

Firemen's Annuity and Benefit Fund of Chicago

Actuarial Valuation and Review as of December 31, 2025



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June 12, 2026

Retirement Board of the
Firemen's Annuity and Benefit Fund of Chicago
20 South Clark Street, Suite 1400
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Dear Board Members:

We are pleased to submit this Actuarial Valuation and Review as of December 31, 2025. It summarizes the actuarial data used in the valuation; establishes the statutorily required funding contribution for tax levy year 2027 (i.e., payment year 2028), the actuarially determined contribution for the year ending December 31, 2026, the net pension liability under Governmental Accounting Standards Board (GASB) Statement No. 67 as of December 31, 2025, and the pension expense for the fiscal year ending December 31, 2025, under GASB Statement No. 68; and analyzes the preceding years' experience. We also provide projections of statutory contribution requirements under PA 99-0506.

This report has been prepared in accordance with generally accepted actuarial principles and practices at the request of the Board of Trustees, based upon information provided by the staff of the Firemen's Annuity and Benefit Fund of Chicago (FABF or Fund or Plan) and FABF's other service providers.

Asset and Membership Data

The census information and financial information on which our calculations were based was prepared by the Fund staff. That assistance is gratefully acknowledged. We have not subjected the census data to any auditing procedures but have examined the data for reasonableness and consistency with the prior year's data. The accuracy and comprehensiveness of the data is the responsibility of those supplying the data. To the extent we can, however, Segal does review the data for reasonableness and consistency. Based on our review of the data, we have no reason to doubt the substantial accuracy of the information on which we have based this report and we have no reason to believe there are facts or circumstances that would affect the validity of these results.

Actuarial Assumptions and Methods

The actuarial assumptions and methods are set by the Board of Trustees, based upon recommendations made by the Fund's actuary. The demographic and economic assumptions and methods used for the December 31, 2025, actuarial valuation are based on an experience analysis covering the five-year period ending December 31, 2021, and were adopted by the Board, effective December 31, 2022. These actuarial assumptions and methods comply with the parameters set by the Actuarial Standards of Practice and the parameters for disclosure of GASB Statement Nos. 67 and 68. Further, in our opinion, the assumptions as approved by the Board appear to be reasonably related to recent actual and expected future experience of the Fund. The investment return assumption is based on the Fund being invested according to the target asset allocation in the Investment Policy Statement. **To the extent that the liquidation of assets to pay benefit payments and expenses requires a shift in investment allocation to more liquid, lower return asset classes, a lower discount rate will likely be required in the future.**

Funding Adequacy

FABF is funded by employer and member contributions in accordance with the funding policy specified under the Illinois Pension Code (40 ILCS 5/6), which was revised on May 30, 2016, by Public Act 99-0506. Employer contributions are calculated as a level percent of payroll sufficient to bring the total assets of the Fund up to 90% of the actuarial accrued liability by the end of 2055. **FABF is a severely underfunded plan. The funded ratio is only 25.2% using fair value of assets, and the unfunded actuarial accrued liability is \$6.00 billion as of December 31, 2025. We strongly recommend an actuarial funding method that targets 100% funding where payments at least cover the normal cost plus interest on the unfunded actuarial liability and a portion of the principal balance.** The timing of contributions is critical; cash flow strain may create a situation where assets must be liquidated at inopportune times in order to satisfy the payment of benefits.

Financial Results and Membership Data

This report includes the following schedules, as prepared by Segal, for the Actuarial and Financial sections of the Comprehensive Annual Financial Report:

- Actuarial
 - Active Member Valuation Data
 - Retirees and Beneficiaries Added to and Removed from Rolls
 - Solvency Test
 - Analysis of Financial Experience
- Financial
 - Schedule of Funding Progress
 - Schedule of Employer Contributions

Limitation of Actuarial Measurements

The measurements shown in this actuarial valuation may not be applicable for other purposes. 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; 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); changes in economic or demographic assumptions; and changes in plan provisions or applicable law.

Qualifications

We are members of the American Academy of Actuaries, and we meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion herein. To the best of our knowledge, the information supplied in this actuarial valuation is complete and accurate. The assumptions used in this actuarial valuation were selected by the Board based upon our analysis and recommendations. In our opinion, the assumptions are reasonable and take into account the experience of the Plan and reasonable expectations. In addition, in our opinion, the combined effect of these assumptions is expected to have no significant bias. The actuarial calculations were completed under the supervision of Daniel Siblik.

Segal makes no representation or warranty as to the future status of the Plan and does not guarantee any particular result. This document does not constitute legal, tax, accounting or investment advice or create or imply a fiduciary relationship. The Board is encouraged to discuss any issues raised in this report with the Plan's legal, tax and other advisors before taking, or refraining from taking, any action

We look forward to reviewing this report at your next meeting and to answering any questions.

Sincerely,

Segal



Daniel J. Siblik, ASA, FCA, MAAA, EA
Vice President and Actuary



Matthew A. Strom, FSA, MAAA, EA
Senior Vice President and Actuary

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Section 1: Actuarial Valuation Summary

Purpose and basis

This report has been prepared by Segal to present a valuation of the Firemen's Annuity and Benefit Fund of Chicago (FABF or Fund or Plan) as of December 31, 2025. The valuation was performed to determine whether the assets and contributions are sufficient to provide the prescribed benefits and to provide information for required disclosures under Governmental Accounting Standards Board (GASB) Statement Nos. 67 and 68.

The contribution requirements presented in this report are based on:

- The benefit provisions of the Fund, as outlined in 40 ILCS 5/6 and administered by the Retirement Board;
- The characteristics of covered active members, inactive vested members, retired members and beneficiaries as of December 31, 2025, provided by the FABF staff;
- The assets of the Plan as of December 31, 2025, provided by the FABF staff;
- Economic assumptions regarding future salary increases and investment earnings; and
- Other actuarial assumptions regarding employee terminations, retirement, death, etc.

Section 1: Actuarial Valuation Summary

Valuation highlights

The following key findings were the result of this actuarial valuation:

1. **FABF is a severely underfunded plan. The funded ratio is only 25.2% using the fair value of assets and the unfunded actuarial accrued liability (UAAL or UAL) is \$6.00 billion as of December 31, 2025. Even under the statutory funding schedule, the funded ratio is projected to remain below 50% through 2042. We strongly recommend an actuarial funding method that targets 100% funding where payments at least cover the normal cost plus interest on the UAL and a portion of the principal balance.**
2. Public Act 104-0065, effective August 1, 2025, provides the following changes for Tier 2 members:
 - a. The Tier 2 salary cap was increased to \$141,408 as of July 1, 2025, and \$145,650 as of July 1, 2026, and shall increase annually thereafter by the lesser of (i) 3% of that amount, including all previous adjustments, or (ii) the annual unadjusted percentage increase in the CPI-U for the 12 months ending with September preceding each November 1, including all previous adjustments. In conjunction with this plan change, the annual pay cap increase assumption was increased from 1.25% to 2.50%, and the annual payroll growth assumption was increased from 1.50% to 2.50%.
 - b. The formula used to determine annuity benefits for widows of members who died while in service now includes an additional minimum benefit of 54% of the fireman's monthly salary (annualized) at the time of the fireman's death, or any applicable salary cap, whichever is less.
 - c. Surviving Child Annuity benefits are now as follows:
 - 1) If the fireman was not receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter, or (ii) 12% of the fireman's monthly salary on the date of death, if there is a surviving spouse, or 15% and 20%, respectively, if there is no surviving spouse.
 - 2) If the fireman was receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 12% of the fireman's earned annuity on the date of death, if there is a surviving spouse. If there is no surviving spouse, the greater of (i) 15% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 20% of the fireman's monthly salary on the date of death.
 - d. This Public Act was first reflected in this valuation and increased the actuarial accrued liability (AAL) by \$116.7 million.
3. In October 2025, a new salary agreement was finalized that granted retroactive pay increases for the years 2021 through 2025. The salary increases for non-retired members was reflected as experience for the plan year and resulted in a \$202.8 million loss. Furthermore, these retroactive earnings will require a recalculation of benefits for current retirees who worked during this period. Because the calculations for these benefit adjustments were still in progress, they were not reflected in the December 31, 2025,

Section 1: Actuarial Valuation Summary

valuation data. We have estimated the benefit increases using both actual and retroactive salary information provided by Fund staff. In addition to these estimated monthly benefit increases, we have estimated the lump sum amounts for retroactive benefit payments associated with the increased monthly benefit amounts. The benefit increase and retroactive lump sum payments resulted in an increase of the AAL by \$25.8 million.

4. For the year ended December 31, 2025, Segal has estimated the asset return on a fair value basis to be 12.2%. After gradual recognition of investment gains and losses under the asset smoothing method, the rate of return on the actuarial value of assets was 5.8%. This represents an experience loss when compared to the assumed rate of 6.75%. As of December 31, 2025, the actuarial value of assets (\$1.981 billion) represents 97.7% of the fair value (\$2.027 billion).
5. The fair value of assets as of December 31, 2025, is \$2.027 billion, which includes \$1.576 billion of investments and \$445 million of employer contributions receivable.
6. The funded ratio based on the actuarial value of assets over the actuarial accrued liability as of December 31, 2025, is 24.6%, compared to 24.4% as of December 31, 2024. Using the fair value of assets, the funded ratio as of December 31, 2025, is 25.2%, compared to 23.7% as of December 31, 2024.
7. The actuarially determined contribution (ADC) is the amount developed by the actuary in accordance with generally accepted actuarial practice and guidance for appropriately funding public sector defined benefit retirement systems and is used as a benchmark to evaluate the adequacy of the City contribution amount required by statute. For the fiscal year beginning January 1, 2026, the ADC is \$588,720,377. By statute, the expected employer contribution for 2026 (payable in 2027) is \$441,746,521. **Compared to the actuarially determined contribution of \$588,720,377, the contribution deficiency is \$146,973,856.** Each year of a contribution deficiency leads to an increased risk that there will be a deficiency in all future years.
8. The total statutorily required employer contribution for 2027 (payable in 2028) calculated as part of this December 31, 2025, actuarial valuation is \$458,991,616.
9. As part of the City's Pension Management Policy, the City of Chicago agreed to make a supplemental pension payment¹ contribution of \$5,791,572 during 2026. Since this is a supplemental contribution, it will not count toward the required statutory contribution. The supplemental pension payment was not included in the fair value of assets as of December 31, 2025, but is included in the contributions for 2026 for projection purposes.
10. The total statutorily required employer contribution for 2025 (payable in 2026) was \$443,683,274.

¹ Supplemental pension payments are referred to as "Advance Pension Payments" by the City of Chicago. The City is expected to make another supplemental payment in June 2026, however only the \$5.8 million made in January 2026 was included in projections herein.

Section 1: Actuarial Valuation Summary

11. Reported payroll for the active membership during 2025 was 11.9% more than projected from the December 31, 2024, actuarial valuation. Additionally, members who worked between 2021 to 2025 were granted retroactive salary increases. These salary increases generated an actuarial loss with respect to the UAL.
12. When measuring pension liability for GASB purposes, the Entry Age Normal actuarial cost method is used, which is the same method that is used for funding purposes. Even though the statutorily required employer contributions under Public Act 99-0506 are expected to increase substantially over time, the Fiduciary Net Position is projected to remain positive and so there is no blending of the funding rate with a short-term bond rate; as a result, the discount rate used is the funding rate of 6.75%. This means that the total pension liability (TPL) measure for financial reporting shown in this report is the same as the AAL measure for funding.
13. The net pension liability (NPL) is equal to the difference between the TPL and the Plan's fiduciary net position. The Plan's fiduciary net position is equal to the fair value of assets. The NPL increased from \$5,713,316,792 as of December 31, 2024, to \$6,002,550,922 as of December 31, 2025. The increase in the NPL is primarily due to the plan changes and salary increases, partially offset by the greater-than-expected investment return and the continued supplemental pension payment.
14. As indicated in **Section 2** of this report, the total unrecognized investment gain as of December 31, 2025, is \$46,151,043. This investment gain will be recognized in the determination of the actuarial value of assets for funding purposes in the next few years, to the extent it is not offset by recognition of investment losses derived from future experience. This implies that earning the assumed rate of investment return of 6.75% per year (net of expenses) on a fair value basis will result in investment gains on the actuarial value of assets in the next few years.
15. The current method used to determine the actuarial value of assets yields an amount that is 97.7% of the fair value of assets as of December 31, 2025. Guidelines in Actuarial Standards of Practice No. 44 (Selection and Use of Asset Valuation Methods for Pension Valuations) recommend that asset values fall within a reasonable range around the corresponding fair value. We believe the actuarial asset method currently complies with these guidelines.

Section 1: Actuarial Valuation Summary

Summary of key valuation results

Valuation Result	Current	Prior	
Funding ratios as of December 31	2025	2024	
• Actuarial accrued liability	\$8,029,795,014	\$7,487,555,410	
• Fair value of assets	2,027,244,092	1,774,238,618	
• Unfunded actuarial accrued liability on a fair value basis	6,002,550,922	5,713,316,792	
• Funded ratio on a fair value basis	25.25%	23.70%	
• Actuarial value of assets	\$1,981,093,049	\$1,826,857,846	
• Unfunded actuarial accrued liability on an actuarial value basis	6,048,701,965	5,660,697,564	
• Funded ratio on an actuarial value basis	24.67%	24.40%	
• Book value of assets	\$1,779,301,865	\$1,614,917,393	
• Unfunded actuarial accrued liability on a book value basis	6,250,493,149	5,872,638,017	
• Funded ratio on a book value basis	22.15%	21.57%	
Demographic data as of December 31			
• Number of retirees, survivors, disabilities and children	5,557	5,460	
• Number of inactive members	176	159	
• Number of active members ²	4,674	4,775	
• Total pensionable salary supplied by Fund	\$604,204,092	\$529,090,215	
• Average pensionable salary	129,269	110,804	
Contribution requirement for Fiscal (Tax Levy) Year	2027	2026	2025
• Statutory City contribution ³	\$458,991,616	\$441,746,521	\$443,683,274
• Effective amortization period of Statutory City contribution ⁴	32	34	33
• Actuarially determined contribution	588,720,377	554,649,609	

² Includes ordinary disability members who continue to accrue benefit service and additional liability while on ordinary disability.

³ As established by Public Act 99-0506, City contributions are shown in the year that they will be booked. The contributions will be paid in the following year.

⁴ Estimated number of years it would take to fully amortize the unfunded actuarial accrued liability based on the Statutory contribution's amortization payment.

Section 1: Actuarial Valuation Summary

Five-year projection of statutory contributions

Following is a five-year projection of the City's statutory contributions.

Tax Levy Year	Payment Year	Statutory Contribution
2025	2026	\$443,683,274
2026	2027	441,746,521
2027	2028	458,991,616
2028	2029	468,665,728
2029	2030	480,402,058
2030 & thereafter	2031 & thereafter	70.87% of projected pay

The statutory contribution for payment year 2028 is \$458,991,616, which is approximately 70.87% of projected payroll in 2027. For payment years after 2027, the projected city contribution is equal to 70.87% of projected payroll, which will increase as a dollar amount as payroll increases. Full projection results through 2055 are shown in Section 4, Exhibit 9. The statutory contributions set forth in this report represent the contribution amounts determined on a basis consistent with the state Statute and do not constitute a recommendation by Segal.

Section 1: Actuarial Valuation Summary

Important information about actuarial valuations

An actuarial valuation is a budgeting tool with respect to the financing of future projected obligations of a pension plan. It is an estimated forecast – the actual long-term cost of the plan will be determined by the actual benefits and expenses paid and the actual investment experience of the plan.

In order to prepare a valuation, Segal relies on a number of input items. These include:

Input Item	Description
Plan provisions	Plan provisions define the rules that will be used to determine benefit payments, and those rules, or the interpretation of them, may change over time. Even where they appear precise, outside factors may change how they operate. It is important to keep Segal informed with respect to plan provisions and administrative procedures, and to review the plan summary included in our report to confirm that Segal has correctly interpreted the plan of benefits.
Participant information	An actuarial valuation for a plan is based on data provided to the actuary by the Fund staff. Segal does not audit such data for completeness or accuracy, other than reviewing it for obvious inconsistencies compared to prior data and other information that appears unreasonable. It is important for Segal to receive the best possible data and to be informed about any known incomplete or inaccurate data.
Financial information	Part of the cost of a plan will be paid from existing assets — the balance will need to come from future contributions and investment income. The valuation is based on the asset values as of the valuation date, typically reported by Fund staff. A snapshot as of a single date may not be an appropriate value for determining a single year's contribution requirement, especially in volatile markets. Plan sponsors often use an "actuarial value of assets" that differs from market value to gradually reflect year-to-year changes in the market value of assets in determining the contribution requirements.
Actuarial assumptions	In preparing an actuarial valuation, Segal starts by developing a forecast of the benefits to be paid to existing plan participants for the rest of their lives and the lives of their beneficiaries. This requires actuarial assumptions as to the probability of death, disability, withdrawal, and retirement of participants in each year, as well as forecasts of the plan's benefits for each of those events. In addition, the benefits forecasted for each of those events in each future year reflect actuarial assumptions as to salary increases and cost-of-living adjustments. The forecasted benefits are then discounted to a present value, typically based on an estimate of the rate of return that will be achieved on the plan's assets. All of these factors are uncertain and unknowable. Thus, there will be a range of reasonable assumptions, and the results may vary materially based on which assumptions are selected within that range. That is, there is no right answer (except with hindsight). It is important for any user of an actuarial valuation to understand and accept this constraint. The actuarial model may use approximations and estimates that will have an immaterial impact on our results. In addition, the actuarial assumptions may change over time, and while this can have a significant impact on the reported results, it does not mean that the previous assumptions or results were unreasonable or wrong.

Section 1: Actuarial Valuation Summary

The user of Segal's actuarial valuation (or other actuarial calculations) should keep the following in mind:

- The actuarial valuation is prepared at the request of the Board. Segal is not responsible for the use or misuse of its report, particularly by any other party.
- An actuarial valuation is a measurement at a specific date — it is not a prediction of a plan's future financial condition. Accordingly, Segal did not perform an analysis of the potential range of financial measurements, except where otherwise noted.
- If the Board is aware of any event or trend that was not considered in this valuation that may materially change the results of the valuation, Segal should be advised, so that we can evaluate it.
- Segal does not provide investment, legal, accounting, or tax advice. Segal's valuation is based on our understanding of applicable guidance in these areas and of the plan provisions, but they may be subject to alternative interpretations. The Board should look to their other advisors for expertise in these areas.
- While Segal maintains extensive quality assurance procedures, an actuarial valuation involves complex computer models and numerous inputs. In the event that an inaccuracy is discovered after presentation of Segal's valuation, Segal may revise that valuation or make an appropriate adjustment in the next valuation.
- Segal's report shall be deemed to be final and accepted by the Board upon delivery and review. Trustees should notify Segal immediately of any questions or concerns about the final content.
- As Segal has no discretionary authority with respect to the management or assets of the Retirement Plan, it is not a fiduciary in its capacity as actuaries and consultants with respect to the FABF.

Segal valuation results are based on proprietary actuarial modeling software. The actuarial valuation models generate a comprehensive set of liability and cost calculations that are presented to meet regulatory, legislative and client requirements. Deterministic cost projections are based on a proprietary forecasting model. Our Actuarial Technology and Systems unit, comprised of both actuaries and programmers, is responsible for the initial development and maintenance of these models. The models have a modular structure that allows for a high degree of accuracy, flexibility and user control. The client team programs the assumptions and the plan provisions, validates the models, and reviews test lives and results, under the supervision of the responsible actuary.

Section 2: Actuarial Valuation Results

Membership data

- The Actuarial Valuation and Review considers the number and demographic characteristics of covered members, including active members, inactive members, retirees and beneficiaries.
- This section presents a summary of significant statistical data on these member groups.
- More detailed information for this valuation year and the preceding valuation can be found in **Section 3, Exhibits A – D**.

Member Population: 2016 – 2025

Year Ended December 31	Active Members ⁵	Inactive Members	Retirees, Survivors, Disabilities and Children	Ratio of Non- Actives to Actives
2016	4,760	88	4,777	1.02
2017	4,613	77	4,878	1.07
2018	4,487	92	5,022	1.14
2019	4,630	95	5,128	1.13
2020	4,697	124	5,221	1.14
2021	4,735	154	5,265	1.14
2022	4,767	139	5,300	1.14
2023	4,712	145	5,369	1.17
2024	4,775	159	5,460	1.18
2025	4,674	176	5,557	1.23

⁵ Includes ordinary disability members who continue to accrue benefit service and additional liability while on ordinary disability.

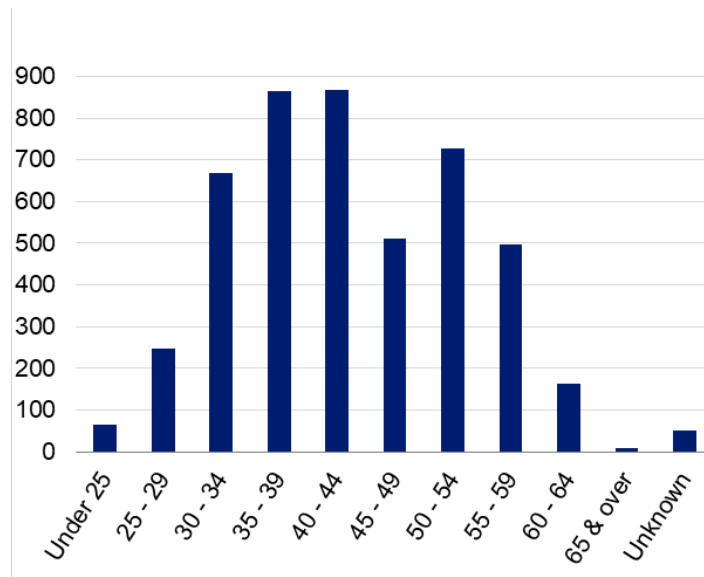
Section 2: Actuarial Valuation Results

Active members

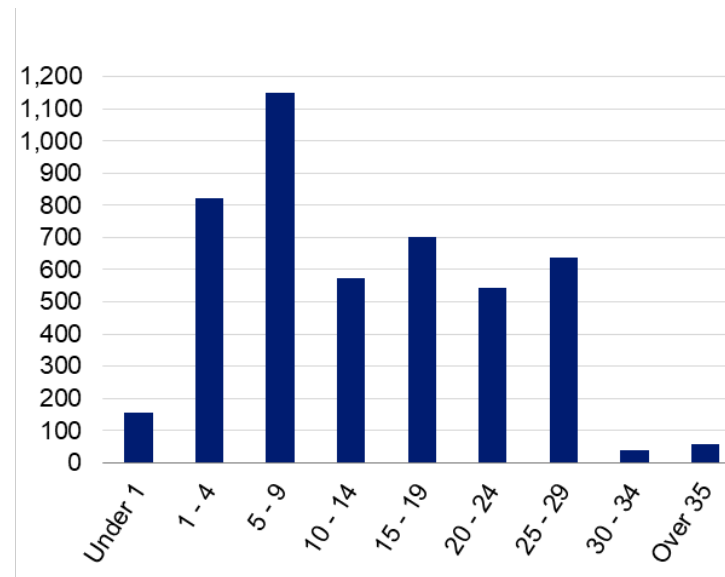
- Plan costs are affected by the age, years of service, and salary of active members. In this year's valuation, there were 4,674 active members with an average age of 43.6, average years of service of 12.9, and average salary of \$129,269. The 4,775 active members in the prior valuation had an average age of 43.6, average years of service of 12.9, and average salary of \$110,804.
- The active members included three members receiving ordinary disability benefits in this year's valuation, and five members receiving ordinary disability benefits in the prior valuation.

Distribution of Active Participants as of December 31, 2025

Actives by Age



Actives by Years of Service



Inactive members

- In this year's valuation, there were 35 members with a vested right to a deferred or immediate vested benefit. In addition, there were 141 members entitled to a return of their account balance.

