

Sacramento County Employees' Retirement System (SCERS)

Governmental Accounting Standards Board Statement No. 68 (GASBS 68) Accounting Valuation

Based on June 30, 2023 Measurement Date for
Employer Reporting as of June 30, 2024



This report has been prepared at the request of the Board of Retirement to assist the sponsors of the Fund in preparing their financial report for their liabilities associated with the SCERS pension plan. This valuation report may not otherwise be copied or reproduced in any form without the consent of the Board of Retirement and may only be provided to other parties in its entirety, unless expressly authorized by Segal. The measurements shown in this actuarial valuation may not be applicable for other purposes.

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Segal



180 Howard Street, Suite 1100
San Francisco, CA 94105-6147
segalco.com
T 415.263.8200

March 27, 2024

Board of Retirement
Sacramento County Employees' Retirement System
980 9th Street, Suite 1900
Sacramento, CA 95814

Dear Board Members:

We are pleased to submit this Governmental Accounting Standards Board Statement 68 (GASBS 68) Actuarial Valuation based on a June 30, 2023 measurement date for employer reporting as of June 30, 2024. It contains various information that will need to be disclosed in order for SCERS employers to comply with GASBS 68.

This report was prepared in accordance with generally accepted actuarial principles and practices at the request of the Board to assist the sponsors in preparing their financial report for their liabilities associated with the SCERS pension plan. The census and financial information on which our calculations were based was provided by the Retirement System. That assistance is gratefully acknowledged.

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; changes in economic or demographic assumptions; and changes in plan provisions or applicable law.

The actuarial calculations were completed under the supervision of Andy Yeung, ASA, MAAA, Enrolled Actuary. 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 the actuarial valuation is complete and accurate. Further, in our opinion, the assumptions as approved by the Board are reasonably related to the experience of and expectations for the Plan. 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.

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 with you and to answering any questions.

Sincerely,


Segal



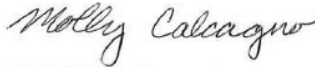
Paul Angelo, FSA, MAAA, FCA, EA
Senior Vice President and Actuary



Todd Tauzer, FSA, MAAA, FCA, CERA
Senior Vice President and Actuary



Andy Yeung, ASA, MAAA, FCA, EA
Vice President and Actuary



Molly Calcagno, ASA, MAAA, EA
Senior Actuary

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Section 1: Actuarial Valuation Summary

Purpose and basis

This report has been prepared by Segal to present certain disclosure information required by Governmental Accounting Standards Board Statement 68 (GASBS 68) for employer reporting as of June 30, 2024. The results used in preparing this GASBS 68 report are comparable to those used in preparing the Governmental Accounting Standards Board Statement 67 (GASBS 67) report for the plan based on a reporting date and a measurement date as of June 30, 2023. This report is based on financial information as of June 30, 2023 and the Actuarial Valuation and Review as of June 30, 2023, which reflects:

- The benefit provisions of SCERS, as administered by the Board;
- The characteristics of covered active members, terminated vested members, and retired members and beneficiaries as of June 30, 2023, provided by SCERS;
- The assets of the Plan as of June 30, 2023, provided by SCERS;
- Economic assumptions regarding future salary increases and investment earnings adopted by the Board for the June 30, 2023 valuation; and
- Other actuarial assumptions, regarding employee terminations, retirement, death, etc. adopted by the Board for the June 30, 2023 valuation.

General observations on GASBS 68 actuarial valuation

1. It is important to note that Governmental Accounting Standards Board (GASB) rules only define pension liability and expense for financial reporting purposes, and do not apply to contribution amounts for pension funding purposes. Employers and plans should develop and adopt funding policies under current practices.
2. When measuring pension liability, GASB uses the same actuarial cost method (Entry Age method) and the same type of discount rate (expected return on assets) as SCERS uses for funding. This means that the Total Pension Liability (TPL) measure for financial reporting shown in this report is determined on the same basis as SCERS' Actuarial Accrued Liability (AAL) measure for funding. We note that the same is generally true for the Normal Cost component of the annual plan cost for funding and financial reporting.
3. The Net Pension Liability (NPL) is equal to the difference between the TPL and the Plan Fiduciary Net Position. The Plan Fiduciary Net Position is equal to the market value of assets and therefore, the NPL measure is very similar to an Unfunded

Section 1: Actuarial Valuation Summary

Actuarial Accrued Liability (UAAL) calculated on a market value basis. The NPL reflects all investment gains and losses as of the measurement date. This is different from the UAAL on an actuarial value of assets basis in the funding valuation that reflects investment gains and losses over seven-year periods.

Highlights of the valuation

1. For this report, the reporting dates for the employer are June 30, 2024 and June 30, 2023. The NPL was measured as of June 30, 2023 and June 30, 2022 and determined based upon the results of the actuarial valuations as of June 30, 2023 and June 30, 2022, respectively.

The Plan Fiduciary Net Position was valued as of the measurement dates. Consistent with the provisions of GASBS 68, the assets and liabilities measured as of June 30, 2023 and June 30, 2022 are not adjusted or rolled forward to the June 30, 2024 and June 30, 2023 reporting dates, respectively.

2. The NPL increased from \$1,748.6 million as of June 30, 2022 to \$1,995.6 million as of June 30, 2023 primarily as a result of unfavorable investment return (about \$92 million less than expected¹). Changes in these values during the last two fiscal years ending June 30, 2022 and June 30, 2023 can be found in *Section 2, Schedule of changes in Net Pension Liability* on page 20.
3. The pension expense increased from \$123.8 million as of June 30, 2022 to \$317.5 million as of June 30, 2023. In addition to the unfavorable actual investment return during 2022/2023 (resulting in recognition of 1/5 of about \$90.8 million in less than expected investment return), there was unfavorable non-investment experience that was primarily due to individual salary increases greater than expected for actives and greater than expected COLA increases for retirees and beneficiaries, that was offset by some degree due to the reduction in the retiree and beneficiary benefits reported in this year's valuation under the Alameda Decision, resulting in recognition of about \$279.7 million over 4.76 years due to the difference between expected and actual experience. Furthermore, some of the prior years' offset to pension expense from favorable investment experience was fully amortized.
4. The discount rate used to determine the TPL and NPL as of June 30, 2023 and 2022 was 6.75%, following the same assumptions used by SCERS in the funding valuations as of the same dates. Details on the derivation of the discount rate can be found in *Section 3, Appendix A*. Various other information that is required to be disclosed can be found throughout *Section 2*.
5. The Plan Fiduciary Net Position as of June 30, 2023 includes \$11.7 million that is available to offset a portion of the legacy members' future COLA contribution rates. Since the \$11.7 million can only be used in the future to reduce contribution rates for the legacy employees, we have included a liability of the same amount so that the employer's net NPL is unchanged by the availability of this amount.

¹ Equal to about \$120 million investment loss net of investment expenses but gross of about \$28 million in administrative expenses.

Section 1: Actuarial Valuation Summary

6. The Safety membership class has only one active employer (the County of Sacramento) that was making contributions in 2021/2022 and 2022/2023, so all of the NPLs for Safety as of both June 30, 2022 and June 30, 2023 are allocated to the County of Sacramento.

For Miscellaneous employers, the NPLs as of June 30, 2022 and June 30, 2023 are allocated based on the actual employer contributions within the Miscellaneous membership class made during 2021/2022 and 2022/2023, respectively. The steps we used are as follows:

- a. First calculate ratio of employer's contributions to the total contributions for the membership class.
- b. This ratio is multiplied by the NPL for the membership class to determine the employer's proportionate share of the NPL for the membership class.

The NPL allocation can be found in *Section 2, Determination of proportionate share* on page 25.

7. On July 30, 2020, the California Supreme Court issued a decision in the case of Alameda County Deputy Sheriffs' Association et al. v. Alameda County Employees' Retirement Association (ACERA) and Board of Retirement of ACERA. That decision affected the benefits paid by SCERS to its members and/or the contributions received by SCERS from its members. In particular, the June 30, 2023 valuation reflected refunding member contributions to active and deferred vested members associated with the excluded premium pays under the Alameda Decision, and reduced retiree and beneficiary benefits as the result of reduced final average salary calculations caused by the excluded premium pays. However, when preparing the financial and membership data provided for the June 30, 2023 valuation, SCERS had not finished refunding member contributions and reducing retiree and beneficiary benefits.

We have reflected the contribution refunds and reduced retiree and beneficiary benefits noted above as part of experience gains and losses rather than as a plan amendment. We have estimated that the reduction in the TPL for the retirees and beneficiaries reported for this year's valuation to be about \$14 million as of June 30, 2023.

8. It is important to note that this actuarial valuation is based on plan assets as of June 30, 2023. The Plan's funded status does not reflect short-term fluctuations of the market, but rather is based on the market values on the last day of the Plan Year. Moreover, this actuarial valuation is based on Plan data as of June 30, 2023 and it does not include any possible short-term or long-term impacts on mortality of the covered population that may emerge after June 30, 2023 due to COVID-19. Segal is available to prepare projections of potential outcomes of market conditions and other demographic experience upon request.

Section 1: Actuarial Valuation Summary

Summary of key valuation results

Reporting Date for Employer under GASBS 68		June 30, 2024 ¹	June 30, 2023 ²
Measurement Date for Employer under GASBS 68		June 30, 2023	June 30, 2022
Disclosure elements for plan year ending June 30:	• Service Cost ³	\$270,739,734	\$264,372,132
	• Total Pension Liability	14,358,854,000	13,578,984,000
	• Plan Fiduciary Net Position	12,363,258,000	11,830,351,000
	• Net Pension Liability	1,995,596,000	1,748,633,000
	• Pension expense	317,470,835	123,751,555
Schedule of contributions⁴ for plan year ending June 30:	• Actuarially determined contributions	\$360,673,968	\$323,609,923
	• Actual contributions	360,673,968	323,609,923
	• Contribution deficiency / (excess)	0	0
Demographic data for plan year ending June 30:	• Number of retired members and beneficiaries	13,934	13,635
	• Number of vested terminated members ⁵	4,702	4,423
	• Number of active members	13,167	12,757
Key assumptions as of June 30:	• Investment rate of return	6.75%	6.75%
	• Inflation rate	2.50%	2.75%
	• Real across-the-board salary increase	0.25%	0.25%
	• Projected salary increases ⁶	4.25% - 9.75%	4.25% - 10.50%
	• Cost of living adjustments	2.75% for Miscellaneous and Safety Tier 1, 0% for Miscellaneous Tier 2, 2.00% for all other Tiers	2.75% for Miscellaneous and Safety Tier 1, 0% for Miscellaneous Tier 2, 2.00% for all other Tiers

¹ The reporting date and measurement date for the plan are June 30, 2023.

² The reporting date and measurement date for the plan are June 30, 2022.

³ The Service Cost is based on the previous year's valuation, meaning the June 30, 2023 and June 30, 2022 measurement values are based on the valuations as of June 30, 2022 and June 30, 2021, respectively. Both service costs have been calculated using the assumptions shown in the June 30, 2022 column, as there had been no changes in the actuarial assumptions between the June 30, 2021 and June 30, 2022 valuations.

⁴ These amounts exclude \$10,573,829 and \$(17,274,684) in receivable contributions due from Sacramento Metropolitan Fire (SMF) in the 2023 and 2022 valuations, respectively. (They represent the change in the withdrawal liability for SMF as a result of our annual update.)

⁵ Includes terminated members with member contributions on deposit.

⁶ Includes inflation at 2.50% plus real across the board salary increases of 0.25% plus merit and promotional increases that vary by service as of June 30, 2023. Includes inflation at 2.75% plus real across the board salary increases of 0.25% plus merit and promotional increases that vary by service as of June 30, 2022.

Section 1: Actuarial Valuation Summary

Important information about actuarial valuations

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

Plan of benefits	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 data	An actuarial valuation for a plan is based on data provided to the actuary by SCERS. 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.
Assets	This valuation is based on the market value of assets as of the valuation date, as provided by SCERS.
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.
Models	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. 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 1: Actuarial Valuation Summary

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

The valuation is prepared at the request of the Board to assist SCERS in preparing items related to the pension plan in their financial reports. 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, except where otherwise noted, Segal did not perform an analysis of the potential range of future financial measures. 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.

Actuarial results in this report are not rounded, but that does not imply precision.

If SCERS 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's 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 System upon delivery and review. The System 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 SCERS, it is not a fiduciary in its capacity as actuaries and consultants with respect to SCERS.

Section 2: GASBS 68 Information

General information about the pension plan

Plan Description

Plan administration. The Sacramento County Employees' Retirement System (SCERS) was established by the County of Sacramento in 1941. SCERS is administered by the Board of Retirement and governed by the County Employees' Retirement Law of 1937 (California Government Code Section 31450 et. seq). SCERS is a cost-sharing multiple employer public employee retirement system whose main function is to provide service retirement, disability, death and survivor benefits to the Safety and Miscellaneous members employed by the County of Sacramento. SCERS also provides retirement benefits to the employee members of the Superior Court of California (County of Sacramento) and nine Special Districts.

The management of SCERS is vested with the Sacramento County Board of Retirement. The Board consists of nine members and two alternates. Four members are appointed by the Board of Supervisors, two members are elected by the Miscellaneous membership, one member and one alternate are elected by the Safety membership, one member and one alternate are elected by the retired members of the System; and the County Director of Finance serves as ex officio member. All members of the Board of Retirement serve terms of three years except for the County Director of Finance whose term runs concurrent with his term as Director of Finance.

Plan membership. At June 30, 2023, pension plan membership consisted of the following:

Retired members or beneficiaries currently receiving benefits	13,934
Vested terminated members entitled to but not yet receiving benefits	4,702
Active members	<u>13,167</u>
Total	31,803

Benefits provided. SCERS provides service retirement, disability, death and survivor benefits to eligible employees. All permanent full-time or part-time employees of the County of Sacramento or contracting district become members of SCERS upon employment. There are separate retirement plans for Safety and Miscellaneous members. Safety membership is extended to those involved in active law enforcement, fire suppression, and certain other classifications. There are four tiers applicable to Safety members. Those entering prior to June 25, 1995 are Tier 1 members. Those entering on or after June 25, 1995 are Tier 2 members. County employees entering on or after January 1, 2012 but prior to January 1, 2013 are members of Tier 3. Any new Safety employee who becomes a member on or after January 1, 2013 is designated PEPRSA Safety (Tier 4) and is subject to the provisions of California

Section 2: GASBS 68 Information

Public Employees' Pension Reform Act of 2013 (PEPRA), California Government Code 7522 et seq. and Assembly Bill (AB) 197. All other employees are classified as Miscellaneous members. There are five tiers applicable to Miscellaneous members. Those entering prior to September 27, 1981 are Tier 1 members. Those hired on or after September 27, 1981 and June 27, 1993 are members of Tier 2 or Tier 3, respectively. County employees entering on or after January 1, 2012 but prior to January 1, 2013 are members of Tier 4. Any new Miscellaneous employee who becomes a member on or after January 1, 2013 is designated as PEPRA Miscellaneous (Tier 5) and are subject to the provisions of California Government Code 7522 et seq. and AB 197.

Safety members hired prior to January 1, 2013, are eligible to retire once they attain the age of 50 and have acquired 10 or more years of retirement service credit. A member with 20 years of service is eligible to retire regardless of age. Safety members who are first hired on or after January 1, 2013, are eligible to retire once they have attained the age of 50, and have acquired five years of retirement service credit.

Miscellaneous members hired prior to January 1, 2013, are eligible to retire once they attain the age of 50 and have acquired 10 or more years of retirement service credit. A member with 30 years of service is eligible to retire regardless of age. Miscellaneous members who are first hired on or after January 1, 2013, are eligible to retire once they have attained the age of 52, and have acquired five years of retirement service credit.

The retirement benefit the member will receive is based upon age at retirement, final average compensation, years of retirement service credit and retirement plan and tier.

Safety member benefits for Tier 1 and Tier 2 are calculated pursuant to the provisions of California Government Code Section 31664.1. Safety member benefits for Tier 3 are calculated pursuant to the provision of California Government Code Section 31664.2. The monthly allowance is equal to 2% of the first \$350 of final compensation, plus 3% of the excess final compensation times years of accrued retirement service credit times age factor from either Section 31664.1 (Tier 1 and 2) or 31664.2 (Tier 3). Safety member benefits for those who are first hired on or after January 1, 2013, are calculated pursuant to the provision of California Government Code Section 7522.25(d). The monthly allowance is equal to the final compensation multiplied by years of accrued retirement credit multiplied by the age factor from Section 7522.25(d).

