STATE OF WISCONSIN POSTRETIREMENT LIFE INSURANCE PLAN (LOCAL)

GASB 74 and 75 DISCLOSURE Fiscal Year Ending: December 31, 2024

Prepared by

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Milliman, Inc.





Table of Contents

Cartification

| Certification | |
|--|----|
| Executive Summary | 3 |
| Statement of Fiduciary Net Position | 8 |
| Statement of Changes in Fiduciary Net Position | 9 |
| Money-Weighted Rate of Return | 10 |
| Long-Term Expected Rate of Return | 11 |
| Depletion Date Projection | 12 |
| Projection of Fiduciary Net Position | 13 |
| Actuarial Present Value of Projected Benefit Payments | 14 |
| Net OPEB Liability | 16 |
| Changes in Net OPEB Liability | 17 |
| Schedule of Changes in Net OPEB Liability and Related Ratios | 18 |
| OPEB Expense and Deferred Inflows/Outflows of Resources | 19 |
| Schedule of Deferred Inflows and Outflows of Resources | 20 |
| OPEB Liability and Expense Summary | 21 |
| Actuarial Assumptions | 22 |
| Summary of Plan Provisions | 29 |
| Summary of Participant Data | 31 |
| Summary of Demographic Information | 32 |
| Glossary | 33 |

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Certification

Actuarial computations presented in this report under Statements No. 74 and 75 of the Governmental Accounting Standards Board are for purposes of assisting the Department of Employee Trust Funds (ETF) in fulfilling its financial accounting requirements. No attempt is being made to offer any accounting opinion or advice. This report is for the fiscal year ending December 31, 2024. The reporting date for determining plan assets and obligations is December 31, 2024. The calculations enclosed in this report have been made on a basis consistent with our understanding of the plan provisions. Determinations for purposes other than meeting financial reporting requirements may be significantly different than the results contained in this report. Accordingly, additional determinations may be needed for other purposes, such as judging benefit security or meeting employer funding requirements.

In preparing this report, we relied, without audit, on information as of January 1, 2024 and December 31, 2024 furnished by the ETF and Securian. This information includes, but is not limited to, statutory provisions, member census data, and financial information. The membership as of January 1, 2024 includes 73,840 active participants and 52,431 retirees.

We performed a limited review of the census and financial information used directly in our analysis and have found them to be reasonably consistent and comparable with information used for other purposes. The valuation results depend on the integrity of this information. If any of this information is inaccurate or incomplete our results may be different and our calculations may need to be revised.

We hereby certify that, to the best of our knowledge, this report, including all costs and liabilities based on actuarial assumptions and methods, is complete and accurate and determined in conformance with generally recognized and accepted actuarial principles and practices, which are consistent with the Actuarial Standards of Practice promulgated by the Actuarial Standards Board and the applicable Code of Professional Conduct, amplifying Opinions and supporting Recommendations of the American Academy of Actuaries.

This valuation report is only an estimate of the plan's financial condition as of a single date. It can neither predict the plan's future condition nor guarantee future financial soundness. Actuarial valuations do not affect the ultimate cost of plan benefits, only the timing of plan contributions. While the valuation is based on an array of individually reasonable assumptions, other assumption sets may also be reasonable and valuation results based on those assumptions would be different. No one set of assumptions is uniquely correct. Determining results using alternative assumptions is outside the scope of our engagement.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to factors such as, but not limited to: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Due to the limited scope of the actuarial assignment, we did not perform an analysis of the potential range of such future measurements.

Certification

The valuation results were developed using models intended for valuations that use standard actuarial techniques. We have reviewed the models, including their inputs, calculations, and outputs for consistency, reasonableness, and appropriateness to the intended purpose and in compliance with generally accepted actuarial practice and relevant actuarial standards of practice. The models, including all input, calculations, and output may not be appropriate for any other purpose.

Milliman's work is prepared solely for the internal use and benefit of the Wisconsin Department of Employee Trust Funds. To the extent that Milliman's work is not subject to disclosure under applicable public records laws, Milliman's work may not be provided to third parties without Milliman's prior written consent. Milliman does not intend to benefit or create a legal duty to any third party recipient of its work product. Milliman's consent to release its work product to any third party may be conditioned on the third party signing a Release, subject to the following exceptions: (a) the Plan Sponsor may provide a copy of Milliman's work, in its entirety, to the Plan Sponsor's professional service advisors who are subject to a duty of confidentiality and who agree to not use Milliman's work for any purpose other than to benefit the Fund; and (b) the Plan Sponsor may provide a copy of Milliman's work, in its entirety, to other governmental entities, as required by law.

This report and its use are subject to the terms of our Consulting Services Agreement with the Wisconsin Department of Employee Trust Funds dated October 1, 2014.

No third party recipient of Milliman's work product should rely upon Milliman's work product. Such recipients should engage qualified professionals for advice appropriate to their specific needs.

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

The signing actuaries are independent of the plan sponsor. We are not aware of any relationship that would impair the objectivity of our work.

On the basis of the foregoing, we hereby certify that, to the best of our knowledge and belief, this report is complete and has been prepared in accordance with generally recognized accepted actuarial principles and practices. We are members of the American Academy of Actuaries and meet the Qualification Standards to render the actuarial opinion contained herein.

John M. Chmielewski, FSA, EA, MAAA Principal and Consulting Actuary Daniel W. Colby, FSA, EA, MAAA

Consulting Actuary

Executive Summary

Overview of GASB 74 and GASB 75

The Governmental Accounting Standards Board (GASB) released accounting standards for public postemployment benefit plans other than pension (OPEB) and participating employers in 2015. These standards, GASB Statements No. 74 and 75, have substantially revised the accounting requirements previously mandated under GASB Statements No. 43 and 45. The most notable change is that the Annual Required Contribution (ARC) has been eliminated and the Net OPEB Liability will be an item on the employer's financial statement rather than a footnote entry.

GASB 74 applies to financial reporting for public OPEB plans and is required to be implemented for plan fiscal years beginning after June 15, 2016. Note that a plan's fiscal year might not be the same as the employer's fiscal year. Even if the plan does not issue standalone financial statements, but rather is considered a trust fund of a government, it is subject to GASB 74. Under GASB 74, enhancements to the financial statement disclosures are required, along with certain required supplementary information.

GASB 75 governs the specifics of accounting for public OPEB plan obligations for participating employers and is required to be implemented for employer fiscal years beginning after June 15, 2017. GASB 75 requires a liability for OPEB obligations, known as the Net OPEB Liability (Total OPEB Liability for unfunded plans), to be recognized on the balance sheets of participating employers. Changes in the Net OPEB Liability (Total OPEB Liability for unfunded plans) will be immediately recognized as OPEB Expense on the income statement or reported as deferred inflows/outflows of resources depending on the nature of the change.

Notes to Financial Statements

Statement No. 74 - Notes to Stand-Alone Plan Financial Statements

| OPEB Plan description | Plan name, administrator, and classification Identification of board of trustees Participating employers and nonemployer contributing entities as applicable Plan eligibility and coverage, key benefit terms, and membership counts Contribution requirements, bases, amounts, sources, and authority |
|------------------------------------|--|
| Significant assumptions and inputs | Items such as (but not limited to) discount rate basis and derivation, mortality assumptions, benefit levels, cost sharing, cash flows, and healthcare cost trend rates, including discount rate and trend rate sensitivity |
| OPEB plan investments | Investment policies, authority, and changes during period Asset allocations of five percent or more in non-U.S. government investments Money-weighted rates of return |
| OPEB liabilities | Total OPEB Liability (TOL), Fiduciary Net Position (FNP), Net OPEB Liability (NOL), FNP as a percentage of TOL |
| Dates and roll forward details | Valuation and measurement dates, and any update procedures used |

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Page 3

Statement No. 75 - Notes to Financial Statements for Employers and Nonemployer Contributing Entitles

| Description of associated OPEB plans | Plan name, administrator, and classification Plan eligibility and coverage, key benefit terms, and membership counts Contribution requirements, bases, amounts, sources, and authority Availability of stand-alone plan financial statements |
|---|---|
| Significant assumptions and inputs for associated OPEB plans | Items such as (but not limited to) discount rate basis and derivation, mortality assumptions, benefit levels, cost sharing, cash flows, and healthcare cost trend rates, including discount rate and health trend rate sensitivity Proportionate share of collective NOL or TOL as applicable, including sensitivity to discount rate and health trend rate |
| Asset information and FNP for associated OPEB plans | Either: included, or if part of a plan's standalone statements or included in the financial report of another government, provide information as to how to obtain the report, or disclosure that there are no assets in trust |
| OPEB liabilities and changes in NOL/TOL for associated OPEB plans (as applicable) | Beginning and ending balances of TOL, FNP, and NOL OPEB expense and expenditures Disclosure of special funding situations |
| Dates and roll forward details | Valuation and measurement dates, and any update procedures used |
| Other items | Changes in assumptions and benefit terms Determination basis of proportionate share and changes in the employer's or nonemployer contributing entities' portion Significant events affecting NOL or TOL OPEB expense recognized for the period Balances of deferred outflows and inflows of resources related to OPEB, including a five-year schedule of net amounts to be recognized Insurance purchases and support by nonemployer contributing entities, if any Experience studies |

Required Supplementary Information (RSI)

The financial statements of employers also include RSI showing a 10-year fiscal history of the following. The first two tables may be built prospectively as the information becomes available. The reader should note that an actuarially determined contribution is not calculated for this plan.