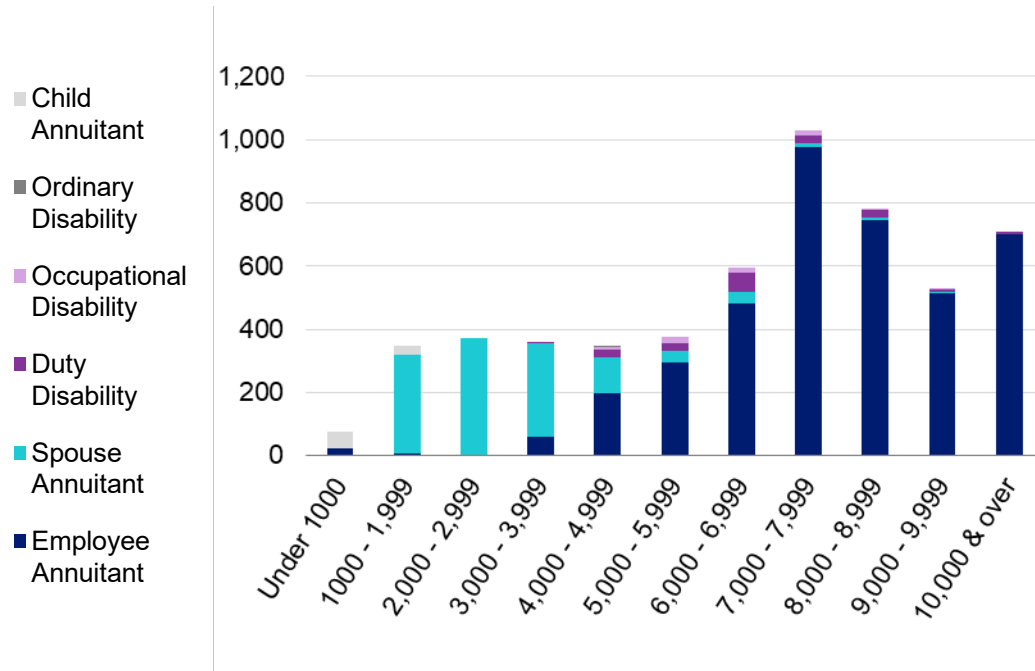
Section 2: Actuarial Valuation Results

Retired members and survivors

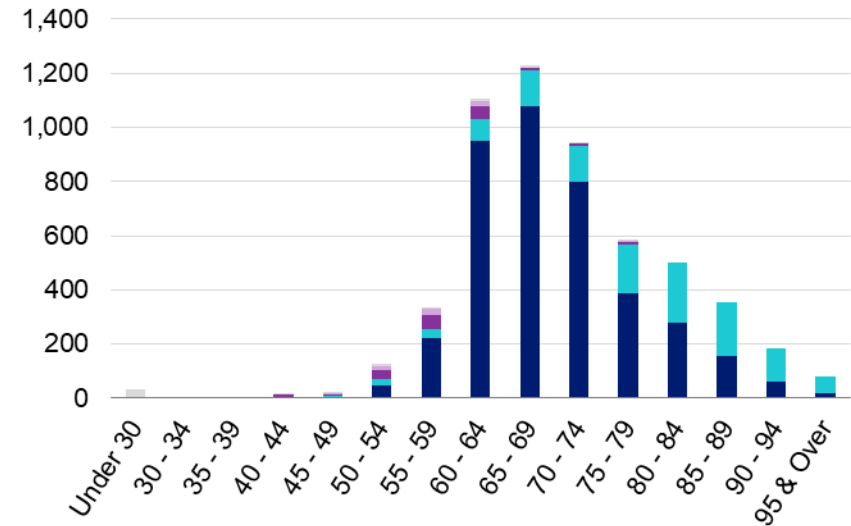
- As of December 31, 2025, 4,006 employee annuitants, 1,191 spouse annuitants, 202 duty disability retirees, 73 occupational disability retirees, 3 ordinary disability retirees, and 82 children were receiving total monthly benefits of \$37,836,455. For comparison, in the previous valuation, there were 3,897 employee annuitants, 1,212 spouse annuitants, 195 duty disability retirees, 72 occupational disability retirees, 5 ordinary disability retirees, and 79 children were receiving total monthly benefits of \$36,187,186.
- As of December 31, 2025, the average monthly benefit for service retiree members is \$8,043, compared to \$7,882 in the previous valuation. The average age for service retirees is 69.9 in the current valuation, compared with 69.8 in the prior valuation.

Distribution of Pensioners as of December 31, 2025

By Monthly Amount



By Age

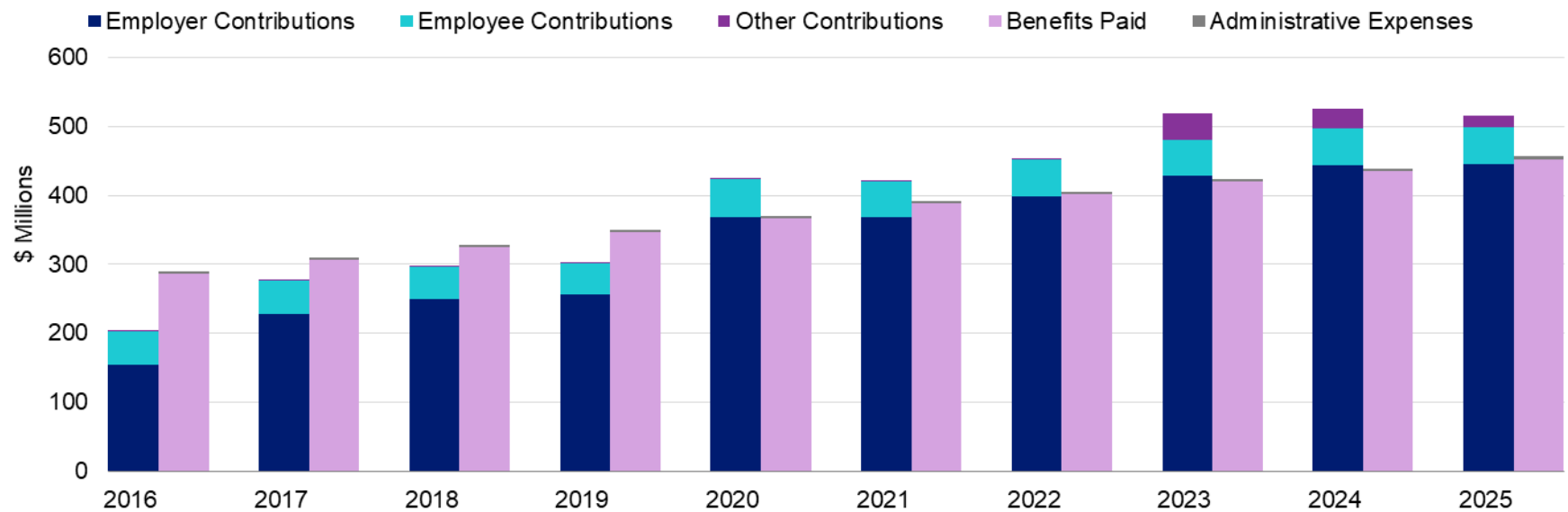


Section 2: Actuarial Valuation Results

Financial information

Retirement plan funding anticipates that, over the long term, both contributions (less administrative expenses) and investment earnings (less investment fees) will be needed to cover benefit payments. Retirement plan assets change as a result of the net impact of these income and expense components.

Comparison of Contributions with Benefits and Expenses for Years Ended December 31



Section 2: Actuarial Valuation Results

It is desirable to have level and predictable plan costs from one year to the next. For this reason, the Board has approved an asset valuation method that gradually adjusts to fair value. Under this valuation method, the full value of market fluctuations is not recognized in a single year and, as a result, the asset value and the plan costs are more stable.

The amount of the adjustment to recognize fair value is treated as income, which may be positive or negative. Realized and unrealized gains, and losses are treated equally and, therefore, the sale of assets has no immediate effect on the actuarial value.

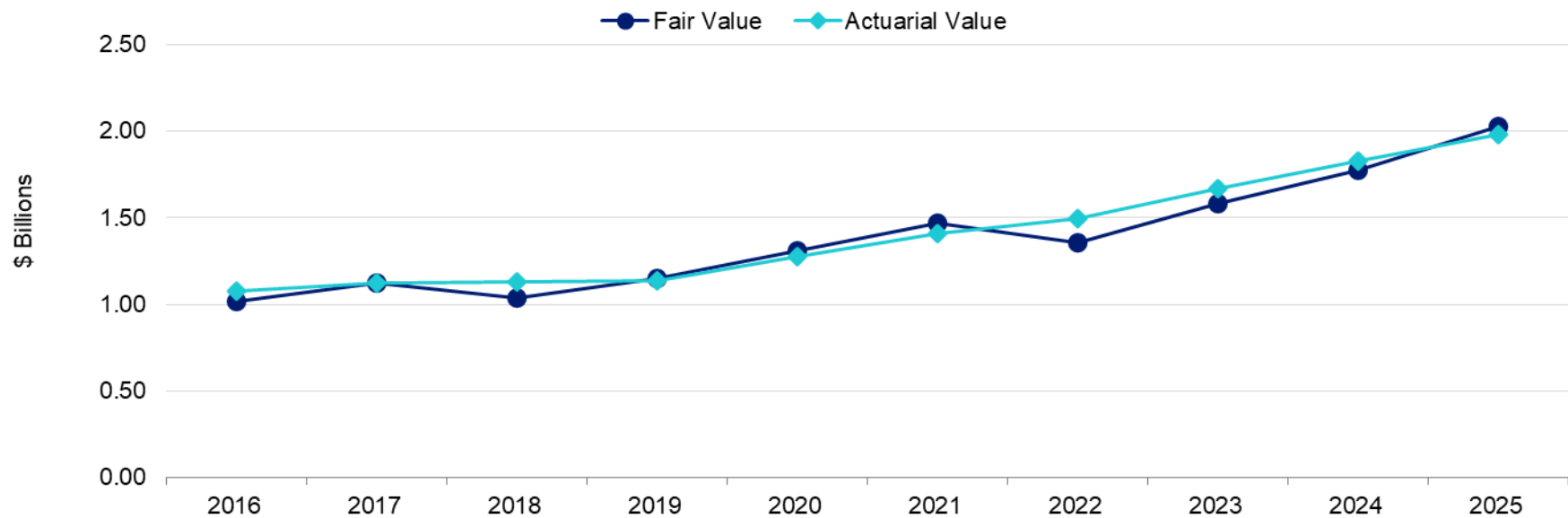
Determination of Actuarial Value of Assets for Year Ended December 31

Step	2025		2024		
1. Fair value of assets as of prior December 31		\$1,774,238,618		\$1,582,471,984	
2. Employer and employee contributions and other income		514,750,882		525,330,205	
3. Benefits and expenses		456,217,470		438,921,129	
4. Expected income investment		107,258,341		95,707,551	
5. Total investment income, including income for securities lending		194,472,062		105,357,558	
6. Investment gain/(loss) for the year ended December 31: (5) – (4)		87,213,721		9,650,007	
7. Fair value of assets as of December 31		2,027,244,092		1,774,238,618	
8. Calculation of unrecognized return	Original Amount	Percent Not Recognized	Amount	Percent Not Recognized	Amount
a. Year ended December 31, 2025	\$87,213,721	80%	\$69,770,977		--
b. Year ended December 31, 2024	9,650,007	60%	5,790,003	80%	\$7,720,006
c. Year ended December 31, 2023	47,815,682	40%	19,126,272	60%	28,689,408
d. Year ended December 31, 2022	(242,681,044)	20%	(48,536,209)	40%	(97,072,418)
e. Year ended December 31, 2021	40,218,878		--	20%	8,043,776
f. Total unrecognized return			\$46,151,043		(\$60,339,234)
9. Total actuarial value of assets as of December 31: (7) – (8f)			\$1,981,093,049		\$1,826,857,846

Section 2: Actuarial Valuation Results

Both the actuarial value and fair value of assets are representations of the Fund's financial status. As investment gains and losses are gradually taken into account, the actuarial value of assets tracks the fair value of assets. The actuarial asset value is significant because the Fund's liabilities are compared to these assets to determine what portion, if any, remains unfunded. Amortization of the unfunded actuarial accrued liability is an important element in determining the contribution requirement.

Actuarial Value of Assets vs Fair Value of Assets as of December 31, 2016 - 2025



Section 2: Actuarial Valuation Results

Actuarial experience

To calculate the actuarially determined contribution, assumptions are made about future events that affect the amount and timing of benefits to be paid and assets to be accumulated. Each year actual experience is measured against the assumptions. If overall experience is more favorable than anticipated (an actuarial gain), the contribution requirement will decrease from the previous year. On the other hand, the contribution requirement will increase if overall actuarial experience is less favorable than expected (an actuarial loss).

Taking account of experience gains or losses in one year without making a change in assumptions reflects the belief that the single years' experience was a short-term development and that, over the long term, experience will return to the original assumptions. For contribution requirements to remain stable, assumptions should approximate experience.

If assumptions are changed, the contribution requirement is adjusted to take into account a change in experience anticipated for all future years.

The total loss is \$255,455,425; \$240,347,078 in net losses from sources other than investments, and \$15,108,348 in investment losses on an actuarial basis. The net experience variation from individual sources other than investments was about 3.1% of the actuarial accrued liability. A discussion of the major components of the actuarial experience is on the following pages.

Actuarial Experience for Year Ended December 31, 2025

Assumption	Amount
1. Net gain/(loss) from investments	(\$15,108,348)
2. Net gain/(loss) from administrative expenses	104,048
3. Net gain/(loss) from other experience	(240,451,125)
4. Net experience gain/(loss): 1 + 2 + 3	(255,455,425)

Administrative Expenses

Administrative expenses for the year ended December 31, 2025, totaled \$3,916,910 compared to the assumption of \$4,020,958. This resulted in a gain of \$104,048 for the year.

Section 2: Actuarial Valuation Results

Investment experience

A major component of projected asset growth is the assumed rate of return. The assumed return should represent the expected long-term rate of return, based on the FABF's investment policy. For valuation purposes, the assumed rate of return on the actuarial value of assets for the 2025 plan year was 6.75%. The actual rate of return on an actuarial basis for the 2025 plan year was 5.83%.

Since the actual return for the year was less than the assumed return, the Fund experienced an actuarial loss during the year ended December 31, 2025, with regard to its investments.

Investment Experience Year Ended December 31, 2025

Item	Fair Value	Actuarial Value
1. Net investment income	\$194,472,062	\$95,701,791
2. Average value of assets	1,589,012,457	1,641,631,685
3. Rate of return: $1 \div 2$	12.24%	5.83%
4. Assumed rate of return	6.75%	6.75%
5. Expected investment income: 2×4	\$107,258,341	\$110,810,139
6. Net investment gain/(loss): $1 - 5$	\$87,213,721	(\$15,108,348)

Section 2: Actuarial Valuation Results

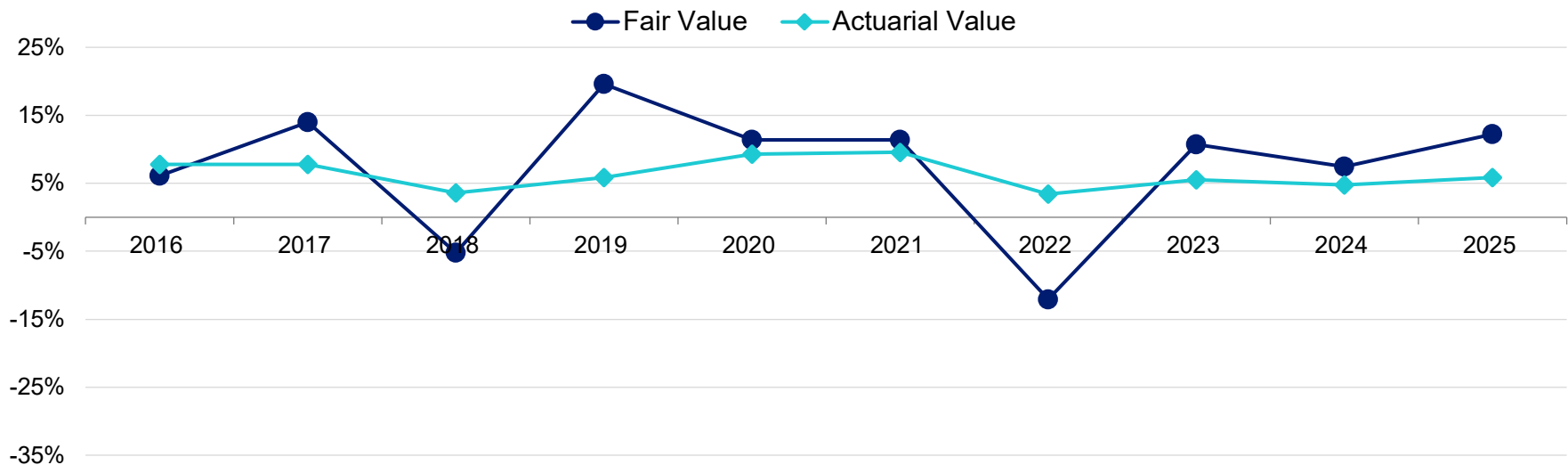
Because actuarial planning is long-term, it is useful to see how the assumed investment rate of return has followed actual experience over time. The chart below shows the rate of return on an actuarial basis compared to the fair value investment return for the last ten years, including five-year and ten-year averages.

Investment Return – Actuarial Value vs. Fair Value: 2016 – 2025

Year Ended December 31	Actuarial Value	Fair Value
2016	7.79%	6.08%
2017	7.75%	14.02%
2018	3.55%	(5.23%)
2019	5.87%	19.59%
2020	9.30%	11.35%
2021	9.57%	11.37%
2022	3.41%	(12.06%)
2023	5.51%	10.70%
2024	4.78%	7.43%
2025	5.83%	12.24%
Average Returns		
Last 5 years	5.71%	6.07%
Last 10 years	6.16%	7.06%

Section 2: Actuarial Valuation Results

Fair and Actuarial Rates of Return for Years Ended December 31, 2016 – 2025



Page 16 described the actuarial asset valuation method that gradually takes into account fluctuations in the fair value rate of return. The effect of this is to stabilize the actuarial rate of return, which contributes to leveling pension plan costs. This chart illustrates that the asset returns on a fair value basis tend to be more volatile than asset returns on an actuarial basis.

Section 2: Actuarial Valuation Results

Other experience

There are other differences between the expected and the actual experience that appear when the new valuation is compared with the projections from the previous valuation. These include:

- the extent of turnover among participants,
- retirement experience (earlier or later than projected),
- mortality (more or fewer deaths than projected),
- the number of disability retirements (more or fewer than projected), and
- salary increases (greater or smaller than projected).

The net loss from this other experience for the year ended December 31, 2025, amounted to \$240,451,125, which is about 3.1% of the actuarial accrued liability. Salary increases, which include retroactive adjustments, were responsible for most of the experience loss.

A brief summary of the demographic gain/(loss) experience of the Fund for the year ended December 31, 2025, is shown in the table below.

Experience Gain/(Loss) Due to Demographics for Year Ended December 31, 2025

1. Less turnover than expected	(\$1,748,249)
2. More or earlier retirement than expected	(24,261,838)
3. More deaths than expected among retirees and beneficiaries	11,096,388
4. Larger salary/service increases than expected for continuing actives	(202,806,620)
5. New entrants	(977,323)
6. Miscellaneous	(21,753,484)
7. Total	(\$240,451,125)

Section 2: Actuarial Valuation Results

Development of employer costs

Statutory Contribution

The city is required to make level percent of pay contributions for plan years 2020 through 2055 that, along with member contributions and investment earnings, are expected to generate a projected funded ratio of 90% by the end of the 2055 plan year. The projections are based on an open group, level percent of pay financing and the entry-age normal cost method.

Statutory Contribution for Tax Levy Year 2027

Item	Amount	% of Payroll
1. Projected normal cost and administrative expenses for 2027	\$148,150,660	23.31%
2. Projected actuarial accrued liability at December 31, 2026	8,229,234,539	
3. Projected actuarial value of assets at December 31, 2026	2,099,852,349	
4. Project underfunded (overfunded) actuarial accrued liability: (2) – (3)	6,129,382,190	
5. Estimated member contributions during 2027	59,238,211	
6. Projected payroll during 2027	647,649,215	
7. Estimated city contribution for tax levy year 2027 (payment year 2028)	458,991,616	70.83%

Section 2: Actuarial Valuation Results

Actuarially determined contribution

The amount of actuarially determined contribution is comprised of an employer normal cost payment and a payment on the unfunded actuarial accrued liability. This total amount is then divided by the projected payroll for active members to determine the actuarially determined contribution of 92.61% of payroll.

The unfunded actuarial accrued liability amortization payment is based on layered, closed period amortization bases. The initial unfunded liability base was established as of December 31, 2023, and amortized over 20 years as a level percentage of payroll⁶. Subsequent sources of new increases or decreases in unfunded liability will be added in a layered approach annually, each amortized over separate 20-year periods from the date they are established.

The current methodology is intended to yield predictable employer contributions that – if made by the employer – would pay down the unfunded actuarial accrued liability by a reasonable amount over a reasonable period. Actual employer required contributions are determined by statute.

Actuarially Determined Contribution

Contribution	Year Beginning January 1, 2026	
	Amount	Percent of Payroll
1. Total normal cost ⁷	\$147,242,696	23.16%
2. Administrative expenses	3,916,910	0.62%
3. Expected employee contributions ⁸	(58,147,816)	(9.15%)
4. Employer normal cost: (1) + (2) + (3)	93,011,790	14.63%
5. Employer normal cost, adjusted for timing	96,099,681	15.12%
6. Actuarial accrued liability	\$8,029,795,014	
7. Actuarial value of assets	1,981,093,049	
8. Unfunded/(overfunded) actuarial accrued liability: (6) – (7)	\$6,048,701,965	
9. Payment on unfunded actuarial accrued liability, adjusted for timing ⁹	554,483,168	87.22%
10. Actuarially determined contribution: (5) + (9)	\$588,720,377	92.61%
11. Projected payroll	\$635,699,685	

⁶ Based on a payroll growth assumption of 2.50%.

⁷ Reflects timing adjustment to the middle of the year.

⁸ Based on payroll, adjusted to the middle of the year.

⁹ Components of the total payment on unfunded liability are shown on the following page. Employer contributions are assumed to be paid at the end of the year.

Section 2: Actuarial Valuation Results

Table of amortization payments

Type	Date Established as of Dec. 31	Initial Period	Initial Amount	Annual Payment ¹⁰	Years Remaining	Outstanding Balance
Initial Unfunded Liability Base	2023	20	\$5,650,198,029	\$419,558,133	18	\$5,466,318,675
Experience Loss	2024	20	31,666,170	2,308,409	19	31,186,708
Contribution Deficiency	2024	20	64,383,679	4,693,460	19	63,408,838
Experience Loss	2025	20	255,455,425	18,283,158	20	255,455,425
Contribution Deficiency	2025	20	89,801,587	6,427,175	20	89,801,587
Plan Amendment	2025	20	142,530,732	10,201,043	20	142,530,732
Total				\$461,471,378		\$6,048,701,965

¹⁰ Annual payment for current year. Increases based on payroll growth assumption of 2.50% per year.

Section 2: Actuarial Valuation Results

The contribution requirements as of December 31, 2025, are based on all the data described in the previous sections, the actuarial assumptions described in Section 4, and the Plan provisions adopted at the time of preparation of the Actuarial Valuation. They include all changes affecting future costs, adopted benefit changes, actuarial gains and losses, and changes in the actuarial assumptions.

Reconciliation of Actuarially Determined Contribution

The chart below details the changes in the actuarially determined contribution from the prior valuation to the current year's valuation.

Reconciliation of Actuarially Determined Contribution from December 31, 2024, to December 31, 2025

Actuarially Determined Contribution as of December 31, 2024	\$554,649,609
1. Effect of plan change	\$30,584,895
2. Effect of change in asset method	0
3. Effect of expected change in amortization payment due to payroll growth	7,228,206
4. Effect of change in amortization method	0
5. Effect of change in administrative expense assumption	(16,618)
6. Effect of change in other actuarial assumptions ¹¹	(35,909,976)
7. Effect of contributions (more)/less than actuarially determined contribution	7,421,304
8. Effect of investment (gain)/loss	1,248,571
9. Effect of other gains and losses on accrued liability	19,862,551
10. Net effect of other changes	3,651,837
11. Total change	\$34,070,768
12. Actuarially determined contribution as of December 31, 2025	\$588,720,377

¹¹ Payroll growth assumption was increased from 1.50% to 2.50% in conjunction with the Tier 2 salary cap plan changes.