Miscellaneous member benefits for Tier 1, Tier 2 and Tier 3 are calculated pursuant to the provisions of California Government Code Section 31676.14. Miscellaneous member benefits for Tier 4 are calculated pursuant to the provisions of California Government Code Section 31676.1. The monthly allowance is equal to 1/90th of the first \$350 of final compensation, plus 1/60th of the excess final compensation times years of accrued retirement service credit times age factor from either Section 31676.14 (Tier 1, Tier 2 and Tier 3) or Section 31676.1 (Tier 4). Miscellaneous member benefits for those who are first hired on or after January 1, 2013, are calculated pursuant to the provision of California Government Code Section 7522.20(a). The monthly allowance is equal to the final compensation multiplied by years of accrued retirement credit multiplied by the age factor from Section 7522.20(a).

Section 2: GASBS 68 Information

For members with membership dates before January 1, 2013, the maximum monthly retirement allowance is 100% of final compensation. There is no maximum for members with membership dates on or after January 1, 2013.

Final average compensation consists of the highest 12 consecutive months for a Tier 1 Safety or Tier 1 Miscellaneous member and the highest 36 consecutive months for a Tier 2, Tier 3, Tier 4 or Tier 5 member.

The member may elect an unmodified retirement allowance or choose an optional retirement allowance. The unmodified retirement allowance provides the highest monthly benefit and a 60% continuance to an eligible surviving spouse. An eligible surviving spouse is one married to the member one year prior to the effective retirement date. There are four optional retirement allowances the member may choose. Each of the optional retirement allowances requires a reduction in the unmodified retirement allowance in order to allow the member the ability to provide certain benefits to a surviving spouse or named beneficiary having an insurable interest in the life of the member.

SCERS provides an annual cost-of-living benefit to Safety Tier 1, Tier 2, Tier 3 and Tier 4 members and Miscellaneous Tier 1, Tier 3, Tier 4 and Tier 5 members. The cost-of-living adjustment, based upon the ratio of the past two Consumer Price Indices for the San Francisco-Oakland-Hayward area, is capped at 4.0% for Tier 1 members and 2% for all other members eligible for a cost-of-living adjustment.

The County of Sacramento and contracting districts contribute to the retirement plan based upon actuarially determined contribution rates adopted by the Board of Retirement. Employer contribution rates are adopted annually based upon recommendations received from SCERS' actuary after the completion of the annual actuarial valuation. The average employer contribution rate as of June 30, 2023 for 2022/2023 (based on the June 30, 2021 valuation) was 30.69% of compensation.

All members are required to make contributions to SCERS regardless of the retirement plan or tier in which they are included. The average member contribution rate as of June 30, 2023 for 2022/2023 (based on the June 30, 2021 valuation) was 11.87% of compensation.

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Net Pension Liability

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Components of the Net Pension Liability		
Total Pension Liability	\$14,358,854,000	\$13,578,984,000
Plan Fiduciary Net Position	(12,363,258,000)	(11,830,351,000)
Net Pension Liability	\$1,995,596,000	\$1,748,633,000
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	86.10%	87.12%

The Net Pension Liability (NPL) for the Plan was measured as of June 30, 2023 and June 30, 2022. The Plan's Fiduciary Net Position (plan assets) and Total Pension Liability (TPL) were valued as of the measurement date and are from actuarial valuations as of June 30, 2023 and June 30, 2022, respectively.

Plan Provisions. The plan provisions used in the measurement of the NPL are the same as those used in the SCERS actuarial valuations as of June 30, 2023 and 2022, respectively.

Actuarial assumptions and actuarial cost method. The TPLs as of June 30, 2023 and June 30, 2022 that were measured by actuarial valuations as of June 30, 2023 and June 30, 2022, respectively, used the same actuarial assumptions and actuarial cost method as the June 30, 2023 and June 30, 2022 funding valuations. The actuarial assumptions used in the June 30, 2023 valuation were based on the results of an experience study for the period from July 1, 2019 through June 30, 2022. In particular, the following actuarial assumptions were applied to all periods included in the June 30, 2023 measurement:

Investment rate of return:	6.75%, net of pension plan investment expense, including inflation.
Inflation rate:	2.50%
Real across-the-board salary increase:	0.25%
Projected salary increases:	4.25% to 9.75%, varying by service, including inflation and across-the-board salary increases.
Cost of living adjustments:	2.75% for Miscellaneous and Safety Tier 1, 0% for Miscellaneous Tier 2, 2.00% for all other Tiers.
Other assumptions:	See the analysis of actuarial experience study for the period July 1, 2019 through June 30, 2022.

Section 2: GASBS 68 Information

The actuarial assumptions used in the June 30, 2022 valuation were based on the results of an experience study for the period from July 1, 2016 through June 30, 2019. In particular, the following actuarial assumptions were applied to all periods included in the June 30, 2022 measurement:

Investment rate of return:	6.75%, net of pension plan investment expense, including inflation.
Inflation rate:	2.75%
Real across-the-board salary increase:	0.25%
Projected salary increases:	4.25% to 10.50%, varying by service, including inflation and across-the-board salary increases.
Cost of living adjustments:	2.75% for Miscellaneous and Safety Tier 1, 0% for Miscellaneous Tier 2, 2.00% for all other Tiers.
Other assumptions:	See the analysis of actuarial experience study for the period July 1, 2016 through June 30, 2019.

Section 2: GASBS 68 Information

Determination of discount rate and investment rates of return

The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected arithmetic real rates of return (expected returns, net of inflation and, beginning with June 30, 2023, any applicable investment management expenses) are developed for each major asset class. These returns are combined to produce the long-term expected arithmetic rate of return for the portfolio by weighting the expected arithmetic real rates of return by the target asset allocation percentage, adding expected inflation and subtracting expected investment expenses (beginning with June 30, 2023 including only investment consulting fees, custodian fees and other miscellaneous investment expenses) and a risk margin. Beginning with June 30, 2023 this portfolio return is also adjusted to an expected geometric real rate of return for the portfolio. The target allocation and projected arithmetic real rates of return for each major asset class (after deducting inflation) are shown in the following tables. For June 30, 2022 these rates are before deducting investment management expenses while for June 30, 2023 they are after deducting applicable investment management expenses. This information was used in the derivation of the long-term expected investment rate of return assumption in the June 30, 2023 and June 30, 2022 actuarial valuations. This information will change every three years based on the actuarial experience study.

June 30, 2023

Asset Class	Target Allocation	Long-Term Expected Arithmetic Real Rate of Return
Global Equity	40.00%	7.05%
Private Equity	11.00%	10.12%
Public Credit – High Yield	1.00%	4.63%
Public Credit – Leveraged Loan	1.00%	4.07%
Private Credit	5.00%	6.69%
Fixed Income – Core	12.00%	1.97%
Fixed Income – U.S. Treasury	4.00%	1.31%
Core Real Estate	6.00%	3.86%
Value Added Real Estate	1.50%	6.70%
Opportunistic Real Estate	1.50%	8.60%
Absolute Return	7.00%	3.00%
Real Assets	7.00%	7.30%
Liquid Real Return	2.00%	4.40%
Cash	1.00%	0.63%
Total	100.00%	5.92%

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June 30, 2022

Asset Class	Target Allocation	Long-Term Expected Arithmetic Real Rate of Return
U.S. Large Cap Equity	18.00%	5.42%
U.S. Small Cap Equity	2.00%	6.21%
International Developed Equity	16.00%	6.50%
Emerging Markets Equity	4.00%	8.80%
Core Plus Bonds	10.00%	1.13%
High Yield Bonds	1.00%	3.40%
Global Bonds	3.00%	(0.04%)
Bank Loans	1.00%	3.89%
U.S. Treasury	5.00%	0.30%
Real Estate	5.00%	4.57%
Cash	1.00%	(0.03%)
Liquid Real Return	2.00%	4.47%
Hedge Fund Growth	3.00%	2.40%
Hedge Fund Diversifying	7.00%	2.40%
Value Added Real Estate	2.00%	8.10%
Private Equity	9.00%	9.40%
Private Real Assets	7.00%	8.05%
Private Credit	4.00%	5.60%
Total	100.00%	5.04%

Discount rate. The discount rate used to measure the TPL was 6.75% as of June 30, 2023 and June 30, 2022, respectively. The projection of cash flows used to determine the discount rate assumed plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the actuarially determined contribution rates. For this purpose, only employer contributions that are intended to fund benefits for current plan members and their beneficiaries are included. Projected employer contributions that are intended to fund the service costs for future plan members and their beneficiaries, as well as projected contributions from future plan members, are not included. Based on those assumptions, the Plan Fiduciary Net Position was projected to be available to make all projected future benefit payments for current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the TPL as of both June 30, 2023 and June 30, 2022.

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Discount rate sensitivity

Sensitivity of the June 30, 2023 NPL to changes in the discount rate. The following presents the NPL of the SCERS as of June 30, 2023, which is allocated to all employers, calculated using the discount rate of 6.75%, as well as what the SCERS' NPL 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. The determination of the NPL by employer is shown later in *Section 2, Determination of proportionate share.*

	1% Decrease (5.75%)	Current Discount Rate (6.75%)	1% Increase (7.75%)
Carmichael Recreation and Park District	\$4,722,020	\$2,400,388	\$493,995
County of Sacramento	3,638,701,592	1,849,694,805	380,663,801
Elk Grove Cosumnes Cemetery District	940,525	478,106	98,393
Fair Oaks Cemetery District	533,288	271,091	55,790
Galt-Arno Cemetery District	213,314	108,436	22,316
Mission Oaks Recreation and Park District	4,576,578	2,326,454	478,780
Orangevale Recreation and Park District	2,840,969	1,444,176	297,209
Rio Linda Elverta Recreation and Park District	659,337	335,167	68,977
Sacramento Employment and Training Agency (SETA)	102,139,128	51,921,327	10,685,314
Sunrise Recreation and Park District	11,674,151	5,934,429	1,221,295
Superior Court of California, County of Sacramento	<u>158,716,098</u>	<u>80,681,621</u>	<u>16,604,130</u>
Total for all Employers	\$3,925,717,000	\$1,995,596,000	\$410,690,000

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Sensitivity of the June 30, 2022 NPL to changes in the discount rate. The following presents the NPL of the SCERS as of June 30, 2022, which is allocated to all employers, calculated using the discount rate of 6.75%, as well as what the SCERS' NPL 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. The determination of the NPL by employer is shown later in *Section 2, Determination of proportionate share.*

	1% Decrease (5.75%)	Current Discount Rate (6.75%)	1% Increase (7.75%)
Carmichael Recreation and Park District	\$4,243,419	\$2,061,923	\$276,140
County of Sacramento	3,352,000,028	1,628,772,918	218,130,922
Elk Grove Cosumnes Cemetery District	868,421	421,975	56,512
Fair Oaks Cemetery District	453,948	220,578	29,541
Galt-Arno Cemetery District	177,631	86,313	11,559
Mission Oaks Recreation and Park District	4,164,472	2,023,562	271,002
Orangevale Recreation and Park District	2,546,052	1,237,154	165,684
Rio Linda Elverta Recreation and Park District	611,843	297,301	39,816
Sacramento Employment and Training Agency (SETA)	89,772,997	43,621,666	5,841,965
Sunrise Recreation and Park District	8,901,313	4,325,244	579,252
Superior Court of California, County of Sacramento	<u>134,930,876</u>	<u>65,564,366</u>	<u>8,780,607</u>
Total for all Employers	\$3,598,671,000	\$1,748,633,000	\$234,183,000

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Schedule of changes in Net Pension Liability – Last two fiscal years

Reporting Date for Employer under GASBS 68 Measurement Date for Employer under GASBS 68	June 30, 2024 June 30, 2023	June 30, 2023 June 30, 2022
Total Pension Liability		
• Service Cost ¹	\$270,739,734	\$264,372,132
• Interest	912,500,116	873,480,721
• Change of benefit terms	0	0
• Differences between expected and actual experience	279,701,150 ²	74,494,147
• Changes of assumptions	(20,664,000)	0
• Benefit payments, including refunds of member contributions	(662,407,000)	(618,892,000)
• Other	0	0
Net change in Total Pension Liability	\$779,870,000	\$593,455,000
Total Pension Liability – beginning	<u>13,578,984,000</u>	<u>12,985,529,000</u>
Total Pension Liability – ending	<u>\$14,358,854,000</u>	<u>\$13,578,984,000</u>
Plan Fiduciary Net Position		
• Contributions – employer	\$360,674,000	\$323,610,000
• Contributions – employee	139,521,000	132,526,000
• Net investment income	710,907,000	(547,787,000)
• Benefit payments, including refunds of member contributions	(662,407,000)	(618,892,000)
• Administrative expense	(28,178,000) ³	(8,971,000)
• Other	12,390,000 ⁴	(14,284,000) ⁵
Net change in Plan Fiduciary Net Position	\$532,907,000	\$(733,798,000)
Plan Fiduciary Net Position – beginning	<u>11,830,351,000</u>	<u>12,564,149,000</u>
Plan Fiduciary Net Position – ending	<u>\$12,363,258,000</u>	<u>\$11,830,351,000</u>
Net Pension Liability – ending	\$1,995,596,000	\$1,748,633,000
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	86.10%	87.12%
Covered payroll⁶	\$1,175,393,299	\$1,078,235,461
Net Pension Liability as percentage of covered payroll	169.78%	162.18%

¹ The Service Cost is based on the previous year's valuation, meaning the 2023 and 2022 values are based on the valuations as of June 30, 2022 and June 30, 2021, respectively.

² We have reflected the reduction in the retiree and beneficiary benefits reported for this year's valuation under the Alameda Decision as experience gains and losses as discussed on page 7.

³ Includes a one-time impairment amount of \$17.1 million associated with termination of pension administration services provided by an outside vendor.

⁴ We have classified the \$1,775,000 interest contribution made by Sacramento Metropolitan Fire, a non-active employer, during 2022/2023 as well as the \$10,573,829 receivable contributions due from Sacramento Metropolitan Fire, in the "Other" category. We have also classified \$41,000 of miscellaneous income and federal tax credit in the "Other" category. This was done because the NPL for the active employers disclosed in this GASBS 68 actuarial valuation

Section 2: GASBS 68 Information

as of June 30, 2024 was allocated using the employer contributions excluding the total \$12,349,000 contributions made and miscellaneous income and federal tax credit received during 2022/2023. Following last year's practice, we have continued to treat the \$41,000 in miscellaneous income and federal tax credit as an amount to be recognized immediately as of the June 30, 2023 measurement date.

⁵ We have classified the \$2,941,000 interest contribution made by Sacramento Metropolitan Fire, a non-active employer, during 2021/2022 as well as the \$(17,275,000) offset to receivable contributions due from Sacramento Metropolitan Fire, in the "Other" category. We have also classified \$49,000 of miscellaneous income and federal tax credit in the "Other" category. This was done because the NPL for the active employers disclosed in our GASBS 68 actuarial valuation as of June 30, 2023 was allocated using the employer contributions excluding the total \$(14,334,000) offset to contributions made and miscellaneous income and federal tax credit received during 2021/2022. Following the prior year's practice, we have continued to treat the \$49,000 in miscellaneous income and federal tax credit as an amount to be recognized immediately as of the June 30, 2022 measurement date.

⁶ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Notes to Schedule:

Benefit changes: None

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Schedule of contributions – Last ten fiscal years

Year Ended June 30	Actuarially Determined Contributions ¹	Contributions in Relation to the Actuarially Determined Contributions	Contribution Deficiency / (Excess)	Covered Payroll ²	Contributions as a Percentage of Covered Payroll
2014	\$209,367,323	\$209,367,323	\$0	\$858,343,000	24.39%
2015	221,823,365	221,823,365	0	873,328,000	25.40%
2016	207,884,162	207,884,162	0	912,421,000	22.78%
2017	201,928,297	201,928,297	0	958,934,000	21.06%
2018	198,331,133	198,331,133	0	985,375,000	20.13%
2019	240,237,090	240,237,090	0	1,017,885,000	23.60%
2020	274,054,940	274,054,940	0	1,059,984,000	25.85%
2021	292,533,591	292,533,591	0	1,034,343,000	28.28%
2022	323,609,923	323,609,923	0	1,078,235,000	30.01%
2023	360,673,968	360,673,968	0	1,175,393,000	30.69%

¹ All “Actuarially Determined Contributions” through June 30, 2015 were determined as the “Annual Required Contribution” under GASBS 25 and 27.

² Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

See accompanying notes to this schedule on the next page.

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Notes to Schedule:

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

Valuation date:	Actuarially determined contribution rates are calculated as of June 30, two years prior to the end of the fiscal year in which contributions are reported.
Actuarial cost method:	Entry Age Actuarial Cost Method
Amortization method:	Level percent of payroll
Remaining amortization period:	<u>June 30, 2021 valuation</u> 14 years (declining) as of June 30, 2021 (which sets the rates for the 2022/2023 fiscal year) for the outstanding balance of the June 30, 2012 UAAL. Effective June 30, 2013, any changes in UAAL due to actuarial gains or losses or due to changes in actuarial assumptions or methods will be amortized over a 20-year closed period effective with each valuation. Any change in UAAL that arises due to plan amendments will be amortized over its own declining 15-year period and any change in UAAL due to retirement incentive programs will be amortized over a declining period of up to 5 years.
Asset valuation method:	The market value of assets less unrecognized returns from each of the last seven years. Unrecognized return is equal to the difference between actual and expected returns on a market value basis and is recognized over a seven-year period. The deferred return is further adjusted, if necessary, so that the actuarial value of assets will stay within 30% of the market value of assets.
Other information:	All members with membership dates on or after January 1, 2013 enter the new tiers created by the California Public Employees’ Pension Reform Act of 2013 (PEPRA).

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Actuarial assumptions:	
	June 30, 2021 valuation (used for the year ended June 30, 2023 ADC)
Investment rate of return:	6.75%, net of pension plan investment expense, including inflation.
Inflation rate:	2.75%
Real across-the-board salary increase:	0.25%
Projected salary increases:	Miscellaneous: 4.25% to 8.00% and Safety: 5.50% to 10.50%, varying by service, including inflation and across-the-board salary increases.
Cost of living adjustments:	Miscellaneous and Safety Tier 1 benefits are assumed to increase at 2.75% per year. Miscellaneous Tier 3, Tier 4 and Tier 5 and Safety Tier 2, Tier 3 and Tier 4 benefits are assumed to increase at 2.00% per year. Miscellaneous Tier 2 receive no COLA increases.
Other assumptions:	Same as those used in the June 30, 2021 funding actuarial valuation.

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Determination of proportionate share

Actual Employer Contributions by Employer and Membership Class July 1, 2021 to June 30, 2022

Employer	Miscellaneous	Miscellaneous Percentage ¹	Safety	Safety Percentage	Total Contributions
Carmichael Recreation and Park District	\$430,000	0.220%	\$0	0.000%	\$430,000
County of Sacramento	170,436,000	87.209%	128,178,000	100.000%	298,614,000
Elk Grove Cosumnes Cemetery District	88,000	0.045%	0	0.000%	88,000
Fair Oaks Cemetery District	46,000	0.024%	0	0.000%	46,000
Galt-Arno Cemetery District	18,000	0.009%	0	0.000%	18,000
Mission Oaks Recreation and Park District	422,000	0.216%	0	0.000%	422,000
Orangevale Recreation and Park District	258,000	0.132%	0	0.000%	258,000
Rio Linda Elverta Recreation and Park District	62,000	0.032%	0	0.000%	62,000
Sacramento Employment and Training Agency (SETA)	9,097,000	4.655%	0	0.000%	9,097,000
Sunrise Park Recreation and Park District	902,000	0.462%	0	0.000%	902,000
Superior Court of California, County of Sacramento	<u>13,673,000</u>	<u>6.996%</u>	<u>0</u>	<u>0.000%</u>	<u>13,673,000</u>
Total for all Employers	\$195,432,000	100.000%	\$128,178,000	100.000%	\$323,610,000²

¹ The unrounded percentages are used in the allocation of the Net Pension Liability (NPL) amongst the Miscellaneous employers.

² The employer contributions on the financial statement are \$306,335,000. The difference can be explained as follows:

\$306,335,000	Employer contributions on financial statements
<u>17,275,000</u>	Offset to contribution receivable for Sacramento Metropolitan Fire that has previously withdrawn from SCERS as an active employer
\$323,610,000	Employer contributions used to allocate NPL

Note that the \$2,941,000 interest payment made by Florin Fire that has previously withdrawn from SCERS as an active employer was classified as other income on the financial statements.

Note: Results may not total due to rounding.

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Determination of proportionate share (continued)

Allocation of June 30, 2022 Net Pension Liability

Employer	Miscellaneous	Miscellaneous Percentage	Safety	Safety Percentage	Total NPL	Total Percentage
Carmichael Recreation and Park District	\$2,061,923	0.220%	\$0	0.000%	\$2,061,923	0.118%
County of Sacramento	817,269,670	87.209%	811,503,248	100.000%	1,628,772,918	93.145%
Elk Grove Cosumnes Cemetery District	421,975	0.045%	0	0.000%	421,975	0.024%
Fair Oaks Cemetery District	220,578	0.024%	0	0.000%	220,578	0.013%
Galt-Arno Cemetery District	86,313	0.009%	0	0.000%	86,313	0.005%
Mission Oaks Recreation and Park District	2,023,562	0.216%	0	0.000%	2,023,562	0.116%
Orangevale Recreation and Park District	1,237,154	0.132%	0	0.000%	1,237,154	0.071%
Rio Linda Elverta Recreation and Park District	297,301	0.032%	0	0.000%	297,301	0.017%
Sacramento Employment and Training Agency (SETA)	43,621,666	4.655%	0	0.000%	43,621,666	2.495%
Sunrise Park Recreation and Park District	4,325,244	0.462%	0	0.000%	4,325,244	0.247%
Superior Court of California, County of Sacramento	<u>65,564,366</u>	<u>6.996%</u>	<u>0</u>	<u>0.000%</u>	<u>65,564,366</u>	<u>3.749%</u>
Total for all Employers	\$937,129,752	100.000%	\$811,503,248	100.000%	\$1,748,633,000¹	100.000%

¹ Excludes an increase in liability (loss) of \$9,905,226 for Sacramento Metropolitan Fire District that has previously withdrawn from SCERS as an active employer. This is based on the latest estimate available as of June 30, 2022 of \$38,759,730 offset by the estimate available as of June 30, 2021 adjusted with interest at the assumed rate of investment return to June 30, 2022 and with contributions made during 2021/2022, equal to \$28,854,504.

Note: Results may not total due to rounding.

Section 2: GASBS 68 Information

Determination of proportionate share (continued)

Notes:

Based on the July 1, 2021 through June 30, 2022 employer contributions as provided by SCERS.

The Net Pension Liability (NPL) for each membership class is the Total Pension Liability (TPL) minus the Plan Fiduciary Net Position (plan assets). The Total Pension Liability for each membership class is obtained from internal valuation results. The Plan Fiduciary Net Position for each membership class was estimated by adjusting the valuation value of assets for each membership class by the ratio of the total SCERS Plan Fiduciary Net Position to total SCERS valuation value of assets.

The Safety membership class has only one active employer (County of Sacramento) that was making contributions in 2021/2022, so all of the NPL for Safety is allocated to the County of Sacramento.

For Miscellaneous employers, the NPL is allocated based on the actual employer contributions within the Miscellaneous membership class.

- First calculate ratio of employer's contributions to the total contributions for the membership class.
- This ratio is multiplied by the NPL for the membership class to determine the employer's proportionate share of the NPL for the membership class.

If the employer is in both membership classes, the employer's total allocated NPL is the sum of its allocated NPL from each membership class. Proportionate share of total plan NPL is then the ratio of the employer's total allocated NPL to the total NPL of all employers.

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Determination of proportionate share (continued)

Notes (continued):

For purposes of the above results, we have assumed that the reporting date for the employer under GASBS 68 is June 30, 2023. The reporting date and measurement date for the plan under GASBS 67 are assumed to be June 30, 2022. This means that assets and liabilities are determined as of June 30, 2022 and are not adjusted or “rolled forward” to June 30, 2023. Other results, such as the total deferred inflows and outflows would also be allocated based on the same proportionate shares determined above.

The following items are allocated based on the corresponding proportionate share within each membership class:

1. Net Pension Liability
2. Service Cost
3. Interest on the Total Pension Liability
4. Current-period benefit changes
5. Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability
6. Expensed portion of current-period changes of assumptions or other inputs
7. Member contributions
8. Projected earnings on plan investments
9. Expensed portion of current-period differences between actual and projected earnings on plan investments
10. Administrative expense
11. Other
12. Recognition of beginning of year deferred outflows of resources as pension expense
13. Recognition of beginning of year deferred inflows of resources as pension expense

Section 2: GASBS 68 Information

Determination of proportionate share (continued)

Actual Employer Contributions by Employer and Membership Class
July 1, 2022 to June 30, 2023

Employer	Miscellaneous	Miscellaneous Percentage ¹	Safety	Safety Percentage	Total Contributions
Carmichael Recreation and Park District	\$487,000	0.220%	\$0	0.000%	\$487,000
County of Sacramento	192,265,000	86.658%	138,808,000	100.000%	331,073,000
Elk Grove Cosumnes Cemetery District	97,000	0.044%	0	0.000%	97,000
Fair Oaks Cemetery District	55,000	0.025%	0	0.000%	55,000
Galt-Arno Cemetery District	22,000	0.010%	0	0.000%	22,000
Mission Oaks Recreation and Park District	472,000	0.213%	0	0.000%	472,000
Orangevale Recreation and Park District	293,000	0.132%	0	0.000%	293,000
Rio Linda Elverta Recreation and Park District	68,000	0.031%	0	0.000%	68,000
Sacramento Employment and Training Agency (SETA)	10,534,000	4.748%	0	0.000%	10,534,000
Sunrise Park Recreation and Park District	1,204,000	0.543%	0	0.000%	1,204,000
Superior Court of California, County of Sacramento	<u>16,369,000</u>	<u>7.378%</u>	<u>0</u>	<u>0.000%</u>	<u>16,369,000</u>
Total for all Employers	\$221,866,000	100.000%	\$138,808,000	100.000%	\$360,674,000²

¹ The unrounded percentages are used in the allocation of the Net Pension Liability (NPL) amongst the Miscellaneous employers.

² The employer contributions on the financial statement are \$371,248,000. The difference can be explained as follows:

\$371,248,000	Employer contributions on financial statements
<u>(10,574,000)</u>	Contribution receivable for Sacramento Metropolitan Fire that has previously withdrawn from SCERS as an active employer
\$360,674,000	Employer contributions used to allocate NPL

Note that the \$1,775,000 interest payment made by Florin Fire that has previously withdrawn from SCERS as an active employer was classified as other income on the financial statements.

Note: Results may not total due to rounding.

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Determination of proportionate share (continued)

Allocation of June 30, 2023 Net Pension Liability

Employer	Miscellaneous	Miscellaneous Percentage	Safety	Safety Percentage	Total NPL	Total Percentage
Carmichael Recreation and Park District	\$2,400,388	0.220%	\$0	0.000%	\$2,400,388	0.120%
County of Sacramento	947,660,331	86.658%	902,034,474	100.000%	1,849,694,805	92.689%
Elk Grove Cosumnes Cemetery District	478,106	0.044%	0	0.000%	478,106	0.024%
Fair Oaks Cemetery District	271,091	0.025%	0	0.000%	271,091	0.014%
Galt-Arno Cemetery District	108,436	0.010%	0	0.000%	108,436	0.005%
Mission Oaks Recreation and Park District	2,326,454	0.213%	0	0.000%	2,326,454	0.117%
Orangevale Recreation and Park District	1,444,176	0.132%	0	0.000%	1,444,176	0.072%
Rio Linda Elverta Recreation and Park District	335,167	0.031%	0	0.000%	335,167	0.017%
Sacramento Employment and Training Agency (SETA)	51,921,327	4.748%	0	0.000%	51,921,327	2.602%
Sunrise Park Recreation and Park District	5,934,429	0.543%	0	0.000%	5,934,429	0.297%
Superior Court of California, County of Sacramento	<u>80,681,621</u>	<u>7.378%</u>	<u>0</u>	<u>0.000%</u>	<u>80,681,621</u>	<u>4.043%</u>
Total for all Employers	\$1,093,561,526	100.000%	\$902,034,474	100.000%	\$1,995,596,000¹	100.000%

¹ Excludes an increase in liability (loss) of \$1,992,845 for Sacramento Metropolitan Fire District that has previously withdrawn from SCERS as an active employer. This is based on the latest estimate available as of June 30, 2023 of \$40,396,083 offset by the estimate available as of June 30, 2022 adjusted with interest at the assumed rate of investment return to June 30, 2023 and with contributions made during 2022/2023, equal to \$38,403,238.

Note: Results may not total due to rounding.

Section 2: GASBS 68 Information

Determination of proportionate share (continued)

Notes:

Based on the July 1, 2022 through June 30, 2023 employer contributions as provided by SCERS.

The Net Pension Liability (NPL) for each membership class is the Total Pension Liability (TPL) minus the Plan Fiduciary Net Position (plan assets). The Total Pension Liability for each membership class is obtained from internal valuation results. The Plan Fiduciary Net Position for each membership class was estimated by adjusting the valuation value of assets for each membership class by the ratio of the total SCERS Plan Fiduciary Net Position to total SCERS valuation value of assets.

The Safety membership class has only one active employer (County of Sacramento) that was making contributions in 2022/2023, so all of the NPL for Safety is allocated to the County of Sacramento.

For Miscellaneous employers, the NPL is allocated based on the actual employer contributions within the Miscellaneous membership class.

- First calculate ratio of employer's contributions to the total contributions for the membership class.
- This ratio is multiplied by the NPL for the membership class to determine the employer's proportionate share of the NPL for the membership class.

If the employer is in both membership classes, the employer's total allocated NPL is the sum of its allocated NPL from each membership class. Proportionate share of total plan NPL is then the ratio of the employer's total allocated NPL to the total NPL of all employers.

Section 2: GASBS 68 Information

Determination of proportionate share (continued)

Notes (continued):

For purposes of the above results, we have assumed that the reporting date for the employer under GASBS 68 is June 30, 2024. The reporting date and measurement date for the plan under GASBS 67 are assumed to be June 30, 2023. This means that assets and liabilities are determined as of June 30, 2023 and are not adjusted or “rolled forward” to June 30, 2024. Other results, such as the total deferred inflows and outflows would also be allocated based on the same proportionate shares determined above.

The following items are allocated based on the corresponding proportionate share within each membership class:

1. Net Pension Liability
2. Service Cost
3. Interest on the Total Pension Liability
4. Current-period benefit changes
5. Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability
6. Expensed portion of current-period changes of assumptions or other inputs
7. Member contributions
8. Projected earnings on plan investments
9. Expensed portion of current-period differences between actual and projected earnings on plan investments
10. Administrative expense
11. Other
12. Recognition of beginning of year deferred outflows of resources as pension expense
13. Recognition of beginning of year deferred inflows of resources as pension expense

Section 2: GASBS 68 Information

Pension expense

Total for All Employers

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$270,739,734	\$264,372,132
• Interest on the Total Pension Liability	912,500,116	873,480,721
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	0	0
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	58,760,746	15,716,064
• Expensed portion of current-period changes of assumptions or other inputs	(4,341,176)	0
• Member contributions	(139,521,000)	(132,526,000)
• Projected earnings on plan investments	(801,744,549)	(851,471,334)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	18,167,510	279,851,667
• Administrative expense	28,178,000 ²	8,971,000
• Other ¹	(12,390,000)	14,284,000
• Recognition of beginning of year deferred outflows of resources as pension expense	478,890,580	191,088,468
• Recognition of beginning of year deferred inflows of resources as pension expense	(491,769,126)	(540,015,163)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	0	0
Pension Expense	\$317,470,835	\$123,751,555

¹ For the measurement period ended June 30, 2023, this represents the \$1,775,000 interest contribution made by Sacramento Metropolitan Fire, a non-active employer, as well as the \$10,574,000 receivable contributions due from Sacramento Metropolitan Fire, and \$41,000 of miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the \$2,941,000 interest contribution made by Sacramento Metropolitan Fire, a non-active employer, as well as the \$(17,275,000) offset to receivable contributions due from Sacramento Metropolitan Fire, and \$50,000 of miscellaneous income and federal tax credit.

² Includes a one-time impairment amount of \$17.1 million associated with termination of pension administration services provided by an outside vendor.