- sources of changes in the net OPEB liability/(asset)
- information about the components of the net OPEB liability/(asset) and related ratios
- comparison of actual employer contributions to the actuarially determined contributions, if an actuarially determined contribution is calculated
- collective amounts, proportions, and proportionate share information as applicable for the above schedules
- the annual money-weighted rate of return on OPEB plan investments

Overview of Postretirement Life Insurance Program

After an employee satisfies the Enrollment Eligibility, both the employee and the employer pay premiums for life insurance coverage. These premiums support life insurance coverage for death while an active employee and in retirement after the employee satisfies the Retirement Eligibility.

Both the employee and employer pay the applicable premiums until the employee retires. If an employee retires before age 65, the retired employee must continue to pay the employee premiums until reaching age 65 in order to maintain the life insurance coverage after age 65. This report continues prior practice of identifying retired employees before age 65 as "Pre-65 Annuitants", and retired employees on or after age 65 as "Post-64 Retirees".

This GASB 74 report presents the results of the actuarial valuation in accordance with GASB 74 as of December 31, 2024 for the State of Wisconsin Retiree Life Insurance Programs for Local employees. Under GASB 74, an actuarial valuation is required for post-employment benefits. Consequently, the death benefits provided prior to retirement are excluded from the actuarial valuation. There are several differences in actuarial assumptions and methods specified by GASB 74 compared to those used to determine the financial reporting prepared by Securian. These differences include treatment of assets, actuarial methods, and the discount rate. Reconciliation of these differences is outside the scope of our assignment with the ETF.

The actuarial liability for the Postretirement Life Insurance program for local employees discussed in this report consists of the following components:

- Actives: The liability for actives represents the expected present value of future death benefits payable to active members based upon expected future retirements. There were 73,840 active members as of 1/1/2024.
- <u>Disabled Participants</u>: The liability for disabled participants represents the expected present value of future death benefits payable to disabled participants. There were 875 disabled members as of 1/1/2024.
- <u>Pre-65 Annuitants</u>: The liability for pre-65 annuitants represents the expected present value of future death benefits payable less the expected present value of future employee premiums payable before age 65 to pre-65 annuitants who retired on or before 1/1/2024. There were 9,725 pre-65 annuitants reported as of 1/1/2024.
- Post-64 Retirees: The liability for post-64 retirees represents the expected present value of future death benefits payable to post-64 retirees as of 1/1/2024. There were 41,831 post-64 retirees reported as of 1/1/2024.

Summary of Results

This report presents the results of the actuarial valuation in accordance with GASB 74 as of December 31, 2024 for the State of Wisconsin Retiree Life Insurance Programs for Local employees. Under GASB 74, an actuarial valuation is required for post-employment benefits. Consequently, the death benefits provided prior to retirement are excluded from the actuarial valuation. Both the employee and employer pay the applicable premiums until the employee retires. If an employee retires before age 65, the retired employee must continue to pay the employee premiums until reaching age 65 in order to maintain the life insurance coverage after age 65. The table below compares the 12/31/2023 to 12/31/2024 GASB 74 results.

| (\$ in millions) | | |
|------------------------------|--------------|--------------|
| Valuation Date | 01/01/2023 | 01/01/2024 |
| Measurement Date | 12/31/2023 | 12/31/2024 |
| Funded Status | | |
| Total OPEB Liability (TOL) | \$696 | \$623 |
| Fiduciary Net Position (FNP) | <u>(236)</u> | <u>(232)</u> |
| Net OPEB Liability (NOL)(1) | \$460 | \$391 |
| FNP as a % of TOL | 34% | 37% |
| OPEB Expense | \$35 | \$20 |
| Discount Rate | 3.32% | 4.09% |

(1) May not add due to rounding.

Net OPEB Liability

Under GASB 74, the Net OPEB Liability is equal to the Total OPEB Liability less the fiduciary net position. The Net OPEB Liability decreased from \$460 million as of December 31, 2023 to \$391 million as of December 31, 2024 for the local plan. There are two significant factors impacting the change in the Net OPEB Liability:

- (1) Municipal bond rate
- (2) Level of employer contributions

Each of these factors is discussed in further detail below.

1. <u>Municipal Bond Rate</u>

At implementation of GASB 74, the State of Wisconsin chose the Bond Buyer GO 20-Bond Municipal Bond Index. The bond index increased from 3.26% at December 31, 2023 to 4.08% at December 31, 2024. The impact due to the change in the municipal bond index was a decrease in the net OPEB liability of approximately \$98 million for the local plan.

2. Level of Employer Contributions

Employer contributions to the postretirement life insurance program are a specified percentage of the employer premiums to the life insurance plan. GASB 74 requires depletion date projections using projections of future contributions according to the "funding policy". The depletion date projections indicate the current level of employer contributions are not large enough to cover the cost of benefits earned by active employees and reduce the Net OPEB Liability. Absent additional monies from other sources, contributions under the current funding policy will not be sufficient to accumulate sufficient money to pay benefits when due under the current actuarial assumptions. As of December 31, 2024, the fiduciary net position is projected to be insufficient by December 31, 2038 for the local plan.

Assets for the postretirement life insurance program are held in the Retiree Premium Deposit Fund and the Contingent Liability Reserve. These assets are held in an irrevocable trust for the exclusive purpose of providing postretirement life insurance benefits to plan participants. The 2024 asset activity is reported on pages 8 and 9. The Active Premium Deposit Fund and Active Stabilization Reserve are two accounts maintained separately by Securian, the plan's insurance carrier, but are not included in the plan assets in the GASB 74 valuation. It is our understanding that these funds are discretionary funds that the Group Insurance Board may use to (1) hold as a reserve to mitigate current premium fluctuations pertaining to coverage for active employees, retirees or both, (2) use to mitigate future premium fluctuations pertaining to coverage for active employees, retirees or both, or (3) transfer to the postretirement life insurance program assets. As of 12/31/2024, the total value in the Active Premium Deposit Fund plus the Active Stabilization Reserve was \$114 million.

Overall Net OPEB Liability Impact

The discount rate is determined as the single equivalent rate that results in the same actuarial present value as the long-term expected rate of return applied to benefit payments, to the extent that the plan's fiduciary net position is projected to be sufficient to make projected benefit payments, and the municipal bond rate applied to benefit payments, to the extent that the plan's fiduciary net position is projected to be insufficient. The factors above play a key role in the calculation of the single equivalent rate.

Because the projections result in a date of depletion, the GASB 74 discount rate is lower than the investment return assumption of 4.25% as of December 31, 2024. After assets are expected to be depleted, projected benefit payments are discounted using the municipal bond index. The net result of the increase in the municipal bond rate is an increase in the single equivalent rate from 3.32% as of December 31, 2023 to 4.09% as of December 31, 2024, which caused a decrease in the Net OPEB Liability of \$98 million.

The Net OPEB Liability is \$391 million resulting in a funded ratio of 37.2% for the local plan as of December 31, 2024.

Statement of Fiduciary Net Position

| | December 31, 2024 |
|---|--------------------------|
| Assets | |
| Receivables: | |
| Due From Other Benefit Programs | \$0 |
| Miscellaneous Receivables | 286,319 |
| Total Receivables | 286,319 |
| Investments: | |
| Investment Contract | 232,684,501 |
| Total Investments | 232,684,501 |
| Capital Assets, Net | 69,772 |
| Total Assets | 233,040,592 |
| Liabilities | |
| Benefits Payable | 832,793 |
| Unearned Revenue | 169,288 |
| Due to Other Benefit Programs | 51,915 |
| Miscellaneous Payables | 235,372 |
| Total Liabilities | 1,289,368 |
| Net Position Restricted For Postemployment Benefits | |
| Other Than Pensions | \$231,751,224 |

Statement of Changes in Fiduciary Net Position

| | December 31, 2024 |
|---|--------------------------|
| Additions | |
| Employer Contributions | \$2,103,564 |
| Total Contributions | 2,103,564 |
| Investment Income (loss): | |
| Other Investment Income | 7,307,512 |
| Net Investment Income | 7,307,512 |
| Service Reimbursement Income | 286,319 |
| Miscellaneous Income | 0 |
| Total Additions | 9,697,395 |
| Deductions | |
| Other Benefit Expenses | 12,055,169 |
| Carrier Administrative Expenses | 1,589,936 |
| Administrative Expenses | 237,856 |
| Total Deductions | 13,882,961 |
| Transfer from Active Life Insurance Program | 0 |
| Net Increase/(Decrease) in Net Position | (4,185,566) |
| Net Position Restricted For Postemployment Benefits Other Than Pensions | |
| Beginning of Year (January 1, 2024) | 235,936,790 |
| End of Year (December 31, 2024) | \$231,751,224 |

Money-Weighted Rate of Return

The money-weighted rate of return shown in the table below is calculated by Securian, the plan's insurance carrier.

| Fiscal Year Ending December 31 | Net Money-Weighted Rate of Return |
|--------------------------------------|---|
| 2015 | N/A |
| 2016 | N/A |
| 2017 | 3.13% |
| 2018 | 3.10% |
| 2019 | 3.05% |
| 2020 | 2.84% |
| 2021 | 2.65% |
| 2022 | 2.77% |
| 2023 | 3.04% |
| 2024 | 3.17% |

Long-Term Expected Rate of Return

Milliman's capital market assumptions underlie the "building block" method used in our estimate of expected return. The building block method in our model considers asset allocation, expected return and variance of each class, and correlation between asset classes. We then analyze the output ranges and Securian's assumption in order to arrive at our recommended investment return assumption.