Section 2: Actuarial Valuation Results

Low-Default-Risk Obligation Measure (LDRM)

In December 2021, the Actuarial Standards Board issued a revision of Actuarial Standard of Practice No. 4 (ASOP 4) Measuring Pension Obligations and Determining Pension Plan Costs or Contributions. One of the revisions to ASOP 4 requires the disclosure of a Low-Default-Risk Obligation Measure (LDRM) when performing a funding valuation. The LDRM presented in this report is calculated using the same methodology and assumptions used to determine the Actuarial Accrued Liability (AAL) used for funding, except for the discount rate. The LDRM is required to be calculated using “a discount rate...derived from low-default-risk fixed income securities whose cash flows are reasonably consistent with the pattern of benefits expected to be paid in the future.”

The LDRM is a calculation assuming a plan’s assets are invested in an all-bond portfolio, generally lowering expected long-term investment returns. The discount rate selected and used for this purpose is the Bond Buyer General Obligation 20-year Municipal Bond Index Rate, published at the end of each week. The last published rate in December of the measurement period, by The Bond Buyer (www.bondbuyer.com), is 4.83% for use effective December 31, 2025. This is the rate used to determine the discount rate for valuing reported public pension plan liabilities in accordance with Governmental Accounting Standards when plan assets are projected to be insufficient to make projected benefit payments, and the 20-year period reasonably approximates the duration of plan liabilities. The LDRM is not used to determine a plan’s funded status or Actuarially Determined Contribution. The plan’s expected return on assets, currently 6.75%, is used for these calculations.

As of December 31, 2025, the LDRM for the system is \$10,001,215,373. The difference between the plan’s AAL of \$8,029,795,014 and the LDRM can be thought of as the increase in the AAL if the entire portfolio were invested in low-default-risk securities. Alternatively, this difference could also be viewed as representing the expected savings from investing in the plan’s diversified portfolio compared to investing only in low-default-risk securities.

ASOP 4 requires commentary to help the intended user understand the significance of the LDRM with respect to the funded status of the plan, plan contributions, and the security of participant benefits. In general, if plan assets were invested exclusively in low-default-risk securities, the funded status would be lower and the Actuarially Determined Contribution would be higher. While investing in a portfolio with low-default-risk securities may be more likely to reduce investment volatility and the volatility of employer contributions, it also may be more likely to result in higher employer contributions or lower benefits.

Section 2: Actuarial Valuation Results

Risk

Since the actuarial valuation results are dependent on a given set of assumptions and data as of a specific date, there is a risk that emerging results may differ significantly as actual experience differs from the assumptions.

This report does not contain a detailed analysis of the potential range of future measurements but does include a brief discussion of some risks that may affect the Plan.

We also recommend that the Board consider that a stochastic analysis be prepared for FABF in the context of a full risk assessment. A stochastic analysis would involve the projection of thousands of investment return trials over the full projection period. The stochastic projections would show the most likely range of outcomes as well as the best and worst case scenarios for FABF. The stochastic analysis would also provide the range of employer contributions and the probability of employer contributions exceeding certain thresholds.

Investment Risk (the risk that returns will be different than expected)

If the actual return on the fair value of assets for the next Plan Year were 1% different from the assumed (either higher or lower), the projected unfunded actuarial liability would change by less than 0.1%, or about \$3.2 million. Given the relatively low current funded position of FABF, a change in the fair value of assets one way or the other does not have a significant impact on the unfunded actuarial liability.

Since the Plan's assets are much larger than contributions, investment performance may create significant volatility in contribution requirements. For example, for each 1% difference in return from the assumed return, the projected employer contributions for the 2027 Fiscal Year would change by approximately \$1.2 million.

The fair value rate of return over the last ten years has ranged from a low of -12.1% to a high of 19.6%, with an average of 7.1%.

Longevity Risk (the risk that mortality experience will be different than expected)

The actuarial valuation includes an expectation of future improvement in life expectancy. Emerging plan experience that does not match these expectations will result in either an increase or decrease in the FABF funding policy and statutorily required contribution amounts.

Section 2: Actuarial Valuation Results

Contribution Risk

The FABF funding policy contribution requires payment of the normal cost and an amortization payment according to a schedule sufficient to become 90% funded by 2055. The statutorily required amount systematically underfunds FABF. Among other things, it: a) is based on a funding target of 90% of the actuarial accrued liability (as opposed to 100%); and b) is based on a level percent of payroll, which backloads the contributions.

If contributions fall short of the statutory schedule included in Public Act 99-0506, the risk of insolvency increases substantially. If contributions fall significantly short of that schedule, insolvency is almost inevitable.

Even if contributions follow this schedule and future experience matches the current assumptions, we project the unfunded actuarial accrued liability will not be paid off, given the 90% funding target.

Demographic Risk (the risk that participant experience will be different than assumed)

Examples of this risk include:

- Actual retirements occurring earlier or later than assumed. The value of retirement plan benefits is sensitive to the rate of benefit accruals and any early retirement subsidies that apply.
- More or less active participant turnover than assumed.
- Individual salary increases higher or lower than assumed.

Actual Experience Over the Recent Past and Implications for the Future

Experience can help demonstrate the sensitivity of key results to the Plan's actual experience:

- The investment gain/(loss) for a year has ranged from a gain of \$105.6 million to a loss of \$242.7 million since 2018.
- The non-investment gain/(loss) for a year has ranged from a gain of \$83.0 million to a loss of \$240.5 million since 2018.
- The funded percentage on the actuarial value of assets has ranged from a low of 18.18% to a high of 24.67% since 2016.

Section 2: Actuarial Valuation Results

Maturity Measures

As pension plans mature, the cash needed to fulfill benefit obligations will increase over time. Therefore, cash flow projections and analysis should be performed to assure that the Plan's asset allocation is aligned to meet emerging pension liabilities.

Currently the Plan has a non-active to active ratio of 1.23. For the prior year, contributions received were \$58.5 million greater than benefits paid and administrative expenses. As the Plan continues to mature, more cash will be needed from the investment portfolio to meet benefit payments.

The following chart compares this year's maturity measures to the prior year:

Information as of December 31	2025	2024
Ratio of Fair Value of Assets to Covered Payroll	3.19	3.35
Ratio of Actuarial Accrued Liability to Covered Payroll	12.63	14.15
Ratio of Actives to Retirees and Beneficiaries	0.84	0.87
Ratio of Net Cash Flow to Fair Value of Assets	2.89%	4.87%

Section 3: Supplemental Information

Exhibit A: Table of plan coverage

Category	Year Ended December 31, 2025	Year Ended December 31, 2024	Change From Prior Year
Active members in valuation:			
• Number	4,674	4,775	(2.1%)
• Average age	43.6	43.6	0.0
• Average years of service	12.9	12.9	0.0
• Total salary supplied by the Fund ¹²	\$604,204,092	\$529,090,215	14.2%
• Average salary ¹²	\$129,269	\$110,804	16.7%
• Total active vested members	2,549	2,687	(5.1%)
• Male members	4,222	4,338	(2.7%)
• Female members	443	437	1.4%
• Unknown sex	9	0	N/A
• Tier 1 members	1,966	2,192	(10.3%)
• Tier 2 members	2,708	2,583	4.8%
Inactive members:	176	159	10.7%
Retirees:			
Number in pay status	4,006	3,897	2.8%
• Average age	69.9	69.8	0.1
• Average monthly benefit	\$8,043	\$7,882	2.0%
Survivors¹³:			
Number in pay status	1,191	1,212	(1.7%)
• Average age	78.8	78.7	0.1
• Average monthly benefit	\$3,107	\$3,007	3.3%
Disability annuitants:			
• Ordinary	3	5	(40.0%)
• Occupational	73	72	1.4%
• Duty	202	195	3.6%
Children:	82	79	3.8%
Parents:	0	0	N/A
Total number of members	10,407	10,394	0.1%

¹² Based on regular pay rate provided by the fund office and duty disability pay of \$333.33 per month per active.

¹³ Includes Widows' Compensation annuities.

Section 3: Supplemental Information

Exhibit B.1: All members in active service as of December 31, 2025

By Age, Years of Service and Total Monthly Salary

Age	Total	Under 1	1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34	35 & Over
Under 20	-	-	-	-	-	-	-	-	-	-
20 – 24	66	16	50	-	-	-	-	-	-	-
25 – 29	246	38	168	40	-	-	-	-	-	-
30 – 34	669	32	279	351	7	-	-	-	-	-
35 – 39	865	16	238	451	133	27	-	-	-	-
40 – 44	867	3	66	259	274	250	15	-	-	-
45 – 49	512	1	11	35	139	205	83	38	-	-
50 – 54	728	2	5	8	19	134	213	344	3	-
55 – 59	498	-	2	3	1	65	197	211	13	6
60 – 64	164	-	-	1	-	20	36	41	19	47
65 – 69	6	-	-	-	-	-	-	2	1	3
70 & over	3	-	-	-	-	-	-	-	1	2
Unknown	50	47	2	1	-	-	-	-	-	-
Total	4,674	155	821	1,149	573	701	544	636	37	58
	\$50,350,341	\$990,771	\$7,169,001	\$11,375,062	\$6,043,051	\$8,064,525	\$6,604,830	\$8,693,439	\$535,527	\$874,135

Totals may not sum due to rounding.

Section 3: Supplemental Information

Exhibit B.2: Male members in active service as of December 31, 2025

By Age, Years of Service and Total Monthly Salary

Age	Total	Under 1	1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34	35 & Over
Under 20	-	-	-	-	-	-	-	-	-	-
20 – 24	63	15	48	-	-	-	-	-	-	-
	\$479,358	\$97,003	\$382,355	-	-	-	-	-	-	-
25 – 29	207	27	142	38	-	-	-	-	-	-
	\$1,729,656	\$171,797	\$1,188,371	\$369,488	-	-	-	-	-	-
30 – 34	605	24	242	332	7	-	-	-	-	-
	\$5,611,482	\$152,708	\$2,112,305	\$3,278,513	\$67,956	-	-	-	-	-
35 – 39	762	11	202	406	116	27	-	-	-	-
	\$7,400,735	\$69,991	\$1,807,778	\$4,006,072	\$1,201,693	\$315,201	-	-	-	-
40 – 44	779	1	56	236	237	234	15	-	-	-
	\$8,253,585	\$6,363	\$522,101	\$2,347,546	\$2,498,228	\$2,705,955	\$173,393	-	-	-
45 – 49	451	1	5	27	117	194	75	32	-	-
	\$5,156,124	\$6,363	\$48,353	\$268,098	\$1,233,961	\$2,241,116	\$923,773	\$434,461	-	-
50 – 54	680	-	4	6	14	121	204	328	3	-
	\$8,662,837	-	\$42,293	\$59,464	\$150,295	\$1,370,083	\$2,514,718	\$4,480,786	\$45,197	-
55 – 59	476	-	1	3	1	62	188	202	13	6
	\$6,051,242	-	\$8,501	\$31,638	\$11,421	\$697,260	\$2,257,254	\$2,777,035	\$184,353	\$83,780
60 – 64	155	-	-	1	-	19	34	41	16	44
	\$2,035,850	-	-	\$11,063	-	\$205,420	\$389,574	\$537,242	\$233,452	\$659,098
65 – 69	5	-	-	-	-	-	-	2	-	3
	\$70,156	-	-	-	-	-	-	\$25,153	-	\$45,004
70 & over	3	-	-	-	-	-	-	-	1	2
	\$45,004	-	-	-	-	-	-	-	\$14,144	\$30,860
Unknown	36	34	1	1	-	-	-	-	-	-
	\$237,689	\$219,308	\$8,501	\$9,880	-	-	-	-	-	-
Total	4,222	113	701	1,050	492	657	516	605	33	55
	\$45,733,717	\$723,532	\$6,120,559	\$10,381,762	\$5,163,554	\$7,535,035	\$6,258,712	\$8,254,677	\$477,146	\$818,741

Totals may not sum due to rounding.

Section 3: Supplemental Information

Exhibit B.3: Female members in active service as of December 31, 2025

By Age, Years of Service and Total Monthly Salary

Age	Total	Under 1	1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34	35 & Over
Under 20	-	-	-	-	-	-	-	-	-	-
20 – 24	3	1	2	-	-	-	-	-	-	-
25 – 29	\$22,561	\$6,363	\$16,198	-	-	-	-	-	-	-
30 – 34	\$304,541	\$69,991	\$214,790	\$19,760	-	-	-	-	-	-
35 – 39	\$562,636	\$50,903	\$324,660	\$187,073	-	-	-	-	-	-
40 – 44	\$981,036	\$31,814	\$320,760	\$448,834	\$179,628	-	-	-	-	-
45 – 49	\$926,017	\$12,726	\$89,353	\$230,486	\$397,817	\$195,636	-	-	-	-
50 – 54	\$698,039	-	\$54,292	\$84,663	\$243,418	\$132,452	\$99,116	\$84,098	-	-
55 – 59	\$584,665	\$12,726	\$8,902	\$22,485	\$58,635	\$153,700	\$106,830	\$221,388	-	-
60 – 64	\$295,280	-	\$10,066	-	-	\$37,728	\$114,212	\$133,275	-	-
65 – 69	\$135,568	-	-	-	-	\$9,974	\$25,962	-	\$44,238	\$55,395
70 & over	\$14,144	-	-	-	-	-	-	-	\$14,144	-
Unknown	5	4	1	-	-	-	-	-	-	-
	\$34,873	\$25,451	\$9,421	-	-	-	-	-	-	-
Total	443	33	120	99	81	44	28	31	4	3
	\$4,559,359	\$209,974	\$1,048,443	\$993,300	\$879,497	\$529,490	\$346,119	\$438,761	\$58,381	\$55,395

Totals may not sum due to rounding.

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Exhibit C.1: Number of refunds to male employees

Age at Date of Refund	Length of Service at Date of Refund						Total
	Under 1 Year	Between 1 and 2	Between 2 and 3	Between 3 and 4	Between 4 and 5	5 and Over	
Under 20	-	-	-	-	-	-	-
20 – 24	-	-	-	-	-	-	-
25 – 29	-	1	-	2	-	-	3
30 – 34	-	1	1	-	-	1	3
35 – 39	-	-	1	-	1	-	2
40 – 44	-	-	-	-	-	-	-
45 – 49	-	-	-	-	-	2	2
50 – 54	-	-	-	-	-	1	1
55 – 59	-	-	-	-	-	-	-
60 & over	-	1	-	-	-	-	1
Unknown	-	-	-	-	-	-	-
Total	-	3	2	2	1	4	12

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Exhibit C.2: Number of refunds to female employees

Age at Date of Refund	Length of Service at Date of Refund						Total
	Under 1 Year	Between 1 and 2	Between 2 and 3	Between 3 and 4	Between 4 and 5	5 and Over	
Under 20	-	-	-	-	-	-	-
20 – 24	-	-	-	-	-	-	-
25 – 29	-	-	-	-	-	-	-
30 – 34	-	-	-	-	-	-	-
35 – 39	-	-	1	-	-	-	1
40 – 44	-	-	-	-	-	1	1
45 – 49	-	-	-	-	-	-	-
50 – 54	-	-	-	-	-	-	-
55 – 59	-	-	-	-	-	-	-
60 & over	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-
Total	-	-	1	-	-	1	2

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Exhibit D.1: Service retirement annuitants as of December 31, 2025

By Age and Benefit Amount

Age	Male Number	Male Annual Payments	Female Number	Female Annual Payments
Under 50	1	\$9,845	-	-
50 – 54	44	3,281,547	4	\$300,293
55 – 59	194	16,905,563	29	2,391,467
60 – 64	874	84,771,794	77	7,155,906
65 – 69	1,013	100,719,107	67	6,396,276
70 – 74	764	77,644,677	37	3,472,610
75 – 79	379	37,406,291	9	848,754
80 – 84	274	26,145,834	4	255,258
85 – 89	154	12,700,778	1	111,975
90 – 94	61	4,839,114	-	-
95 – 99	20	1,296,204	-	-
100 & over	-	-	-	-
Total	3,778	\$365,720,753	228	\$20,932,539

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Exhibit D.2: Spouse annuitants¹⁴ as of December 31, 2025

By Age and Annual Benefit

Age	Male Number	Male Annual Payments	Female Number	Female Annual Payments
Under 45	-	-	6	\$235,254
45 – 49	1	\$35,627	5	156,739
50 – 54	-	-	21	1,034,804
55 – 59	1	31,103	31	1,320,837
60 – 64	2	80,416	81	3,179,579
65 – 69	4	173,888	125	5,199,299
70 – 74	5	172,373	126	5,330,219
75 – 79	3	106,116	177	6,571,387
80 – 84	2	86,526	219	8,028,502
85 – 89	2	69,094	196	6,759,886
90 – 94	-	-	125	4,323,112
95 – 99	-	-	50	1,287,412
100 & over	-	-	9	222,481
Total	20	\$755,144	1,171	\$43,649,510

¹⁴ Includes Widows' Compensation annuities.

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Exhibit E: Statistics for miscellaneous annuitants as of December 31, 2025

Type	Number	Annual Payment
Children's annuities	82	\$1,067,391
Widows' compensation annuities	63	5,295,050
Ordinary disability benefits	3	132,889
Occupational disease disability benefits	73	5,549,312
Duty disability benefits	202	16,229,924
Total	423	\$28,274,566

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Exhibit F.1: Male participants receiving duty disability

Length of Service as of December 31, 2025

Attained Age	Under 1 Year	Under 1 Year	1 to 4	1 to 4	5 to 9	5 to 9	10 to 14	10 to 14	15 to 19	15 to 19	20 and Over	20 and Over	Total	Total
	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment
Under 40	--	--	--	--	3	\$220,437	1	\$79,157	--	--	--	--	4	\$299,594
40 – 44	--	--	1	\$71,597	4	298,604	8	628,397	7	\$561,717	--	--	20	1,560,314
45 – 49	--	--	--	--	--	--	2	152,607	5	383,526	2	\$199,340	9	735,473
50 – 54	--	--	--	--	--	--	--	--	10	855,033	15	1,349,233	25	2,204,266
55 – 59	--	--	--	--	--	--	1	78,639	7	560,921	36	2,899,929	44	3,539,489
60 & over	--	--	--	--	--	--	--	--	5	364,155	50	3,895,236	55	4,259,392
Total	--	--	1	\$71,597	7	\$519,041	12	\$938,799	34	\$2,725,352	103	\$8,343,738	157	\$12,598,527

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Exhibit F.2: Female participants receiving duty disability

Length of Service as of December 31, 2025

Attained Age	Under 1 Year	Under 1 Year	1 to 4	1 to 4	5 to 9	5 to 9	10 to 14	10 to 14	15 to 19	15 to 19	20 and Over	20 and Over	Total	Total
	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment
Under 40	--	--	--	--	2	\$150,236	1	\$77,388	--	--	--	--	3	\$227,624
40 – 44	--	--	--	--	1	63,186	4	315,110	2	\$144,321	--	--	7	522,617
45 – 49	--	--	--	--	--	--	1	70,764	1	72,119	--	--	2	142,883
50 – 54	--	--	--	--	--	--	--	--	2	176,651	6	\$561,605	8	738,255
55 – 59	--	--	--	--	--	--	--	--	2	172,763	7	675,527	9	848,289
60 & over	--	--	--	--	--	--	--	--	1	106,971	15	1,044,759	16	1,151,730
Total	--	--	--	--	3	\$213,422	6	\$463,262	8	\$672,824	28	\$2,281,890	45	\$3,631,397

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Exhibit F.3: Male participants receiving occupational disability

Length of Service as of December 31, 2025

Attained Age	Under 1 Year	Under 1 Year	1 to 4	1 to 4	5 to 9	5 to 9	10 to 14	10 to 14	15 to 19	15 to 19	20 and Over	20 and Over	Total	Total
	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment
Under 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
40 – 44	--	--	--	--	--	--	1	\$71,319	--	--	--	--	1	\$71,319
45 – 49	--	--	--	--	--	--	1	63,084	2	\$132,084	--	--	3	195,168
50 – 54	--	--	--	--	--	--	--	--	4	282,276	11	\$907,584	15	1,189,860
55 – 59	--	--	--	--	--	--	--	--	2	149,404	17	1,304,270	19	1,453,673
60 & over	--	--	--	--	--	--	--	--	2	161,377	24	1,835,186	26	1,996,563
Total	--	--	--	--	--	--	2	\$134,403	10	\$725,140	52	\$4,047,040	64	\$4,906,583

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Exhibit F.4: Female participants receiving occupational disability

Length of Service as of December 31, 2025

Attained Age	Under 1 Year	Under 1 Year	1 to 4	1 to 4	5 to 9	5 to 9	10 to 14	10 to 14	15 to 19	15 to 19	20 and Over	20 and Over	Total	Total
	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment
Under 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
40 – 44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
45 – 49	--	--	--	--	--	--	1	\$74,828	--	--	--	--	1	\$74,828
50 – 54	--	--	--	--	--	--	--	--	--	--	2	\$156,049	2	156,049
55 – 59	--	--	--	--	--	--	--	--	--	--	3	207,893	3	207,893
60 & over	--	--	--	--	--	--	--	--	--	--	3	203,959	3	203,959
Total	--	--	--	--	--	--	1	\$74,828	--	--	8	\$567,901	9	\$642,729

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Exhibit F.5: Male participants receiving ordinary disability

Length of Service as of December 31, 2025

Attained Age	Under 1 Year	Under 1 Year	1 to 4	1 to 4	5 to 9	5 to 9	10 to 14	10 to 14	15 to 19	15 to 19	20 and Over	20 and Over	Total	Total
	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment
Under 40	--	--	--	--	--	--	1	\$44,532	--	--	--	--	1	\$44,532
40 – 44	--	--	--	--	--	--	1	39,791	--	--	--	--	1	39,791
45 – 49	--	--	--	--	--	--	--	--	1	\$48,566	--	--	1	48,566
50 – 54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
55 – 59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
60 & over	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	2	\$84,323	1	\$48,566	--	--	3	\$132,889

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Exhibit F.6: Female participants receiving occupational disability

Length of Service as of December 31, 2025

Attained Age	Under 1 Year	Under 1 Year	1 to 4	1 to 4	5 to 9	5 to 9	10 to 14	10 to 14	15 to 19	15 to 19	20 and Over	20 and Over	Total	Total
	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment	No	Annual Payment
Under 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
40 – 44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
45 – 49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
50 – 54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
55 – 59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
60 & over	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Exhibit G.1: Reconciliation of active and inactive member data

Category	Unknown	Male	Female	Total
Active members				
Number as of December 31, 2024	-	4,338	437	4,775
Increases:				
Members added during year	9	117	33	159
Members returning from inactive or disability status	--	8	1	9
Data Corrections	--	--	--	--
Total	9	125	34	168
Decreases				
Withdrawal (with refunds)	--	6	1	7
Withdrawal (without refunds)	--	23	8	31
Ordinary disability benefit	--	--	--	--
Occupational disease disability benefit	--	11	1	12
Duty disability benefit	--	13	6	19
Retirements	--	186	11	197
Deaths (occupational)	--	1	--	1
Deaths (non-occupational)	--	1	1	2
Data Corrections	--	--	--	--
Total	--	241	28	269
Number as of December 31, 2025	9	4,222	443	4,674
Inactive members				
Number as of December 31, 2024	2	129	28	159
Additions	--	22	9	31
Decreases	--	17	3	20
Data Corrections	4	1	1	6
Number as of December 31, 2025	6	135	35	176

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Exhibit G.2: Reconciliation of annuitant and beneficiary data

Category	Number as of December 31, 2024	Additions during 2025	Decreases during 2025	Number as of December 31, 2025
Service retirement annuities	3,897	219	110	4,006
Widow annuities	1,146	63	81	1,128
Children annuities	79	6	3	82
Parent annuities	0	0	0	0
Ordinary disability benefit	5	3	5	3
Occupational disease disability benefit ¹⁵	72	13	12	73
Duty disability benefit ¹⁵	195	21	14	202
Widows' compensation annuities	66	1	4	63

¹⁵ Decreases include members who had previously transitioned from receiving a disability benefit to a service retirement annuity.