Section 2: GASBS 68 Information

Pension expense (continued)

Carmichael Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$397,495	\$386,412
• Interest on the Total Pension Liability	1,268,171	1,217,445
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	(995)	(9,581)
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	73,707	18,213
• Expensed portion of current-period changes of assumptions or other inputs	2,857	0
• Member contributions	(205,983)	(192,265)
• Projected earnings on plan investments	(1,137,363)	(1,210,391)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	21,176	399,340
• Administrative expense	38,116	12,627
• Other ¹	(386)	321
• Recognition of beginning of year deferred outflows of resources as pension expense	665,934	253,509
• Recognition of beginning of year deferred inflows of resources as pension expense	(708,760)	(779,358)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	<u>(72,466)</u>	<u>(28,697)</u>
Pension Expense	\$341,503	\$67,575

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

County of Sacramento

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$246,579,139	\$241,909,912
• Interest on the Total Pension Liability	835,417,690	802,710,340
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	(1,048,292)	1,025,603
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	54,280,685	14,657,317
• Expensed portion of current-period changes of assumptions or other inputs	(4,514,818)	0
• Member contributions	(127,000,888)	(121,349,603)
• Projected earnings on plan investments	(732,612,977)	(781,111,033)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	16,880,387	256,637,916
• Administrative expense	25,861,212	8,236,964
• Other ¹	(12,366,520)	14,265,327
• Recognition of beginning of year deferred outflows of resources as pension expense	438,413,581	176,351,938
• Recognition of beginning of year deferred inflows of resources as pension expense	(448,689,046)	(494,710,911)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	<u>2,943,978</u>	<u>1,407,088</u>
Pension Expense	\$294,144,131	\$120,030,858

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class and the \$12,214,000 allocated to the Safety membership class. These amounts include: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class and the \$(14,138,000) allocated to the Safety membership class. These amounts include: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Elk Grove Cosumnes Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$79,170	\$79,080
• Interest on the Total Pension Liability	252,593	249,152
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	(2,486)	(9,856)
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	14,681	3,727
• Expensed portion of current-period changes of assumptions or other inputs	569	0
• Member contributions	(41,027)	(39,347)
• Projected earnings on plan investments	(226,538)	(247,708)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	4,218	81,725
• Administrative expense	7,592	2,584
• Other ¹	(77)	66
• Recognition of beginning of year deferred outflows of resources as pension expense	132,640	51,881
• Recognition of beginning of year deferred inflows of resources as pension expense	(141,170)	(159,496)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	(21,376)	(262)
Pension Expense	\$58,789	\$11,546

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Fair Oaks Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$44,890	\$41,338
• Interest on the Total Pension Liability	143,223	130,238
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	2,379	(11,591)
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	8,324	1,948
• Expensed portion of current-period changes of assumptions or other inputs	323	0
• Member contributions	(23,263)	(20,568)
• Projected earnings on plan investments	(128,450)	(129,484)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	2,392	42,720
• Administrative expense	4,305	1,351
• Other ¹	(44)	34
• Recognition of beginning of year deferred outflows of resources as pension expense	75,208	27,120
• Recognition of beginning of year deferred inflows of resources as pension expense	(80,045)	(83,373)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	<u>(42,320)</u>	<u>(41,140)</u>
Pension Expense	\$6,922	\$(41,407)

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Galt-Arno Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$17,957	\$16,173
• Interest on the Total Pension Liability	57,289	50,963
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	1,340	1,291
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	3,330	762
• Expensed portion of current-period changes of assumptions or other inputs	129	0
• Member contributions	(9,305)	(8,048)
• Projected earnings on plan investments	(51,380)	(50,668)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	957	16,717
• Administrative expense	1,722	529
• Other ¹	(17)	13
• Recognition of beginning of year deferred outflows of resources as pension expense	30,083	10,612
• Recognition of beginning of year deferred inflows of resources as pension expense	(32,018)	(32,624)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	(8,911)	(6,002)
Pension Expense	\$11,176	\$(282)

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Mission Oaks Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$385,249	\$379,224
• Interest on the Total Pension Liability	1,229,111	1,194,795
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	(6,063)	54,092
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	71,436	17,875
• Expensed portion of current-period changes of assumptions or other inputs	2,769	0
• Member contributions	(199,638)	(188,688)
• Projected earnings on plan investments	(1,102,331)	(1,187,872)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	20,524	391,911
• Administrative expense	36,942	12,393
• Other ¹	(374)	315
• Recognition of beginning of year deferred outflows of resources as pension expense	645,422	248,792
• Recognition of beginning of year deferred inflows of resources as pension expense	(686,929)	(764,858)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	(105,767)	(176,384)
Pension Expense	\$290,351	\$(18,405)

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Orangevale Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$239,150	\$231,847
• Interest on the Total Pension Liability	762,986	730,467
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	89	8,292
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	44,345	10,928
• Expensed portion of current-period changes of assumptions or other inputs	1,719	0
• Member contributions	(123,928)	(115,359)
• Projected earnings on plan investments	(684,286)	(726,234)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	12,740	239,604
• Administrative expense	22,932	7,576
• Other ¹	(232)	193
• Recognition of beginning of year deferred outflows of resources as pension expense	400,654	152,105
• Recognition of beginning of year deferred inflows of resources as pension expense	(426,420)	(467,615)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	<u>14,560</u>	<u>10,139</u>
Pension Expense	\$264,309	\$81,943

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Rio Linda Elverta Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$55,501	\$55,716
• Interest on the Total Pension Liability	177,075	175,539
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	(2,044)	14,232
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	10,292	2,626
• Expensed portion of current-period changes of assumptions or other inputs	399	0
• Member contributions	(28,761)	(27,722)
• Projected earnings on plan investments	(158,810)	(174,521)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	2,957	57,579
• Administrative expense	5,322	1,821
• Other ¹	(54)	46
• Recognition of beginning of year deferred outflows of resources as pension expense	92,985	36,552
• Recognition of beginning of year deferred inflows of resources as pension expense	(98,964)	(112,373)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	<u>12,333</u>	<u>35,128</u>
Pension Expense	\$68,231	\$64,623

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Sacramento Employment and Training Agency (SETA)

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$8,597,944	\$8,174,860
• Interest on the Total Pension Liability	27,431,042	25,756,047
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	176,888	(857,765)
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	1,594,303	385,319
• Expensed portion of current-period changes of assumptions or other inputs	61,793	0
• Member contributions	(4,455,487)	(4,067,518)
• Projected earnings on plan investments	(24,601,601)	(25,606,803)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	458,043	8,448,372
• Administrative expense	824,467	267,144
• Other ¹	(8,356)	6,796
• Recognition of beginning of year deferred outflows of resources as pension expense	14,404,402	5,363,187
• Recognition of beginning of year deferred inflows of resources as pension expense	(15,330,751)	(16,487,949)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	(1,069,169)	(80,935)
Pension Expense	\$8,083,518	\$1,300,755

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Sunrise Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$982,714	\$810,567
• Interest on the Total Pension Liability	3,135,274	2,553,804
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	154,150	79,582
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	182,223	38,206
• Expensed portion of current-period changes of assumptions or other inputs	7,063	0
• Member contributions	(509,247)	(403,309)
• Projected earnings on plan investments	(2,811,878)	(2,539,006)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	52,353	837,686
• Administrative expense	94,234	26,488
• Other ¹	(955)	674
• Recognition of beginning of year deferred outflows of resources as pension expense	1,646,374	531,779
• Recognition of beginning of year deferred inflows of resources as pension expense	(1,752,252)	(1,634,839)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	(239,382)	(227,064)
Pension Expense	\$940,671	\$74,568

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Pension expense (continued)

Superior Court of California, County of Sacramento

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Service Cost	\$13,360,525	\$12,287,003
• Interest on the Total Pension Liability	42,625,662	38,711,931
• Expensed portion of current-period changes in proportion and differences between employer's contributions and proportionate share of contributions	725,034	(294,299)
• Current-period benefit changes	0	0
• Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	2,477,420	579,143
• Expensed portion of current-period changes of assumptions or other inputs	96,021	0
• Member contributions	(6,923,473)	(6,113,573)
• Projected earnings on plan investments	(38,228,935)	(38,487,614)
• Expensed portion of current-period differences between actual and projected earnings on plan investments	711,763	12,698,097
• Administrative expense	1,281,156	401,523
• Other ¹	(12,985)	10,215
• Recognition of beginning of year deferred outflows of resources as pension expense	22,383,297	8,060,993
• Recognition of beginning of year deferred inflows of resources as pension expense	(23,822,771)	(24,781,767)
• Net amortization of deferred amounts from changes in proportion and differences between employer's contributions and proportionate share of contributions	(1,411,480)	(891,871)
Pension Expense	\$13,261,234	\$2,179,781

¹ For the measurement period ended June 30, 2023, this represents the employer's proportional share of the \$176,000 allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit. For the measurement period ended June 30, 2022, this represents the employer's proportional share of the \$(146,000) allocated to the Miscellaneous membership class. This amount includes: a) the contribution made by Sacramento Metropolitan Fire, a non-active employer, b) the offset to receivable contributions due from Sacramento Metropolitan Fire, and c) the miscellaneous income and federal tax credit.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources

Total for All Employers

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$10,367,638	\$9,831,809
• Changes of assumptions or other inputs	41,284,085	81,317,167
• Net difference between projected and actual earnings on pension plan investments (if any)	989,970,064	1,279,420,810
• Difference between actual and expected experience in the Total Pension Liability	301,155,103	152,057,883
• Total Deferred Outflows of Resources	\$1,342,776,890	\$1,522,627,669
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$10,367,638	\$9,831,809
• Changes of assumptions or other inputs	144,041,180	189,942,218
• Net difference between actual and projected earnings on pension plan investments (if any)	830,754,669	1,255,406,404
• Difference between expected and actual experience in the Total Pension Liability	0	0
• Total Deferred Inflows of Resources	\$985,163,487	\$1,455,180,431
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(12,878,546)
2025	\$24,224,164	(48,362,916)
2026	(90,205,777)	(162,792,857)
2027	364,068,637	291,481,557
2028	59,526,379	0
2029	0	0
Thereafter	0	0
Total	\$357,613,403	\$67,447,238

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Carmichael Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$0	\$3,504
• Changes of assumptions or other inputs	80,136	155,438
• Net difference between projected and actual earnings on pension plan investments (if any)	1,389,373	1,816,882
• Difference between actual and expected experience in the Total Pension Liability	<u>378,238</u>	<u>173,886</u>
• Total Deferred Outflows of Resources	\$1,847,747	\$2,149,710
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$131,995	\$204,225
• Changes of assumptions or other inputs	174,676	270,772
• Net difference between actual and projected earnings on pension plan investments (if any)	1,185,902	1,803,501
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$1,492,573	\$2,278,498
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(115,394)
2025	\$(38,312)	(135,206)
2026	(186,614)	(283,917)
2027	501,490	405,729
2028	78,610	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$355,174	\$(128,788)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

County of Sacramento

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$5,700,902	\$8,644,880
• Changes of assumptions or other inputs	36,413,212	72,281,540
• Net difference between projected and actual earnings on pension plan investments (if any)	905,520,712	1,173,805,060
• Difference between actual and expected experience in the Total Pension Liability	<u>278,164,937</u>	<u>141,949,845</u>
• Total Deferred Outflows of Resources	\$1,225,799,763	\$1,396,681,325
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$3,941,581	\$0
• Changes of assumptions or other inputs	133,423,950	174,202,178
• Net difference between actual and projected earnings on pension plan investments (if any)	758,672,791	1,150,568,462
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$896,038,322	\$1,324,770,640
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(7,439,128)
2025	\$23,705,295	(42,050,306)
2026	(80,655,703)	(146,843,155)
2027	332,806,105	268,243,274
2028	53,905,744	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$329,761,441	\$71,910,685

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Elk Grove Cosumnes Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$0	\$6,918
• Changes of assumptions or other inputs	15,961	31,810
• Net difference between projected and actual earnings on pension plan investments (if any)	276,733	371,827
• Difference between actual and expected experience in the Total Pension Liability	<u>75,337</u>	<u>35,586</u>
• Total Deferred Outflows of Resources	\$368,031	\$446,141
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$59,779	\$78,726
• Changes of assumptions or other inputs	34,792	55,414
• Net difference between actual and projected earnings on pension plan investments (if any)	236,206	369,089
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$330,777	\$503,229
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(30,161)
2025	\$(21,882)	(39,238)
2026	(46,499)	(64,879)
2027	91,718	77,190
2028	13,917	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$37,254	\$(57,088)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Fair Oaks Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$8,946	\$0
• Changes of assumptions or other inputs	9,050	16,628
• Net difference between projected and actual earnings on pension plan investments (if any)	156,911	194,364
• Difference between actual and expected experience in the Total Pension Liability	<u>42,717</u>	<u>18,602</u>
• Total Deferred Outflows of Resources	\$217,624	\$229,594
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$49,587	\$91,907
• Changes of assumptions or other inputs	19,727	28,966
• Net difference between actual and projected earnings on pension plan investments (if any)	133,931	192,933
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$203,245	\$313,806
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(46,912)
2025	\$(19,065)	(32,124)
2026	(28,681)	(40,760)
2027	51,352	35,584
2028	10,773	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$14,379	\$(84,212)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Galt-Arno Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$8,577	\$4,828
• Changes of assumptions or other inputs	3,620	6,507
• Net difference between projected and actual earnings on pension plan investments (if any)	62,764	76,056
• Difference between actual and expected experience in the Total Pension Liability	<u>17,087</u>	<u>7,279</u>
• Total Deferred Outflows of Resources	\$92,048	\$94,670
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$3,705	\$13,907
• Changes of assumptions or other inputs	7,891	11,335
• Net difference between actual and projected earnings on pension plan investments (if any)	53,572	75,495
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$65,168	\$100,737
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(10,708)
2025	\$1,714	(3,840)
2026	(4,755)	(9,756)
2027	25,315	18,237
2028	4,606	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$26,880	\$(6,067)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Mission Oaks Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$148,212	\$202,304
• Changes of assumptions or other inputs	77,668	152,546
• Net difference between projected and actual earnings on pension plan investments (if any)	1,346,579	1,783,079
• Difference between actual and expected experience in the Total Pension Liability	<u>366,588</u>	<u>170,651</u>
• Total Deferred Outflows of Resources	\$1,939,047	\$2,308,580
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$209,435	\$346,498
• Changes of assumptions or other inputs	169,296	265,734
• Net difference between actual and projected earnings on pension plan investments (if any)	1,149,375	1,769,948
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$1,528,106	\$2,382,180
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(147,897)
2025	\$(26,505)	(116,083)
2026	(162,711)	(254,786)
2027	527,845	445,166
2028	72,312	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$410,941	\$(73,600)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Orangevale Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$24,226	\$39,166
• Changes of assumptions or other inputs	48,213	93,263
• Net difference between projected and actual earnings on pension plan investments (if any)	835,906	1,090,129
• Difference between actual and expected experience in the Total Pension Liability	<u>227,564</u>	<u>104,332</u>
• Total Deferred Outflows of Resources	\$1,135,909	\$1,326,890
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$579	\$1,291
• Changes of assumptions or other inputs	105,093	162,463
• Net difference between actual and projected earnings on pension plan investments (if any)	713,489	1,082,101
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$819,161	\$1,245,855
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(11,197)
2025	\$29,514	(29,366)
2026	(73,387)	(132,231)
2027	312,808	253,829
2028	47,813	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$316,748	\$81,035

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Rio Linda Elverta Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$39,917	\$55,364
• Changes of assumptions or other inputs	11,189	22,412
• Net difference between projected and actual earnings on pension plan investments (if any)	193,999	261,969
• Difference between actual and expected experience in the Total Pension Liability	<u>52,813</u>	<u>25,072</u>
• Total Deferred Outflows of Resources	\$297,918	\$364,817
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$10,204	\$5,634
• Changes of assumptions or other inputs	24,390	39,042
• Net difference between actual and projected earnings on pension plan investments (if any)	165,588	260,040
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$200,182	\$304,716
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$6,143
2025	\$15,063	3,153
2026	(6,494)	(19,247)
2027	79,638	70,052
2028	9,529	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$97,736	\$60,101

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Sacramento Employment and Training Agency (SETA)