Generally speaking, we recommend the expected return be set using a geometric return reasonably close to the 50th percentile over an appropriate time horizon. Due to the long-term nature of the retiree life insurance obligation, we looked at results compounded over a 30 year time period. Based on Milliman's capital market assumptions as of December 31, 2024 and the target asset allocation for the retiree life insurance program, the 50th percentile return over this time period is 4.95%.

The discount rate assumption Securian uses in the post-retirement funding analysis is determined by the following process:

- Securian projects a discount rate for each year in the projection based on a projection of new money rates blended with returns on current assets.
- The new money rates are projected based on a method agreed upon between Securian and ETF.
- The current projection assumption is that new money crediting rates grade from the current new money rate to an ultimate rate of 5.0% over 10 years.
- The projected new money rates are blended with the existing asset returns using the 10-year IYM method used to credit interest on plan assets.
- Securian's 30-year geometric average projected crediting rate as of December 31, 2024 is 4.78%.

Investments for the Retiree Life Insurance Funds are held with the insurance carrier. Interest is calculated and credited to the Retiree Life Insurance Funds based on the rate of return for a segment of the insurance carrier's general fund, specifically 10 Year A- Bonds (as a proxy, and not tied to any specific investments). The funds invested during the year earn interest based on that year's rate of return for 10 Year A- Bonds. The overall aggregate interest rate is calculated using a tiered approach based on the year the funds were invested and the rate of return for that year. Investment interest is credited based on the aggregate rate of return and assets are not adjusted to fair market value.

Although the expected rates are higher than the assumed Long-Term Expected Rate of Return, the Long-Term Rate of Return assumption remains unchanged due to the long-term nature of the plan and factoring in historical investment losses.

| Asset Class | Index | Target Allocation | Expected Geometric Real Rate of Return |
|--|--|----------------------|---|
| US Intermediate Credit Bonds US Mortgages | Bloomberg US Interm Credit Bloomberg US MBS | 40.00% 60.00% | 2.41% 2.71% |
| Inflation | | | 2.30% |
| Long-Term Expected Rate of F | Return | | 4.25% |

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Page 11

Depletion Date Projection

In order to determine if the plan's fiduciary net position is projected to be sufficient to make projected benefit payments, we have prepared a depletion date projection using the following techniques and assumptions:

- The employer and pre-65 annuitants contribute according to the premium schedule on page 30 of this report.
- Benefit payments are projected based on the actuarial assumptions and the current plan provisions.
- Members are assumed to terminate, retire, become disabled, die, and so forth according to the
 actuarial assumptions as listed in the Actuarial Assumptions section beginning on page 22 of this
 report.
- Terminating and retiring members will not be replaced with new employees, as mandated by the GASB 74/75 standards.
- All cash flows are assumed to occur on average halfway through the year.
- The long-term expected rate of return on plan investments is 4.25%.
- The 20 year tax-exempt municipal bond index rate is 4.08% as of December 31, 2024, based on the Bond Buyer GO 20-Bond Municipal Bond Index.
- The actuarial assumptions do not change.
- The plan provisions do not change except if any material future changes have been agreed upon as
 of the measurement date.

Actual results at each point in time will yield different values, reflecting the actual experience of the plan membership and assets.

The projection results to determine the December 31, 2024 discount rate are shown on pages 13 through 15.

Projection of Fiduciary Net Position

| Year | Projected Beginning Fiduciary Net Position | Projected Employer Contributions | Projected Benefit Payments | Projected Administrative Expenses | Projected Investment Earnings | Projected Ending Fiduciary Net Position |
|------|---|--|----------------------------------|---|-------------------------------------|--|
| 2025 | \$231,751,224 | \$2,144,957 | \$16,211,409 | \$1,580,000 | \$9,516,940 | \$225,621,712 |
| 2026 | 225,621,712 | 1,996,413 | 17,206,068 | 1,616,340 | 9,231,370 | 218,027,087 |
| 2027 | 218,027,087 | 1,852,711 | 18,261,086 | 1,653,516 | 8,882,336 | 208,847,532 |
| 2028 | 208,847,532 | 1,712,565 | 19,376,032 | 1,691,547 | 8,464,726 | 197,957,244 |
| 2029 | 197,957,244 | 1,575,743 | 20,563,185 | 1,730,452 | 7,972,928 | 185,212,278 |
| 2030 | 185,212,278 | 1,443,895 | 21,804,638 | 1,770,253 | 7,401,238 | 170,482,521 |
| 2031 | 170,482,521 | 1,319,940 | 23,112,988 | 1,810,968 | 6,743,922 | 153,622,426 |
| 2032 | 153,622,426 | 1,204,566 | 24,465,339 | 1,852,621 | 5,995,293 | 134,504,325 |
| 2033 | 134,504,325 | 1,098,047 | 25,846,089 | 1,895,231 | 5,150,264 | 113,011,316 |
| 2034 | 113,011,316 | 1,000,523 | 27,267,480 | 1,938,821 | 4,203,608 | 89,009,146 |
| 2035 | 89,009,146 | 912,324 | 28,741,327 | 1,983,414 | 3,149,375 | 62,346,104 |
| 2036 | 62,346,104 | 833,730 | 30,202,990 | 2,029,033 | 1,982,496 | 32,930,307 |
| 2037 | 32,930,307 | 762,778 | 31,549,262 | 2,075,701 | 701,217 | 769,340 |
| 2038 | 769,340 | 698,456 | 32,835,819 | 2,123,442 | 0 | (33,491,465) |

Actuarial Present Value of Projected Benefit Payments

| | Projected Beginning Fiduciary Net Position | Projected Benefit Payments | "Funded" Portion of Benefit Payments | "Unfunded" Portion of Benefit Payments | Present Value of "Funded" Benefit Payments at 4.25%* | Present Value of "Unfunded" Benefit Payments at 4.08%** | Present Value of Total Benefit Payments at 4.09%*** |
|--|--|---|--|---|---|---|--|
| 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2055 2056 2057 2058 2060 2061 2062 2063 2064 2065 2066 2067 2069 2070 2071 2072 | \$231,751,224 225,621,712 218,027,087 208,847,532 197,957,244 185,212,278 170,482,521 153,622,426 134,504,325 113,011,316 89,009,146 62,346,104 32,930,307 769,340 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | \$16,211,409 17,206,068 18,261,086 19,376,032 20,563,185 21,804,638 23,112,988 24,465,339 25,846,089 27,267,480 28,741,327 30,202,990 31,549,262 32,835,819 34,160,364 35,424,615 36,598,988 37,768,690 38,876,768 39,943,731 40,935,313 41,839,065 42,655,165 43,444,558 44,158,174 44,887,033 45,539,166 46,204,045 46,920,839 47,567,535 48,979,601 49,678,515 50,358,422 51,033,909 51,681,333 52,266,987 52,781,222 53,191,865 53,480,718 53,676,156 53,446,546 53,125,020 52,758,683 52,319,539 51,806,686 51,223,068 | \$16,211,409 17,206,068 18,261,086 19,376,032 20,563,185 21,804,638 23,112,988 24,465,339 25,846,089 27,267,480 28,741,327 30,202,990 31,549,262 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 32,835,819 34,160,364 35,424,615 36,598,988 37,768,690 38,876,768 39,943,731 40,935,313 41,839,065 42,655,165 43,444,558 44,158,174 44,887,033 45,539,166 46,204,045 46,920,839 47,567,535 48,268,675 48,979,601 49,678,515 50,358,422 51,033,909 51,681,333 52,266,987 52,781,222 53,191,865 53,480,718 53,676,156 53,644,234 53,426,546 53,125,020 52,758,683 52,319,539 51,806,686 51,223,068 | at 4.25%* \$15,877,522 16,164,696 16,456,461 16,749,376 17,050,931 17,343,252 17,634,440 17,905,265 18,144,637 18,362,102 18,565,564 18,714,370 18,751,603 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 19,137,690 19,129,203 19,059,533 18,919,467 18,758,774 18,552,200 18,314,143 18,033,034 17,708,647 17,346,336 16,974,783 16,577,257 16,190,310 15,781,637 15,384,369 15,010,605 14,620,956 14,254,869 13,897,792 13,543,530 13,190,708 12,843,623 12,496,694 12,142,878 11,781,655 11,407,876 11,020,201 10,626,896 10,204,243 9,764,4445 9,328,725 8,901,226 8,481,106 8,068,766 7,665,132 | at 4.09%*** \$15,889,493 16,201,284 16,518,589 16,837,969 17,166,975 17,487,624 17,808,058 18,108,824 18,378,598 18,626,921 18,861,726 19,041,584 19,105,485 19,094,629 19,022,711 18,880,561 18,717,863 18,509,429 19,022,711 16,925,088 16,526,664 16,138,885 15,729,547 15,331,678 14,957,327 14,567,244 14,200,730 13,843,282 13,488,727 13,135,693 12,788,460 12,441,469 12,087,708 11,726,664 11,353,213 10,966,027 10,573,336 10,151,547 9,712,808 9,278,234 8,851,945 8,433,099 8,022,092 7,619,842 |
| 2073 2074 2075 2076 2077 | 0 0 0 0 | 50,556,630 49,797,665 48,937,921 47,968,971 46,889,345 | 0 0 0 0 | 50,556,630 49,797,665 48,937,921 47,968,971 46,889,345 | 0 0 0 0 | 7,268,836 6,879,050 6,495,277 6,117,096 5,745,023 | 7,224,986 6,836,698 6,454,483 6,077,919 5,707,517 |