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Exhibit H.1: Summary statement of income and expenses on fair value basis

Category	Year Ended December 31, 2025	Year Ended December 31, 2025	Year Ended December 31, 2024	Year Ended December 31, 2024
Net assets at market value at the beginning of the year		\$1,774,238,618		\$1,582,471,984
Contribution income:				
Employer contributions	\$444,626,683		\$443,847,765	
Employer contributions – Advanced Pension Payment	15,640,948		28,274,000	
Employee contributions	54,479,656		53,203,307	
Miscellaneous revenue	<u>3,595</u>		<u>5,133</u>	
Net contribution income		\$514,750,882		\$525,330,205
Investment income:				
Interest, dividends and other income	\$42,121,338		\$40,157,048	
Asset appreciation	165,573,837		76,119,118	
Less investment fees	<u>(13,223,113)</u>		<u>(10,918,608)</u>	
Net investment income		\$194,472,062		\$105,357,558
Total income available for benefits		\$709,222,944		\$630,687,763
Less benefit payments:				
Annuity payments	(\$448,598,205)		(\$431,475,850)	
Refund of contributions	(3,702,355)		(3,512,802)	
Administrative expenses	(3,916,910)		(3,932,477)	
Net benefit payments		(\$456,217,470)		(\$438,921,129)
Change in reserve for future benefits		\$253,005,474		\$191,766,634
Net assets at fair value at the end of the year		\$2,027,244,092		\$1,774,238,618

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Exhibit H.2: Summary statement of income and expenses on book value basis

Category	Year Ended December 31, 2025	Year Ended December 31, 2025	Year Ended December 31, 2024	Year Ended December 31, 2024
Net assets at book value at the beginning of the year		\$1,614,917,393		1,469,961,763
Contribution income:				
Employer contributions	\$444,626,683		\$443,847,765	
Employer contributions – Advanced Pension Payment	15,640,948		28,274,000	
Employee contributions	54,479,656		53,203,307	
Administrative expenses	<u>3,595</u>		<u>5,133</u>	
Net contribution income		\$514,750,882		\$525,330,205
Investment income:				
Interest, dividends and other income	\$42,121,338		\$40,157,048	
Realized investment gain/(loss)	76,952,835		29,308,114	
Less investment fees	<u>(13,223,113)</u>		<u>(10,918,608)</u>	
Net investment income		\$105,851,060		\$58,546,554
Total income available for benefits		\$620,601,942		\$583,876,759
Less benefit payments:				
Annuity payments	(\$448,598,205)		(\$431,475,850)	
Refund of contributions	(3,702,355)		(3,512,802)	
Administrative expenses	(3,916,910)		(3,932,477)	
Net benefit payments		(\$456,217,470)		(\$438,921,129)
Change in reserve for future benefits		\$164,384,472		\$144,955,630
Net assets at book value at the end of the year		\$1,779,301,865		\$1,614,917,393

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Exhibit H.3: Summary statement of plan assets

Category	Year Ended December 31, 2025	Year Ended December 31, 2025	Year Ended December 31, 2024	Year Ended December 31, 2024
Accounts receivable:				
Employer contributions – net	\$445,490,445		\$446,148,174	
Investment income	5,272,770		5,367,671	
Other	2,963,792		2,459,334	
Securities lending	45,417		32,978	
Unsettled trades	<u>4,273,187</u>		<u>13,405,824</u>	
Total accounts receivable		\$458,000,194		\$467,413,981
Prepaid expenses:		223,352		221,195
Investments:				
Cash deposits and short-term investments	\$79,124,794		\$66,898,214	
Corporate bonds	111,163,772		132,869,717	
Equities	926,399,909		763,117,214	
Pooled funds	45,610,193		39,296,394	
Private equity and venture capital	195,243,124		168,892,643	
U.S. and Foreign Government obligations	<u>218,340,778</u>		<u>150,784,721</u>	
Total investments at fair value		\$1,575,882,570		\$1,321,858,903
Collateral held for securities on loan		105,440,897		84,635,318
Total assets		2,139,547,013		1,874,129,397
Liabilities:				
Accounts payable and accrued expenses	(\$2,090,978)		(\$1,530,225)	
Participant accounts	(484,016)		(326,843)	
Securities lending collateral	(105,440,897)		(84,635,318)	
Securities lending	(11,339)		(8,231)	
Unsettled trades	<u>(4,275,691)</u>		<u>(13,390,162)</u>	
Total liabilities		(\$112,302,921)		(\$99,890,779)
Net assets at fair value		\$2,027,244,092		\$1,774,238,618
Net assets at actuarial value		\$1,981,093,049		\$1,826,857,846

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Exhibit I: Development of the fund through December 31, 2025

Year Ended December 31	Employer Contributions	Supplemental Pension Payments	Employee Contributions	Misc. Revenue	Net Investment Return ¹⁶	Admin. Expenses	Benefit Payments	Actuarial Value of Assets at End of Year
2016	\$156,158,391	-	\$48,959,929	\$6,494	\$80,784,345	\$3,216,823	\$288,876,397	\$1,074,857,735
2017	228,452,611	-	47,364,276	22,879	81,961,440	3,171,986	306,098,115	1,123,388,840
2018	249,684,038	-	45,894,781	5,853	39,343,831	3,285,110	324,662,304	1,130,369,929
2018	255,382,266	-	46,622,658	506,886	53,771,122	3,225,938	346,337,839	1,137,089,084
2020	368,422,961	-	54,414,653	12,757	85,125,625	2,991,289	366,160,404	1,275,913,387
2021	367,481,614	-	52,268,136	4,788	105,898,756	3,082,062	388,674,676	1,409,809,943
2022	399,209,599	-	53,030,821	5,150	42,083,824	3,390,040	401,967,582	1,498,781,715
2023	428,377,920	\$38,720,000	52,456,647	7,031	74,518,249	3,583,521	420,725,878	1,668,552,163
2024	443,847,765	28,274,000	53,203,307	5,133	71,896,607	3,932,477	434,988,652	1,826,857,846
2025	444,626,683	15,640,948	54,479,656	3,595	95,701,791	3,916,910	452,300,560	1,981,093,049

¹⁶ Actuarial investment return, net of investment fees.

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Exhibit J: Development of unfunded actuarial accrued liability

Item	Year Ending December 31, 2025	Year Ending December 31, 2024
1. Unfunded actuarial accrued liability at beginning of year	\$5,660,697,564	\$5,650,198,029
2. Normal cost at beginning of year	113,801,870	114,995,200
3. Administrative expenses	3,806,118	3,468,375
4. Total contributions	(514,750,882)	(525,330,205)
5. Interest		
(a) Unfunded actuarial accrued liability and normal cost	\$389,778,712	\$389,150,543
(b) Administrative expenses	<u>256,913</u>	<u>234,115</u>
(c) Total contributions ¹⁷	<u>(2,874,487)</u>	<u>(3,684,663)</u>
(d) Total interest: (4a) + (4b)	<u>387,161,138</u>	<u>385,699,995</u>
6. Expected unfunded actuarial accrued liability: (1) + (2) + (3) + (4) + (5d)	5,650,715,808	\$5,629,031,394
7. Changes due to (gain)/loss from:		
(a) Investments	\$15,108,348	\$29,621,356
(b) Demographics and other	<u>240,347,078</u>	<u>2,044,814</u>
(c) Total changes due to (gain)/loss: (7a) + (7b)	255,455,425	31,666,170
8. Change due to plan provisions	142,530,732	0
9. Change in actuarial assumptions	<u>0</u>	<u>0</u>
10. Unfunded actuarial accrued liability at end of year (6) + (7c) + (8) + (9)	\$6,048,701,965	\$5,660,697,564

¹⁷ Statutory employer contributions are assumed to occur at the end-of-year and supplemental pension payments are assumed to occur at the beginning-of-year.

Section 3: Supplemental Information

Exhibit K: Definition of pension terms

The following list defines certain technical terms for the convenience of the reader:

Term	Definition
Actuarial accrued liability for actives	The equivalent of the accumulated normal costs allocated to the years before the valuation date.
Actuarial accrued liability for retirees and beneficiaries	The single-sum value of lifetime benefits to existing pensioners. This sum takes into account life expectancies appropriate to the ages of the pensioners and the interest that the sum is expected to earn before it is entirely paid out in benefits.
Actuarial cost method	A procedure allocating the Actuarial Present Value of Future Benefits to various time periods; a method used to determine the Normal Cost and the Actuarial Accrued Liability that are used to determine the actuarially determined contribution.
Actuarial gain or loss	A measure of the difference between actual experience and that expected based upon a set of Actuarial Assumptions, during the period between two Actuarial Valuation dates. Through the actuarial assumptions, rates of decrements, rates of salary increases, and rates of fund earnings have been forecasted. To the extent that actual experience differs from that assumed, Actuarial Accrued Liabilities emerge which may be the same as forecasted, or may be larger or smaller than projected. Actuarial gains are due to favorable experience, e.g., FABF's assets earn more than projected, salary increases are less than assumed, members retire later than assumed, etc. Favorable experience means actual results produce actuarial liabilities not as large as projected by the actuarial assumptions. On the other hand, actuarial losses are the result of unfavorable experience, i.e., actual results yield in actuarial liabilities that are larger than projected. Actuarial gains will shorten the time required for funding of the actuarial balance sheet deficiency while actuarial losses will lengthen the funding period.
Actuarially equivalent	Of equal actuarial present value, determined as of a given date and based on a given set of Actuarial Assumptions.
Actuarial present value (APV)	The value of an amount or series of amounts payable or receivable at various times, determined as of a given date by the application of a particular set of Actuarial Assumptions. Each such amount or series of amounts is: <ol style="list-style-type: none">Adjusted for the probable financial effect of certain intervening events (such as changes in compensation levels, marital status, etc.)Multiplied by the probability of the occurrence of an event (such as survival, death, disability, withdrawal, etc.) on which the payment is conditioned, andDiscounted according to an assumed rate (or rates) of return to reflect the time value of money.

Section 3: Supplemental Information

Term	Definition
Actuarial present value of future plan benefits	The Actuarial Present Value of benefit amounts expected to be paid at various future times under a particular set of Actuarial Assumptions, taking into account such items as the effect of advancement in age, anticipated future compensation, and future service credits. The Actuarial Present Value of Future Plan Benefits includes the liabilities for active members, retired members, beneficiaries receiving benefits, and inactive members entitled to either a refund or a future retirement benefit. Expressed another way, it is the value that would have to be invested on the valuation date so that the amount invested plus investment earnings would provide sufficient assets to pay all projected benefits and expenses when due.
Actuarial valuation	The determination, as of a valuation date, of the Normal Cost, Actuarial Accrued Liability, Actuarial Value of Assets, and related Actuarial Present Values for a plan. An Actuarial Valuation for a governmental retirement system typically also includes calculations of items needed for compliance with GASB, such as the Actuarially Determined Contribution (ADC) and the Net Pension Liability (NPL).
Actuarial value of assets (AVA)	The value of the Fund's assets as of a given date, used by the actuary for valuation purposes. This may be the market or fair value of plan assets but commonly plans use a smoothed value in order to reduce the year-to-year volatility of calculated results, such as the funded ratio and the ADC.
Actuarially determined	Values that have been determined utilizing the principles of actuarial science. An actuarially determined value is derived by application of the appropriate actuarial assumptions to specified values determined by provisions of the law.
Actuarially determined contribution (ADC)	The employer's periodic required contributions, expressed as a dollar amount or a percentage of covered plan compensation, determined under the Plan's funding policy. The ADC is either paid by the employer or used as a benchmark by which to compare the employer contribution for adequacy. The ADC consists of the Employer Normal Cost and the Amortization Payment.
Amortization method	A method for determining the Amortization Payment. The most common methods used are level dollar and level percentage of payroll. Under the Level Dollar method, the Amortization Payment is one of a stream of payments, all equal, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the Amortization Payment is one of a stream of increasing payments, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the stream of payments increases at the assumed rate at which total covered payroll of all active members will increase.
Amortization payment	The portion of the pension plan contribution, or ADC, that is designed to pay interest on and to amortize the Unfunded Actuarial Accrued Liability.
Assumptions or actuarial assumptions	The estimates upon which the cost of the Plan is calculated, including: Investment return — the rate of investment yield that the Plan will earn over the long-term future; Mortality rates — the death rates of employees and pensioners; life expectancy is based on these rates. Retirement rates — the rate or probability of retirement at a given age or service; Withdrawal rates — the rate or probability at which employees of various ages are expected to leave employment for reasons other than death, disability, or retirement;

Section 3: Supplemental Information

Term	Definition
Defined benefit plan	A retirement plan in which benefits are defined by a formula applied to the member's compensation and/or years of service.
Defined contribution plan	A retirement plan, such as a 401(k) plan, a 403(b) plan, or a 457 plan, in which the contributions to the plan are assigned to an account for each member, the plan's earnings are allocated to each account, and each member's benefits are a direct function of the account balance.
Employer normal cost	The portion of the Normal Cost to be paid by the employer. This is equal to the Normal Cost less expected member contributions.
Experience study	A periodic review and analysis of the actual experience of the Fund that may lead to a revision of one or more Actuarial Assumptions. Actual rates of decrement and salary increases are compared to the actuarially assumed values and modified as deemed appropriate by the Actuary.
Funded ratio	The ratio of the Actuarial Value of Assets (AVA) to the Actuarial Accrued Liability (AAL). Plans sometimes calculate a fair value funded ratio, using the fair value of assets, rather than the AVA, as another measure of the Plan's health.
GASB	Governmental Accounting Standards Board.
GASB 67 and GASB 68	Governmental Accounting Standards Board Statements No. 67 and No. 68. These are the governmental accounting standards that set the accounting rules for public retirement systems and the employers that sponsor or contribute to them. Statement No. 68 sets the accounting rules for the employers that sponsor or contribute to public retirement systems, while Statement No. 67 sets the rules for the systems themselves. Governmental Accounting Standards Board Statements No. 67 and No. 68 are the successor statements to GASB Statements No. 25 and No. 27.
Investment return	The rate of earnings of the Plan from its investments, including interest, dividends and capital gain and loss adjustments, computed as a percentage of the average value of the fund. For actuarial purposes, the investment return often reflects a smoothing of the capital gains and losses to avoid significant swings in the value of assets from one year to the next.
Net Pension Liability (NPL)	The Net Pension Liability is equal to the Total Pension Liability minus the Plan Fiduciary Net Position
Normal cost	That portion of the Actuarial Present Value of pension plan benefits and expenses allocated to a valuation year by the Actuarial Cost Method. Any payment in respect of an Unfunded Actuarial Accrued Liability is not part of Normal Cost (see Amortization Payment). For pension plan benefits that are provided in part by employee contributions, Normal Cost refers to the total of employee contributions and employer Normal Cost unless otherwise specifically stated.
Open amortization period	An open amortization period is one which is used to determine the Amortization Payment but which does not change over time. If the initial period is set as 30 years, the same 30-year period is used in determining the Amortization Period each year. In theory, if an Open Amortization Period is used to amortize the Unfunded Actuarial Accrued Liability, the UAAL will never completely disappear, but will become smaller each year, either as a dollar amount, or in relation to covered payroll, if the actuarial assumptions are realized.

Section 3: Supplemental Information

Term	Definition
Plan Fiduciary Net Position	Fair value of assets.
Salary	Refers to pensionable salary which is limited to applicable salary limit based on Tier.
Total Pension Liability (TPL)	The actuarial accrued liability under the entry age normal cost method and based on the blended discount rate as described in GASB 67 and 68.
Unfunded actuarial accrued liability	The extent to which the actuarial accrued liability of the Plan exceeds the assets of the Plan. There is a wide range of approaches to paying off the unfunded actuarial accrued liability, from meeting the interest accrual only to amortizing it over a specific period of time.
Valuation date or actuarial valuation date	The date as of which the value of assets is determined and as of which the Actuarial Present Value of Future Plan Benefits is determined. The expected benefits to be paid in the future are discounted to this date.

Section 4: Reporting Information

Exhibit 1: Summary of actuarial valuation results

The valuation was made with respect to the following data supplied to us:

Item	Number
1. Retirees as of the valuation date (including survivors, disabilities, and children)	5,557
2. Members inactive during year ended December 31, 2025 (including members on Leave of absence)	176
3. Members active during the year ended December 31, 2025	4,674
Fully vested	2,549
Not vested	2,125

Determination of Actuarial Accrued Liability:

	Actuarial Present Value of Projected Benefits	Actuarial Present Value of Future Normal Costs	Actuarial Accrued Liability
1. Active members			
a. Retirement benefits	\$3,522,714,178	\$1,176,365,339	\$2,346,348,839
b. Death benefits	78,865,695	53,007,354	25,858,341
c. Withdrawal benefits	28,750,484	23,161,492	5,588,992
d. Disability benefits	540,599,209	<u>308,658,630</u>	<u>231,940,579</u>
e. Total	\$4,170,929,566	\$1,561,192,815	\$2,609,736,751
2. Inactive members			
a. Inactive vested members	\$12,570,660	--	\$12,570,660
b. Retirees	4,704,773,882	--	4,704,773,882
c. Spouse annuitants	307,130,599	--	307,130,599
d. Compensation widows	54,109,611	--	54,109,611
e. Ordinary disability	435,471	--	435,471
f. Occupational disease disability	86,686,385	--	86,686,385
g. Duty disability	245,454,909	--	245,454,909
h. Children	8,896,746	--	8,896,746
i. Parent annuitants	<u>0</u>	<u>--</u>	<u>0</u>
j. Total	<u>\$5,420,058,263</u>	<u>\$0</u>	<u>\$5,420,058,263</u>
3. Total	\$9,590,987,829	\$1,561,192,815	\$8,029,795,014

Section 4: Reporting Information

Exhibit 1: Summary of actuarial valuation results (continued)

Determination of Unfunded Actuarial Accrued Liability:

Item	Amount
1. Actuarial accrued liability	\$8,029,795,014
2. Actuarial value of assets (\$2,027,244,092 at fair value)	1,981,093,049
3. Unfunded actuarial accrued liability	6,048,701,965

Components of normal cost:

Item	Tier 1 % of Payroll	Tier 1 Amount	Tier 2 % of Payroll	Tier 2 Amount	Total % of Payroll	Total Amount
1. Retirement	18.53%	\$57,046,077	15.86%	\$52,044,956	17.16%	\$109,091,033
2. Turnover	0.24%	731,895	0.33%	1,070,905	0.28%	1,802,800
3. Mortality	0.67%	2,056,211	0.76%	2,495,627	0.72%	4,551,838
4. Disability	4.00%	12,303,643	4.50%	14,762,155	4.26%	27,065,798
5. Total normal cost: (1) + (2) + (3) + (4)	23.44%	\$72,137,826	21.45%	\$70,373,643	22.42%	\$142,511,469
6. Total normal cost, adjusted for timing ¹⁸	24.21%	74,532,724	22.16%	72,709,972	23.16%	147,242,696
7. Administrative expenses	0.64%	1,982,699	0.59%	1,934,211	0.62%	3,916,910
8. Total normal cost, including administrative expenses: (6) + (7)	24.85%	\$76,515,423	22.75%	\$74,644,183	23.78%	\$151,159,606
9. Expected employee contributions ¹⁹					(9.15%)	(\$58,147,816)
10. Employer normal cost: (8) + (9)					14.63%	\$93,011,790
11. Employer normal cost, adjusted for timing ²⁰					15.12%	\$96,099,681

¹⁸ Reflects timing adjustment to the middle of the year.

¹⁹ Based on payroll, adjusted to the middle of the year.

²⁰ Reflects timing adjustment to the end of the year.

Section 4: Reporting Information

Exhibit 2: Schedule of funding progress

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded/ (Overfunded) AAL (UAAL) (b) – (a)	Funded Ratio (a) / (b)	Covered Compensation (c)	UAAL as a Percentage of Covered Compensation [(b) – (a)] / (c)
12/31/2016	\$1,074,857,735	\$5,045,890,302	\$3,971,032,567	21.30%	\$478,470,944	829.94%
12/31/2017	1,123,388,840	5,582,426,435	4,459,037,595	20.12%	469,407,281	949.93%
12/31/2018	1,130,369,929	6,155,919,204	5,025,549,275	18.36%	456,969,301	1,099.76%
12/31/2019	1,137,089,084	6,256,060,133	5,118,971,049	18.18%	457,082,316	1,119.92%
12/31/2020	1,275,913,387	6,570,504,235	5,294,590,848	19.42%	500,367,870	1,058.14%
12/31/2021	1,409,809,943	7,004,905,578	5,595,095,635	20.13%	520,047,197	1,075.88%
12/31/2022	1,498,781,715	7,216,409,422	5,717,627,707	20.77%	525,479,549	1,088.08%
12/31/2023	1,668,552,163	7,318,750,192	5,650,198,029	22.80%	523,828,926	1,078.63%
12/31/2024	1,826,857,846	7,487,555,410	5,660,697,564	24.40%	529,090,215	1,069.89%
12/31/2025	1,981,093,049	8,029,795,014	6,048,701,965	24.67%	604,204,092	1,001.10%

Section 4: Reporting Information

Exhibit 3: Solvency test

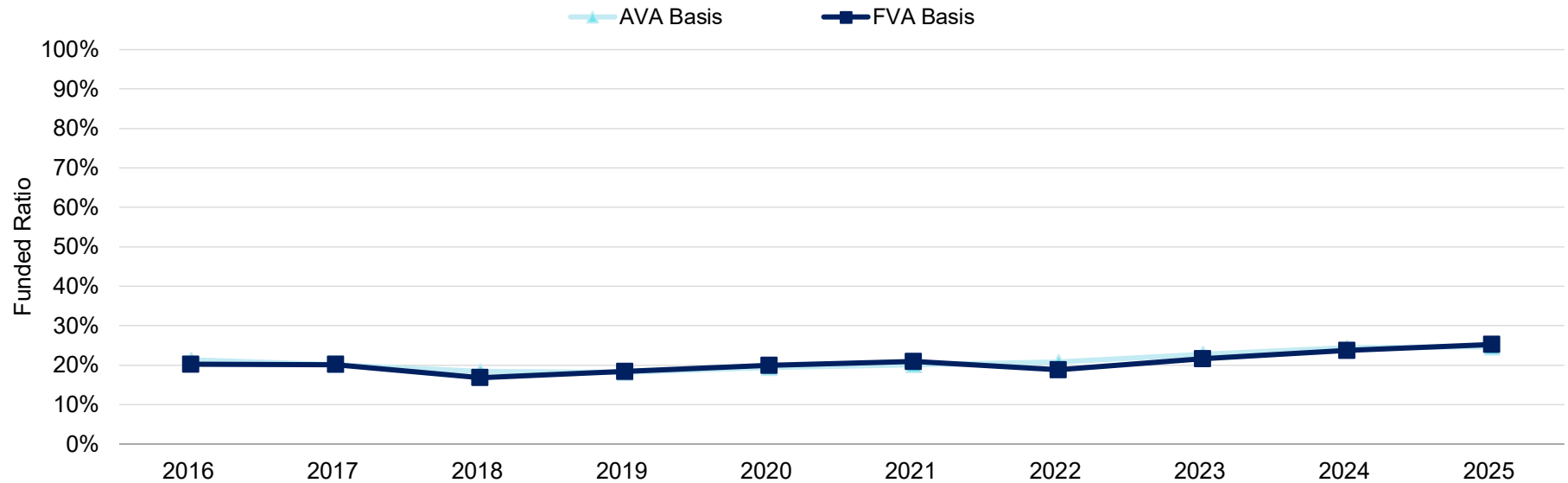
Actuarial Valuation Date	(1) Active and Inactive Member Contribution	(2) Retirees and Beneficiaries	(3) Active and Inactive Members (ER Financed Portion)	Actuarial Value of Assets	Portion (%) of (1) Present Value Covered by Assets	Portion (%) of (2) Present Value Covered by Assets	Portion (%) of (3) Present Value Covered by Assets
12/31/2016	\$702,218,711	\$3,107,218,181	\$1,236,453,410	\$1,074,857,735	100.00%	11.99%	0.00%
12/31/2017	701,745,771	3,520,967,001	1,359,713,663	1,123,388,840	100.00%	11.98%	0.00%
12/31/2018	684,682,219	3,993,065,563	1,478,171,422	1,130,369,929	100.00%	11.16%	0.00%
12/31/2019	717,595,358	4,195,697,523	1,342,767,251	1,137,089,084	100.00%	10.00%	0.00%
12/31/2020	718,594,775	4,405,361,692	1,446,547,768	1,275,913,387	100.00%	12.65%	0.00%
12/31/2021	732,793,563	4,628,054,041	1,644,057,976	1,409,809,943	100.00%	14.63%	0.00%
12/31/2022	753,151,280	4,818,499,936	1,644,758,206	1,498,781,715	100.00%	15.47%	0.00%
12/31/2023	763,935,330	4,976,248,964	1,568,504,832	1,668,552,163	100.00%	18.18%	0.00%
12/31/2024	778,005,747	5,152,112,439	1,557,437,224	1,826,857,846	100.00%	20.36%	0.00%
12/31/2025	788,807,097	5,407,487,603	1,833,500,314	1,981,093,049	100.00%	22.05%	0.00%

Section 4: Reporting Information

Exhibit 4: Funded Ratio

A critical piece of information regarding the Plan's financial status is the funded ratio. This ratio compares the actuarial value of assets to the actuarial accrued liabilities of the Plan as calculated. High ratios indicate a well-funded plan with assets sufficient to cover the plan's actuarial accrued liabilities. Lower ratios may indicate recent changes to benefit structures, funding of the plan below actuarial requirements, poor asset performance, or a variety of other factors.