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$913,070	\$554,110
• Changes of assumptions or other inputs	1,733,381	3,288,410
• Net difference between projected and actual earnings on pension plan investments (if any)	30,052,684	38,437,609
• Difference between actual and expected experience in the Total Pension Liability	<u>8,181,426</u>	<u>3,678,701</u>
• Total Deferred Outflows of Resources	\$40,880,561	\$45,958,830
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$2,888,861	\$4,264,167
• Changes of assumptions or other inputs	3,778,315	5,728,402
• Net difference between actual and projected earnings on pension plan investments (if any)	25,651,516	38,154,535
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$32,318,692	\$48,147,104
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(1,977,355)
2025	\$30,334	(2,234,094)
2026	(3,884,030)	(6,075,588)
2027	10,564,457	8,098,763
2028	1,851,108	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$8,561,869	\$(2,188,274)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Sunrise Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$797,659	\$320,735
• Changes of assumptions or other inputs	198,119	326,058
• Net difference between projected and actual earnings on pension plan investments (if any)	3,434,918	3,811,226
• Difference between actual and expected experience in the Total Pension Liability	<u>935,109</u>	<u>364,756</u>
• Total Deferred Outflows of Resources	\$5,365,805	\$4,822,775
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$502,403	\$844,465
• Changes of assumptions or other inputs	431,848	567,992
• Net difference between actual and projected earnings on pension plan investments (if any)	2,931,880	3,783,158
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$3,866,131	\$5,195,615
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(329,432)
2025	\$1,272	(371,337)
2026	(287,815)	(596,921)
2027	1,472,854	924,850
2028	313,363	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$1,499,674	\$(372,840)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

Superior Court of California, County of Sacramento

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
Deferred Outflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$2,726,129	\$0
• Changes of assumptions or other inputs	2,693,536	4,942,555
• Net difference between projected and actual earnings on pension plan investments (if any)	46,699,485	57,772,609
• Difference between actual and expected experience in the Total Pension Liability	<u>12,713,287</u>	<u>5,529,173</u>
• Total Deferred Outflows of Resources	\$64,832,437	\$68,244,337
Deferred Inflows of Resources		
• Changes in proportion and differences between employer's contributions and proportionate share of contributions ¹	\$2,569,509	\$3,980,989
• Changes of assumptions or other inputs	5,871,202	8,609,920
• Net difference between actual and projected earnings on pension plan investments (if any)	39,860,419	57,347,142
• Difference between expected and actual experience in the Total Pension Liability	<u>0</u>	<u>0</u>
• Total Deferred Inflows of Resources	\$48,301,130	\$69,938,051
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Reporting Date for Employer under GASBS 68 Year Ended June 30:		
2024	N/A	\$(2,776,505)
2025	\$546,736	(3,354,475)
2026	(4,869,088)	(8,471,617)
2027	17,635,055	12,908,883
2028	3,218,604	0
2029	0	0
Thereafter	<u>0</u>	<u>0</u>
Total	\$16,531,307	\$(1,693,714)

¹ Calculated in accordance with Paragraphs 54 and 55 of GASBS 68.

Section 2: GASBS 68 Information

Deferred outflows of resources and deferred inflows of resources (continued)

There are changes in each employer's proportionate share of the total NPL during the measurement period ended June 30, 2023. The net effect of the change on the employer's proportionate share of the collective NPL and collective deferred outflows of resources and deferred inflows of resources for the current period is recognized over the average of the expected remaining service lives of all employees that are provided with pensions through SCERS which is 4.76 years determined as of June 30, 2022 (the beginning of the measurement period ended June 30, 2023). This is described in Paragraph 33a. of GASBS 68.

In addition, the difference between the actual employer contributions and the proportionate share of the employer contributions during the measurement period ended June 30, 2023 is recognized over the same period.

The net effects of the change on the employer's proportionate share of the collective NPL and collective deferred outflows of resources and deferred inflows of resources for prior periods are continued to be recognized based on the expected remaining service lives of all employees calculated as of those prior measurement dates.

The average of the expected remaining service lives of all employees was determined by:

- Calculating each active employees' expected remaining service life as the present value of \$1 per year of future service at zero percent interest.
- Setting the remaining service life to zero for each non-active or retired member.
- Dividing the sum of the above amounts by the total number of active, non-active and retired members.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability

Total for All Employers

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	100.000%	\$770,927,000	\$858,343,000	89.82%	91.02%
2016	100.000%	1,149,865,000	873,328,000	131.66%	87.26%
2017	100.000%	1,755,225,000	912,421,000	192.37%	81.40%
2018	100.000%	2,096,773,000	958,934,000	218.66%	80.37%
2019	100.000%	1,961,326,000	985,375,000	199.04%	82.51%
2020	100.000%	2,073,826,000	1,017,885,000	203.74%	82.57%
2021	100.000%	2,714,276,000	1,059,984,000	256.07%	78.62%
2022	100.000%	421,380,000	1,034,343,000	40.74%	96.76%
2023	100.000%	1,748,633,000	1,078,235,000	162.18%	87.12%
2024	100.000%	1,995,596,000	1,175,393,000	169.78%	86.10%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Carmichael Recreation and Park District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	0.102%	\$787,256	\$1,040,000	75.70%	93.16%
2016	0.119%	1,373,257	1,096,000	125.30%	89.46%
2017	0.140%	2,457,342	1,138,000	215.94%	83.21%
2018	0.128%	2,686,756	1,039,000	258.59%	82.52%
2019	0.139%	2,718,183	1,143,000	237.81%	84.67%
2020	0.135%	2,806,617	1,239,000	226.52%	85.10%
2021	0.140%	3,789,899	1,249,000	303.43%	80.55%
2022	0.047%	198,561	1,156,000	17.18%	98.92%
2023	0.118%	2,061,923	1,222,000	168.73%	89.09%
2024	0.120%	2,400,388	1,360,000	176.50%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

County of Sacramento

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	93.899%	\$723,888,442	\$786,364,000	92.06%	90.83%
2016	93.437%	1,074,403,473	803,586,000	133.70%	87.08%
2017	92.346%	1,620,887,640	838,533,000	193.30%	81.23%
2018	92.245%	1,934,170,514	883,259,000	218.98%	80.16%
2019	92.175%	1,807,849,704	908,447,000	199.00%	82.30%
2020	92.508%	1,918,456,345	938,438,000	204.43%	82.32%
2021	92.036%	2,498,098,601	975,071,000	256.20%	78.43%
2022	97.217%	409,650,664	952,846,000	42.99%	96.56%
2023	93.145%	1,628,772,918	993,049,000	164.02%	86.95%
2024	92.689%	1,849,694,805	1,077,715,000	171.63%	85.93%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Elk Grove Cosumnes Cemetery District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	0.020%	\$155,234	\$209,000	74.27%	93.16%
2016	0.018%	207,045	162,000	127.81%	89.46%
2017	0.025%	443,907	209,000	212.40%	83.21%
2018	0.026%	547,121	227,000	241.02%	82.52%
2019	0.029%	578,532	273,000	211.92%	84.67%
2020	0.031%	639,285	300,000	213.10%	85.10%
2021	0.030%	823,059	295,000	279.00%	80.55%
2022	0.010%	43,785	274,000	15.98%	98.92%
2023	0.024%	421,975	272,000	155.14%	89.09%
2024	0.024%	478,106	295,000	162.07%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Fair Oaks Cemetery District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	0.018%	\$138,601	\$199,000	69.65%	93.16%
2016	0.020%	232,397	206,000	112.81%	89.46%
2017	0.021%	364,638	211,000	172.81%	83.21%
2018	0.028%	595,971	261,000	228.34%	82.52%
2019	0.025%	486,702	226,000	215.35%	84.67%
2020	0.019%	397,604	185,000	214.92%	85.10%
2021	0.018%	478,523	180,000	265.85%	80.55%
2022	0.006%	25,456	181,000	14.06%	98.92%
2023	0.013%	220,578	160,000	137.86%	89.09%
2024	0.014%	271,091	181,000	149.77%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Galt-Arno Cemetery District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	0.002%	\$16,632	\$26,000	63.97%	93.16%
2016	0.003%	29,578	26,000	113.76%	89.46%
2017	0.003%	55,488	28,000	198.17%	83.21%
2018	0.006%	127,010	63,000	201.60%	82.52%
2019	0.008%	156,112	81,000	192.73%	84.67%
2020	0.005%	109,146	60,000	181.91%	85.10%
2021	0.005%	143,557	63,000	227.87%	80.55%
2022	0.002%	7,637	60,000	12.73%	98.92%
2023	0.005%	86,313	69,000	125.09%	89.09%
2024	0.005%	108,436	78,000	139.02%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Mission Oaks Recreation and Park District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	0.083%	\$643,111	\$826,000	77.86%	93.16%
2016	0.095%	1,090,155	851,000	128.10%	89.46%
2017	0.100%	1,751,847	782,000	224.02%	83.21%
2018	0.154%	3,224,108	1,116,000	288.90%	82.52%
2019	0.147%	2,892,660	1,148,000	251.97%	84.67%
2020	0.128%	2,635,102	1,101,000	239.34%	85.10%
2021	0.131%	3,560,209	1,120,000	317.88%	80.55%
2022	0.040%	169,540	974,000	17.41%	98.92%
2023	0.116%	2,023,562	1,208,000	167.51%	89.09%
2024	0.117%	2,326,454	1,329,000	175.05%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Orangevale Recreation and Park District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	0.062%	\$476,789	\$611,000	78.03%	93.16%
2016	0.066%	760,573	592,000	128.48%	89.46%
2017	0.075%	1,307,940	593,000	220.56%	83.21%
2018	0.070%	1,455,733	590,000	246.73%	82.52%
2019	0.069%	1,359,091	639,000	212.69%	84.67%
2020	0.069%	1,434,493	642,000	223.44%	85.10%
2021	0.074%	2,000,225	745,000	268.49%	80.55%
2022	0.027%	113,536	731,000	15.53%	98.92%
2023	0.071%	1,237,154	822,000	150.51%	89.09%
2024	0.072%	1,444,176	892,000	161.90%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Rio Linda Elverta Recreation and Park District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2019 ²	0.014%	\$284,675	\$295,000	96.50%	84.67%
2020	0.014%	296,254	407,000	72.79%	85.10%
2021	0.014%	392,389	420,000	93.43%	80.55%
2022	0.005%	22,402	430,000	5.21%	98.92%
2023	0.017%	297,301	528,000	56.31%	89.09%
2024	0.017%	335,167	561,000	59.74%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

² Rio Linda Elverta Recreation and Park District joined the System on October 1, 2017. There is no amount reportable before the June 30, 2019 reporting date.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Sacramento Employment and Training Agency (SETA)

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	2.303%	\$17,754,845	\$23,035,000	77.08%	93.16%
2016	2.488%	28,610,225	22,744,000	125.79%	89.46%
2017	2.868%	50,343,812	23,077,000	218.16%	83.21%
2018	2.858%	59,919,549	22,917,000	261.46%	82.52%
2019	2.869%	56,264,540	23,045,000	244.15%	84.67%
2020	2.704%	56,085,569	23,982,000	233.87%	85.10%
2021	2.967%	80,535,363	27,119,000	296.97%	80.55%
2022	1.059%	4,462,015	26,542,000	16.81%	98.92%
2023	2.495%	43,621,666	27,696,000	157.50%	89.09%
2024	2.602%	51,921,327	29,369,000	176.79%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Sunrise Recreation and Park District

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	0.142%	\$1,092,179	\$1,406,000	77.68%	93.16%
2016	0.169%	1,939,461	1,521,000	127.51%	89.46%
2017	0.189%	3,321,376	1,495,000	222.17%	83.21%
2018	0.278%	5,832,704	2,278,000	256.04%	82.52%
2019	0.307%	6,014,897	2,588,000	232.41%	84.67%
2020	0.305%	6,314,889	2,839,000	222.43%	85.10%
2021	0.294%	7,981,758	2,754,000	289.82%	80.55%
2022	0.090%	376,756	2,299,000	16.39%	98.92%
2023	0.247%	4,325,244	2,716,000	159.25%	89.09%
2024	0.297%	5,934,429	3,587,000	165.44%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of proportionate share of the Net Pension Liability (continued)

Superior Court of California, County of Sacramento

Reporting Date for Employer Under GASBS 68 as of June 30	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll ¹	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	3.369%	\$25,973,911	\$44,627,000	58.20%	93.16%
2016	3.585%	41,218,836	42,543,000	96.89%	89.46%
2017	4.233%	74,291,010	46,355,000	160.27%	83.21%
2018	4.207%	88,213,534	47,184,000	186.96%	82.52%
2019	4.218%	82,720,904	47,490,000	174.19%	84.67%
2020	4.082%	84,650,696	48,692,000	173.85%	85.10%
2021	4.291%	116,472,417	50,968,000	228.52%	80.55%
2022	1.497%	6,309,648	48,850,000	12.92%	98.92%
2023	3.749%	65,564,366	50,493,000	129.85%	89.09%
2024	4.043%	80,681,621	60,026,000	134.41%	87.97%

¹ Covered payroll represents compensation earnable and pensionable compensation. Only compensation earnable and pensionable compensation that would possibly go into the determination of the retirement benefits are included.

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability

Total for All Employers

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$1,748,633,000	\$421,380,000
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	317,470,835	123,751,555
• Employer Contributions	(360,674,000)	(323,610,000)
• New Net Deferred Inflows/Outflows	277,287,619	1,178,184,750
• Change in Allocation of Prior Deferred Inflows/Outflows	0	0
• New Net Deferred Flows Due to Change in Proportion	0	0
• Recognition of Prior Deferred Inflows/Outflows	12,878,546	348,926,695
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>0</u>	<u>0</u>
Ending Net Pension Liability	\$1,995,596,000	\$1,748,633,000

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Carmichael Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$2,061,923	\$198,561
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	341,503	67,575
• Employer Contributions	(487,000)	(430,000)
• New Net Deferred Inflows/Outflows	372,581	1,665,482
• Change in Allocation of Prior Deferred Inflows/Outflows	(171)	41,592
• New Net Deferred Flows Due to Change in Proportion	(3,740)	(35,833)
• Recognition of Prior Deferred Inflows/Outflows	42,826	525,849
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>72,466</u>	<u>28,697</u>
Ending Net Pension Liability	\$2,400,388	\$2,061,923

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

County of Sacramento

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$1,628,772,918	\$409,650,664
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	294,144,131	120,030,858
• Employer Contributions	(331,073,000)	(298,614,000)
• New Net Deferred Inflows/Outflows	254,641,219	1,081,370,022
• Change in Allocation of Prior Deferred Inflows/Outflows	(180,369)	(4,452,264)
• New Net Deferred Flows Due to Change in Proportion	(3,941,581)	3,835,753
• Recognition of Prior Deferred Inflows/Outflows	10,275,465	318,358,973
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>(2,943,978)</u>	<u>(1,407,088)</u>
Ending Net Pension Liability	\$1,849,694,805	\$1,628,772,918

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Elk Grove Cosumnes Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$421,975	\$43,785
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	58,789	11,546
• Employer Contributions	(97,000)	(88,000)
• New Net Deferred Inflows/Outflows	74,211	340,842
• Change in Allocation of Prior Deferred Inflows/Outflows	(428)	42,786
• New Net Deferred Flows Due to Change in Proportion	(9,347)	(36,861)
• Recognition of Prior Deferred Inflows/Outflows	8,530	107,615
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>21,376</u>	<u>262</u>
Ending Net Pension Liability	\$478,106	\$421,975

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Fair Oaks Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$220,578	\$25,456
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	6,922	(41,407)
• Employer Contributions	(55,000)	(46,000)
• New Net Deferred Inflows/Outflows	42,079	178,168
• Change in Allocation of Prior Deferred Inflows/Outflows	409	50,318
• New Net Deferred Flows Due to Change in Proportion	8,946	(43,350)
• Recognition of Prior Deferred Inflows/Outflows	4,837	56,253
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>42,320</u>	<u>41,140</u>
Ending Net Pension Liability	\$271,091	\$220,578

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Galt-Arno Cemetery District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$86,313	\$7,637
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	11,176	(282)
• Employer Contributions	(22,000)	(18,000)
• New Net Deferred Inflows/Outflows	16,830	69,720
• Change in Allocation of Prior Deferred Inflows/Outflows	231	(5,604)
• New Net Deferred Flows Due to Change in Proportion	5,040	4,828
• Recognition of Prior Deferred Inflows/Outflows	1,935	22,012
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>8,911</u>	<u>6,002</u>
Ending Net Pension Liability	\$108,436	\$86,313