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Page 14

Actuarial Present Value of Projected Benefit Payments (Continued)

| Year | Projected Beginning Fiduciary Net Position | Projected Benefit Payments | "Funded" Portion of Benefit Payments | "Unfunded" Portion of Benefit Payments | Present Value of "Funded" Benefit Payments at 4.25%* | Present Value of "Unfunded" Benefit Payments at 4.08%** | | Present Value of Total Benefit Payments at 4.09%*** |
|--|---|---|---|--|---|--|---|---|
| Year 2078 2079 2080 2081 2082 2083 2084 2085 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2118 2111 2112 2113 2114 2115 2116 2117 2118 | \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | \$45,695,963 44,387,139 42,967,363 41,437,046 39,798,668 38,055,482 36,208,302 34,264,011 32,229,224 30,114,587 27,929,557 25,691,633 23,417,339 21,123,561 18,835,839 16,580,478 14,384,729 12,283,530 10,306,203 8,485,809 6,849,415 5,412,971 4,182,853 3,156,240 2,322,487 1,664,104 1,159,314 784,081 514,067 326,254 200,158 118,550 67,704 37,239 19,722 10,064 4,961 2,369 1,098 495 218 95 | \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | \$45,695,963 44,387,139 42,967,363 41,437,046 39,798,668 38,055,482 36,208,302 34,264,011 32,229,224 30,114,587 27,929,557 25,691,633 23,417,339 21,123,561 18,835,839 16,580,478 14,384,729 12,283,530 10,306,203 8,485,809 6,849,415 5,412,971 4,182,853 3,156,240 2,322,487 1,664,104 1,159,314 784,081 514,067 326,254 200,158 118,550 67,704 37,239 19,722 10,064 4,961 2,369 1,098 495 218 95 41 | \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | \$5,379,330 5,020,422 4,669,329 4,326,506 3,992,544 3,668,015 3,353,164 3,048,720 2,755,256 2,473,556 2,204,152 1,948,058 1,706,006 1,478,573 1,266,757 1,071,367 893,049 732,706 590,660 467,267 362,375 275,152 204,288 148,106 104,710 72,086 48,251 31,354 19,751 12,044 7,099 4,040 2,217 1,171 596 292 138 64 28 12 5 2 | | \$5,343,544 4,986,402 4,637,109 4,296,116 3,964,005 3,641,342 3,328,365 3,025,795 2,734,196 2,454,343 2,186,759 1,932,445 1,692,121 1,466,357 1,256,134 1,062,250 885,339 726,290 585,415 463,060 359,067 272,607 202,373 146,699 103,703 71,383 47,774 31,041 19,551 11,920 7,026 3,997 2,193 1,159 590 289 137 63 28 12 5 2 |
| 2121 2122 2123 | 0 0 0 | 16 6 2 | 0 0 | 16 6 2 | 0 0 0 | 0 0 0 | | 0 0 0 |
| Total | | | | | 227,720,219 | + 579,963,810 | = | 807,684,029 |

^{*} Discounted at the long-term expected rate of return, 4.25%

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Page 15

^{**} Discounted at the municipal bond rate, 4.08%

^{***} Discounted at the single interest rate that produces a total actuarial present value equal to the sum of the actuarial present values of "funded" and "unfunded" benefit payments, 4.09%

Net OPEB Liability

| Fiscal Year Ending | December 31, 2023 | December 31, 2024 |
|---|-------------------|-------------------|
| T. C. LODED E. L. T.C. | Ф000 000 000 | #000 070 000 |
| Total OPEB liability | \$696,002,206 | \$622,976,996 |
| Fiduciary net position | 235,936,790 | 231,751,224 |
| Net OPEB liability | 460,065,416 | 391,225,772 |
| Fiduciary net position as a % of total OPEB liability | 33.90% | 37.20% |
| Covered payroll | 4,619,141,000 | 4,841,660,000 |
| Net OPEB liability as a % of covered payroll | 9.96% | 8.08% |

The total OPEB liability was determined by an actuarial valuation as of the valuation date, calculated based on the discount rate and actuarial assumptions below, and was then projected forward to the measurement date. Any significant changes during this period have been reflected as prescribed by GASB 74 and 75.

Discount Rate

| Discount rate | 3.32% | 4.09% |
|--|-------|-------|
| Long-term expected rate of return, net of investment expense | 4.25% | 4.25% |
| 20 Year Tax-Exempt Municipal Bond Yield | 3.26% | 4.08% |

The plan's fiduciary net position was projected to be insufficient to make all projected future benefit payments of current active and inactive employees. Therefore, the discount rate for calculating the total OPEB liability is equal to the single equivalent rate that results in the same actuarial present value as the long-term expected rate of return applied to benefit payments, to the extent that the plan's fiduciary net position is projected to be sufficient to make projected benefit payments, and the municipal bond rate applied to benefit payments, to the extent that the plan's fiduciary net position is projected to be insufficient.

Other Key Actuarial Assumptions

| Valuation date | January 1, 2023 | January 1, 2024 |
|--------------------------------------|--|--|
| Measurement date | December 31, 2023 | December 31, 2024 |
| Salary increases including inflation | WRS; see "Actuarial Assumptions" for details | WRS; see "Actuarial Assumptions" for details |
| Mortality | WRS; see "Actuarial Assumptions" for details | WRS; see "Actuarial Assumptions" for details |
| Actuarial cost method | Entry Age Normal | Entry Age Normal |

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Changes in Net OPEB Liability

| | Increase (Decrease) | | | |
|--|--------------------------------|---------------------------------------|------------------------------------|--|
| | Total OPEB Liability (a) | Plan Fiduciary Net Position (b) | Net OPEB Liability (a) - (b) | |
| Balances as of December 31, 2023 | \$696,002,206 | \$235,936,790 | \$460,065,416 | |
| Changes for the year: | | | | |
| Service cost | 24,276,899 | | 24,276,899 | |
| Interest on total OPEB liability | 23,714,784 | | 23,714,784 | |
| Effect of plan changes | 0 | | 0 | |
| Effect of economic/demographic gains or losses | (12,936,125) | | (12,936,125) | |
| Effect of assumptions changes or inputs | (96,025,599) | | (96,025,599) | |
| Benefit payments | (12,055,169) | (12,055,169) | 0 | |
| Employer contributions | | 2,103,564 | (2,103,564) | |
| Transfer from active life insurance program | | 0 | 0 | |
| Net investment income | | 7,593,831 | (7,593,831) | |
| Administrative expenses | | (1,827,792) | 1,827,792 | |
| Balances as of December 31, 2024 | 622,976,996 | 231,751,224 | 391,225,772 | |

Sensitivity Analysis

The following presents the net OPEB liability, calculated using the discount rate of 4.09%, as well as what the net OPEB liability would be if it were calculated using a discount rate that is 1 percentage point lower (3.09%) or 1 percentage point higher (5.09%) than the current rate.

| | 1% Decrease 3.09% | Current Discount Rate 4.09% | 1% Increase 5.09% |
|------------------------|----------------------|-----------------------------------|----------------------|
| Total OPEB liability | \$754,679,227 | \$622,976,996 | \$521,488,533 |
| Fiduciary net position | 231,751,224 | 231,751,224 | 231,751,224 |
| Net OPEB liability | 522,928,003 | 391,225,772 | 289,737,309 |

Healthcare trend rates do not affect the retiree life insurance liabilities. Thus, sensitivity analysis of healthcare trend rates is not included.

Schedule of Changes in Net OPEB Liability and Related Ratios (in 1,000s)

| Fiscal Year Ending December 31 | 2024 | 2023 | 2022 | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 | 2015 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|
| Total OPEB Liability | | | | | | | | | | |
| Service cost | \$24,277 | \$20,595 | \$34,792 | \$33,939 | \$26,704 | \$17,024 | \$21,103 | \$18,064 | N/A | N/A |
| Interest on total OPEB liability | \$23,715 | \$23,935 | \$18,817 | 18,679 | 20,163 | 21,747 | 20,416 | 19,813 | N/A | N/A |
| Changes of benefit terms | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N/A | N/A |
| Effect of economic/demographic (gains) or losses | (12,936) | (14,798) | (16,428) | (10,657) | (12,478) | (9,523) | (11,045) | (4,888) | N/A | N/A |
| Effect of assumption changes or inputs | (96,026) | 57,043 | (239,957) | 6,281 | 97,691 | 159,401 | (65,026) | 33,525 | N/A | N/A |
| Net Benefit payments | (12,055) | (13,387) | (13,838) | (10,444) | (12,873) | (9,358) | (7,605) | (7,323) | N/A | N/A |
| Net change in total OPEB liability | (73,025) | 73,389 | (216,614) | 37,798 | 119,207 | 179,290 | (42,157) | 59,190 | N/A | N/A |
| Total OPEB liability, beginning | 696,002 | 622,613 | 839,227 | 801,429 | 682,222 | 502,932 | 545,089 | 485,899 | N/A | N/A |
| Total OPEB liability, ending (a) | 622,977 | 696,002 | 622,613 | 839,227 | 801,429 | 682,222 | 502,932 | 545,089 | N/A | N/A |
| Fiduciary Net Position | | | | | | | | | | |
| Employer contributions | \$2,104 | \$2,038 | \$2,006 | \$2,047 | \$1,994 | \$1,808 | \$1,927 | \$2,063 | N/A | N/A |
| Transfer from active life insurance program | 0 | 0 | 0 | 0 | 0 | 12,945 | 0 | \$0 | N/A | N/A |
| Net Investment income | 7,594 | 7,430 | 6,929 | 6,718 | 7,336 | 7,494 | 7,580 | 7,664 | N/A | N/A |
| Net Benefit payments | (12,055) | (13,387) | (13,838) | (10,444) | (12,873) | (9,358) | (7,605) | (7,323) | N/A | N/A |
| Administrative expenses | (1,828) | (1,775) | (1,657) | (1,487) | (1,504) | (1,384) | (1,235) | (1,284) | N/A | N/A |
| Net change in plan fiduciary net position | (4,186) | (5,694) | (6,560) | (3,166) | (5,046) | 11,505 | 667 | 1,119 | N/A | N/A |
| Fiduciary net position, beginning | 235,937 | 241,630 | 248,190 | 251,357 | 256,403 | 244,898 | 244,231 | 243,112 | N/A | N/A |
| Fiduciary net position, ending (b) | 231,751 | 235,937 | 241,630 | 248,190 | 251,357 | 256,403 | 244,898 | 244,231 | N/A | N/A |
| Net OPEB liability, ending = (a) - (b) | \$391,226 | \$460,065 | \$380,983 | \$591,037 | \$550,072 | \$425,819 | \$258,034 | \$300,858 | N/A | N/A |
| Fiduciary net position as a % of total OPEB liability | 37.20% | 33.90% | 38.81% | 29.57% | 31.36% | 37.58% | 48.69% | 44.81% | N/A | N/A |
| Covered payroll | \$4,841,660 | \$4,619,141 | \$4,471,422 | \$4,418,463 | \$4,307,440 | \$4,228,196 | \$4,115,018 | \$4,205,286 | N/A | N/A |
| Net OPEB liability as a % of covered payroll | 8.08% | 9.96% | 8.52% | 13.38% | 12.77% | 10.07% | 6.27% | 7.15% | N/A | N/A |