The chart below depicts a history of the funded ratios for this plan using the actuarial value of assets and the fair value of assets.



Section 4: Reporting Information

Exhibit 5: History of recommended employer multiples

See Reference Notes on the following page

Year of Report	Statutory Multiple	P.A. 99-0506 Multiple	Normal Cost Plus Interest	Normal Cost Plus Amortization Level Dollar	Normal Cost Plus Amortization Level % of Salary
1992 ²¹	2.26	N/A	4.75	4.89	3.69
1993 ²¹	2.26	N/A	4.89	5.03	3.81
1994 ^{21, 22}	2.26	N/A	4.92	5.09	3.71
1995 ²¹	2.26	N/A	5.16	5.33	3.78
1996	2.26	N/A	5.02	5.19	3.78
1997 ^{21, 22, 23}	2.26	N/A	3.95	4.08	3.00
1998 ^{21, 24}	2.26	N/A	4.31	4.22	2.91
1999	2.26	N/A	3.56	3.49	2.41
2000 ²²	2.26	N/A	4.39	4.30	2.99
2001 ²⁴	2.26	N/A	4.61	4.44	3.12
2002	2.26	N/A	4.07	4.19	2.93
2003 ^{21, 22}	2.26	N/A	4.90	5.08	3.18
2004 ^{21, 25}	2.26	N/A	4.99	5.19	3.22
2005 ^{22, 26}	2.26	N/A	4.35	4.54	3.09
2006	2.26	N/A	5.14	5.61	4.05
2007	2.26	N/A	4.93	5.39	3.89
2008	2.26	N/A	5.24	5.72	4.13
2009	2.26	N/A	5.70	6.24	4.47

²¹ Change in benefits.

²² Change in actuarial assumptions.

²³ Change in asset valuation method to GASB

²⁴ Change in Actuary

²⁵ To reflect long-term funding requirements, \$10,182,825 and \$3,229,938 have been excluded from the 2003 and 2006 employee contributions in the calculation of the respective recommended multiples. These amounts are employee contribution for retroactive pay increases.

²⁶ Prior to 2005, 40-year amortization is used. In 2005, OPEB based on 30-year amortization and pension on 40-year amortization. In 2006, 30-year amortization used for both pension and OPEB. There was a significant decrease in the multiple from 2004 to 2005. This change is primarily due to the significant increase in employee contributions.

Section 4: Reporting Information

Exhibit 5: History of recommended employer multiples (continued)

See Reference Notes on the following page

Year of Report	Statutory Multiple	P.A. 99-0506 Multiple	Normal Cost Plus Interest	Normal Cost Plus Amortization Level Dollar	Normal Cost Plus Amortization Level % of Salary
2010	2.26	N/A	6.35	6.94	4.98
2011 ²²	2.26	N/A	6.81	7.47	5.30
2012	2.26	N/A	5.94	6.52	4.60
2013 ²¹	2.26	N/A	5.90	6.45	4.53
2014	2.26	N/A	7.98	8.74	6.10
2015 ²²	N/A	4.66	7.12	7.90	5.72
2016 ^{21, 27}	N/A	5.03	8.12	9.01	6.47
2017 ^{22, 27}	N/A	5.36	8.46	9.41	6.71
2018 ^{22, 27}	N/A	5.74	9.09	10.35	7.52
2019 ²⁴	N/A	8.58	9.48	10.79	7.85
2020	N/A	7.55	8.59	9.80	7.10
2021	N/A	7.87	8.84	10.07	7.33
2022	N/A	8.43	9.17	10.41	7.62
2023 ²⁸	N/A	8.75	8.99	11.79	10.68
2024	N/A	8.69	8.90	11.68	10.75
2025	N/A	7.60	8.67	11.28	10.12

²⁷ Funding based on P.A. 99-0506

²⁸ Prior to 2023, 30-year "Rolling" Entry Age Level Dollar actuarial cost method is used. In 2023, the actuarial cost method was changed to a 20-year "Layered" Entry Age Level % of Pay actuarial cost method with a 1.50% salary increase assumption.

Section 4: Reporting Information

Exhibit 6: State reporting disclosure (40 ILCS 5/1A-110 (b)(5)(iv))

Information as of December 31	2025	2024
Actuarial Accrued Liability		
Retirees and beneficiaries	\$5,407,487,603	\$5,152,112,439
Active members	1,820,929,654	1,557,437,224
Accumulated active employee contributions	788,807,097	778,005,747
Payable to vested employees	<u>12,570,660</u>	<u>7,608,134</u>
Total	\$8,029,795,014	\$7,487,555,410
Net Assets Available for Benefits, Actuarial Value	\$1,981,093,049	\$1,826,857,846
Unfunded Actuarial Accrued Liability	\$6,048,701,965	\$5,660,697,564
Percent Funded	24.67%	24.40%
Unfunded actuarial accrued liability as a percentage of payroll	1,001.10%	1,069.89%
Payroll	\$604,204,092	\$529,090,215

Section 4: Reporting Information

Exhibit 7: Actuarial reserve liabilities

Information as of December 31	2025	2024
Accrued Liability for:		
Active members ²⁹	\$2,609,736,751	\$2,327,834,837
Inactive members	12,570,660	7,608,134
Reserves for:		
Retirees	4,704,773,882	4,475,143,635
Spouse annuitants	307,130,599	297,055,982
Compensation widows	54,109,611	56,460,497
Ordinary disability	435,471	223,625
Occupational disease disability	86,686,385	83,395,428
Duty disability	245,454,909	230,947,357
Child annuitants	8,896,746	8,885,915
Parent annuitants	0	<u>0</u>
Total Accrued Liability	\$8,029,795,014	\$7,487,555,410
Actuarial Net Assets	<u>1,981,093,049</u>	<u>1,826,857,846</u>
Unfunded Actuarial Liabilities	\$6,048,701,965	\$5,660,697,564

²⁹ Accrued liability for active participants includes retirement liability for members in ordinary disability status.

Section 4: Reporting Information

Exhibit 8: Ordinary death benefit reserve

Information as of December 31	2025	2024
Assets		
Fund Balance	\$29,496,422	\$28,068,912
Present value of future contributions		
Contributions by members at \$30 per year	\$1,480,891	1,516,723
Annual city contribution of \$142,000	<u>1,499,690</u>	1,503,488
Unfunded liability	(8,831,035)	<u>(7,621,434)</u>
Total assets	\$23,645,968	\$23,467,689
Liabilities		
Present value of future death benefits³⁰		
Active members	\$9,204,169	\$9,441,689
Retirees	<u>14,441,799</u>	<u>14,026,000</u>
Total Liabilities	\$23,645,968	\$23,467,689

³⁰ Death benefit liabilities calculated with Plan mortality and 3% discount rate.

Section 4: Reporting Information

Exhibit 9: Projection of contributions, liabilities, and assets

Based on the results of the December 31, 2025, actuarial valuation, we have projected valuation results for a 37-year period (from December 31, 2025, through December 31, 2062).

For purposes of the projections, all assets, contributions, and benefit payments have been included. Our projections of contributions, liabilities, and assets are based on the actuarial assumptions, membership data and benefit provisions that were used for the regular actuarial valuation.

In order to determine projected contributions, liabilities, and assets, certain calculations need to be made that are not normally required in a regular actuarial valuation. Benefit payout requirements, actuarial liabilities, and payroll were estimated over the period from 2026 through 2062 by projecting the membership of the Fund over the 37-year period, taking into account the impact of new entrants into the Fund.

To make the required projections, assumptions needed to be made regarding the age and salary distribution of new entrants as well as the size of the active membership of the Fund. The assumptions regarding the profile of new entrants to the Fund were based on the recent experience of the Fund regarding new entrants. The size of the active membership of the Fund was assumed to remain constant over the 37-year projection period. The results of our projections are shown on the following pages.

According to the City's Pension Management Policy, "...[s]tarting in fiscal year 2023, the City will annually budget for an advance pension contribution which, in addition to the statutorily required contribution, and in the determination of the CFO, will not increase the total net pension liability of the City's four pension funds based on best efforts projections and information available at the time of budget." For 2026 the City's additional pension payment of \$5,791,572 is included in the Market Value of Assets and Actuarial Value of Assets. No future additional supplemental pension payments are reflected in the schedule.

Section 4: Reporting Information

Exhibit 9: Projection of contributions, liabilities, and assets (continued)

Projection and Development of Statutory Contribution Based on the December 31, 2025, Actuarial Valuation

(All dollar amounts are in thousands. Employer Contributions are shown on a cash basis in the fiscal year they are actually paid, not receivable.)

The funded ratio includes receivable contributions. Actuarial Liability and asset figures as of end of year.)

Year Ending	Actuarial Accrued Liability	Market Value of Assets	Actuarial Value of Assets	Unfunded Liability	Actuarial Value Funded Ratio	Capped Payroll	Employer Normal Cost	Statutory Contribution	Statutory Contribution as % of Pay	Employer Supplemental Contribution	Employee Contributions	Benefit Payments	Admin Expenses
2025	\$8,029,795	\$2,027,244	\$1,981,093	\$6,048,702	24.67%	\$604,204	\$68,168	\$444,627	73.59%	\$15,641	\$54,480	\$452,301	\$3,917
2026	8,229,235	2,165,604	2,099,852	6,129,382	25.52%	635,700	90,023	441,747	69.49%	5,792	58,148	478,807	3,917
2027	8,427,154	2,308,715	2,271,899	6,155,255	26.96%	647,649	90,687	458,992	70.87%	0	59,238	494,986	4,015
2028	8,621,878	2,452,169	2,434,726	6,187,152	28.24%	661,300	92,686	468,666	70.87%	0	60,484	514,221	4,115
2029	8,814,642	2,599,314	2,599,314	6,215,328	29.49%	677,860	94,984	480,402	70.87%	0	61,995	532,620	4,218
2030	9,006,269	2,753,161	2,753,161	6,253,108	30.57%	697,634	97,690	494,416	70.87%	0	63,799	550,809	4,324
2031	9,195,505	2,911,996	2,911,996	6,283,509	31.67%	715,593	100,081	507,144	70.87%	0	65,438	569,644	4,432
2032	9,383,737	3,078,110	3,078,110	6,305,627	32.80%	733,931	102,364	520,140	70.87%	0	67,111	586,901	4,542
2033	9,571,530	3,252,997	3,252,997	6,318,533	33.99%	752,832	104,671	533,535	70.87%	0	68,836	603,617	4,656
2034	9,759,806	3,439,221	3,439,221	6,320,585	35.24%	773,424	107,139	548,129	70.87%	0	70,715	619,731	4,772
2035	9,950,113	3,639,353	3,639,353	6,310,760	36.58%	795,430	110,255	563,724	70.87%	0	72,723	635,173	4,892
2036	10,142,820	3,854,104	3,854,104	6,288,717	38.00%	816,285	113,024	578,505	70.87%	0	74,626	649,924	5,014
2037	10,338,984	4,084,966	4,084,966	6,254,018	39.51%	837,051	116,109	593,222	70.87%	0	76,521	664,126	5,139
2038	10,538,699	4,333,493	4,333,493	6,205,206	41.12%	858,458	119,054	608,392	70.87%	0	78,474	678,372	5,268
2039	10,742,604	4,601,145	4,601,145	6,141,459	42.83%	879,905	122,142	623,592	70.87%	0	80,432	692,381	5,400
2040	10,951,692	4,890,187	4,890,187	6,061,504	44.65%	902,472	125,726	639,585	70.87%	0	82,491	706,313	5,534
2041	11,165,107	5,201,418	5,201,418	5,963,689	46.59%	925,258	128,918	655,734	70.87%	0	84,570	721,023	5,673
2042	11,382,609	5,536,997	5,536,997	5,845,612	48.64%	949,509	131,961	672,921	70.87%	0	86,783	736,226	5,815
2043	11,604,462	5,899,345	5,899,345	5,705,117	50.84%	974,738	134,898	690,801	70.87%	0	89,085	751,415	5,960
2044	11,830,022	6,289,817	6,289,817	5,540,206	53.17%	1,000,675	137,838	709,182	70.87%	0	91,452	767,576	6,109
2045	12,058,769	6,709,334	6,709,334	5,349,435	55.64%	1,026,393	140,818	727,409	70.87%	0	93,799	784,502	6,262
2046	12,290,369	7,159,689	7,159,689	5,130,680	58.25%	1,052,379	143,622	745,825	70.87%	0	96,170	801,795	6,418
2047	12,525,571	7,643,577	7,643,577	4,881,994	61.02%	1,078,833	146,679	764,573	70.87%	0	98,584	818,852	6,579
2048	12,764,918	8,164,808	8,164,808	4,600,110	63.96%	1,107,099	149,767	784,606	70.87%	0	101,163	835,812	6,743
2049	13,008,230	8,725,886	8,725,886	4,282,344	67.08%	1,136,228	152,992	805,249	70.87%	0	103,821	853,432	6,912
2050	13,256,479	9,329,547	9,329,547	3,926,932	70.38%	1,164,836	156,479	825,524	70.87%	0	106,432	870,590	7,085
2051	13,509,255	9,979,176	9,979,176	3,530,079	73.87%	1,195,347	160,058	847,148	70.87%	0	109,216	888,732	7,262
2052	13,767,129	10,678,287	10,678,287	3,088,842	77.56%	1,225,804	163,445	868,732	70.87%	0	111,995	906,409	7,443
2053	14,032,382	11,433,372	11,433,372	2,599,010	81.48%	1,258,539	167,207	891,932	70.87%	0	114,982	922,802	7,629
2054	14,305,832	12,249,077	12,249,077	2,056,755	85.62%	1,292,687	171,369	916,133	70.87%	0	118,098	939,424	7,820
2055	14,588,120	13,129,308	13,129,308	1,458,812	90.00%	1,326,733	175,703	940,261	70.87%	0	121,205	956,123	8,016
2056	14,879,122	13,991,046	13,991,046	1,488,076	90.00%	1,361,958	180,206	277,916	20.41%	0	124,419	973,798	8,216
2057	15,179,385	13,661,272	13,661,272	1,518,113	90.00%	1,397,465	184,658	272,701	19.51%	0	127,659	991,480	8,421
2058	15,490,302	13,941,086	13,941,086	1,549,216	90.00%	1,434,668	189,340	278,580	19.42%	0	131,054	1,008,807	8,632
2059	15,813,143	14,231,630	14,231,630	1,581,513	90.00%	1,472,685	194,306	284,894	19.35%	0	134,523	1,025,963	8,848
2060	16,150,020	14,534,806	14,534,806	1,615,214	90.00%	1,511,547	199,658	291,497	19.28%	0	138,069	1,042,323	9,069
2061	16,501,435	14,851,065	14,851,065	1,650,370	90.00%	1,551,708	205,360	298,523	19.24%	0	141,734	1,059,591	9,296
2062	16,867,119	15,180,165	15,180,165	1,686,954	90.00%	1,592,044	211,083	305,704	19.20%	0	145,414	1,078,100	9,528

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Exhibit 10.1: Comparison of employer contribution to actuarially determined contribution

Plan Year Ended December 31	Actuarially Determined Contributions (ADC) ³¹	Actual Contributions ³²	Percentage Contributed
2017	\$372,845,121	\$228,452,611	48.67%
2018	412,220,284	249,684,038	54.64%
2019	442,044,761	255,382,266	57.77%
2020	466,556,303	368,422,961	78.97%
2021	476,497,828	367,481,614	77.12%
2022	509,936,459	399,209,599	78.29%
2023	528,571,846	467,097,920	88.37%
2024	541,052,087	472,121,765	87.26%
2025	554,649,609	460,267,631	82.98%
2026	588,720,377	--	--

³¹ The FABF Statutory Funding Policy does not satisfy all of the conditions for a reasonable method outlined in Actuarial Standards of Practice No. 4. Therefore, the actuary has calculated and disclosed an Actuarially Determined Contribution that is equal to employer normal cost payment plus layered amortization payments on the unfunded actuarial accrued liability. Amounts from 2016-2023 were calculated based on the normal cost plus an amount to amortize the unfunded actuarial accrued liability using level dollar payments and a 30-year amortization period.

³² Receivable amount to be paid the following year. Includes supplemental pension payments of \$38,720,000 in 2023, \$28,274,000 in 2024, and \$15,640,948 in 2025.

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Exhibit 10.2: History of active member valuation data

December 31	Active Members	Percent Increase	Annual Salaries	Percent Increase	Average Salary	Percent Increase	Wage Inflation Assumption	CPI Chicago
1995	4,678	(1.6%)	\$228,604,584	0.8%	\$48,868	2.5%	6.00%	3.2%
1996	4,806	2.7%	233,033,832	1.9%	48,488	(0.8%)	6.00%	2.7%
1997	4,856	1.0%	234,726,936	0.7%	48,338	(0.3%)	5.00%	2.7%
1998	4,783	(1.5%)	262,248,978	11.7%	54,829	13.4%	5.00%	1.5%
1999	4,855	1.5%	271,335,540	3.5%	55,888	1.9%	5.00%	2.6%
2000	4,878	0.5%	275,106,756	1.4%	56,397	0.9%	5.00%	4.0%
2001	4,930	1.1%	277,964,912	1.0%	56,382	0.0%	5.00%	0.8%
2002	4,910	(0.4%)	277,053,144	(0.3%)	56,426	0.1%	5.00%	2.5%
2003	4,909	0.0%	335,170,501	21.0%	68,277	21.0%	5.00%	1.7%
2004	4,856	(1.1%)	334,423,753	(0.2%)	68,868	0.9%	5.00%	2.2%
2005	4,999	2.9%	341,252,492	2.0%	68,264	(0.9%)	5.00%	3.6%
2006	5,078	1.6%	387,442,074	13.5%	76,298	11.8%	5.00%	0.7%
2007	4,938	(2.8%)	388,881,954	0.4%	78,753	3.2%	5.00%	4.7%
2008	5,037	2.0%	396,181,778	1.9%	78,654	(0.1%)	5.00%	(0.6%)
2009	5,137	2.0%	400,912,173	1.2%	78,044	(0.8%)	5.00%	2.5%
2010	5,052	(1.7%)	400,404,320	(0.1%)	79,257	1.6%	5.00%	1.2%
2011	4,842	(4.2%)	425,385,354	6.2%	87,853	10.8%	5.00%	2.1%
2012	4,740	(2.1%)	418,964,763	(1.5%)	88,389	0.6%	5.00%	1.7%
2013	4,685	(1.2%)	416,491,784	(0.6%)	88,899	0.6%	4.25%	0.5%
2014	4,809	2.6%	443,743,202	6.5%	92,273	3.8%	4.25%	1.5%
2015	4,735	(1.5%)	449,037,894	1.2%	94,834	2.8%	3.75%	0.0%
2016	4,760	0.5%	461,906,144	2.9%	97,039	2.3%	3.75%	1.9%
2017	4,613	(3.1%)	452,800,481	(2.0%)	98,157	1.2%	3.75%	1.7%
2018	4,487	(2.7%)	440,816,101	(2.6%)	98,243	0.1%	3.50%	1.1%
2019	4,630	3.2%	457,082,316	3.7%	98,722	0.5%	3.50%	2.2%
2020	4,697	1.4%	500,367,870	9.5%	106,529	7.9%	3.50%	0.9%
2021	4,735	0.8%	520,047,197	3.9%	109,830	3.1%	3.50%	6.6%
2022	4,767	0.7%	525,479,549	1.0%	110,233	0.4%	3.50%	5.5%
2023	4,712	(1.2%)	523,828,926	(0.3%)	111,169	0.8%	3.50%	3.3%
2024	4,775	1.3%	529,090,215	1.0%	110,804	(0.3%)	3.50%	3.9%
2025	4,674	(2.12%)	604,205,092	14.20%	129,269	16.66%	3.50%	2.2%
Average Increase for the past 5				3.8%		3.9%		4.3%

Section 4: Reporting Information

Exhibit 10.3: New annuities granted during 2025

Item	Annuitants	Widow(er)s of Deceased Employees ³³	Widow(er)s of Deceased Annuitants	Compensation Widow(er)s ³⁴
Number retired/deceased	219	1	62	1
Average age attained	60.2	46.6	74.6	53.3
Average length of service	27.7	21.0	31.8	28.0
Average spouse age	58.2	N/A	N/A	N/A
Average annual salary	\$128,359	N/A	N/A	N/A
Average annual final salary	\$129,993	N/A	N/A	N/A
Total annual annuity	\$19,509,059	\$35,627	\$2,990,223	\$116,673
Average annual annuity	\$89,082	\$35,627	\$48,229	\$116,673
Total statutory liability	\$324,446,996	\$496,129	\$25,281,792	\$1,784,496
Average liability	\$1,481,493	\$496,129	\$407,771	\$1,784,496
Total investment (employee paid)	\$64,897,365	N/A	N/A	N/A
Average investment ³⁵	\$296,335	N/A	N/A	N/A
Liability/cost	5.00	N/A	N/A	N/A
Liability/final pay	11.40	N/A	N/A	N/A

³³ Based on previously taxed contributions.

³⁴ Not including compensation or supplemental.

³⁵ Does not include transfers from Supplemental Widows.

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Exhibit 10.4: History of retirees and beneficiaries by type of benefit

December 31	Employee Annuitant	Spouse Annuitant	Supp. Widow(er) Annuitant ³⁶	Child Annuitant	Parent Annuitant	Ordinary Disability	Duty Disability	Occupational Disability	Widow(er) Comp. Annuitant	Total
1996	2,257	1,328	61	110	1	8	292	169	44	4,270
1997	2,235	1,348	60	111	1	11	296	194	46	4,302
1998	2,251	1,360	56	125	2	8	295	197	49	4,343
1999	2,351	1,450	56	139	2	5	295	203	49	4,550
2000	2,538	1,440	51	132	2	6	257	139	49	4,614
2001	2,422	1,330	-	116	2	2	262	147	89	4,370
2002	2,411	1,330	-	121	1	2	257	144	85	4,351
2003	2,412	1,322	-	119	1	3	249	121	82	4,309
2004	2,441	1,352	-	114	1	7	244	113	81	4,353
2005	2,442	1,330	-	111	1	7	254	107	105	4,357
2006	2,459	1,322	-	110	1	6	257	113	114	4,382
2007	2,488	1,300	-	105	1	4	266	114	113	4,391
2008	2,471	1,306	-	98	1	4	269	124	108	4,381
2009	2,556	1,292	-	89	1	4	262	121	107	4,432
2010	2,577	1,261	-	83	1	4	259	124	100	4,409
2011	2,665	1,253	-	85	1	4	249	121	100	4,478
2012	2,821	1,260	-	83	1	2	232	116	98	4,613
2013	2,883	1,242	-	83	1	2	220	112	99	4,642
2014	2,977	1,222	-	82	1	1	220	108	93	4,704
2015	3,044	1,198	-	79	1	3	212	107	88	4,732
2016	3,130	1,175	-	84	1	3	202	100	85	4,780
2017	3,257	1,181	-	79	1	8	190	86	84	4,886
2018	3,422	1,181	-	78	1	6	170	89	81	5,028
2019	3,537	1,184	-	70	1	8	166	85	77	5,128
2020	3,632	1,174	-	75	1	12	172	83	72	5,221
2021	3,681	1,151	-	74	1	12	196	80	70	5,265
2022	3,761	1,138	-	70	1	8	184	69	69	5,300
2023	3,820	1,137	-	74	-	6	190	74	68	5,369
2024	3,897	1,146	-	79	-	5	195	72	66	5,460
2025	4,006	1,128	-	82	-	3	202	73	63	5,557

³⁶ In 2001, all Supplemental Widows were moved into the Compensation Widows group.