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Mission Oaks Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$2,023,562	\$169,540
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	290,351	(18,405)
• Employer Contributions	(472,000)	(422,000)
• New Net Deferred Inflows/Outflows	361,106	1,634,493
• Change in Allocation of Prior Deferred Inflows/Outflows	(1,043)	(234,820)
• New Net Deferred Flows Due to Change in Proportion	(22,796)	202,304
• Recognition of Prior Deferred Inflows/Outflows	41,507	516,066
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>105,767</u>	<u>176,384</u>
Ending Net Pension Liability	\$2,326,454	\$2,023,562

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Orangevale Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$1,237,154	\$113,536
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	264,309	81,943
• Employer Contributions	(293,000)	(258,000)
• New Net Deferred Inflows/Outflows	224,160	999,288
• Change in Allocation of Prior Deferred Inflows/Outflows	15	(35,997)
• New Net Deferred Flows Due to Change in Proportion	332	31,013
• Recognition of Prior Deferred Inflows/Outflows	25,766	315,510
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>(14,560)</u>	<u>(10,139)</u>
Ending Net Pension Liability	\$1,444,176	\$1,237,154

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Rio Linda Elverta Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$297,301	\$22,402
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	68,231	64,623
• Employer Contributions	(68,000)	(62,000)
• New Net Deferred Inflows/Outflows	52,024	240,138
• Change in Allocation of Prior Deferred Inflows/Outflows	(351)	(61,781)
• New Net Deferred Flows Due to Change in Proportion	(7,684)	53,226
• Recognition of Prior Deferred Inflows/Outflows	5,979	75,821
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>(12,333)</u>	<u>(35,128)</u>
Ending Net Pension Liability	\$335,167	\$297,301

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Sacramento Employment and Training Agency (SETA)

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$43,621,666	\$4,462,015
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	8,083,518	1,300,755
• Employer Contributions	(10,534,000)	(9,097,000)
• New Net Deferred Inflows/Outflows	8,059,093	35,234,580
• Change in Allocation of Prior Deferred Inflows/Outflows	30,435	3,723,659
• New Net Deferred Flows Due to Change in Proportion	665,097	(3,208,040)
• Recognition of Prior Deferred Inflows/Outflows	926,349	11,124,762
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>1,069,169</u>	<u>80,935</u>
Ending Net Pension Liability	\$51,921,327	\$43,621,666

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Sunrise Recreation and Park District

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$4,325,244	\$376,756
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	940,671	74,568
• Employer Contributions	(1,204,000)	(902,000)
• New Net Deferred Inflows/Outflows	921,127	3,493,634
• Change in Allocation of Prior Deferred Inflows/Outflows	26,523	(345,475)
• New Net Deferred Flows Due to Change in Proportion	579,604	297,637
• Recognition of Prior Deferred Inflows/Outflows	105,878	1,103,060
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>239,382</u>	<u>227,064</u>
Ending Net Pension Liability	\$5,934,429	\$4,325,244

Section 2: GASBS 68 Information

Schedule of reconciliation of Net Pension Liability (continued)

Superior Court of California, County of Sacramento

Reporting Date for Employer under GASBS 68	June 30, 2024	June 30, 2023
Measurement Date for Employer under GASBS 68	June 30, 2023	June 30, 2022
• Beginning Net Pension Liability	\$65,564,366	\$6,309,648
• Pension Expense excluding that Attributable to Employer-Paid Member Contributions	13,261,234	2,179,781
• Employer Contributions	(16,369,000)	(13,673,000)
• New Net Deferred Inflows/Outflows	12,523,189	52,958,383
• Change in Allocation of Prior Deferred Inflows/Outflows	124,749	1,277,586
• New Net Deferred Flows Due to Change in Proportion	2,726,129	(1,100,677)
• Recognition of Prior Deferred Inflows/Outflows	1,439,474	16,720,774
• Recognition of Prior Deferred Flows Due to Change in Proportion	<u>1,411,480</u>	<u>891,871</u>
Ending Net Pension Liability	\$80,681,621	\$65,564,366

Section 2: GASBS 68 Information

Schedule of recognition of changes in total Net Pension Liability

Increase (Decrease) in Pension Expense Arising from the Recognition of the Effects of Differences between Actual and Expected Experience on Total Pension Liability

Reporting Date for Employer Under GASBS 68 Year Ended June 30	Differences Between Actual and Expected Experience	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30: ¹						
			2023	2024	2025	2026	2027	2028	Thereafter
2019	\$18,565,823	4.88	\$3,347,935	\$0	\$0	\$0	\$0	\$0	\$0
2020	165,493,168	4.87	33,982,170	29,564,488	0	0	0	0	0
2021	54,027,341	4.81	11,232,295	11,232,295	9,098,161	0	0	0	0
2022	74,045,530	4.83	15,330,337	15,330,337	15,330,337	12,724,182	0	0	0
2023	74,494,147	4.74	15,716,064	15,716,064	15,716,064	15,716,064	11,629,891	0	0
2024	279,701,150	4.76	<u>N/A</u>	<u>58,760,746</u>	<u>58,760,746</u>	<u>58,760,746</u>	<u>58,760,746</u>	<u>44,658,166</u>	<u>0</u>
Net Increase/(Decrease) in Pension Expense			\$79,608,801	\$130,603,930	\$98,905,308	\$87,200,992	\$70,390,637	\$44,658,166	\$0

As described in *Section 2, Schedule of deferred outflows of resources and deferred inflows of resources*, the average of the expected remaining service lives of all employees that are provided with pensions through SCERS (active and inactive employees) determined as of June 30, 2022 (the beginning of the measurement period ending June 30, 2023) is 4.76 years.

¹ The amortization amounts prior to June 30, 2023 have been omitted from this Schedule. Those amounts can be found in prior years' GASBS 68 reports.

Section 2: GASBS 68 Information

Schedule of recognition of changes in total Net Pension Liability (continued)

Increase (Decrease) in Pension Expense Arising from the Recognition of the Effects of Assumption Changes

Reporting Date for Employer Under GASBS 68 Year Ended June 30	Effects of Assumption Changes	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30: ¹							
			2023	2024	2025	2026	2027	2028	Thereafter	
2019	\$0	4.88	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	0	4.87	0	0	0	0	0	0	0	0
2021	216,097,000	4.81	44,926,611	44,926,611	36,390,556	0	0	0	0	0
2022	(324,177,000)	4.83	(67,117,391)	(67,117,391)	(67,117,391)	(55,707,436)	0	0	0	0
2023	0	4.74	0	0	0	0	0	0	0	0
2024	(20,664,000)	4.76	N/A	(4,341,176)	(4,341,176)	(4,341,176)	(4,341,176)	(4,341,176)	(3,299,296)	0
Net Increase/(Decrease) in Pension Expense			\$(22,190,780)	\$(26,531,956)	\$(35,068,011)	\$(60,048,612)	\$(4,341,176)	\$(3,299,296)	\$0	\$0

¹ The amortization amounts prior to June 30, 2023 have been omitted from this Schedule. Those amounts can be found in prior years' GASBS 68 reports.

Section 2: GASBS 68 Information

Schedule of recognition of changes in total Net Pension Liability (continued)

Increase (Decrease) in Pension Expense Arising from the Recognition of
Differences between Projected and Actual Earnings on Pension Plan Investments

Reporting Date for Employer Under GASBS 68 Year Ended June 30	Differences between Projected and Actual Earnings	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30: ¹						
			2023	2024	2025	2026	2027	2028	Thereafter
2019	\$(241,230,175)	5.00	\$(48,246,035)	\$0	\$0	\$0	\$0	\$0	\$0
2020	(23,751,530)	5.00	(4,750,306)	(4,750,306)	0	0	0	0	0
2021	388,725,121	5.00	77,745,024	77,745,024	77,745,025	0	0	0	0
2022	(2,076,886,674)	5.00	(415,377,335)	(415,377,335)	(415,377,335)	(415,377,334)	0	0	0
2023	1,399,258,334	5.00	279,851,667	279,851,667	279,851,667	279,851,667	279,851,666	0	0
2024	90,837,549	5.00	N/A	18,167,510	18,167,510	18,167,510	18,167,510	18,167,509	0
Net Increase/(Decrease) in Pension Expense			\$(110,776,985)	\$(44,363,440)	\$(39,613,133)	\$(117,358,157)	\$298,019,176	\$18,167,509	\$0

¹ The amortization amounts prior to June 30, 2023 have been omitted from this Schedule. Those amounts can be found in prior years' GASBS 68 reports.

Section 2: GASBS 68 Information

Schedule of recognition of changes in total Net Pension Liability (continued)

Total Increase (Decrease) in Pension Expense

Reporting Date for Employer Under GASBS 68 Year Ended June 30	Total Differences	Reporting Date for Employer under GASBS 68 Year Ended June 30: ¹						
		2023	2024	2025	2026	2027	2028	Thereafter
2019	\$(222,664,352)	\$(44,898,100)	\$0	\$0	\$0	\$0	\$0	\$0
2020	141,741,638	29,231,864	24,814,182	0	0	0	0	0
2021	658,849,462	133,903,930	133,903,930	123,233,742	0	0	0	0
2022	(2,327,018,144)	(467,164,389)	(467,164,389)	(467,164,389)	(458,360,588)	0	0	0
2023	1,473,752,481	295,567,731	295,567,731	295,567,731	295,567,731	291,481,557	0	0
2024	349,874,699	N/A	72,587,080	72,587,080	72,587,080	72,587,080	59,526,379	0
Net Increase/(Decrease) in Pension Expense		\$(53,358,964)	\$59,708,534	\$24,224,164	\$(90,205,777)	\$364,068,637	\$59,526,379	\$0

¹ The amortization amounts prior to June 30, 2023 have been omitted from this Schedule. Those amounts can be found in prior years' GASBS 68 reports.

Section 2: GASBS 68 Information

Allocation of changes in total Net Pension Liability

In addition to the amounts shown in the preceding *Schedule of recognition of changes in Net Pension Liability*, there are changes in each employer's proportionate share of the total Net Pension Liability during the measurement period ending on June 30, 2023 as a result of change in allocation percentage (the actual contributions made by an employer as a percentage of total contributions). The net effect of the change on the employer's proportionate share of the collective Net Pension Liability and collective deferred outflows of resources and deferred inflows of resources is also recognized over the average of the expected remaining service lives of all employees shown above. These amounts are shown below. While these amounts are different for each employer, they sum to zero over the entire SCERS.

Increase (Decrease) in Pension Expense Arising from the Recognition of the Effects of the Change in Proportion for the Year Ended June 30, 2023

	Total Change to be Recognized	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30:					
			2024	2025	2026	2027	2028	2029
Carmichael Recreation and Park District	\$(4,735)	4.76	\$(995)	\$(995)	\$(995)	\$(995)	\$(755)	\$0
County of Sacramento	(4,989,873)	4.76	(1,048,292)	(1,048,292)	(1,048,292)	(1,048,292)	(796,705)	0
Elk Grove Cosumnes Cemetery District	(11,833)	4.76	(2,486)	(2,486)	(2,486)	(2,486)	(1,889)	0
Fair Oaks Cemetery District	11,325	4.76	2,379	2,379	2,379	2,379	1,809	0
Galt-Arno Cemetery District	6,380	4.76	1,340	1,340	1,340	1,340	1,020	0
Mission Oaks Recreation and Park District	(28,859)	4.76	(6,063)	(6,063)	(6,063)	(6,063)	(4,607)	0
Orangevale Recreation and Park District	421	4.76	89	89	89	89	65	0
Rio Linda Elverta Recreation and Park District	(9,728)	4.76	(2,044)	(2,044)	(2,044)	(2,044)	(1,552)	0
Sacramento Employment and Training Agency (SETA)	841,985	4.76	176,888	176,888	176,888	176,888	134,433	0
Sunrise Recreation and Park District	733,754	4.76	154,150	154,150	154,150	154,150	117,154	0
Superior Court of California, County of Sacramento	3,451,163	4.76	725,034	725,034	725,034	725,034	551,027	0
Total for all Employers	\$0		\$0	\$0	\$0	\$0	\$0	\$0

Section 2: GASBS 68 Information

Allocation of changes in total Net Pension Liability (continued)

The amounts as of June 30, 2022 are as follows:

Increase (Decrease) in Pension Expense Arising from the Recognition of the Effects of the Change in Proportion for the Year Ended June 30, 2022

	Total Change to be Recognized	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30:					
			2023	2024	2025	2026	2027	2028
Carmichael Recreation and Park District	\$(45,414)	4.74	\$(9,581)	\$(9,581)	\$(9,581)	\$(9,581)	\$(7,090)	\$0
County of Sacramento	4,861,356	4.74	1,025,603	1,025,603	1,025,603	1,025,603	758,944	0
Elk Grove Cosumnes Cemetery District	(46,717)	4.74	(9,856)	(9,856)	(9,856)	(9,856)	(7,293)	0
Fair Oaks Cemetery District	(54,941)	4.74	(11,591)	(11,591)	(11,591)	(11,591)	(8,577)	0
Galt-Arno Cemetery District	6,119	4.74	1,291	1,291	1,291	1,291	955	0
Mission Oaks Recreation and Park District	256,396	4.74	54,092	54,092	54,092	54,092	40,028	0
Orangevale Recreation and Park District	39,305	4.74	8,292	8,292	8,292	8,292	6,137	0
Rio Linda Elverta Recreation and Park District	67,458	4.74	14,232	14,232	14,232	14,232	10,530	0
Sacramento Employment and Training Agency (SETA)	(4,065,805)	4.74	(857,765)	(857,765)	(857,765)	(857,765)	(634,745)	0
Sunrise Recreation and Park District	377,219	4.74	79,582	79,582	79,582	79,582	58,891	0
Superior Court of California, County of Sacramento	(1,394,976)	4.74	(294,299)	(294,299)	(294,299)	(294,299)	(217,780)	0
Total for all Employers	\$0		\$0	\$0	\$0	\$0	\$0	\$0

Section 2: GASBS 68 Information

Allocation of changes in total Net Pension Liability (continued)

The amounts as of June 30, 2021 are as follows:

Increase (Decrease) in Pension Expense Arising from the Recognition of the Effects of the Change in Proportion for the Year Ended June 30, 2021

	Total Change to be Recognized	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30:					
			2022	2023	2024	2025	2026	2027
Carmichael Recreation and Park District	\$(228,389)	4.83	\$(47,286)	\$(47,286)	\$(47,286)	\$(47,286)	\$(39,245)	\$0
County of Sacramento	7,321,779	4.83	1,515,896	1,515,896	1,515,896	1,515,896	1,258,195	0
Elk Grove Cosumnes Cemetery District	(40,219)	4.83	(8,327)	(8,327)	(8,327)	(8,327)	(6,911)	0
Fair Oaks Cemetery District	(23,388)	4.83	(4,842)	(4,842)	(4,842)	(4,842)	(4,020)	0
Galt-Arno Cemetery District	(7,014)	4.83	(1,452)	(1,452)	(1,452)	(1,452)	(1,206)	0
Mission Oaks Recreation and Park District	(454,849)	4.83	(94,172)	(94,172)	(94,172)	(94,172)	(78,161)	0
Orangevale Recreation and Park District	3,096	4.83	641	641	641	641	532	0
Rio Linda Elverta Recreation and Park District	2,438	4.83	505	505	505	505	418	0
Sacramento Employment and Training Agency (SETA)	(1,421,510)	4.83	(294,308)	(294,308)	(294,308)	(294,308)	(244,278)	0
Sunrise Recreation and Park District	(1,067,014)	4.83	(220,914)	(220,914)	(220,914)	(220,914)	(183,358)	0
Superior Court of California, County of Sacramento	(4,084,930)	4.83	(845,741)	(845,741)	(845,741)	(845,741)	(701,966)	0
Total for all Employers	\$0		\$0	\$0	\$0	\$0	\$0	\$0

Section 2: GASBS 68 Information

Allocation of changes in total Net Pension Liability (continued)

The amounts as of June 30, 2020 are as follows:

Increase (Decrease) in Pension Expense Arising from the Recognition of the Effects of the Change in Proportion for the Year Ended June 30, 2020