This schedule is presented to illustrate the requirement to show information for 10 years. However, recalculations of prior years are not required, and if prior years are not reported in accordance with the current GASB standards, they should not be reported.

Notes to Schedule:

^{*} May not add due to rounding

OPEB Expense and Deferred Inflows/Outflows of Resources

| Fiscal Year | January 1, 2023 to December 31, 2023 | January 1, 2024 to December 31, 2024 |
|---|---|---|
| riscai i eai | December 31, 2023 | December 31, 2024 |
| Service cost | \$20,595,131 | \$24,276,899 |
| Interest on total OPEB liability | 23,935,286 | 23,714,784 |
| Effect of plan changes | 0 | 0 |
| Administrative expenses | 1,774,527 | 1,827,792 |
| Expected investment return net of investment expenses | (9,993,328) | (9,779,606) |
| Recognition of Deferred Inflows/Outflows of Resources | | |
| Recognition of economic/demographic gains or losses | (11,365,880) | (12,952,017) |
| Recognition of assumption changes or inputs | 6,288,804 | (9,842,540) |
| Recognition of investment gains or losses | 3,497,364 | 3,028,504 |
| OPEB Expense | 34,731,904 | 20,273,816 |

As of December 31, 2024, the deferred inflows and outflows of resources to be recognized in future OPEB expense are as follows:

| Deferred Inflows / Outflows of Resources | Deferred Inflows of Resources | Deferred Outflows of Resources |
|--|-------------------------------|--------------------------------|
| Differences between expected and actual experience | (\$40,701,184) | \$0 |
| Changes of assumptions | (219,430,322) | 95,995,737 |
| Net difference between projected and actual earnings | <u>0</u> | <u>5,372,543</u> |
| Total | (260,131,506) | 101,368,280 |
| Total net deferrals | | (158,763,226) |

Amounts currently reported as deferred outflows of resources and deferred inflows of resources related to other postemployment benefits will be recognized in OPEB expense as follows:

| Year ended December 31: | |
|-------------------------|-----------------|
| 2025 | (\$13,398,350) |
| 2026 | (31,790,574) |
| 2027 | (45,817,613) |
| 2028 | (43,741,390) |
| 2029 | (10,634,031) |
| Thereafter* | (13,381,268) |
| Total net deferrals | (\$158,763,226) |

^{*} Note that additional future deferred inflows and outflows of resources may impact these numbers.

Schedule of Deferred Inflows and Outflows of Resources

| | Original Amount | Date Established | | Remaining Recognition Period | Amount Recognized in 12/31/2024 Expense | Balance of Deferred Inflows 12/31/2024 | Balance of Deferred Outflows 12/31/2024 |
|---|--|---|--|--|--|--|---|
| Investment (gains) or losses | 2,185,775 2,563,758 3,335,747 3,756,837 3,300,409 | 12/31/2024 12/31/2023 12/31/2022 12/31/2021 12/31/2020 Total | 5.00 5.00 5.00 5.00 5.00 | 5.00 4.00 3.00 2.00 1.00 | \$437,155 512,752 667,149 751,367 660,081 3,028,504 | \$0 0 0 0 0 0 | \$1,748,620 1,538,254 1,334,300 751,369 <u>0</u> 5,372,543 |
| Differences between expected and actual experience | (12,936,125) (14,797,543) (16,428,397) (10,656,535) (12,478,388) (9,523,423) (11,044,672) (4,888,179) | 12/31/2024 12/31/2023 12/31/2022 12/31/2021 12/31/2020 12/31/2019 12/31/2018 12/31/2017 Total | 6.84 6.86 6.93 6.96 7.05 7.09 7.15 7.53 | 6.84 5.86 4.93 3.96 3.05 2.09 1.15 0.53 | (1,891,246) (2,157,076) (2,370,620) (1,531,111) (1,769,984) (1,343,219) (1,544,709) (344,052) (12,952,017) | (11,044,879) (10,483,391) (9,316,537) (4,532,091) (3,628,468) (1,464,109) (231,709) 0 (40,701,184) | 0 0 0 0 0 0 0 |
| Assumption changes or inputs | (96,025,599) 57,042,752 (239,956,756) 6,280,710 97,690,598 159,400,955 (65,026,046) 33,524,718 | 12/31/2024 12/31/2023 12/31/2022 12/31/2021 12/31/2020 12/31/2019 12/31/2018 12/31/2017 Total | 6.84 6.86 6.93 6.96 7.05 7.09 7.15 7.53 | 6.84 5.86 4.93 3.96 3.05 2.09 1.15 0.53 | (14,038,830) 8,315,270 (34,625,795) 902,401 13,856,822 22,482,504 (9,094,552) 2,359,640 (9,842,540) | (81,986,769) 0 (136,079,371) 0 0 0 (1,364,182) <u>0</u> (219,430,322) | 0 40,412,212 0 2,671,106 28,406,488 24,505,931 0 0 95,995,737 |

Subtotal of Deferred Inflows/Outflows

(260,131,506) 101,368,280

Total net deferrals (158,763,226)

^{*} Investment (gains)/losses are recognized in OPEB expense over a period of five years; differences between expected and actual experience and assumption changes or inputs are recognized over the average remaining service life for all active and inactive members.

Milliman Financial Reporting Valuation

OPEB Liability and Expense Summary

| | Total | Plan | Net | | | | Net OPEB | |
|--|-----------------|---------------|-----------------|-----------------|---------------|----------------|-----------------|--------------|
| | OPEB | Fiduciary | OPEB | Deferred | Deferred | Net | Liability plus | Annual |
| | Liability | Net Position | Liability | Inflows | Outflows | Deferrals | Net Deferrals | Expense |
| Balances as of December 31, 2023 | (\$696,002,206) | \$235,936,790 | (\$460,065,416) | (\$221,880,976) | \$150,127,646 | (\$71,753,330) | (\$531,818,746) | |
| Service cost | (24,276,899) | | (24,276,899) | | | | | 24,276,899 |
| Interest on total OPEB liability | (23,714,784) | | (23,714,784) | | | | | 23,714,784 |
| Effect of plan changes | 0 | | 0 | | | | | 0 |
| Effect of liability gains or losses | 12,936,125 | | 12,936,125 | (12,936,125) | | (12,936,125) | | |
| Effect of assumption changes or inputs | 96,025,599 | | 96,025,599 | (96,025,599) | | (96,025,599) | | |
| Benefit payments | 12,055,169 | (12,055,169) | 0 | | | | | |
| Transfer from active life insurance program | | 0 | 0 | | | | 0 | |
| Administrative expenses | | (1,827,792) | (1,827,792) | | | | | 1,827,792 |
| Expected investment income (net of inv expenses) | | 9,779,606 | 9,779,606 | | | | | (9,779,606) |
| Investment gains or losses | | (2,185,775) | (2,185,775) | | 2,185,775 | 2,185,775 | | |
| Employer contributions | | 2,103,564 | 2,103,564 | | | | 2,103,564 | |
| Recognition of liability gains or losses | | | | 12,952,017 | | 12,952,017 | | (12,952,017) |
| Recognition of assumption changes or inputs | | | | 57,759,177 | (47,916,637) | 9,842,540 | | (9,842,540) |
| Recognition of investment gains or losses | | | | , , | (3,028,504) | (3,028,504) | | 3,028,504 |
| Annual expense | | | | | | | (20,273,816) | 20,273,816 |
| Balances as of December 31, 2024 | (622,976,996) | 231,751,224 | (391,225,772) | (260,131,506) | 101,368,280 | (158,763,226) | (549,988,998) | |

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Page 21

Actuarial Assumptions

The following assumptions were used in the actuarial valuation of the State of Wisconsin Postretirement Life Insurance Plan. Where consistent with the terms of the plan, we have utilized the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. All assumptions are based on estimates of future experience.

Valuation Date: January 1, 2024

Census Date: January 1, 2024

Discount Rate: 4.09% (net of expenses)

Expected Return on Plan Assets: 4.25% Inflation Rate: 2.30%

Salary Increases: Salary increase assumptions adopted by the Employee Trust Funds

Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Assumed rates for individual active members are shown below. Part of the assumption for each age is for merit and longevity increase, and another 3.00% recognizes wage inflation, including price inflation, productivity increases, and other macroeconomic forces. Given that the price inflation assumption of 2.4% and the current wage inflation of 3.0% results in a spread of 60 basis points, GRS recommended no change in the wage inflation with

the most recent experience study.