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Exhibit 10.5: History of average employee retirement benefits payable

Retirement Year	All Retirees Average Annual Benefit	All Retirees Average Age	Retirees Who Retired During the Prior Year Average Annual Benefit	Retirees Who Retired During the Prior Year Average Age	Retirees Who Retired During the Prior Year Average Years of Service
1996	\$29,304	70	\$40,406	60.4	32.0
1997	30,787	70	41,543	59.8	31.6
1998	32,503	71	43,905	60.1	32.1
1999	34,067	71	44,001	60.4	31.4
2000	36,458	71	48,534	63.5	34.2
2001	38,048	71	45,768	60.2	30.9
2002	40,052	71	45,346	59.7	30.8
2003	42,131	71	50,943	60.2	31.7
2004	45,675	71	59,608	60.0	32.1
2005	47,917	71	59,117	59.2	31.4
2006	50,171	71	61,172	57.7	30.1
2007	52,446	71	64,076	58.1	30.0
2008	54,492	71	61,577	57.4	29.6
2009	57,023	71	67,310	57.8	30.3
2010	59,133	71	67,386	59.0	29.7
2011	61,879	71	70,893	58.5	29.4
2012	64,860	70	75,675	58.5	30.4
2013	67,286	70	73,808	57.6	30.2
2014	69,977	70	78,042	57.4	30.5
2015	71,823	70	73,541	58.4	28.7
2016	74,125	70	78,725	58.6	29.6
2017	77,904	69	82,815	58.4	30.4
2018	80,461	69	83,938	58.6	29.9
2019	83,088	69	83,406	59.0	29.0
2020	85,431	69	82,683	59.7	29.3
2021	88,157	69	84,346	59.5	28.0
2022	90,423	69	89,141	60.2	29.5
2023	92,583	70	86,777	60.7	27.6
2024	94,584	70	85,394	60.2	27.2
2025	96,519	70	89,082	59.9	27.7

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Exhibit 10.6: History of annuities 1996 - 2025

December 31	Employee Annuitants Number	Employee Annuitants Total Annuities	Employee Annuitants Average Annuities	Widow/Widower Annuitants Number	Widow/Widower Annuitants Total Annuities	Widow/Widower Annuitants Average Annuities
1996	2,257	\$66,139,690	\$29,304	1,389	\$14,709,232	\$10,590
1997	2,235	68,808,890	30,787	1,409	15,397,832	10,928
1998	2,251	73,163,601	32,503	1,418	15,969,975	11,262
1999	2,351	80,090,897	34,067	1,508	18,136,173	12,027
2000	2,538	92,529,624	36,458	1,493	18,352,906	12,293
2001	2,422	92,152,832	38,048	1,332	16,516,021	12,399
2002	2,411	96,565,842	40,052	1,331	17,006,519	12,777
2003	2,412	101,620,962	42,131	1,323	17,490,584	13,220
2004	2,441	111,491,737	45,675	1,353	19,297,527	14,263
2005	2,442	117,014,053	47,917	1,331	20,481,794	15,388
2006	2,459	123,371,713	50,171	1,323	21,123,202	15,966
2007	2,488	130,485,435	52,446	1,301	21,290,764	16,365
2008	2,471	134,649,295	54,492	1,307	22,164,269	16,958
2009	2,556	145,751,375	57,023	1,293	22,652,897	17,520
2010	2,577	152,385,721	59,133	1,262	22,832,364	18,092
2011	2,665	164,908,801	61,879	1,254	23,449,616	18,700
2012	2,821	182,970,558	64,860	1,261	24,681,837	19,573
2013	2,883	193,984,459	67,286	1,243	25,252,147	20,315
2014	2,977	208,322,397	69,977	1,223	25,524,937	20,871
2015	3,044	218,628,245	71,823	1,199	26,048,384	21,725
2016	3,130	232,010,024	74,125	1,176	26,436,619	22,480
2017	3,257	253,734,772	77,904	1,182	28,637,750	24,228
2018	3,422	275,336,159	80,461	1,182	29,674,018	25,105
2019	3,537	293,881,951	83,088	1,184	30,733,318	25,957
2020	3,632	310,284,118	85,431	1,174	31,899,939	27,172
2021	3,681	324,506,728	88,157	1,151	32,634,414	28,353
2022	3,761	340,081,925	90,423	1,138	33,821,665	29,720
2023	3,820	353,667,735	92,583	1,137	36,337,958	31,960
2024	3,897	368,593,446	94,584	1,146	38,208,380	33,341
2025	4,006	386,653,292	96,519	1,128	39,109,603	34,672

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Exhibit 10.7: History of employee annuitants added to payrolls 2006 - 2025

Year Ended 12/31	Number Added ³⁷	Annual Payment Added ³⁷	Number Removed	Annual Payment Removed	End of Year Number	End of Year Annual Payment	Average Annual Benefit	Increase in Average Benefit
2006	123	\$10,689,546	106	\$4,331,886	2,459	\$123,371,713	\$50,171	4.70%
2007	126	11,168,192	97	4,054,470	2,488	130,485,435	52,446	4.50%
2008	109	9,696,869	126	5,533,009	2,471	134,649,295	54,492	3.90%
2009	185	15,610,755	100	4,508,675	2,556	145,751,375	57,023	4.60%
2010	117	11,242,038	96	4,607,692	2,577	152,385,721	59,133	3.70%
2011	197	18,074,820	109	5,551,740	2,665	164,908,801	61,879	4.60%
2012	275	24,560,716	119	6,498,959	2,821	182,970,558	64,860	4.80%
2013	187	17,780,058	125	6,766,157	2,883	193,984,459	67,286	3.70%
2014	211	20,629,503	117	6,291,565	2,977	208,322,397	69,977	4.00%
2015	175	17,023,263	108	6,717,415	3,044	218,628,245	71,823	2.60%
2016	199	20,036,064	113	6,654,285	3,130	232,010,024	74,125	3.20%
2017	252	29,720,953	125	7,996,205	3,257	253,734,772	77,904	5.10%
2018	278	29,352,500	113	7,751,113	3,422	275,336,159	80,461	3.30%
2019	243	26,821,900	128	8,276,108	3,537	293,881,951	83,088	3.30%
2020	232	26,120,255	137	9,718,087	3,632	310,284,118	85,431	2.80%
2021	164	22,742,673	115	8,520,063	3,681	324,506,728	88,157	3.20%
2022	190	24,615,489	110	9,040,292	3,761	340,081,925	90,423	2.60%
2023	176	23,181,396	117	9,595,586	3,820	353,667,735	92,583	2.40%
2024	189	24,300,617	112	9,374,906	3,897	368,593,446	94,584	2.20%
2025	219	27,941,984	110	9,882,138	4,006	386,653,292	96,519	2.00%

³⁷ Includes COLA increases for continuing annuitants.

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Exhibit 10.8: History of widow/widowers added to payrolls 2006 - 2025

Year Ended 12/31	Number Added ³⁸	Annual Payment Added ³⁸	Number Removed	Annual Payment Removed	End of Year Number	End of Year Annual Payment	Average Annual Benefit	Increase in Average Benefit
2006	84	\$1,964,568	92	\$1,323,160	1,323	\$21,123,202	\$15,966	3.8%
2007	59	1,341,091	81	1,173,529	1,301	21,290,764	16,365	2.5%
2008	77	1,796,751	71	923,246	1,307	22,164,269	16,958	3.6%
2009	66	1,605,852	80	1,117,224	1,293	22,652,897	17,520	3.3%
2010	55	1,404,275	86	1,224,808	1,262	22,832,364	18,092	3.3%
2011	62	1,661,849	70	1,044,597	1,254	23,449,616	18,700	3.4%
2012	79	2,361,949	72	1,129,728	1,261	24,681,837	19,573	4.7%
2013	71	2,032,935	89	1,462,625	1,243	25,252,147	20,315	3.8%
2014	59	1,675,707	79	1,402,917	1,223	25,524,937	20,871	2.7%
2015	61	2,029,302	85	1,505,855	1,199	26,048,384	21,725	4.1%
2016	64	2,523,786	87	1,612,104	1,176	26,436,619	22,480	3.5%
2017	83	3,605,382	77	1,404,251	1,182	28,637,750	24,228	7.8%
2018	71	4,644,122	71	1,406,722	1,182	29,674,018	25,105	3.6%
2019	68	2,394,217	66	1,334,917	1,184	30,733,318	25,957	3.4%
2020	81	3,115,757	91	1,949,136	1,174	31,899,939	27,172	4.7%
2021	65	2,558,463	88	1,823,988	1,151	32,634,414	28,353	4.3%
2022	65	2,809,221	78	1,824,299	1,138	33,821,665	29,720	4.8%
2023	72	3,049,802	73	533,509	1,137	36,337,958	31,960	7.5%
2024	83	3,738,604	74	1,868,183	1,146	38,208,380	33,341	4.3%
2025	63	3,025,850	81	2,124,627	1,128	39,109,603	34,672	4.0%

³⁸ Includes COLA increases for continuing annuitants.

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Exhibit 11.1: Actuarial assumptions and actuarial cost method

Rationale for assumptions

The information and analysis used in supporting each assumption that has a significant effect on this actuarial valuation is shown in the Experience Study performed for the period January 1, 2017, through December 31, 2021. Current data is reviewed in conjunction with each annual valuation.

Mortality rates

Post-retirement: The PubS-2010 Retiree Amount-weighted Mortality Table, using 119% of rates for males and 100% of rates for females (effective December 31, 2022)

Beneficiary: The Pub-2010 Contingent Survivor Amount-weighted Mortality Table, using 100% of rates for males and 113% of rates for females (effective December 31, 2022)

Disabled: The PubS-2010 Disabled Retiree Amount-weighted Mortality Table (effective December 31, 2022)

Pre-retirement: The PubS-2010 Employee Amount-weighted Mortality Table (effective December 31, 2022)

The mortality tables specified above were determined to reasonably reflect the mortality experience of the Plan as of the experience study's consideration date of December 31, 2021. The mortality tables are then adjusted to future years using generational projection under scale MP-2021 to reflect future mortality improvements.

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Termination rates before retirement

These service-based rates are based on recent experience of the Fund (effective December 31, 2017).

Service	Rate (%)
0 – 0.99	2.00
1 – 1.99	0.80
2 – 8.99	0.60
9 – 13.99	0.50
14 – 29.99	0.40
30 and over	0.00

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Retirement rates

Retirement rates are based on the recent experience of the Fund (effective December 31, 2022).

Hired Before January 1, 2011	Hired Before January 1, 2011	Hired Before January 1, 2011	Hired Before January 1, 2011	Hired Before January 1, 2011
Attained Age	Firefighters	Paramedics	Firefighters	Paramedics
50	1.50%	2.00%	1.00%	1.00%
51	1.50%	2.75%	1.00%	1.00%
52	1.50%	2.75%	1.00%	1.00%
53	1.50%	3.50%	1.00%	1.00%
54	7.50%	12.00%	1.00%	1.00%
55	17.50%	20.00%	19.50%	22.00%
56	12.00%	12.00%	13.00%	13.00%
57	13.00%	12.00%	14.00%	13.00%
58	13.00%	12.00%	14.00%	13.00%
59	15.50%	14.00%	15.50%	14.00%
60	22.50%	15.00%	22.50%	15.00%
61	25.00%	30.00%	25.00%	30.00%
62	67.00%	25.00%	67.00%	25.00%
63	100.00%	25.00%	100.00%	25.00%
64		25.00%		25.00%
65		100.00%		100.00%

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Disability rates

Retirement rates are based on the recent experience of the Fund (effective December 31, 2022).

Attained Age	Rate
20 – 29	0.09%
30 – 34	0.10%
35 – 39	0.15%
40 – 44	0.32%
45 – 49	0.43%
50 – 54	0.74%
55 – 59	1.46%
60 – 63	1.75%

55% of disabilities are assumed to be duty disability, 35% occupational disability, and 10% ordinary disability.

Unknown data for participants

Same as those exhibited by participants with similar known characteristics. If not specified, participants are assumed to be male.

Spouse

75% of members are assumed to be married, female spouses are assumed to be three years younger than male spouses, and 100% of spouses are assumed to be opposite gender. No assumption is made about other dependents.

Reciprocal service

No assumption for reciprocal service.

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Military service

No assumption for military service.

Benefit service

Exact fractional years of service are used to determine the amount of benefit payable. After a participant has 20 years of service, future benefit service is increased to the nearest integer.

Decrement timing

All decrements are assumed to occur mid-year.

Decrement relativity

Decrement rates are used directly, without adjustment for multiple decrement table effects.

Decrement operation

Turnover decrements do not operate after member reached retirement eligibility for a minimum annuity formula benefit.

Eligibility testing

Eligibility for benefits is determined based upon the age nearest birthday and service on the date the decrement is assumed to occur.

Pay increase timing

Beginning of the fiscal year.

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Beneficiary COLA approximation

For current retirees, benefits for future survivors were increased by 35% to approximate the value of COLA benefits earned prior to the retirees' death.

Member contributions

Based on payroll, adjusted to the middle of the year.

Net investment return

6.75% per year, net of investment expense (effective December 31, 2018). The 6.75% assumption is composed of 2.50% inflation plus 4.25% real rate of return (effective December 31, 2022).

Inflation

2.50% per year (effective December 31, 2022). The inflation assumption is used to determine annual increases in pension and the pensionable salary cap for Tier 2 members.

Wage inflation

3.50% per year.

Payroll growth

2.50% per year. The payroll growth assumption reflects the fact that future salaries of Tier 2 members are limited to the pensionable salary cap, which increases by the lesser of 3% or the change in CPI-U, not less than zero.

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Salary increases

Years of Service	Base Rate	Wage Inflation	Total
0	21.50%	3.50%	25.00%
1	9.50%	3.50%	13.00%
2	5.75%	3.50%	9.25%
3	4.75%	3.50%	8.25%
4	4.75%	3.50%	8.25%
5	0.50%	3.50%	4.00%
6 – 8	0.00%	3.50%	3.50%
9	3.25%	3.50%	6.75%
10 – 13	0.00%	3.50%	3.50%
14	3.25%	3.50%	6.75%
15 – 18	0.00%	3.50%	3.50%
19	3.75%	3.50%	7.25%
20 – 23	0.00%	3.50%	3.50%
24	3.00%	3.50%	6.50%
25 – 28	0.00%	3.50%	3.50%
29	1.25%	3.50%	4.75%
30 and over	0.00%	3.50%	3.50%

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Administrative expenses

Equal to actual expenses for the prior year. For purposes of the projection, future administrative expenses are assumed to increase by 2.50% each year.

Actuarial value of assets

Fair value of assets less unrecognized returns in each of the last five years. Unrecognized return is equal to the difference between the actual fair value return and the expected return on the fair value and is recognized over a five-year period.

Actuarial cost method

Entry Age Normal. Under this method, a normal cost is calculated for each employee that is the level annual contribution as a percent of pay required to be made from the employee's date of hire for as long as he/she remains active so that sufficient assets will be accumulated to provide his/her benefit. The accrued liability is the difference between the present value of all future benefits and the present value of all future normal costs.

Amortization Period

Closed 20-year amortization period

Changes in Assumptions and Methods

The following assumptions were changed in conjunction with the plan changes effective in this valuation:

- Payroll growth assumption, previously 1.50%
- Annual increase in pay cap, previously 1.25%

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Exhibit 11.2: Projection assumptions

Active population

Active members who are expected to terminate, retire, become disabled, or die during the year are replaced by new entrants such that the number of active members remains level during the projection period, based on the most recent actuarial valuation.

New entrant profile

The entry age of future new entrants is based on the profile of current active members hired over the last five years with one or more years of service as of December 31, 2025. These members were hired from January 1, 2020, through December 31, 2025. Approximately 90% of the new entrants are assumed male.

Entry Age	Number
Less than 25	78
25 to 30	416
30 to 35	471
35 to 40	271
40 to 45	26
45 and over	16

New entrant starting pay

Based on the most recent employment contract, new entrants were assumed to earn \$74,526 for the plan year ending December 31, 2025. The new entrant pay for member hired after 2025 is assumed to increase by the wage inflation assumption of 3.50%.

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New entrant salary increases

Salary increases for new entrants subsequent to their starting pay at hire are based on the service-based salary increase assumptions.

The projections assume pay cap increases from \$141,408 to \$145,650 as of July 1, 2026, increasing by 2.50% per year after plan year 2026. The annual increase of 2.50% is based on the CPI-U increase, which is assumed to be 2.50%.

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Exhibit 12: Summary of plan provisions

This exhibit summarizes the major provisions of the Plan included in the valuation. It is not intended to be, nor should it be interpreted as, a complete statement of all plan provisions.

Membership

Any employee of the City of Chicago in its fire service as a firefighter, fire paramedic, fire engineer, marine engineer, or fire pilot, whose duty is to participate in the work of controlling and extinguishing fire at the location of any such fire, whether or not he is assigned to fire service other than the actual extinguishing of fire.

Tiers

Tier 1: First hired before January 1, 2011

Tier 2: First hired on or after January 1, 2011

Employee contributions

Members of the Fund are required to contribute 9 1/8% of pensionable salary to the Fund as follows: 7 1/8% for the firefighter's annuity, 1.5% for the spouse's annuity, 3/8 of 1% for the automatic increases in the retirement annuity, and 1/8 of 1% for ordinary disability benefits. The contribution for ordinary disability benefits is not refundable.

Employer contributions

Employer contributions are set by statute. Employees are credited with employer contributions for the calculation of their Earned Annuity benefit as follows: 8.5% for the firefighter's annuity, 2% for the spouse's annuity. These contributions are non-refundable to the member and are only used in the calculation of the Earned Annuity benefit.

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Final average salary

For Tier 1 members, the final average salary is the average monthly salary obtained by dividing the total salary of the fireman during the 48 consecutive months of service within the last 120 months of service in which the total salary was the highest by the number of months of service in that period.

For Tier 2 members, the final average salary is the greater of (1) the average monthly salary obtained by dividing the total salary of the fireman during the 96 consecutive months of service within the last 120 months of service in which the total salary was the highest by the number of months of service in that period and (2) the average monthly salary obtained by dividing the total salary of the fireman during the 48 consecutive months of service within the last 120 months of service in which the total salary was the highest by the number of months of service in that period. Pensionable salary is limited to \$106,480 in 2011, increased by the lesser of 3% or ½ of the change in CPI-U, not less than zero. For 2025, the salary limit was \$127,283.

Final average salary includes duty disability pay adjustments. For 2025 this amount was \$333.33 per month.

Effective July 1, 2025, the salary limit was increased to \$141,408 and \$145,650 as of July 1, 2026, and shall increase annually thereafter by the lesser of (i) 3% of that amount, including all previous adjustments, or (ii) the annual unadjusted percentage increase in the CPI-U for the 12 months ending with September preceding each November 1, including all previous adjustments.

Service

All periods of active service, vacation, leave of absence with whole or part pay, military service, periods of disability for which the member receives a disability benefit, and leave of absence without pay to perform the duties of a member of the General Assembly prior to January 9, 1997. Service is computed on a day-to-day basis. Employees may purchase the 1980 strike time and periods of suspension less than one year. Employees may purchase, with 4% interest, periods of employment of the Chicago Fire Department from 1970 until the employee entered the Fund.

Retirement annuity

Tier 1 - All Tier 1 retirement annuities are limited to 75% of highest salary. For participants who retire at age 50 or over with at least 20 years of service the minimum monthly annuity is the greater of \$1,050 or 150% of the Federal Poverty Level. Retirement is mandatory at age 63, except for emergency medical technicians.

- Earned annuity
 - Eligibility: Age 50 and 10 years of service

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- The earned annuity is based on Employee contributions accumulated for age and service annuity plus 1/10th of the sums accumulated from City contributions for the age and service annuity for each year of service over 10. At age 50 with 20 years of service or at age 63, the annuity is based on all sums accumulated to his or her credit. Accumulated contributions are converted to an annuity using 3% interest and the Combined Annuitant Mortality table.
- Minimum formula annuity
 - Eligibility: Age 50 and 20 years of service
 - The Minimum Formula Annuity is equal to 50% plus 2.5% for each year or fractional year of service over 20 years times final average salary. May not exceed 75% of final average salary.
- Alternative minimum formula annuity
 - Eligibility: Age 53 and 23 years of service
 - The Alternative Minimum Formula Annuity is equal to 50% plus 2% of average salary for each year of service or fraction thereof after attaining age 53 with 23 years of service. Each participant who has completed 23 years of service before attaining age 53 shall have an additional 1% of average salary added for each year of service or fraction thereof in excess of 23 years up to age 53.

Compulsory retirement annuity

- Eligibility: Age 63 and 10 years of service
- The Compulsory Retirement Annuity is equal to 30% of average salary for the first 10 years of service plus 2% of average salary for each completed year of service or fraction thereof in excess of 10 years, but not to exceed a maximum of 50% of average salary. The participant is entitled to statutory post retirement increases.

Tier 2

- Monthly retirement annuity
 - Eligibility: Age 50 and 10 years of service
 - The Monthly Retirement Annuity is equal to 2.5% of average salary for each year of service, subject to an annuity reduction factor of one-half of 1% for each month that the participant's age at retirement is under age 55. Monthly retirement annuities shall not exceed 75% of average salary.

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Automatic increase

Tier 1 - Either 20 or more years of service or receiving Compulsory Retirement Annuity.

An employee annuitant is eligible to receive an annual increase of 3% of the original annuity (simple). This increase begins in January of the year of the first payment date following age 55 as long as the participant has been retired at least one year and one month. If the participant is over age 54 at retirement date, the automatic increase begins the first of the month following the first anniversary of his retirement and again each January 1st thereafter for life.

Tier 2 - An employee annuitant or surviving spouse who is eligible to receive an increase in annuity benefit, shall receive an annual increase equal to the lesser of 3% or ½ of the annual unadjusted percentage increase in the Consumer Price Index-U. The increase is based on the amount of the originally granted benefit (simple). This increase begins in January of the year of the first payment date following the later of:

1. the attainment of age 60, or
2. the first anniversary of the annuity start date

Widow/widower annuity

Payable until remarriage if the widow/widower remarries before age 60, except Compensation and Supplemental Annuities. If the annuity is suspended because the widow/widower remarries before age 60, annuity payments will be resumed if the subsequent marriage ends. Any widow/widower's annuity, which was suspended on account of remarriage prior to December 31, 1989, will be resumed if subsequent marriage ends, the later of July 14, 1995, or when the marriage ended. Beginning January 16, 2004, widows retain their rights to benefits after remarriage at any age. Benefits are not available to a widow of a firefighter who received a refund of contributions for widow's benefits, unless the refund is repaid with 4% interest per year.

- Death in Service (Non-Duty)
 - The greater of:
 - 1) If the firefighter dies with at least 1.5 years of serve, 30% of the salary attached to the rank of a first class firefighter in the classified career service at the time of the firefighter's death,
 - 2) 50% of the annuity the deceased firefighter would have received if he had retired just prior to the date of death,
 - 3) Earned Annuity benefit based on the total salary deductions and City contributions for age and service annuity and widow/widower's annuity,

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- 4) 54% of the fireman's monthly salary (annualized) at the time of the fireman's death, or any applicable salary cap, whichever is lesser (only applicable to Tier 2 members).
 - The widow of an active firefighter with 10 or more years of service will receive no less than 50% of the benefit that an active firefighter would have received had they attained age 50 and 20 years of service.
- Death in Service (Duty Related)
 - Compensation annuity – The annuity paid to the spouse is equal to 75% of the firefighter's salary attached to his civil service position at the time of his death. The amount increases as the salary of the position increases.
- Death in Service (Duty Disability)
 - Compensation annuity – The annuity paid to the spouse is equal to 75% of the firefighter's salary attached to his civil service position at the time of his death. The amount increases as the salary of the position increases.
 - Death after retirement - If the firefighter dies after retirement, the spouse's annuity is equal to the greater of:
 - 1) 50% (66-2/3% for Tier 2) of the annuity the deceased firefighter was receiving at the date of death, or
 - 2) Earned annuity benefit based on the sums accumulated for the spouse annuity plus 10% of the accumulated City contributions for each year of service from 10 to 20 years, and the full accumulated City contributions after 20 years of service.
 - The minimum annuity for any widow/widower is 150% of the Federal Poverty Level.
- For Tier 2 members, the annuity payable to the surviving spouse is equal to 66 2/3% of the participant's accrued retirement annuity without a reduction due to age.