	Total Change to be Recognized	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30:					
			2021	2022	2023	2024	2025	2026
Carmichael Recreation and Park District	\$(91,884)	4.81	\$(19,103)	\$(19,103)	\$(19,103)	\$(19,103)	\$(15,472)	\$0
County of Sacramento	692,789	4.81	144,032	144,032	144,032	144,032	116,661	0
Elk Grove Cosumnes Cemetery District	(48,633)	4.81	(10,111)	(10,111)	(10,111)	(10,111)	(8,189)	0
Fair Oaks Cemetery District	(53,254)	4.81	(11,072)	(11,072)	(11,072)	(11,072)	(8,966)	0
Galt-Arno Cemetery District	(6,211)	4.81	(1,291)	(1,291)	(1,291)	(1,291)	(1,047)	0
Mission Oaks Recreation and Park District	(84,950)	4.81	(17,661)	(17,661)	(17,661)	(17,661)	(14,306)	0
Orangevale Recreation and Park District	(3,427)	4.81	(712)	(712)	(712)	(712)	(579)	0
Rio Linda Elverta Recreation and Park District	(14,976)	4.81	(3,114)	(3,114)	(3,114)	(3,114)	(2,520)	0
Sacramento Employment and Training Agency (SETA)	1,472,521	4.81	306,137	306,137	306,137	306,137	247,973	0
Sunrise Recreation and Park District	(582,723)	4.81	(121,148)	(121,148)	(121,148)	(121,148)	(98,131)	0
Superior Court of California, County of Sacramento	(1,279,252)	4.81	(265,957)	(265,957)	(265,957)	(265,957)	(215,424)	0
Total for all Employers	\$0		\$0	\$0	\$0	\$0	\$0	\$0

Section 2: GASBS 68 Information

Allocation of changes in total Net Pension Liability (continued)

The amounts as of June 30, 2019 are as follows:

Increase (Decrease) in Pension Expense Arising from the Recognition of the Effects of the Change in Proportion for the Year Ended June 30, 2019

	Total Change to be Recognized	Recognition Period (Years)	Reporting Date for Employer under GASBS 68 Year Ended June 30:					
			2020	2021	2022	2023	2024	2025
Carmichael Recreation and Park District	\$19,604	4.87	\$4,025	\$4,025	\$4,025	\$4,025	\$3,504	\$0
County of Sacramento	1,446,707	4.87	297,065	297,065	297,065	297,065	258,447	0
Elk Grove Cosumnes Cemetery District	38,714	4.87	7,949	7,949	7,949	7,949	6,918	0
Fair Oaks Cemetery District	(82,931)	4.87	(17,029)	(17,029)	(17,029)	(17,029)	(14,815)	0
Galt-Arno Cemetery District	(41,747)	4.87	(8,572)	(8,572)	(8,572)	(8,572)	(7,459)	0
Mission Oaks Recreation and Park District	(268,834)	4.87	(55,202)	(55,202)	(55,202)	(55,202)	(48,026)	0
Orangevale Recreation and Park District	35,491	4.87	7,288	7,288	7,288	7,288	6,339	0
Rio Linda Elverta Recreation and Park District	3,962	4.87	813	813	813	813	710	0
Sacramento Employment and Training Agency (SETA)	(1,249,585)	4.87	(256,588)	(256,588)	(256,588)	(256,588)	(223,233)	0
Sunrise Recreation and Park District	129,302	4.87	26,551	26,551	26,551	26,551	23,098	0
Superior Court of California, County of Sacramento	(30,683)	4.87	(6,300)	(6,300)	(6,300)	(6,300)	(5,483)	0
Total for all Employers	\$0		\$0	\$0	\$0	\$0	\$0	\$0

Section 3: Actuarial Assumptions and Methods and Appendices

Actuarial Assumptions and Methods

For June 30, 2023 Measurement Date and Employer Reporting as of June 30, 2024:

Rationale for Assumptions:	The information and analysis used in selecting each assumption that has a significant effect on this actuarial valuation is shown in the July 1, 2019 through June 30, 2023 Actuarial Experience Study report dated June 13, 2023. Unless otherwise noted, all actuarial assumptions and methods shown below apply to all tiers. These assumptions were adopted by the Board.
<u>Economic Assumptions</u>	
Net Investment Return:	6.75%; net of investment expenses.
Consumer Price Index (CPI):	2.50%
Member Contribution Crediting Rate:¹	2.50% (assumed rate of inflation), compounded semi-annually.
Cost of Living Adjustment:	Miscellaneous and Safety Tier 1 benefits are assumed to increase at 2.75% per year (for Tier 1 members with a sufficient COLA bank, withdrawals from the bank can be made to increase the retiree COLA up to 4% per year). Miscellaneous Tier 3, Tier 4 and Tier 5 and Safety Tier 2, Tier 3 and Tier 4 benefits are assumed to increase at 2.00% per year. Miscellaneous Tier 2 receive no COLA increases.
Payroll Growth:	Inflation of 2.50% per year plus “across the board” real salary increases of 0.25% per year, used to amortize the Unfunded Actuarial Accrued Liability as a level percentage of payroll.
Increase in Section 7522.10 Compensation Limit:	Increase of 2.50% per year from the valuation date.

¹ Current policy is to credit the member contribution account with interest up to the current 5-year Treasury rate, if such earnings are available. However, the difference in earnings between the 5-year Treasury rate and the target crediting rate will be applied to the other valuation reserves so that the overall valuation reserve target crediting rate is maintained at 6.75%.

Section 3: Actuarial Assumptions and Methods and Appendices

Salary Increases:

The annual rate of compensation increase includes:

- Inflation at 2.50%, plus
- “Across the board” salary increases of 0.25% per year, plus
- The following merit and promotion increases:

Years of Service	Rate (%)	
	Miscellaneous	Safety
Less than 1	6.00	7.00
1 – 2	6.00	6.25
2 – 3	5.50	6.00
3 – 4	5.25	5.75
4 – 5	4.25	5.25
5 – 6	3.25	4.25
6 – 7	2.75	4.00
7 – 8	2.50	3.75
8 – 9	2.25	3.50
9 – 10	2.10	3.25
10 – 11	2.00	3.00
11 – 12	1.70	3.00
12 – 13	1.50	3.00
13 – 14	1.50	3.00
14 – 15	1.50	3.00
15 & Over	1.50	2.75

Section 3: Actuarial Assumptions and Methods and Appendices

Demographic Assumptions:

Post-Retirement Mortality Rates:

Healthy

- **Miscellaneous Members:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10% for males and increased by 5% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021.
- **Safety Members:** Pub-2010 Safety Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2021.

Disabled

- **Miscellaneous Members:** Pub-2010 Non-Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females) with rates unadjusted for males and increased by 5% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021.
- **Safety Members:** Pub-2010 Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females) with rates increased by 5% for males and unadjusted for females, projected generationally with the two-dimensional mortality improvement scale MP-2021.

Beneficiary

- **Beneficiaries not currently in Pay Status:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10% for males and increased by 5% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021.
- **Beneficiaries in Pay Status:** Pub-2010 General Contingent Survivor Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 5% for males and increased by 10% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021.

The Pub-2010 mortality tables and adjustments as shown above reasonably reflect the mortality experience as of the measurement date. These mortality tables were adjusted to future years using the generational projection to reflect future mortality improvement between the measurement date and those years.

Section 3: Actuarial Assumptions and Methods and Appendices

Pre-Retirement Mortality Rates:

- **Miscellaneous Members:** Pub-2010 General Employee Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2021.
- **Safety Members:** Pub-2010 Safety Employee Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2021.

Age	Rate (%)			
	Miscellaneous		Safety	
	Male	Female	Male	Female
20	0.04	0.01	0.04	0.01
25	0.02	0.01	0.03	0.02
30	0.03	0.01	0.04	0.02
35	0.04	0.02	0.04	0.03
40	0.06	0.03	0.05	0.04
45	0.09	0.05	0.07	0.06
50	0.13	0.08	0.10	0.08
55	0.19	0.11	0.15	0.11
60	0.28	0.17	0.23	0.14
65	0.41	0.27	0.35	0.20

Note that generational projections beyond the base year (2010) are not reflected in the above mortality rates.

Miscellaneous pre-retirement deaths are assumed to be non-duty.

For Safety, 50% of pre-retirement deaths are assumed to be non-duty and the rest are assumed to be duty.

Mortality Rates for Member Contributions:

- **Miscellaneous Members:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10% for males and increased by 5% for females, projected 30 years (from 2010) with the two-dimensional mortality improvement scale MP-2021, weighted 40% male and 60% female.
- **Safety Members:** Pub-2010 Safety Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected 30 years (from 2010) with the two-dimensional mortality improvement scale MP-2021, weighted 75% male and 25% female.

Section 3: Actuarial Assumptions and Methods and Appendices

Assumptions for Optional Form of Benefits:

- **Miscellaneous Service Retirees:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10% for males and increased by 5% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021, weighted 40% male and 60% female.
- **Safety Service Retirees:** Pub-2010 Safety Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2021, weighted 75% male and 25% female.
- **Miscellaneous Disabled Retirees:** Pub-2010 Non-Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females) with rates unadjusted for males and increased by 5% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021, weighted 40% male and 60% female.
- **Safety Disabled Retirees:** Pub-2010 Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females) with rates increased by 5% for males and unadjusted for females, projected generationally with the two-dimensional mortality improvement scale MP-2021, weighted 75% male and 25% female.
- **All Miscellaneous Beneficiaries:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10% for males and increased by 5% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021, weighted 60% male and 40% female.
- **All Safety Beneficiaries:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10% for males and increased by 5% for females, projected generationally with the two-dimensional mortality improvement scale MP-2021, weighted 25% male and 75% female.

Note that for optional form of benefits, a 6.75% per annum interest rate with a 0.00% COLA is used.

Section 3: Actuarial Assumptions and Methods and Appendices

Disability Incidence:

Age	Rate (%)	
	Miscellaneous	Safety
20	0.000	0.050
25	0.006	0.050
30	0.016	0.080
35	0.038	0.190
40	0.080	0.310
45	0.160	0.410
50	0.212	0.780
55	0.268	1.300
60	0.330	1.320
65	0.470	0.000
70	0.670	0.000

50% of Miscellaneous disabilities are assumed to be duty disabilities. The other 50% are assumed to be non-duty disabilities.

90% of Safety disabilities are assumed to be duty disabilities. The other 10% are assumed to be non-duty disabilities.

Section 3: Actuarial Assumptions and Methods and Appendices

Termination:

Years of Service	Rate (%)	
	Miscellaneous	Safety
Less than 1	13.00	4.75
1 – 2	9.50	4.00
2 – 3	7.00	4.00
3 – 4	5.75	2.50
4 – 5	5.50	2.50
5 – 6	5.50	2.50
6 – 7	5.25	2.50
7 – 8	5.00	2.25
8 – 9	4.75	1.25
9 – 10	4.50	1.00
10 – 11	4.25	1.00
11 – 12	3.50	1.00
12 – 13	3.25	1.00
13 – 14	2.75	1.00
14 – 15	2.50	1.00
15 – 16	2.00	0.75
16 – 17	2.00	0.75
17 – 18	2.00	0.75
18 – 19	2.00	0.75
19 – 20	1.75	0.75
20 – 21	1.75	0.00
21 & Over	1.50	0.00

45% of the Miscellaneous terminated members with less than five years of service and 45% of the Safety terminated members with less than five years of service are assumed to choose a refund of contributions. The other 55% and 55% of Miscellaneous and Safety terminated members with less than five years of service, respectively, are assumed to choose a deferred vested benefit.

20% of the Miscellaneous terminated members with five or more years of service and 15% of the Safety terminated members with five or more years of service are assumed to choose a refund of contributions. The other 80% and 85% of Miscellaneous and Safety terminated members with five or more years of service, respectively, are assumed to choose a deferred vested benefit.

No termination is assumed after a member is assumed to retire.

Section 3: Actuarial Assumptions and Methods and Appendices

Retirement Rates:

Age	Rate (%)					
	Miscellaneous					
	Tier 1	Tiers 2 & 3		Tier 4	Tier 5	
		Less than 30 Years of Service	30 or More Years of Service		Less than 30 Years of Service	30 or More Years of Service
50	6.00	2.50	2.50	2.50	0.00	0.00
51	4.50	2.00	2.00	2.00	0.00	0.00
52	4.50	2.00	2.00	2.00	3.50	4.00
53	4.50	2.00	2.00	2.00	1.25	2.50
54	5.50	3.50	9.00	2.50	1.50	3.00
55	12.00	4.50	12.00	3.50	1.75	3.50
56	18.00	5.50	12.00	5.00	2.00	4.00
57	18.00	7.50	15.00	6.00	4.00	6.00
58	18.00	8.00	20.00	6.00	4.50	6.50
59	20.00	8.00	25.00	6.00	4.50	6.50
60	28.00	9.00	25.00	7.50	5.00	7.00
61	35.00	15.00	30.00	12.00	8.00	11.00
62	35.00	20.00	31.00	13.00	10.00	12.00
63	35.00	18.00	25.00	12.00	9.00	11.00
64	35.00	20.00	25.00	13.00	11.00	13.00
65	35.00	30.00	30.00	25.00	22.00	24.00
66	40.00	35.00	35.00	21.00	18.00	18.00
67	40.00	30.00	30.00	21.00	18.00	18.00
68	50.00	30.00	30.00	21.00	21.00	21.00
69	60.00	30.00	30.00	23.00	23.00	23.00
70	100.00	30.00	30.00	30.00	30.00	30.00
71	100.00	30.00	30.00	30.00	30.00	30.00
72	100.00	30.00	30.00	30.00	30.00	30.00
73	100.00	30.00	30.00	30.00	30.00	30.00
74	100.00	30.00	30.00	30.00	30.00	30.00
75 & Over	100.00	100.00	100.00	100.00	100.00	100.00

These retirement rates only apply to members who are eligible to retire at the age shown.

Section 3: Actuarial Assumptions and Methods and Appendices

Retirement Rates (continued):

Age	Rate (%)			
	Safety			
	Tiers 1 & 2		Tier 3	Tier 4
	Less than 25 Years of Service	25 or More Years of Service		
45	2.50	2.50	1.50	0.00
46	3.00	3.00	1.50	0.00
47	4.50	4.50	1.50	0.00
48	7.00	10.00	1.50	0.00
49	16.00	35.00	4.00	0.00
50	25.00	50.00	10.00	15.00
51	20.00	40.00	12.00	10.50
52	22.00	45.00	14.00	12.00
53	16.00	45.00	16.00	14.00
54	18.00	35.00	18.00	15.50
55	20.00	30.00	50.00	40.00
56	20.00	30.00	25.00	25.00
57	20.00	30.00	25.00	25.00
58	20.00	35.00	25.00	25.00
59	30.00	30.00	30.00	25.00
60	45.00	45.00	45.00	45.00
61	50.00	50.00	55.00	55.00
62	70.00	70.00	70.00	70.00
63	70.00	70.00	70.00	70.00
64	70.00	70.00	70.00	70.00
65 & Over	100.00	100.00	100.00	100.00

These retirement rates only apply to members who are eligible to retire at the age shown.