% of Merit & Longevity Increase Next Year

| Service | Protective with Social Security | Protective w/o Social Security | Executive & Elected | General | Public Schools | University |
|---------|---------------------------------|-----------------------------------|---------------------|---------|----------------|------------|
| 1 | 4.9% | 5.5% | 2.6% | 3.6% | 5.7% | 3.1% |
| 2 | 4.9 | 5.5 | 2.6 | 3.6 | 5.7 | 3.1 |
| 3 | 4.2 | 4.7 | 2.1 | 3.2 | 5.3 | 3.0 |
| 4 | 3.6 | 3.8 | 1.7 | 2.9 | 4.8 | 2.9 |
| 5 | 2.9 | 3.0 | 1.2 | 2.6 | 4.4 | 2.8 |
| 10 | 1.2 | 0.9 | 0.3 | 1.6 | 2.7 | 2.3 |
| 15 | 0.9 | 0.5 | 0.3 | 1.2 | 1.5 | 1.8 |
| 20 | 8.0 | 0.4 | 0.3 | 1.0 | 0.7 | 1.3 |
| 25 | 0.7 | 0.3 | 0.3 | 0.7 | 0.4 | 1.0 |
| 30 | 0.6 | 0.2 | 0.3 | 0.5 | 0.3 | 8.0 |

Expected Premium Rate

0.00% increase in life insurance premium rates shown on page 30.

Change:

Pre-Retirement Mortality:

This assumption applies to death while in service. These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Rates are based on the 2021-2023 experience study as the base table and project future improvements with MP-2021 generational improvement scale from a base year of 2010. This assumption includes a margin for improvements in longevity beyond the valuation date. Sample rates of the mortality with attained ages in 2023 are as follows:

| Age | Males | Females |
|-----|---------|---------|
| 20 | 0.0400% | 0.0166% |
| 25 | 0.0215 | 0.0130 |
| 30 | 0.0353 | 0.0227 |
| 35 | 0.0521 | 0.0330 |
| 40 | 0.0652 | 0.0433 |
| 45 | 0.0831 | 0.0546 |
| 50 | 0.1192 | 0.0777 |
| 55 | 0.1866 | 0.1232 |
| 60 | 0.3079 | 0.1948 |
| 65 | 0.4985 | 0.3006 |
| 70 | 0.7459 | 0.4950 |
| 75 | 1.0846 | 0.9409 |
| 80 | 2.1611 | 1.9401 |

Post-Retirement Mortality:

This assumption applies to death while retired. These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Rates are based on the 2021-2023 experience study as the base table and project future improvements with MP-2021 generational improvement scale from a base year of 2010. This assumption includes a margin for improvements in longevity beyond the valuation date. Sample rates of the mortality with attained ages in 2023 are as follows:

| Age | Males | Females |
|-----|---------|---------|
| 40 | 0.0652% | 0.0433% |
| 45 | 0.0831 | 0.0546 |
| 50 | 0.1224 | 0.0862 |
| 55 | 0.2419 | 0.2222 |
| 60 | 0.4164 | 0.3473 |
| 65 | 0.6785 | 0.4964 |
| 70 | 1.1257 | 0.7859 |
| 75 | 2.0453 | 1.4926 |
| 80 | 3.9021 | 2.9941 |
| 85 | 7.5327 | 5.9093 |

Post-Disability Mortality:

This assumption applies to death after disablement. These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Rates are based on the 2021-2023 experience study as the base table and project future improvements with MP-2021 generational improvement scale from a base year of 2010. This assumption includes a margin for improvements in longevity beyond the valuation date. Sample rates of the mortality with attained ages in 2023 are as follows:

| Age | Males | Females |
|-----|---------|---------|
| 45 | 1.2486% | 1.1210% |
| 55 | 2.2935 | 2.0053 |
| 65 | 3.4886 | 2.5111 |
| 75 | 5.2285 | 4.0895 |
| 85 | 11.2584 | 10.2376 |

Disability:

Percent of employees expected to become disabled each year. These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Sample rates are as follows:

| | | | | General | | Public Schools | | University | |
|-----|---------------------------------|--------------------------------|---------------------|---------|--------|----------------|--------|------------|--------|
| Age | Protective with Social Security | Protective w/o Social Security | Executive & Elected | Male | Female | Male | Female | Male | Female |
| 20 | 0.02% | 0.04% | 0.00% | 0.01% | 0.00% | 0.01% | 0.01% | 0.00% | 0.01% |
| 25 | 0.02 | 0.04 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 |
| 30 | 0.02 | 0.04 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.01 |
| 35 | 0.03 | 0.04 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.03 |
| 40 | 0.05 | 0.06 | 0.01 | 0.03 | 0.03 | 0.01 | 0.02 | 0.01 | 0.04 |
| 45 | 0.07 | 0.11 | 0.01 | 0.06 | 0.05 | 0.03 | 0.06 | 0.02 | 0.04 |
| 50 | 0.11 | 0.64 | 0.02 | 0.13 | 0.07 | 0.08 | 0.10 | 0.03 | 0.07 |
| 55 | 1.73 | 0.48 | 0.09 | 0.24 | 0.13 | 0.14 | 0.15 | 0.08 | 0.11 |
| 60 | 2.92 | 0.14 | 0.11 | 0.43 | 0.18 | 0.24 | 0.22 | 0.11 | 0.17 |

Withdrawal:

Percent of employees expected to terminate each year within the first 10 years of employment. These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Sample rates are as follows:

| | | | Ger | | eral | Public Schools | | Unive | ersity |
|---------|---------------------------------|--------------------------------------|---------------------|-------|--------|----------------|--------|-------|--------|
| Service | Protective with Social Security | Protective w/o Social Security | Executive & Elected | Male | Female | Male | Female | Male | Female |
| 0 | 15.6% | 5.5% | 29.0% | 17.7% | 20.0% | 12.6% | 12.0% | 14.0% | 14.1% |
| 1 | 9.4 | 4.2 | 25.0 | 12.5 | 15.0 | 11.6 | 10.0 | 13.8 | 14.0 |
| 2 | 5.3 | 2.4 | 22.0 | 9.0 | 11.5 | 8.5 | 8.5 | 12.6 | 12.7 |
| 3 | 4.4 | 2.2 | 19.0 | 7.1 | 9.6 | 6.0 | 6.2 | 11.0 | 10.0 |
| 4 | 4.2 | 1.6 | 15.0 | 6.6 | 9.0 | 5.6 | 5.8 | 8.6 | 9.3 |
| 5 | 3.3 | 1.4 | 7.0 | 5.3 | 7.4 | 4.5 | 4.8 | 8.5 | 8.1 |
| 6 | 3.2 | 1.3 | 4.0 | 4.8 | 6.3 | 3.7 | 4.1 | 7.0 | 7.0 |
| 7 | 3.0 | 1.2 | 4.0 | 4.6 | 6.0 | 2.9 | 3.5 | 5.6 | 5.6 |
| 8 | 2.7 | 1.1 | 4.0 | 4.1 | 5.7 | 2.6 | 3.4 | 4.6 | 4.9 |
| 9 | 2.3 | 1.0 | 4.0 | 4.0 | 5.0 | 2.5 | 3.0 | 4.3 | 4.3 |

Percent of employees expected to terminate each year after the first 10 years of employment. These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Sample rates are as follows:

| | | | | General | | Public Schools | | University | |
|-----|---------------------------------|--------------------------------|---------------------|---------|--------|----------------|--------|------------|--------|
| Age | Protective with Social Security | Protective w/o Social Security | Executive & Elected | Male | Female | Male | Female | Male | Female |
| 25 | 2.1% | 0.7% | 3.8% | 3.2% | 4.9% | 2.0% | 2.2% | 3.9% | 4.0% |
| 30 | 2.1 | 0.7 | 3.8 | 3.2 | 4.9 | 2.0 | 2.2 | 3.9 | 4.0 |
| 35 | 1.8 | 0.6 | 3.5 | 2.8 | 4.1 | 1.6 | 1.9 | 3.5 | 4.0 |
| 40 | 1.5 | 0.6 | 3.1 | 2.4 | 3.2 | 1.4 | 1.6 | 3.1 | 3.7 |
| 45 | 1.4 | 0.5 | 2.9 | 2.0 | 2.9 | 1.4 | 1.4 | 2.6 | 3.2 |
| 50 | 1.3 | 0.5 | 2.7 | 1.7 | 2.5 | 1.3 | 1.2 | 2.2 | 2.7 |
| 54+ | 1.3 | 0.5 | 2.7 | 1.6 | 2.2 | 1.3 | 1.2 | 2.0 | 2.5 |

Normal Retirement:

Percent of employees expected to retire each year. These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System. Sample rates are as follows:

| | | | | General | | Public S | Schools | University | |
|-----|---------------------------------------|--------------------------------------|---------------------|---------|--------|----------|---------|------------|--------|
| Age | Protective with Social Security | Protective w/o Social Security | Executive & Elected | Male | Female | Male | Female | Male | Female |
| 50 | 6.0% | 3.0% | | | | | | | |
| 51 | 8.0 | 4.0 | | | | | | | |
| 52 | 11.0 | 5.0 | | | | | | | |
| 53 | 34.0 | 20.0 | | | | | | | |
| 54 | 32.0 | 28.0 | | | | | | | |
| 55 | 26.0 | 30.0 | | | | | | | |
| 56 | 23.0 | 32.0 | | | | | | | |
| 57 | 27.0 | 26.0 | 10.0% | 20.0% | 17.0% | 32.0% | 28.0% | 12.0% | 10.0% |
| 58 | 21.0 | 30.0 | 10.0 | 20.0 | 18.0 | 30.0 | 28.0 | 16.0 | 20.0 |
| 59 | 23.0 | 40.0 | 10.0 | 20.0 | 15.0 | 29.0 | 26.0 | 9.0 | 12.0 |
| 60 | 22.0 | 30.0 | 10.0 | 20.0 | 20.0 | 29.0 | 29.0 | 15.0 | 14.0 |
| 61 | 30.0 | 33.0 | 10.0 | 20.0 | 18.0 | 28.0 | 27.0 | 9.0 | 13.0 |
| 62 | 35.0 | 33.0 | 10.0 | 30.0 | 24.0 | 38.0 | 36.0 | 10.0 | 15.0 |
| 63 | 27.0 | 33.0 | 10.0 | 30.0 | 29.0 | 34.0 | 31.0 | 11.0 | 19.0 |
| 64 | 30.0 | 40.0 | 15.0 | 30.0 | 24.0 | 30.0 | 30.0 | 16.0 | 17.0 |
| 65 | 34.0 | 40.0 | 15.0 | 30.0 | 36.0 | 34.0 | 39.0 | 16.0 | 21.0 |
| 66 | 35.0 | 100.0 | 15.0 | 40.0 | 39.0 | 36.0 | 44.0 | 21.0 | 25.0 |
| 67 | 35.0 | 100.0 | 15.0 | 32.0 | 35.0 | 30.0 | 31.0 | 18.0 | 25.0 |
| 68 | 35.0 | 100.0 | 10.0 | 32.0 | 30.0 | 29.0 | 30.0 | 19.0 | 18.0 |
| 69 | 35.0 | 100.0 | 10.0 | 28.0 | 23.0 | 22.0 | 30.0 | 14.0 | 17.0 |
| 70 | 100.0 | 100.0 | 10.0 | 28.0 | 24.0 | 29.0 | 32.0 | 21.0 | 22.0 |
| 71 | 100.0 | 100.0 | 10.0 | 28.0 | 29.0 | 23.0 | 25.0 | 24.0 | 17.0 |
| 72 | 100.0 | 100.0 | 10.0 | 28.0 | 28.0 | 23.0 | 25.0 | 24.0 | 17.0 |
| 73 | 100.0 | 100.0 | 20.0 | 18.0 | 28.0 | 24.0 | 25.0 | 24.0 | 21.0 |
| 74 | 100.0 | 100.0 | 20.0 | 18.0 | 16.0 | 25.0 | 25.0 | 24.0 | 14.0 |
| 75 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

WRS Pension Benefit Normal Retirement Eligibility:

| , | blic School, iversity | ol, Protective Executive & Elected* | | | | |
|-----|--------------------------|-------------------------------------|---------|-----|---------|--|
| Age | Service | Age | Service | Age | Service | |
| 65 | Any* | 54 | Any* | 62 | Any* | |
| 57 | 30 | 53 | 25 | 57 | 30 | |

^{*} Participants first employed after 1989 and terminated before April 24, 1998 must have creditable service in five calendar years.

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Page 26

[#] These conditions apply to those people hired on or before December 31, 2016. For others, the General eligibility conditions apply.

Reduced Retirement:

These rates are the assumptions adopted by the Employee Trust Funds Board in connection with a study of experience during 2021-2023 for the Wisconsin Retirement System.

| | | General | | Public S | Schools | University | | |
|-----|---------------------|---------|--------|----------|---------|------------|--------|--|
| Age | Executive & Elected | Male | Female | Male | Female | Male | Female | |
| 55 | 3.0% | 7.0% | 7.0% | 12.0% | 11.0% | 3.0% | 5.0% | |
| 56 | 3.0 | 6.0 | 7.0 | 13.0 | 13.0 | 3.0 | 5.0 | |
| 57 | 3.0 | 5.0 | 6.0 | 13.0 | 12.0 | 4.0 | 5.0 | |
| 58 | 3.0 | 6.0 | 7.0 | 12.0 | 13.0 | 4.0 | 6.0 | |
| 59 | 3.0 | 6.0 | 7.0 | 14.0 | 14.0 | 4.0 | 6.0 | |
| 60 | 5.0 | 9.0 | 10.0 | 16.0 | 17.0 | 5.0 | 8.0 | |
| 61 | 5.0 | 8.0 | 10.0 | 16.0 | 17.0 | 5.0 | 9.0 | |
| 62 | 1.0 | 19.0 | 16.0 | 23.0 | 24.0 | 7.0 | 11.0 | |
| 63 | 1.0 | 20.0 | 18.0 | 21.0 | 24.0 | 8.0 | 12.0 | |
| 64 | 1.0 | 18.0 | 18.0 | 21.0 | 24.0 | 12.0 | 15.0 | |

Any participant who has attained age 55 and any Protective occupation participant who has attained age 50 may apply for a reduced pension retirement benefit.

Expenses:

Benefit payment expense: 2.1% of benefits paid after age 65

Administrative expense: \$1,580,000. This is equal to the average of the actual administrative expenses paid in the prior two years. For depletion date projection purposes, we assume that this figure will increase with price inflation.

Missing Data Assumptions:

The following assumptions were used for any missing data.

- 1. Gender 50% male; 50% female
- 2. Employment code 100% General

Changes Since Prior Valuation:

The discount rate has changed from 3.32% to 4.09%. An increase in the discount rate decreases the liabilities.

The administrative expense assumption was updated from \$1,530,000 to \$1,580,000 as part of the annual review of administrative expenses. This change had no impact on the determination of the discount rate because assets were projected to deplete in the same future date under either assumption.

The salary, disability, withdrawal, and retirement assumptions were updated based on the most recent experience study, which increased the liability.

Rationale for Significant Assumptions:

With any valuation of future benefits, assumptions of anticipated future events are required. If actual events differ from the assumptions made, the actual cost of the plan will vary as well. The following assumptions should be reviewed for appropriateness.

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Milliman Financial Reporting Valuation

Discount Rate: We have discounted future benefit payments back to the present using

an interest rate of 4.09%. This rate is the single equivalent rate that results in the same actuarial present value as the long-term expected rate of

return while funded and the municipal bond rate while unfunded.

Trend Rate: We have assumed no future increases in life insurance premium rates.

There have been no premium rate increases since the inception of the

plan.

Expected Return on Plan

Assets:

The expected return on plan assets, 4.25%, has been selected by the plan sponsor to reflect the plan's investment policy, including target asset

allocations, and capital market expectations.

Demographic Assumptions: All demographic assumptions are based upon assumptions adopted by

the Employee Trust Funds Board in connection with a study of experience

during 2021-2023 for the Wisconsin Retirement System.

Based on recent history of the plan. Expenses:

> For the post-65 portion of the plan, employer contributions to premium deposit fund are not treated as premiums; therefore, no state premium tax is applied. However, when benefits are paid from the premium deposit fund, they are cleared as premiums, and the state premium tax is applied. Furthermore, other administrative expenses including state premium taxes are also cleared as premiums and subject to state premium tax.

> The Department of Employee Trust Funds classifies the state premium tax for the post-65 portion of the plan as a benefit payment expense and all other expenses as administrative expenses. The expense assumptions

used in this report follow this classification.

Summary of Plan Provisions

This summary of plan provisions is intended only to describe the essential features of the plan used in the actuarial valuation. All eligibility requirements and benefit amounts shall be determined in strict accordance with the plan document itself.

Enrollment Eligibility:

Generally, members may enroll during a 30-day enrollment period. They may enroll after the initial 30-day enrollment period with evidence of insurability. Members under evidence of insurability enrollment must enroll in group life insurance coverage before age 55 to be eligible for Basic or Supplemental coverage.

Retirement Eligibility:

At retirement, the member must satisfy one of the following -

- WRS coverage prior to January 1, 1990, or
- at least one month of group life insurance coverage in each of 5 calendar years after 1989

and one of the following -

- · eligible for an immediate WRS benefit, or
- at least 20 years from their WRS creditable service as of 1/1/1990 plus their years of group life insurance coverage after 1989, or
- at least 20 years on the payroll of their last employer.

In addition, terminating members and retirees must continue to pay Employee Premiums until age 65 (age 70 if active).

Basic Coverage Benefits:

After retirement, Basic coverage is continued for life in these amounts of the insurance in force before retirement (one times WRS earnings):

| <u>Age</u> | Percent of Basic Coverage Continuing |
|--------------------|--------------------------------------|
| Before age 65 | 100% |
| While age 65 | 75 |
| While age 66 | 50 |
| While 67 and later | 25* |
| | |

^{*} Local employers may elect to increase this to 50%

Supplemental Coverage Benefits:

After retirement, Supplemental coverage may be continued until age 65 at 100% of the amount of the insurance in force before retirement at the employee's expense (this benefit is not included in the valuation as it is entirely employee paid).

entirely employee paid).

Additional Coverage: After retirement, Additional coverage may be continued until age 65 at

100% of the amount of the insurance in force before retirement at the employee's expense (this benefit is not included in the valuation as it is

entirely employee paid).

Spouse & Dependent

Coverage:

After retirement, the coverage is terminated and not included in the

Postretirement Life Insurance Plan.