Child annuity

If the fireman was not receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter, or (ii) 12% of the fireman's monthly salary on the date of death, if there is a surviving spouse, or 15% and 20%, respectively, if there is no surviving spouse.

If the fireman was receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 12% of the fireman's earned annuity on the date of death, if there is a surviving spouse. If there is no surviving spouse, the greater of (i) 15% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 20% of the fireman's monthly salary on the date of death.

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Family maximum

The total annuities for widow/widower and children cannot exceed 60% for non-duty death, or 100% for duty death, or the current maximum annual salary of a first class firefighter.

Parent annuity

A parent's annuity is provided for each surviving parent of a firefighter who dies prior to separation from service, or while out of service with at least 20 years of service, provided that there is no widow/widower or child and that the deceased firefighter was contributing to their support. The benefit is equal to 18% of the current annual salary attached to the classified position held by the firefighter at the time of death for each surviving parent.

Duty disability benefit

Any employee who becomes disabled as the result of an injury incurred in the performance of any act of duty has a right to receive a duty disability benefit in the amount of 75% of salary at date of injury, plus \$30 a month for each unmarried child less than age 18. If the child is handicapped, the \$30.00 is payable until the participant is removed from his disability status. Child's duty disability benefit is limited to 25% of the employee's salary as of the date of injury.

Effective January 1, 1994, the minimum benefit, if the employee has been on disability at least 10 years, is 50% of current salary of the rank held by the employee when he was removed from the Department payroll, regardless of whether that removal occurred before the disability date.

The City contributes salary deductions for annuity purposes for the duty disability benefit. Such amounts contributed by the City after December 31, 1981, while the employee is receiving duty disability benefits, are not refundable to the employee and will be used for annuity purposes only.

Occupational disease disability benefit

Participants with a minimum of seven years of credible service that become disabled from heart disease, tuberculosis, any disease of the lungs or respiratory tract, AIDS, hepatitis C, stroke, or cancer that develops while employed by the department are entitled to occupational disease disability benefits.

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In order to receive this occupation disease disability benefit, the cancer involved must be a type which may be caused by exposure to heat, radiation or a known carcinogen as defined by the Internal Agency for Research on Cancer.

Occupation disease disability benefits are equal to 65% of the participant's salary on the date of removal from payroll. The participant's children are also entitled to child's disability benefits in the amount of \$30.00 per month per child under age 18. If the child is handicapped, the \$30.00 is payable until the participant is removed from his disability status. The total amount of this benefit is not to exceed 75% of salary at the time of the grant. This benefit is fixed at the time the participant leaves the Fire Department payroll and is payable until the earlier of death, retirement, or a return to active duty. Effective January 1, 1994, no occupational disease disability benefit that has been payable for at least 10 years shall be less than 50% of the current salary attached from time to time to the rank and grade held by the participant at the time of his removal from the department payroll, regardless of whether that removal occurred before the effective date.

Ordinary disability benefit

This benefit is granted for disabilities incurred other than in performance of an act of duty and is 50% of salary less 9% (for pension deductions) as of the last day worked. Length of time on disability is limited to a maximum of 50% of the employee's total service or five years, whichever occurs first. Ordinary disability benefits terminate when the disability ceases or the participant becomes eligible for minimum formula annuity. No children's benefits are payable.

Death benefit

An ordinary death benefit is paid to the designated beneficiary or beneficiaries of deceased participants. For active participants age 49 and under, the death benefit amounts to \$12,000.00 and is reduced by \$400.00 for each year over age 49 to a minimum of \$6,000.00. A participant on disability is treated as though he were in active service in this regard.

Eligible beneficiaries for participants retired after January 1, 1962, in receipt of retirement benefits, and whose separation from service (active duty) was effective on or after the participant's attainment of age 50, and application for such annuity was made within 60 days after separation from service (active duty), receive \$6,000.00.

Refunds

- To Firefighters
 - Entire amount with interest. An employee who resigns before age 50, or before age 57 with less than 10 years of service, is entitled to all salary deductions accumulated with interest to date of resignation (excluding ordinary disability pension deductions) with interest at 3%. A firefighter who receives a refund and who subsequently reenters service shall not receive (nor his or her widow/widower or

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parent) any annuity benefit or pension unless the refund is repaid with 4% interest. Repayment must be made within two years after reentry.

- For Widow/Widower Annuity
 - If the firefighter is not married when he retires on annuity, he or she will receive a refund of all his or her contribution, with interest, for the spouse's annuity.
- Refunds of Remaining Amounts
 - Amounts contributed by a firefighter, that have not been paid as an annuity or refund are refundable to the employee's estate with interest to the date of retirement or death if the employee died in service. If there are children under age 18, the amount necessary to pay children annuities will not be refunded. No refund is paid to a widow/widower whose annuity is suspended because of marriage.

Compensation widows

Beginning January 1, 2001, mandatory retirement will have no effect on Widow benefits. Effective with the December 31, 2001, actuarial valuation, all Supplemental Widows have been reclassified as Compensation Widows.

Plan Year

January 1 through December 31

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Changes in plan provisions

Public Act 102-0065, effective August 1, 2025, provides the following changes for Tier 2 members:

- The Tier 2 salary cap, effective July 1, 2025, was increased to \$141,408 and \$145,650 as of July 1, 2026, and shall increase annually thereafter by the lesser of (i) 3% of that amount, including all previous adjustments, or (ii) the annual unadjusted percentage increase in the CPI-U for the 12 months ending with September preceding each November 1, including all previous adjustment.
- The formula used to determine annuity benefits for widows of members who died while in service now includes an additional minimum benefit of 54% of the fireman's monthly salary (annualized) at the time of the fireman's death, or any applicable salary cap, whichever is lesser.
- Surviving Child Annuity benefits are now as follows:
 - If the fireman was not receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter, or (ii) 12% of the fireman's monthly salary on the date of death, if there is a surviving spouse, or 15% and 20%, respectively, if there is no surviving spouse.
 - If the fireman was receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 12% of the fireman's earned annuity on the date of death, if there is a surviving spouse. If there is no surviving spouse, the greater of (i) 15% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 20% of the fireman's monthly salary on the date of death.

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Exhibit 13: Legislative changes in plan provisions

1968 to 1979 Sessions

- Compensation widow/widower annuities changed from \$300 to 75% of salary.
- Supplemental widow/widower annuities became 40% of salary.
- Five-year average salary became four years.
- Minimum employee annuities increased from \$200 in stages.
- Minimum widow/widower annuities increased from \$100 in stages.
- Children's annuities changed from \$40/\$60 to 10%/15% of salary of first-class firefighter.
- Parent annuities increased to 18% of salary of first-class firefighter.
- Lump sum benefits were increased.
- The deduction from salary increased from 1% to 1.5% of salary for the spouse annuity.

1979 Session

SB 854

- Recall of elective members of the Board of Trustees.

HB 291

- Authorizes investment in Time Deposits of Certificate of Deposit.

HB 2012

- Under IRS Code Section 414(h), employer may pick up the employee contributions for all compensation earned after December 31, 1980, by a reduction in the cash salary or an offset to a future salary increase or by a combination of both.

1980 Session

- Transfer of credit to the General Assembly System.

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HB 3635

- Reversed all changes made by HB 2012 and put the pick-up section as a new paragraph; they are treated as employee contributions for all purposes, including refunds and determination of the tax levy.

1981 Session

SB 21

- Actuarial Reporting Standards.

SB 851

- Authorizes investments in conventional mortgage pass-through securities.

SB 879

- Financial statement required by Department of Insurance within 6 months and actuarial statement within 9 months; \$100 penalty per day if late.

HB 291

- Increase minimum survivor's annuity from \$200 to \$250.

Spring 1982 Session

SB 740

- Three percent post-retirement increase for employees born before January 1, 1930. All increases begin at age 60 instead of age 63 effective July 1, 1982.

SB 1127

- Group health hospital and surgical insurance premium \$55 for annuitant not qualified to receive Medicare: \$21 if annuitant is qualified, effective January 1, 1983.

SB 1579

- Expanded fiduciary standards, prohibited transactions, civil action may be brought by Attorney General or by a participant; list of permitted investments moved to general section of the statute.

Section 4: Reporting Information

HB 2361

- Election by mail ballot.

Spring 1983 Session

SB 22

- Delegation of investment authority restrictions.

SB 1147

- Minimum reporting and actuarial information for 1984.

HB 366, SB 288

- Changes fiduciary standards: party in interest definition; reasonable care of co-fiduciary; eliminates civil action.

HB 377

- Cancer as occupational disability.

HB 380

- Paramedics as members July 1, 1983.

HB 455

- Bill of Rights.

HB 483

- Temporary position defined.

HB 514

- 10 percent prudent person investment category.

HB 755

- Change in lump sum death benefit: \$6,000 if retired; \$12,000 if active and under age 50, reduced by \$400 each year age 50 or older.

Section 4: Reporting Information

HB 758

- Vote by mail.
- 50/20 2% minimum annuity formula (52/22 in 1984; 51/21 in 1985; 50/20 in 1986 and after).
- 30% salary of first class firefighter; widow/widower of active employee with 1.5 years of service effective June 30, 1984.
- 50% of retirement pension being paid (includes increases); widow/widower of retiree effective June 30, 1984.

City Ordinance

- Change in lump sum death benefit: \$6,000 if retired; \$12,000 if active and under age 50, reduced by \$400 each year age 50 or older.
- Changes compulsory retirement from 63 to 70.

1984 Session

- Direct deposit.
- Illinois Public Employees' Pension Laws Commission abolished.

1985 Session

HB 164

- Occupational disability benefits from 50% to 65% of salary for new disabilities.
- Survivors; annuity for death in service 50% of the firefighter's annuity as if the deceased firefighter had retired just prior to the date of death.
- Removes alcoholism and venereal disease prohibition against paying ordinary disability.
- Removes adoption before age 50 requirement for child's benefit.

1986 Session

HB 2630

- Removes the age 18 limitation for handicapped children of duty and occupational disease disability recipients.
- Provides for waiver of annual physical examination for disability recipients if firefighter is permanently disabled and unable to ever return to service.

Section 4: Reporting Information

1987 Session

- No legislative changes.

1988 Session – City Ordinance

- Compulsory retirement changed to age 63.

1989 Session

HB 332

- \$325 minimum widow/widower annuity effective January 1, 1988.

SB 95

- Changed the amount of fund paid health insurance “supplement” from January 1, 1988 until December 31, 1992 to \$65 per month for each annuitant not qualified to receive Medicare benefits (and \$35 if qualified) and from January 1, 1993 until December 31, 1997 the amounts are \$75 and \$45, respectively. Widows will now be eligible for supplement. The City will be required to pay 50% of the aggregated cost of health care claims for the retired group under all health care plans offered by the City. A procedure was established for the City to determine, with the help of an independent actuary, the aggregate cost of claims and premiums for each calendar year from 1989 through 1997 for the retired group.
- \$475 minimum employee annuity effective January 1, 1990.
- Compensation and Supplemental annuitants may remarry after 1989 without loss of benefits.
- Employee refunds must be repaid at 4% before the later of two years after the date of reentry or January 1, 1992.
- Three percent postretirement increase beginning January 1, 1990, for employees born after December 31, 1929, and before January 1, 1940.
- Employee may purchase periods of suspension (not to exceed a total of one year of service) and 1980 strike time (not to exceed 23 days). Paramedic who transferred from the pension fund established under Article 8 of this Code to this Fund by operation of Public Act 83-780 may purchase Article 8 service at 4% annual compound interest rate prior to January 1, 1992, if the employee received a refund from the Article 8 fund.

Section 4: Reporting Information

1990 Session

SB 136

- Amends Chapter 120, Paragraph 671 of the Revenue Act to provide for a separate listing on the tax bill of the dollar amount of tax due from the person assessed which is allocable to a tax levied under the Illinois Pension Code, or any other tax levied by a municipality or township for public pension or retirement purposes. Effective January 1, 1990.

SB 1951

- Signed January 14, 1991. Service credit will be given for any periods prior to January 14, 1993, that an active firefighter who is a member of the General Assembly is absent to perform his legislative duties. No payment is required for this service credit. The current salary of the rank would be used for average salary for annuity purposes.
- Any firefighter who had service as a paramedic in the Municipal Fund and received a refund of contributions could receive credit for the service in the Fire Fund by making written application to the Board by January 1, 1992, and paying for the service.
- Beginning December 31, 1990, any firefighter with at least 20 years of service may withdraw from the service at any age and receive an annuity calculated under Section 6-128 beginning at age 50 if under that age at withdrawal.
- Beginning January 1, 1990, the minimum widow/widower annuity is \$400 per month for all those receiving a widow/widower annuity on January 14, 1991, and for future widow/widowers of employees who retired at age 50 or over with at least 20 years of service.
- If a widow/widower remarries after December 31, 1989, after attaining age 60, the annuity will continue without interruption. If the annuity is suspended because of remarriage before attaining age 60, annuity payments will be resumed if the subsequent marriage ends.
- If any widow/widower receives a widow/widower annuity from the Fire Fund and after December 31, 1989, marries a firefighter in the Fund, his/her first widow/widower annuity will be canceled if she accepts payment of a second widow/widower's annuity after he dies.
- Beginning January 14, 1991, any city officer can transfer his Fire service to the Municipal Fund.

1991 Session

- No legislative changes.

Section 4: Reporting Information

1992 Session

HB 969

- Approved March 26, 1992.
- Beginning January 1992, the minimum retirement annuity (requires retirement at age 50 or over with at least 20 years of service) was increased to \$650 per month and the minimum widow/widower annuity was increased to \$500 for those receiving an annuity and those who will be eligible in the future (requires retirement or death in service at age 50 or over with at least 20 years of service).

SB 1650

- Approved January 25, 1993.
- The minimum retirement annuity (requires retirement at age 50 with at least 20 years of service) was increased to \$750 per month on January 1, 1993, and \$850 per month on January 1, 1994.
- The minimum widow/widower annuity (requires retirement or death in service at age 50 or over with at least 20 years of service) was increased to \$600 per month on January 1, 1993, and \$700 per month on January 1, 1994, for those eligible present and future widow/widowers.
- Service credit will be given for any periods in General Assembly prior to January 9, 1997 (instead of January 14, 1993),
- The annuitant may waive all or any portion of his annuity.

1993 Session

SB 358

- Approved January 10, 1994.
- Beginning January 1, 1994, minimum Duty and Occupational Disease Disabilities have been established, if the employee has been on disability for 10 years: 50% of current salary of rank at removal from Department payroll.

ADEA

- Effective January 1, 1994, the federal law (ADEA) allowing compulsory retirement at age 63 lapsed. As such, duty disability and occupational disease disability benefits and widow/widower compensation benefits may be “open ended”; i.e., without limiting age.

Section 4: Reporting Information

1994 Session

- No legislative changes.

1995 Session

SB 114

- Approved July 14, 1995.
- The minimum widow/widower annuity was increased to \$700 per month to anyone entitled to receive a widow/widower annuity.
- A widow/widower's annuity that was previously terminated because of remarriage before December 31, 1989, will be resumed upon proper application if the subsequent marriage has ended.
- Employees have until two years after the date of reentry or January 1, 2000, to repay a refund.
- For employee annuitants born before January 1, 1945, the 3% postretirement increase begins at age 55.
- The provisions relating to purchase of credit for certain periods of service as a paramedic or other fire department employee were changed.
- The City is authorized to substitute funds obtained from Borrowings and other sources for a portion of its authorized tax levy for pension purposes.
- The amount of earnings that may be taken into account by any retirement system is limited to the maximum dollar limitation specified in Section 401(a)(17) of the Internal Revenue Code, except for persons who became Members before 1996.
- The Plan is authorized to make certain involuntary distributions required by Section 401(a)(9) of the Internal Revenue Code.

SB 424

- Approved July 7, 1995.
- The Pension Laws Commission was created as a legislative support services agency.

Section 4: Reporting Information

1996 Session

SBJPA

- On August 20, 1996, the Small Business Job Protection Act was signed by President Clinton.
- Treatment of governmental plans under Code Section 415:
- Rule limiting annual benefit to 100 percent of the average of the highest three-year compensation no longer applies.
- Excess benefit plans are permitted to provide Members with benefits in excess of the Code Section 415 limits.
- Early retirement reduction does not apply to certain survivor and disability benefits.
- The definition of compensation now includes elective deferrals.
- Taxation of distributions:
 - \$5,000 death benefit exclusion was repealed for deaths after August 20, 1996.
 - Five-year averaging for lump sum distributions was repealed effective January 1, 2000.
 - Annuity payments will be taxed according to a simplified general rule, which uses investment and age as of annuity starting date for annuities, which start on or after November 19, 1996.

1997 Session

HB 313

- Signed June 27, 1997.
- Coverage in the City group health insurance is extended through June 30, 2002, with some modification in plans offered. Pension fund supplement remains at \$45 and \$75 for Medicare eligible and non-Medicare eligible annuitants, respectively.

1998 Union Contract Cost of Living Increases

- The following salary increases are scheduled:
 - 1.5% effective July 1, 1995.
 - 1.5% effective January 1, 1996.
 - 1.5% effective July 1, 1996.
 - 3.5% effective January 1, 1997.
 - 3.75% effective January 1, 1998.
 - 2.25% effective January 1, 1999.

Section 4: Reporting Information

1998 Session

- The minimum widow/widower annuity (requires retirement or death in service at age 50 or over with at least 20 years of service) was increased to \$800 per month on January 1, 1999, for those eligible present and future widow/widowers.

1999 Session

- No legislative changes.

2000 Session

- In 2000, the City of Chicago enacted mandatory retirement for all firefighters, except for emergency medical technicians, upon attainment of age 63.

2001 Session

- No legislative changes.

2002 Session

HB 5168

- Effective June 28, 2002.
- The pension fund subsidy for retiree health insurance was extended through June 30, 2003 (other than child annuitants). The subsidy is \$75 per month if the annuitant is not eligible for Medicare and \$45 per month if the annuitant is eligible for Medicare.

2003 Session

SB 1701

- Effective July 1, 2003.
- The healthcare benefits were extended and increased to \$85 per month for non-Medicare eligible participants and \$55 per month for Medicare eligible participants for the period from July 1, 2003, through June 30, 2008. Thereafter, the benefits are extended and increased from \$85 to \$95 and \$55 to \$65 for the period July 1, 2008, to June 30, 2013.
- The healthcare benefits referred to above are not and shall not be construed to be pension or retirement benefits for the purposes of Section 5 of Article XIII of the Illinois Constitution of 1970.

Section 4: Reporting Information

2004 Session

PA 93-0654

- Effective January 16, 2004.
- Changes to the definition of salary used for benefit calculations.
 - For members born before 1955, who hold an exempt position above career service rank, salary means the actual salary attached to the exempt rank position.
 - Salary as an ambulance commander shall be included. Employee contributions must be made retroactively before January 1, 2006. Beneficiaries may also make the contributions.
 - Additional compensation for being licensed as an EMT shall be included.
 - Duty availability pay shall be included. Employee contributions must be made retroactively before January 1, 2006. Beneficiaries may also make the contributions.
- An employee who reaches the compulsory retirement age with greater than 10 years of service, but less than 20, is now entitled to an annuity of 30% of average salary for the first 10 years of service plus an additional 2% for each year in excess of 10, not to exceed 50%.
- The minimum annuity formula accrual rate for service after 20 years was increased from 2% to 2.5% with total benefits limited to 75% of final average pay.
- The minimum annuity was increased to \$900 per month during 2004 and \$1,000 per month thereafter.
- The widow of an active firefighter with 10 or more years of service will receive no less than 50% of the benefit the active firefighter would have received had he attained age 50 and 20 years of service.
- A widow who was married to a deceased firefighter before the firefighter began to receive a retirement annuity and for at least one year preceding the firefighter's death is entitled to a widow's benefit. Any refunded contributions must be repaid with 4% interest.
- A widow's benefit will continue following remarriage. Those annuities previously terminated will resume.
- Members born prior to January 1, 1955, are entitled to a 3% simple COLA commencing at the later of age 55 or the first anniversary of retirement. Members born on or after January 1, 1955, are entitled to a 1.5% COLA commencing at the later of age 60 or the first anniversary of retirement limited to 30%. Previously the cutoff date was January 1, 1945.
- Former City contributions for paramedics will be transferred to this fund with 11% interest and credited to the individual firefighter if he or she pays for the prior service as a paramedic in full.

Bertucci court opinion

Section 4: Reporting Information

- Effective June 29, 2004.
- For members who die while receiving duty disability payments, the widow's benefit is now 75% of the member's salary attached to his civil service position. The benefit increases as the salary attached to this position increases. Previously the widow's benefit was 50% of the member's benefit.

PA 93-0917 (HB 378)

- Changes the widow eligibility conditions by expanding widow benefits that were previously limited by marriage conditions after withdrawal or disability. Benefits cannot be reinstated or granted earlier than January 16, 2004.
- A firefighter who accumulated service under the Municipal Employees' Annuity and Benefit Fund of Chicago, who terminated and received a refund, may purchase such service credit until January 1, 2005. Those firefighters who retired after January 16, 2004, but before the effective date of this act, may still purchase service before January 1, 2005, and have their benefit recalculated. Employer contributions with interest for such service will be transferred from the Municipal Employees' Annuity and Benefit Fund to the Firemen's Annuity and Benefit Fund.

2005 Session

SB 23

- Approved June 27, 2005.
- Prohibits the investment or deposit from the retirement system or pension fund to certain entities doing business in or with the government of the Republic of the Sudan. Fund managing companies must certify that under Section 1-110.5 of the pension code that they have not loaned to, invested in, or otherwise transferred any of the pension fund assets to a forbidden entity.

2006 Session

- No legislative changes.

2007 Session

PA 95-0279

- Beginning January 1, 2008, removes restriction that a child be born or legally adopted before withdrawal from service for a child's annuity. Removes restriction requiring that adoption proceedings must have been initiated one year prior to the firefighter's death.

Section 4: Reporting Information

2008 Session

- No legislative changes.

2009 Session

PA 95-1036

- Effective February 17, 2009.
- Allows a terminally ill firefighter to apply for disability while still an active member.

PA 96-0006

- Effective April 3, 2009.
- The Illinois Governmental Ethics Act.

PA 96-260

- Effective August 11, 2009.
- A firefighter may purchase up to 24 months of service credit attributed to service in the armed forces of the United States prior to employment as a firefighter by making contributions to the Fund equal to: (i) employee contributions during the period served, (ii) employer normal costs during the period served and (iii) compound interest at the actuarially assumed rate from date of membership in the Fund until the date of payment.

PA 96-727

- Effective August 25, 2009.
- Extends the repayment of refund for reinstated service to January 1, 2001, with interest calculated at the actuarially assumed rate.
- Allows a firefighter to transfer eligible service with the Article 8 Fund – the Municipal Employees’ Annuity and Benefit Fund of Chicago. The firefighter is required to pay the Fund an amount equal to; (i) employee contributions during the period served, (ii) employer normal costs during the period served and (iii) compound interest at the actuarially assumed rate from date of membership in the Fund until the date of payment. Written application must be made by January 1, 2010.
- Allows a firefighter to transfer up to 10 years of eligible service with the Article 4 Fund – “Downstate Fund.” The firefighter is required to pay to the Fund an amount such that the transfer results in no additional unfunded actuarial accrued liability to the Fund based on the assumptions and methods used in the most recent actuarial valuation. Contributions transferred from the Downstate Fund are used to offset the required payment from the firefighter.

Section 4: Reporting Information

- Allows the Fund to recover damages from a third party responsible for the death or disability payable from the Fund.

PA 96-753

- Effective August 25, 2009.
- Provides that it is the public policy of the State to encourage pension funds to promote the economy of Illinois through the use of economic opportunity investments within the bounds of financial and fiduciary prudence.
- Requires the Fund to instruct the investment advisors to utilize investment strategies designed to ensure that all securities transactions are executed in such a manner that the total explicit and implicit costs and the total proceeds in every transaction are the most favorable under the circumstances.

2010 Session

Public Act 96-1466

- Effective August 20, 2010.
- Members entering the Fund on or after January 1, 2011, shall not be given service credit in the Fund for any period of time in which the member was in receipt of retirement benefits from any annuity and benefit fund in operation in the City.

Public Act 96-1495 (HB 3538)

- Effective January 1, 2011.
- Changes the financing for the Fund. Assets are marked to market at March 30, 2011. For fiscal years after March 30, 2011, actuarial value of assets is used based on five-year smoothing. The City levies a new tax starting in FY 2015. Each year, employer contributions combined with member contributions and other fund revenue must be equal to the amount that is sufficient to produce 90% funding by the end of fiscal year 2040. The projections are based on an open group projection and level percent of pay financing and statutorily required contributions, then the State, starting in FY 2016, could withhold State grants to the City, and directly deposit the withheld funds into the FABF, The withheld funds are limited to 33% of total State grants to City in FY 2016, 67% in FY 2017, and 100% on and after FY 2018,
- Establishes a new tier of benefits for participants that first become members on or after the effective date of January 1, 2011.
 - Minimum retirement eligibility is at age 55 with 10 years of service.
 - The annuity is based on an accrual rate of 2.5%, subject to a maximum of 75%
 - Employees may retire at age 50 with 10 years of service with the annuity based on an accrual rate of 2.5%, reduced by one half of one percent per month for retirement prior to age 55, subject to a maximum of 75%
 - Final average compensation is based on the average of the highest consecutive 96 months within the last 120 months of service.

Section 4: Reporting Information

- Establishes a cap on final average salary of \$106,800, as automatically increased by the lesser of 3 percent or one-half of the annual increase in the Consumer Price Index-U during the preceding 12-months.
- Changes provisions for automatic increases in annuity:
 - Increases are equal to the lesser of 3 percent or one-half of the annual increase in the Consumer Price Index-U during the preceding 12-months, commencing at age 60 with no 30% cap.
 - Increase is applied to the original granted retirement annuity (simple).
- Changes benefits provided to surviving spouses:
 - Surviving spouse annuity is equal to 66 2/3 percent of the participant's earned retirement annuity at the date of death.
 - Provides an automatic increase in annuity:
 - Increases are equal to the lesser of 3 percent or one-half of the annual increase in the Consumer Price Index-U during the preceding 12-months.
 - Increase is applied to the original granted retirement annuity (simple).

2011 Session

Public Act 97-0530 (SB 1672)

- Approved August 23, 2011.
- Requires all pension funds and retirement systems subject to the Code to comply with the federal Heroes Earnings Assistance and Relief Tax Act of 2008.

Public Act 97-0609 (SB 1831)

- Approved August 26, 2011.
- Applies to those members hired on or after January 1, 2012.
- Provides that if a new hire is receiving a retirement annuity or pension and accepts a contractual position to provide services to a governmental entity from which he or she has retired, then that person's annuity or pension will be suspended during that contractual service.
- Makes it a Class A misdemeanor for a pensioner who is seeking contractual employment to fail to notify certain persons about his or her retirement status before accepting an employment contract.

Public Act 97-0504 (HB 1670)

- Approved August 23, 2011.

Section 4: Reporting Information

- Amends the Open Meetings Act.
 - Requires each elected or appointed member of a public body subject to this Act who is such a member on the effective date of the amendatory Act to successfully complete the electronic training curriculum developed and administered by the Public Access Counselor.
 - Requires those members to complete the training not later than one year after the effective date of the amendatory Act.
 - Requires each elected or appointed member of a public body subject to the Act who becomes such a member after the effective date of the amendatory Act to successfully complete the electronic training curriculum developed and administered by the Public Access Counselor.
 - Requires those members to complete the training not later than the 90th day after the date the member either (i) takes the oath of office, if the member is required to take an oath of office to assume the person's duties as a member of the public body or (ii) otherwise assumes responsibilities as a member of the public body, if the member is not required to take an oath of office to assume the person's duties as a member of the governmental body.
 - Requires each member who successfully completes the curriculum to file a copy of the certificate of completion with the public body.
 - Provides that the failure of one or more members of a public body to complete the training required by this Section does not affect the validity of an action taken by the public body.
 - Provides that an elected or appointed member of a public body subject to this Act who has successfully completed the required training and filed a copy of the certificate of completion with the public body is not required to subsequently complete that training.

2012 Session

Public Act 97-0651

- Approved and effective January 5, 2012.
- Requires any reasonable suspicion of fraud against the Fund to be reported to the State's Attorney for investigation.
- Changes provisions for Union Leaves of Absence.

2013 Session

Public Act 98-0043 (HB 1584)

- Approved and effective June 28, 2013.

Section 4: Reporting Information

- Changes the duration of health insurance supplement payments to eligible employee annuitants to “Beginning July 1, 2008, and until such time as the city no longer provides a health care plan for such annuitants or December 31, 2016, whichever comes first.”

Public Act 98-0433 (HB 2620)

- Approved and effective August 16, 2013.
- Allows for an additional exception to the RFP process for obtaining investment services for “contracts for follow-on funds with the same fund sponsor through close-end funds”.

2014 Session

- No legislative changes.

2015 Session

- No legislative changes.

2016 Session

Public Act 99-0506

- Approved and effective May 30, 2016.
- Changes the funding policy. For payment years 2016 through 2020, specifies the amount for the City of Chicago’s required annual contribution to the Fund. Beginning in payment year 2021, the City’s total required contribution to the Fund shall be an amount that is equal to the normal cost of the fund, plus an amount sufficient to bring the total assets of the fund up to 90% of the total actuarial liabilities of the fund by payment year 2055 (instead of 2040).
- Changes the actuarial cost method to entry age normal.
- Includes provisions for funding from any proceeds received by the city in relation to the operation of a casino within the city.
- Provides a mechanism to enforce funding through mandamus.
- Creates a new minimum retirement annuity provision equal to 125% of the federal poverty level for certain persons.

Public Act 99-0905

- Approved and effective November 29, 2016.

Section 4: Reporting Information

- Specifies the manner of calculating the Tier 2 surviving spouse's annuity for Tier 2 firefighters who die in service with at least 1 ½ years of service.
- Specifies the manner of calculating duty death benefits for Tier 2 surviving spouses and provides that Tier 2 duty death benefits are not payable where the death is the result of an intervening cause.
- Includes provisions for a minimum surviving spouse annuity equal to 125% of the federal poverty level.
- Increases the Tier 1 automatic increase in retirement annuity for persons born after December 31, 1954, but before January 1, 1966.
- Amends the States Mandates Act to require implementation without reimbursement.

2017 Session

Public Act 100-0344

- Approved and effective August 25, 2017.
- Provides for the forfeiture of benefits for any person who otherwise would receive a survivor benefit who is convicted of any felony relating to or arising out of or in connection with the service of the member from whom the benefit results.

Public Act 100-0539

- Approved and effective November 7, 2017.
- For firefighters born after December 31, 1954, but before January 1, 1996, changed the initial increase granted and provides for a 3% increase if a 1.5% increase was previously granted.

Public Act 100-0544

- Approved and effective November 8, 2017.
- At any time during the six months following the effective date of the Public Act, an active member may apply for a transfer of up to 10 years of his or her creditable service accumulated in an Article 4 (downstate) pension fund.

Section 4: Reporting Information

2018 Session

Public Act 100-1144

- Approved and effective November 28, 2018.
- Authorizes a person to participate in the Chicago Firefighter Article if he or she:
 - Is or was employed and receiving a salary as a firefighter;
 - Has at least 5 years of service under the Chicago Firefighter Article;
 - Is employed in a position covered under a specified provision of the Chicago Municipal Article relating to aldermen and member of the city council;
 - Made an election under the Chicago Municipal Article to not receive service credit or be a participant under that Article; and
 - Made an election to participate under the Chicago Firefighter Article.
- Defines salary for such a person as the lesser of:
 - The salary associated with the highest career service rank under the Chicago Firefighter Article, or
 - The actual salary received by that person for service under a specified provision of the Chicago Municipal Article relating to aldermen and members of the city council.

Public Act 100-1148

- Approved and effective December 10, 2018.
- Technical correction related to filing copies of the report as required by Section 3.1 of the General Assembly Organizational Act and with the State Government Report Distribution Center for the General Assembly.

2019 Session

Public Act 101-0096

- Approved and effective July 19, 2019.
- Changed the term length for the annuitant member of the Retirement Board of the Firemen's Annuity and Benefit Fund.

Public Act 101-0365

- Approved and effective August 9, 2019.
- For firefighters entering service after January 1, 2020, changed the criteria for conclusive evidence of birth date.

Section 4: Reporting Information

Public Act 101-0474

- Approved and effective August 23, 2019.
- Provides for transfer of service between the Fund and Article 4 pension funds.

2020 Session

Public Act 101-0633

- Approved and effective June 5, 2020.
- Establishes presumptions regarding death because of exposure and contraction of COVID-19.

2021 Session

Public Act 101-0633

- Establishes presumptions regarding death because of exposure and contraction of COVID-19.

Public Act 101-0653

- Approved and effective February 26, 2021.
- Extends the end date of the period for which certain presumptions apply regarding death because of exposure and contraction of COVID-19.

Public Act 101-0673

- Approved and effective April 5, 2021.
- For Tier 1 firefighters born after January 1, 1966, changed the age of first increase and the amount of increases.

Public Act 102-0091

- Approved and effective July 9, 2021.
- Provides that firefighters receiving a retirement annuity may instead receive an occupation disease disability benefit until compulsory retirement age if certain conditions are met.

Public Act 102-0293

- Approved and effective August 6, 2021.

Section 4: Reporting Information

- Provides that when a future entrant who is not subject to the compulsory retirement age withdraws from service and is at least age 63, his or her age and service annuity shall be fixed as of the age he or she withdraws from service.
- Removes an age limitation on eligibility for a contribution refund.

2022 Session

Public Act 102-0836

- Approved May 13, 2022; retroactive to August 6, 2021.
- Reinstates the age limitation on eligibility for a contribution refund provided by Public Act 102-0293

Public Act 102-0884

- Approved and effective May 13, 2022
- Provides that beginning January 1, 2023, the minimum widow's annuity shall be no less than 150% (rather than 125%) of the Federal Poverty Level for all persons receiving widow's annuities on or after that date

2023 Session

Public Act 103-0002

- Approved and effective May 10, 2023
- Provides that firefighters who became disabled as a result of exposure to COVID-19 on or after March 9, 2020, and on or before June 30, 2021, are eligible to receive a duty disability benefit.

2024 Session

Public Act 103-0579

- Approved and effective December 8, 2023
- Changes the “final average salary” for Tier 2 members to be calculated as the greater of (1) the average monthly salary obtained by dividing the total salary of the fireman during the 96 consecutive months of service within the last 120 months of service in which the total salary was the highest by the number of months of service in that period and (2) the average monthly salary obtained by dividing the total salary of the fireman during the 48 consecutive months of service within the last 120 months of service in which the total salary was the highest by the number of months of service in that period.

Section 4: Reporting Information

2025 Session

Public Act 104-00065

- Approved and effective August 1, 2025
- The Tier 2 salary cap, effective July 1, 2025 was increased to \$141,408 and \$145,650 as of July 1, 2026, and shall increase annually thereafter by the lesser of (i) 3% of that amount, including all previous adjustments, or (ii) the annual unadjusted percentage increase in the CPI-U for the 12 months ending with September preceding each November 1, including all previous adjustment.
- The formula used to determine annuity benefits for widows of members who died while in service now includes an additional minimum benefit of 54% of the fireman's monthly salary (annualized) at the time of the fireman's death, or any applicable salary cap, whichever is lesser.
- Surviving Child Annuity benefits are now as follows:
 - If the fireman was not receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter, or (ii) 12% of the fireman's monthly salary on the date of death, if there is a surviving spouse, or 15% and 20%, respectively, if there is no surviving spouse.
 - If the fireman was receiving an earned annuity at the time of death: the greater of (i) 10% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 12% of the fireman's earned annuity on the date of death, if there is a surviving spouse. If there is no surviving spouse, the greater of (i) 15% of the current annual maximum salary attached to the position of first-class firefighter or (ii) 20% of the fireman's monthly salary on the date of death.

Public Act 104-0284

- Approved and effective August 15, 2025
- Breast cancer was added to the presumptive occupational disease categories

2026 Session

- No Changes

Section 5: GASB 67 and 68 Information

Exhibit 1: Net Pension Liability

Components of the Net Pension Liability at December 31, 2025

Total Pension Liability	\$8,029,795,014
Plan Fiduciary Net Position	2,027,244,092
Net Pension Liability	6,002,550,922
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	25.25%

Actuarial assumptions: The Total Pension Liability (TPL) was determined by an actuarial valuation as of December 31, 2025, using the following actuarial assumptions, applied to all periods included in the measurement:

Assumption Type	Assumption
Wage inflation	3.50%
Salary increases	3.50% to 25.00%, varying by years of service
Investment rate of return	6.75%, net of investment expense
Municipal bond index	4.83%, based on the Bond Buyer 20-Bond Index of general obligation municipal bonds effective as of the December 31, 2025, measurement date
Single equivalent discount rate	6.75%
Cost of living adjustments	Tier 1: 3% simple Tier 2: The lesser of 3% or one-half of the change in CPI-U, simple

Post-retirement mortality rates for non-disabled pensioners were based on the PubS-2010 Retiree Amount-weighted Mortality Table, using 119% of rates for males and 100% of rates for females, projected generationally using scale MP-2021. Post-retirement rates for disabled pensioners were based on the PubS-2010 Disabled Retiree Amount-weighted Mortality Table, projected generationally using scale MP-2021. Beneficiary mortality rates were based on the Pub-2010 Contingent Survivor Amount-weighted Mortality Table, using 100% of rates for males and 113% of rates for females, projected generationally using scale MP-2021. Pre-retirement mortality rates were based on the PubS-2010 Employee Amount-weighted Mortality Table, projected generationally using scale MP-2021.

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The actuarial assumptions used in the December 31, 2025 valuation are based on the results of an experience study for the period January 1, 2017, through December 31, 2021.

Discount Rate: The discount rate used to measure the total pension liability was 6.75%. The projection of cash flows used to determine the discount rate assumed member contributions will be made according to the contribution rate applicable for each member's tier and that employer contributions will be made as specified by Public Act 99-0506. For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included. Projected employer contributions and contributions from future plan members that are intended to fund the service costs of future plan members and their beneficiaries are not included. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make projected future benefit payments of current plan members throughout the projection period. Therefore, the long-term expected rate of return on pension plan investments of 6.75% was applied to projected benefit benefits for all periods.

Sensitivity of the Net Pension Liability to changes in the discount rate. The following presents the net pension liability as of December 31, 2025, calculated using the discount rate of 6.75%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (5.75%) or 1-percentage-point higher (7.75%) than the current rate:

Item	1% Decrease (5.75%)	Current Discount Rate (6.75%)	1% Increase (7.75%)
Net Pension Liability as of December 31, 2025	\$6,943,419,364	\$6,002,550,922	\$5,212,825,139

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Exhibit 2: Schedule of changes in Net Pension Liability

Components of the Net Pension Liability	2025	2024
Total Pension Liability		
Service cost	\$113,801,870	\$114,995,200
Interest	497,826,473	487,096,947
Change of benefit terms	142,530,732	0
Differences between expected and actual experience	240,381,089	1,701,723
Changes of assumptions	0	0
Benefit payments, including refunds of employee contributions	(452,300,560)	(434,988,652)
Net change in Total Pension Liability	542,239,604	\$168,805,218
Total Pension Liability — beginning	7,487,555,410	7,318,750,192
Total Pension Liability — ending (a)	\$8,029,795,014	\$7,487,555,410
Plan Fiduciary Net Position		
Contributions — employer ³⁹	\$444,626,683	\$443,847,765
Contributions — employer advanced pension payments	15,640,948	28,274,000
Contributions — employee	54,479,656	53,203,307
Net investment income	194,472,062	105,357,558
Benefit payments, including refunds of employee contributions	(452,300,560)	(434,988,652)
Administrative expense	(3,916,910)	(3,932,477)
Other	3,595	5,133
Net change in Plan Fiduciary Net Position	\$253,005,474	\$191,766,634
Plan Fiduciary Net Position — beginning	1,774,238,618	1,582,471,984
Plan Fiduciary Net Position — ending (b)	2,027,244,092	1,774,238,618
Fund's Net Pension Liability — ending (a) – (b)	\$6,002,550,922	\$5,713,316,792
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	25.25%	23.70%
Covered payroll	\$604,204,092	\$529,090,215
Plan Net Pension Liability as percentage of covered payroll	993.46%	1,079.84%

³⁹ Receivable amount to be paid the following year.

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Exhibit 3: Reconciliation of net pension liability

Changes in the net pension liability from the beginning of the year to the end of the year arise from the net difference between changes in the total pension liability and plan fiduciary net position that occurred during the year. Changes in net pension liability will be recognized immediately as pension expense, or reported as deferred outflows of resources related to pensions or deferred inflows of resources related to pensions, depending on the nature of the change.

Differences between actual and expected investment-related experience are recognized over a closed five-year period. Differences between actual and expected non-investment-related experience and changes of assumptions are recognized over the average of the expected remaining service lives of all members who are provided with pensions through the pension plan (active employees and inactive employees). The amounts below that are not included in pension expense for the current year are included in deferred outflows of resources or deferred inflows of resources related to pensions.

	Increase (Decrease) for Fiscal Year Ending December 31, 2025	Increase (Decrease) for Fiscal Year Ending December 31, 2025	Increase (Decrease) for Fiscal Year Ending December 31, 2025
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability
	(a)	(b)	(a) – (b)
Balances at beginning of year	\$7,487,555,410	\$1,774,238,618	\$5,713,316,792
Changes for the year			
Service cost	113,801,870	0	113,801,870
Interest	497,826,473	0	497,826,473
Differences between expected and actual experience	240,381,089	0	240,381,089
Contributions – employer	0	444,626,683	(444,626,683)
Contributions – employer supplemental		15,640,948	(15,640,948)
Contributions – member	0	54,479,656	(54,479,656)
Other income	0	3,595	(3,595)
Net investment income	0	194,472,062	(194,472,062)
Benefit payments, including refunds of employee contributions	(452,300,560)	(452,300,560)	0
Administrative Expense	0	(3,916,910)	3,916,910
Change of assumptions	0	0	0
Change of benefit terms	142,530,732	0	142,530,732
Net change	542,239,604	253,005,474	289,234,130
Balances at end of year	8,029,795,014	2,027,244,092	6,002,550,922

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Exhibit 4: Deferred outflows of resources and deferred inflows of resources related to pensions

	Year Established	Original Balance	Original Amortization Period	Amortization Amount	Outstanding Balance at December 31, 2025
Outflows					
Assumption	2019	\$190,954,465	6.0508	\$1,603,177	\$0
Demographic	2020	174,717,534	6.4542	27,070,449	12,294,840
Assumption	2020	30,468,135	6.4542	4,720,683	2,144,037
Demographic	2021	93,928,230	6.6913	14,037,271	23,741,875
Assumption	2022	53,664,613	6.8373	7,848,802	22,269,405
Investment	2022	242,681,044	5.0000	48,536,209	48,536,209
Demographic	2024	1,701,723	6.6030	257,720	1,186,283
Demographic	2025	240,381,089	6.7448	35,639,469	204,741,620
Total outflows				\$139,713,780	\$314,914,269
Inflows					
Demographic	2019	\$65,213,748	6.0508	\$547,506	\$0
Assumption	2021	340,370,762	6.6913	50,867,314	86,034,192
Investment	2021	52,621,382	5.0000	10,524,276	0
Demographic	2022	30,666,655	6.8373	4,485,200	12,725,855
Demographic	2023	83,067,800	6.6937	12,409,848	45,838,256
Investment	2023	47,815,682	5.0000	9,563,136	19,126,272
Investment	2024	9,650,007	5.0000	1,930,001	5,790,003
Investment	2025	87,213,721	5.0000	17,442,745	69,770,976
Total inflows				\$107,770,026	\$239,285,554

The average expected remaining service lives of all members is 6.7448 years, determined as of January 1, 2025. This amount is equal to the total expected remaining service of 70,106 years, divided by total employees that are provided with pensions through the plan of 10,394 (as shown in the table below).

	Expected Remaining Service	Counts	Average of the Expected Remaining Service
Active Members	70,106	4,775	14.6818
Inactive Members		159	
In Pay Members		<u>5,460</u>	
Total Employees	70,106	10,394	6.7448

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Exhibit 4: Deferred outflows of resources and deferred inflows of resources related to pensions (continued)

At December 31, 2025, deferred outflows of resources and deferred inflows of resources related to pensions are:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$241,964,618	\$58,564,111
Changes of assumptions	24,413,442	86,034,192
Net differences between projected and actual earnings on pension plan investments	N/A	46,151,042
Total	266,378,060	\$190,749,345

Deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as follows:

Year ended December 31	
2026	\$24,060,105
2027	(27,547,212)
2028	6,930,942
2029	9,845,733
2030	35,794,872
Thereafter	26,544,275

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Exhibit 5: Pension expense

	Fiscal Year Ending December 31, 2025	Fiscal Year Ending December 31, 2024
Components of pension expense		
Service cost	\$113,801,870	\$114,995,200
Interest on the total pension liability	497,826,473	487,096,947
Projected earnings on plan investments	(107,258,341)	(95,707,551)
Contributions – member	(54,479,656)	(53,203,307)
Other income	(3,595)	(5,133)
Administrative expense	3,916,910	3,932,477
Recognition of:		
Changes of assumptions	(36,694,652)	(6,739,281)
Difference between expected and actual experience	59,562,355	13,692,685
Difference between projected and actual earnings on pension plan investments	9,076,051	17,979,963
Change of benefit terms	142,530,732	0
Total pension expense	\$628,278,147	\$482,042,000

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Exhibit 6: Schedule of employer contributions

Year Ended December 31	Actuarially Determined Contributions ⁴⁰	Contributions in Relation to the Actuarially Determined Contributions ⁴¹	Contribution Deficiency (Excess)	Covered Actual Employee Payroll ⁴²	Contributions as a Percentage of Covered Employee Payroll
2016	\$333,952,291	\$154,101,396	\$179,850,895	\$478,470,944	32.21%
2017	372,845,121	228,452,611	144,392,510	469,407,281	48.67%
2018	412,220,284	249,684,038	162,536,246	456,969,301	54.64%
2019	442,044,761	255,382,266	186,662,495	457,082,316	55.87%
2020	466,556,303	368,422,961	98,133,342	500,367,870	73.63%
2021	476,497,828	367,481,614	109,016,214	520,047,197	70.66%
2022	509,936,459	399,209,599	110,726,860	525,479,549	75.97%
2023	528,571,846	467,097,920	61,473,926	523,828,926	89.17%
2024	541,052,087	472,121,765	68,930,322	529,090,215	89.23%
2025	554,649,609	460,267,631	94,381,978	604,204,092	76.18%

⁴⁰ The FABF Statutory Funding Policy does not satisfy all of the conditions for a reasonable method outlined in Actuarial Standards of Practice No. 4. Therefore, the actuary has calculated and disclosed an Actuarially Determined Contribution that is equal to employer normal cost payment plus layered amortization payments on the unfunded actuarial accrued liability.

⁴¹ Includes Supplemental Employer Contribution in 2023, 2024, and 2025.

⁴² Covered payroll is the amount in force as of the valuation date and likely differs from actual payroll paid during the fiscal year.

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Notes to Exhibit 6

Valuation Date

Actuarially determined contribution amount is determined as of December 31, with appropriate interest to the end of the year.

Methods and assumptions used to establish “actuarially determined contribution” rates

- Actuarial cost method
 - Entry Age Actuarial cost method
- Amortization method
 - 20-year closed period layers, level percentage of payroll amortization
- Asset value method
 - 5-year smoothed fair value

Actuarial assumptions

- Investment rate of return
 - 6.75%, net of investment expense
- Projected salary increases
 - 3.50% to 25.00%, varying by years of service
- Mortality
 - Post-retirement mortality rates for non-disabled pensioners were based on the PubS-2010 Retiree Amount-weighted Mortality Table, using 119% of rates for males and 100% of rates for females, projected generationally using scale MP-2021. Post-retirement rates for disabled pensioners were based on the PubS-2010 Disabled Retiree Amount-weighted Mortality Table, projected generationally using scale MP-2021. Beneficiary mortality rates were based on the Pub-2010 Contingent Survivor Amount-weighted Mortality Table, using 100% of rates for males and 113% of rates for females, projected generationally using scale MP-2021. Pre-retirement mortality rates were based on the PubS-2010 Employee Amount-weighted Mortality Table, projected generationally using scale MP-2021.
- Cost of living adjustments
 - Tier 1: 3% simple
 - Tier 2: The lesser of 3% or one-half of the change in CPI, simple

Other assumptions

Same as those used in the December 31, 2025, actuarial funding valuation.

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