Employee Premiums: The employee must pay these monthly premiums per \$1,000 of insurance

until age 65 (age 70 if active):

| Attained Age | Basic | Supplemental |
|--------------|--------|--------------|
| Under 30 | \$0.05 | \$0.05 |
| 30-34 | 0.06 | 0.06 |
| 35-39 | 0.07 | 0.07 |
| 40-44 | 0.08 | 0.08 |
| 45-49 | 0.12 | 0.12 |
| 50-54 | 0.22 | 0.22 |
| 55-59 | 0.39 | 0.39 |
| 60-64 | 0.49 | 0.49 |
| 65-69 | 0.57 | 0.57 |

Disabled members under age 70 receive a waiver-of-premium benefit.

Employer Premiums:

The employer must pay these premiums while actively employed:

- 40% of Employee Premiums if 50% post-66 retiree Basic coverage
- 20% of Employee Premiums if 25% post-66 retiree Basic coverage

100% of Employer Premiums are paid to fund retiree coverage.

No Employer contribution required for Supplemental Coverage.

Summary of Participant Data

The participant data used in the valuation was provided by Securian and the State of Wisconsin. While the participant data was checked for reasonableness, the data was not audited, and the valuation results presented in this report are dependent upon the accuracy of the participant data provided. The table below presents a summary of the basic participant information for the active and inactive participants covered under the terms of the Plan.

| | 2024 | 2023 | 2022 | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 | 2015 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|------|------|
| A. Active Participants | | | | | | | | | | |
| Count | 73,840 | 73,670 | 74,187 | 74,407 | 75,143 | 74,557 | 74,481 | 74,447 | N/A | N/A |
| Average Age | 44.3 | 44.5 | 44.6 | 44.9 | 45.0 | 45.1 | 45.2 | 45.4 | N/A | N/A |
| Average Service | 9.3 | 9.6 | 9.9 | 10.1 | 10.1 | 10.3 | 10.3 | 10.5 | N/A | N/A |
| Average Projected Salary | \$66,023 | \$63,974 | \$62,751 | \$60,971 | \$59,271 | \$58,130 | \$57,161 | \$56,488 | N/A | N/A |
| B. Disabled Participants | | | | | | | | | | |
| Count | 875 | 941 | 992 | 1,084 | 1,162 | 1,205 | 1,238 | 1,234 | N/A | N/A |
| Average Age | 57.7 | 57.4 | 57.6 | 57.9 | 57.8 | 57.6 | 57.4 | 57.3 | N/A | N/A |
| Average Current Insurance | \$54,298 | \$52,675 | \$51,204 | \$50,317 | \$48,784 | \$47,680 | \$46,842 | \$46,307 | N/A | N/A |
| C. Pre-65 Annuitants | | | | | | | | | | |
| Count | 9,725 | 9,898 | 9,848 | 9,807 | 9,918 | 10,076 | 10,195 | 10,571 | N/A | N/A |
| Average Age | 60.9 | 60.5 | 60.5 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | N/A | N/A |
| Average Current Insurance | \$72,632 | \$70,335 | \$68,781 | \$67,052 | \$65,883 | \$64,538 | \$63,470 | \$62,285 | N/A | N/A |
| D. Post-64 Annuitants | | | | | | | | | | |
| Count | 41,831 | 40,768 | 39,631 | 38,376 | 37,032 | 35,522 | 34,068 | 31,924 | N/A | N/A |
| Average Age | 75.3 | 74.6 | 74.4 | 74.8 | 74.7 | 74.5 | 74.4 | 74.3 | N/A | N/A |
| Average Current Insurance | \$14,399 | \$14,088 | \$13,772 | \$13,443 | \$13,103 | \$12,774 | \$12,455 | \$14,787 | N/A | N/A |

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Summary of Demographic Information

| | Active Members as of January 1, 2024 | | | | | | | | | | | |
|------------|--------------------------------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|--|
| | Years of Service | | | | | | | | | | | |
| <u>Age</u> | <u><1</u> | <u>1-4</u> | <u>5-9</u> | <u>10-14</u> | <u>15-19</u> | <u>20-24</u> | <u>25-29</u> | <u>30-34</u> | <u>35-39</u> | <u>40+</u> | <u>ALL</u> | |
| <25 | 1,413 | 1,378 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,802 | |
| 25-29 | 1,402 | 4,297 | 862 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6,562 | |
| 30-34 | 1,242 | 3,718 | 3,156 | 287 | 1 | 0 | 0 | 0 | 0 | 0 | 8,404 | |
| 35-39 | 1,122 | 3,415 | 2,876 | 1,821 | 367 | 4 | 0 | 0 | 0 | 0 | 9,605 | |
| 40-44 | 1,007 | 3,063 | 2,665 | 1,560 | 1,854 | 394 | 5 | 0 | 0 | 0 | 10,548 | |
| 45-49 | 865 | 2,317 | 2,254 | 1,223 | 1,501 | 1,982 | 276 | 4 | 0 | 0 | 10,422 | |
| 50-54 | 656 | 1,966 | 1,960 | 1,202 | 1,334 | 1,751 | 1,543 | 228 | 1 | 0 | 10,641 | |
| 55-59 | 464 | 1,465 | 1,535 | 1,021 | 1,104 | 1,227 | 954 | 638 | 99 | 2 | 8,509 | |
| 60-64 | 205 | 791 | 926 | 637 | 721 | 781 | 503 | 364 | 165 | 46 | 5,139 | |
| 65-69 | 68 | 193 | 245 | 143 | 154 | 158 | 125 | 76 | 25 | 21 | 1,208 | |
| 70+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ALL | 8,444 | 22,603 | 16,490 | 7,895 | 7,036 | 6,297 | 3,406 | 1,310 | 290 | 69 | 73,840 | |

| Projected Salary | | | | | | | | | | | |
|------------------|--------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|
| Years of Service | | | | | | | | | | | |
| <u>Age</u> | <u><1</u> | <u>1-4</u> | <u>5-9</u> | <u>10-14</u> | <u>15-19</u> | <u>20-24</u> | <u>25-29</u> | <u>30-34</u> | <u>35-39</u> | <u>40+</u> | <u>ALL</u> |
| <25 | 49,363 | 51,085 | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50,187 |
| 25-29 | 54,025 | 56,404 | 67,734 | * | 0 | 0 | 0 | 0 | 0 | 0 | 57,387 |
| 30-34 | 56,458 | 58,600 | 68,757 | 76,152 | * | 0 | 0 | 0 | 0 | 0 | 62,695 |
| 35-39 | 57,054 | 58,800 | 67,832 | 75,159 | 82,984 | * | 0 | 0 | 0 | 0 | 65,328 |
| 40-44 | 58,292 | 59,398 | 68,037 | 75,389 | 80,919 | 81,722 | * | 0 | 0 | 0 | 68,459 |
| 45-49 | 60,509 | 60,107 | 67,586 | 74,749 | 81,852 | 84,074 | 86,485 | * | 0 | 0 | 71,860 |
| 50-54 | 60,012 | 60,595 | 67,110 | 72,388 | 78,041 | 82,336 | 85,071 | 79,718 | * | 0 | 72,815 |
| 55-59 | 53,057 | 57,425 | 63,129 | 65,462 | 69,939 | 73,439 | 77,887 | 79,418 | 69,789 | * | 67,200 |
| 60-64 | 48,810 | 53,109 | 59,210 | 61,541 | 62,788 | 65,451 | 67,137 | 71,249 | 71,646 | 66,057 | 61,685 |
| 65-69 | 38,646 | 45,119 | 51,762 | 57,612 | 64,519 | 61,763 | 64,926 | 73,471 | 65,037 | 77,962 | 57,047 |
| 70+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALL | 55,340 | 57,807 | 66,741 | 72,085 | 76,734 | 78,488 | 79,756 | 76,763 | 70,405 | 69,396 | 66,023 |

^{*} Compensation shown for groups of 20 or more.

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)

Glossary

Actuarially Determined Contribution

A target or recommended contribution to a defined benefit OPEB plan for the reporting period, determined based on the funding policy and most recent measurement available when the contribution for the reporting period was adopted.

Deferred Inflows/Outflows of Resources

Portion of changes in net OPEB liability that is not immediately recognized in OPEB Expense. These changes include differences between expected and actual experience, changes in assumptions, and differences between expected and actual earnings on plan investments.

Discount Rate

Single rate of return that, when applied to all projected benefit payments, results in an actuarial present value of projected benefit payments equal to the sum of:

- The actuarial present value of benefit payments projected to be made in future periods where the plan assets are projected to be sufficient to meet benefit payments, calculated using the Long-Term Expected Rate of Return.
- 2. The actuarial present value of projected benefit payments not included in (1), calculated using the Municipal Bond Rate.

Fiduciary Net Position

Equal to market value of assets.

Long-Term Expected Rate of Return

Long-term expected rate of return on plan investments expected to be used to finance the payment of benefits, net of investment expenses.

Money-Weighted Rate of Return

The internal rate of return on plan investments, net of investment expenses.

Municipal Bond Rate

Yield or index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher.

Net OPEB Liability

Total OPEB Liability minus the Plan's Fiduciary Net Position.

Projected Benefit Payments

All benefits estimated to be payable through the OPEB plan to current active and inactive employees as a result of their past service and expected future service.

Service Cost

The portion of the actuarial present value of projected benefit payments that is attributed to a valuation year.

Total OPEB Liability

The portion of actuarial present value of projected benefit payments that is attributable to past periods of member service using the Entry Age Normal cost method based on the requirements of GASB 74 and 75.

GASB 74 and 75 Disclosure for Fiscal Year Ending December 31, 2024 State of Wisconsin Postretirement Life Insurance Plan (Local)