Section 3: Actuarial Assumptions and Methods and Appendices

Retirement Age and Benefit for Deferred Vested Members:	<p>For current and future deferred vested members, retirement assumptions are as follows:</p> <table> <tr> <td>Miscellaneous Non-Reciprocal Retirement Age:</td> <td>59</td> </tr> <tr> <td>Miscellaneous Reciprocal Retirement Age:</td> <td>61</td> </tr> <tr> <td>Safety Non-Reciprocal Retirement Age:</td> <td>52</td> </tr> <tr> <td>Safety Reciprocal Retirement Age:</td> <td>55</td> </tr> </table> <p>Current and future deferred vested non-reciprocal members who terminate with less than five years of service and are not vested are assumed to retire at age 70 for both Miscellaneous and Safety if they decide to leave their contributions on deposit.</p> <p>We assume that 25% of future Miscellaneous and 35% of future Safety deferred vested members will continue to work for a reciprocal employer. For reciprocal members, we assume 4.25% and 5.50% compensation increases per annum for Miscellaneous and Safety members, respectively.</p>	Miscellaneous Non-Reciprocal Retirement Age:	59	Miscellaneous Reciprocal Retirement Age:	61	Safety Non-Reciprocal Retirement Age:	52	Safety Reciprocal Retirement Age:	55
Miscellaneous Non-Reciprocal Retirement Age:	59								
Miscellaneous Reciprocal Retirement Age:	61								
Safety Non-Reciprocal Retirement Age:	52								
Safety Reciprocal Retirement Age:	55								
Future Benefit Accruals:	1.0 year of service per year for the full-time employees. Continuation of current partial service accrual for part-time employees.								
Unknown Data for Members:	Same as those exhibited by members with similar known characteristics. If not specified, members are assumed to be male.								
Definition of Active Members:	All active members of SCERS as of the valuation date.								
Form of Payment:	All active and inactive members are assumed to elect the unmodified option at retirement.								
Percent Married:	For all active and inactive members, 80% of male members and 60% of female members are assumed to be married at pre-retirement death or retirement.								
Age and Gender of Spouse:	For all active and inactive members, male members are assumed to have a female spouse who is 3 years younger than the member and female members are assumed to have a male spouse who is 2 years older than the member.								
Service from Unused Sick Leave Conversion:	<p>The following assumptions for service converted from unused sick leave as a percentage of service at retirement are used:</p> <table> <thead> <tr> <th></th> <th style="text-align: center;">Service (Non-Disabled) Retirement</th> </tr> </thead> <tbody> <tr> <td>Miscellaneous</td> <td style="text-align: center;">1.50%</td> </tr> <tr> <td>Safety</td> <td style="text-align: center;">2.25%</td> </tr> </tbody> </table> <p>Pursuant to Section 31641.01, the cost of this benefit will be charged only to employers and will not affect member contribution rates.</p>		Service (Non-Disabled) Retirement	Miscellaneous	1.50%	Safety	2.25%		
	Service (Non-Disabled) Retirement								
Miscellaneous	1.50%								
Safety	2.25%								

Section 3: Actuarial Assumptions and Methods and Appendices

Actuarial Methods	
Actuarial Cost Method:	Entry Age Actuarial Cost Method. Entry Age is calculated as age on the valuation date minus years of service. Normal Cost and Actuarial Accrued Liability are calculated on an individual basis and are based on costs allocated as a level percentage of compensation.
Expected Remaining Service Lives:	<p>The average of the expected service lives of all employees is determined by:</p> <ul style="list-style-type: none"> • Calculating each active employee's expected remaining service life as the present value of \$1 per year of future service at zero percent interest • Setting the remaining service life to zero for each nonactive or retired member. <p>Dividing the sum of the above amounts by the total number of active employee, nonactive and retired members.</p>
Change in Actuarial Assumptions and Methods:	Based on the Actuarial Experience Study, the following assumptions were changed. Previously, these assumptions and methods were as follows:
<i>Member Contribution Crediting Rate:</i> ¹	2.75% (assumed rate of inflation), compounded semi-annually.
<i>Payroll Growth:</i>	Inflation of 2.75% per year plus "across the board" salary increases of 0.25% per year, used to amortize the Unfunded Actuarial Accrued Liability as a level percentage of payroll.
<i>Increase in Section 7522.10 Compensation Limit:</i>	Increase of 2.75% per year from the valuation date.

¹ Current policy is to credit the member contribution account with interest up to the current 5-year Treasury rate, if such earnings are available. However, the difference in earnings between the 5-year Treasury rate and the target crediting rate will be applied to the other valuation reserves so that the overall valuation reserve target crediting rate is maintained at 6.75%.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Salary Increases:

The annual rate of compensation increase includes: inflation at 2.75%, plus “across the board” salary increases of 0.25% per year, plus the following merit and promotion increases:

Years of Service	Merit and Promotion Increases	
	Rate (%)	
	Miscellaneous	Safety
Less than 1	5.00	7.50
1 – 2	5.00	6.50
2 – 3	5.00	6.25
3 – 4	5.00	5.50
4 – 5	4.00	5.00
5 – 6	3.00	4.25
6 – 7	2.50	4.00
7 – 8	2.25	3.50
8 – 9	2.00	3.25
9 – 10	1.80	3.00
10 – 11	1.70	2.50
11 – 12	1.60	2.50
12 – 13	1.50	2.50
13 – 14	1.45	2.50
14 – 15	1.35	2.50
15 & Over	1.25	2.50

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Post-Retirement Mortality Rates:

Healthy

- **Miscellaneous Members:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10%, projected generationally with the two-dimensional mortality improvement scale MP-2019.
- **Safety Members:** Pub-2010 Safety Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates decreased by 5% for males, projected generationally with the two-dimensional mortality improvement scale MP-2019.

Disabled

- **Miscellaneous Members:** Pub-2010 Non-Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019.
- **Safety Members:** Pub-2010 Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019.

Beneficiaries

- Pub-2010 Contingent Survivor Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019.

The Pub-2010 mortality tables and adjustments as shown above reasonably reflect the mortality experience as of the measurement date. The generational projection is a provision for future mortality improvement.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Pre-Retirement Mortality Rates:

- **Miscellaneous Members:** Pub-2010 General Employee Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019.
- **Safety Members:** Pub-2010 Safety Employee Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019

Age	Rate (%)			
	Miscellaneous		Safety	
	Male	Female	Male	Female
20	0.04	0.01	0.04	0.01
25	0.02	0.01	0.03	0.02
30	0.03	0.01	0.04	0.02
35	0.04	0.02	0.04	0.03
40	0.06	0.03	0.05	0.04
45	0.09	0.05	0.07	0.06
50	0.13	0.08	0.10	0.08
55	0.19	0.11	0.15	0.11
60	0.28	0.17	0.23	0.14
65	0.41	0.27	0.35	0.20

Note that generational projections beyond the base year (2010) are not reflected in the above mortality rates. Miscellaneous pre-retirement deaths are assumed to be non-duty.

For Safety, 50% of pre-retirement deaths are assumed to be non-duty and the rest are assumed to be duty.

Mortality Rates for Member Contributions:

- **Miscellaneous Members:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10%, projected 30 years (from 2010) with the two-dimensional mortality improvement scale MP-2019, weighted 40% male and 60% female.
- **Safety Members:** Pub-2010 Safety Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates decreased by 5% for males, projected 30 years (from 2010) with the two-dimensional mortality improvement scale MP-2019, weighted 75% male and 25% female.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Assumptions for Optional Form of Benefits:

- **Miscellaneous Service Retirees:** Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates increased by 10%, projected generationally with the two-dimensional mortality improvement scale MP-2019 weighted 40% male and 60% female.
- **Safety Service Retirees:** Pub-2010 Safety Healthy Retiree Amount-Weighted Above-Median Mortality Table (separate tables for males and females) with rates decreased by 5% for males, projected generationally with the two-dimensional mortality improvement scale MP-2019 weighted 75% male and 25% female.
- **Miscellaneous Disabled Retirees:** Pub-2010 Non-Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019 weighted 40% male and 60% female.
- **Safety Disabled Retirees:** Pub-2010 Safety Disabled Retiree Amount-Weighted Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019 weighted 75% male and 25% female.
- **All Miscellaneous Beneficiaries:** Pub-2010 Contingent Survivor Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019 weighted 60% male and 40% female.
- **All Safety Beneficiaries:** Pub-2010 Contingent Survivor Amount-Weighted Above-Median Mortality Table (separate tables for males and females), projected generationally with the two-dimensional mortality improvement scale MP-2019 weighted 25% male and 75% female.

Note that for optional form of benefits, a 6.75% per annum interest rate with a 0.00% COLA is used.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Disability Incidence:

Age	Rate (%)	
	Miscellaneous	Safety
20	0.000	0.050
25	0.006	0.050
30	0.016	0.080
35	0.044	0.220
40	0.084	0.360
45	0.160	0.460
50	0.230	0.680
55	0.310	0.920
60	0.410	1.120
65	0.630	0.000

40% of Miscellaneous disabilities are assumed to be duty disabilities. The other 60% are assumed to be non-duty disabilities.

90% of Safety disabilities are assumed to be duty disabilities. The other 10% are assumed to be non-duty disabilities.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Termination:

Less Than Five Years of Service

Years of Service	Rate (%)	
	Miscellaneous	Safety
Less than 1	13.00	5.00
1 – 2	8.00	4.50
2 – 3	6.50	4.00
3 – 4	5.50	2.50
4 – 5	5.25	2.50

55% of the Miscellaneous terminated members and 50% of the Safety terminated members with less than five years of service are assumed to choose a refund of contributions. The other 45% and 50% of Miscellaneous and Safety terminated members, respectively, are assumed to choose a deferred vested benefit.

Five or More Years of Service

Age	Rate (%)	
	Miscellaneous	Safety
20	5.25	2.00
25	5.25	2.00
30	5.10	2.00
35	4.40	1.55
40	3.40	1.10
45	2.70	1.00
50	2.44	1.00
55	2.34	1.00
60	2.24	1.00
65	1.48	0.00

30% of the Miscellaneous terminated members and 15% of the Safety terminated members with 5 or more years of service are assumed to choose a refund of contributions. The other 70% and 85% of Miscellaneous and Safety terminated members are assumed to choose a deferred vested benefit.

No termination is assumed after a member is assumed to retire.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Retirement Rates:

Age	Rate (%)				
	Miscellaneous Tier 1	Miscellaneous Tiers 2 & 3		Miscellaneous Tier 4	Miscellaneous Tier 5
		Less Than 30 Years of Service	30 or More Years of Service		
50	6.00	2.50	2.50	2.50	0.00
51	4.50	1.75	1.75	1.75	0.00
52	4.50	2.00	2.00	2.00	4.00
53	4.50	2.50	2.50	1.75	1.25
54	5.50	3.00	3.00	2.25	1.75
55	12.00	4.00	8.00	3.00	2.50
56	18.00	5.00	10.00	4.50	4.00
57	18.00	8.00	16.00	6.50	6.00
58	18.00	9.00	18.00	7.00	6.50
59	20.00	9.00	18.00	7.00	6.50
60	28.00	9.00	18.00	7.50	7.00
61	35.00	15.00	30.00	12.00	11.00
62	35.00	18.00	18.00	13.00	12.00
63	35.00	18.00	18.00	12.00	11.00
64	35.00	20.00	20.00	13.00	13.00
65	35.00	35.00	35.00	25.00	24.00
66	40.00	35.00	35.00	18.00	18.00
67	40.00	35.00	35.00	18.00	18.00
68	50.00	35.00	35.00	21.00	21.00
69	60.00	35.00	35.00	23.00	23.00
70 & Over	100.00	100.00	100.00	100.00	100.00

These retirement rates only apply to members who are eligible to retire at the age shown.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):

Retirement Rates (continued):

Age	Rate (%)			
	Safety Tiers 1 & 2		Safety Tier 3	Safety Tier 4
	Less Than 25 Years of Service	25 or More Years of Service		
45	2.50	2.50	1.50	0.00
46	2.50	2.50	1.50	0.00
47	2.50	2.50	1.50	0.00
48	2.50	2.50	1.50	0.00
49	10.00	10.00	4.00	0.00
50	18.00	36.00	10.00	15.00
51	15.00	30.00	12.00	10.50
52	18.00	36.00	14.00	12.00
53	16.00	32.00	16.00	14.00
54	18.00	27.00	18.00	15.50
55	18.00	27.00	50.00	40.00
56	20.00	30.00	25.00	25.00
57	20.00	30.00	25.00	25.00
58	20.00	30.00	25.00	25.00
59	30.00	30.00	30.00	25.00
60	45.00	45.00	45.00	45.00
61	55.00	55.00	55.00	55.00
62	70.00	70.00	70.00	70.00
63	70.00	70.00	70.00	70.00
64	70.00	70.00	70.00	70.00
65 & Over	100.00	100.00	100.00	100.00

These retirement rates only apply to members who are eligible to retire at the age shown.

Retirement Age and Benefit for Deferred Vested Members:

Miscellaneous Retirement Age: 59

Safety Retirement Age: 52

Current and future deferred vested non-reciprocal members who terminate with less than five years of service and are not vested are assumed to retire at age 70 for both Miscellaneous and Safety if they decide to leave their contributions on deposit.

30% of future Miscellaneous and 40% of future Safety deferred vested members are assumed to continue to work for a reciprocal employer. For reciprocals, 4.25% and 5.50% compensation increases are assumed per annum for Miscellaneous and Safety, respectively.

Section 3: Actuarial Assumptions and Methods and Appendices

Prior Actuarial Assumptions (continued):											
<i>Percent Married:</i>	For all active and inactive members, 80% of male members and 55% of female members are assumed to be married at pre-retirement death or retirement.										
<i>Service from Unused Sick Leave Conversion:</i>	<p>The following assumptions for service converted from unused sick leave as a percentage of service at retirement are used:</p> <table border="1"> <thead> <tr> <th></th> <th style="text-align: center;">Service Retirement</th> <th style="text-align: center;">Disability Retirement</th> </tr> </thead> <tbody> <tr> <td>Miscellaneous</td> <td style="text-align: center;">1.50%</td> <td style="text-align: center;">0.25%</td> </tr> <tr> <td>Safety</td> <td style="text-align: center;">2.25%</td> <td style="text-align: center;">0.25%</td> </tr> </tbody> </table> <p>Pursuant to Section 31641.01, the cost of this benefit will be charged only to employers and will not affect member contribution rates.</p>			Service Retirement	Disability Retirement	Miscellaneous	1.50%	0.25%	Safety	2.25%	0.25%
	Service Retirement	Disability Retirement									
Miscellaneous	1.50%	0.25%									
Safety	2.25%	0.25%									

Section 3: Actuarial Assumptions and Methods and Appendices

Appendix A: Projection of Plan Fiduciary Net Position for use in the Calculation of Discount Rate as of June 30, 2023 (\$ in millions)

Year Beginning June 30	Projected Beginning Plan Fiduciary Net Position (a)	Projected Total Contributions (b)	Projected Benefit Payments (c)	Projected Administrative Expenses (d)	Projected Investment Earnings (e)	Projected Beginning Plan Fiduciary Net Position (f) = (a) + (b) – (c) – (d) + (e)
2023	\$12,363	\$497	\$740	\$12	\$823	\$12,932
2024	12,932	492	767	12	861	13,505
2025	13,505	490	806	13	898	14,074
2026	14,074	488	844	13	935	14,639
2027	14,639	482	884	14	971	15,195
2028	15,195	497	923	14	1,008	15,763
2029	15,763	497	963	15	1,044	16,326
2030	16,326	496	1,003	15	1,081	16,884
2031	16,884	495	1,044	16	1,117	17,436
2032	17,436	494	1,084	16	1,153	17,983
2048	20,885	102	1,503	20	1,357	20,822
2049	20,822	94	1,515	19	1,352	20,733
2050	20,733	88	1,526	19	1,345	20,621
2051	20,621	83	1,534	19	1,337	20,488
2052	20,488	78	1,541	19	1,328	20,334
2107	91,642	87*	3	86	6,186	97,825
2108	97,825	92*	2	91	6,603	104,426
2109	104,426	98*	2	98	7,049	111,474
2110	111,474	105*	1	104	7,524	118,998
2111	118,998	112*	1	111	8,032	127,030
2136	609,162	569*	0**	569	41,118	650,281
2137	650,281					
2137 Discounted Value	379***					

* Mainly attributable to employer contributions to fund each year's annual administrative expenses.

** Less than \$1 million when rounded.

*** \$650,281 million when discounted with interest at the rate of 6.75% per annum has a value of \$379 million (or 3.07% of the Plan Fiduciary Net Position) as of June 30, 2023.

Section 3: Actuarial Assumptions and Methods and Appendices

Notes:

1. Amounts may not total exactly due to rounding.
2. Various years have been omitted from this table.
3. **Column (a):** Except for the "discounted value" shown for 2137, none of the projected beginning Plan Fiduciary Net Position amounts shown have been adjusted for the time value of money.
4. **Column (b):** Projected total contributions include employee and employer Normal Cost contributions based on closed group projections (based on covered active members as of June 30, 2023), plus employer contributions to the Unfunded Actuarial Accrued Liability, based on the Plan's funding policy. Contributions are assumed to occur halfway through the year, on average.
5. **Column (c):** Projected benefit payments have been determined in accordance with paragraph 39 of GASB Statement No. 67, and are based on the closed group of active, inactive vested, retired members, and beneficiaries as of June 30, 2023. The projected benefit payments reflect the cost of living increase assumptions used in the June 30, 2023 valuation report.
6. **Column (d):** Projected administrative expenses are calculated as approximately 0.09% of the projected beginning Plan Fiduciary Net Position amount. The 0.09% proportion was based on the actual fiscal year 2022/2023 administrative expenses (excluding a one-time impairment amount of \$17.1 million associated with termination of pension administration services provided by an outside vendor) as a percentage of the beginning Plan Fiduciary Net Position amount as of July 1, 2022. Administrative expenses are assumed to occur halfway through the year, on average.
7. **Column (e):** Projected investment earnings are based on the assumed investment rate of return of 6.75% per annum.
8. As illustrated in this Appendix, the Plan Fiduciary Net Position was projected to be available to make all projected future benefit payments for current Plan members. In other words, there is no projected "cross-over date" when projected benefits are not covered by projected assets. Therefore, the long-term expected rate of return on Plan investments of 6.75% per annum was applied to all periods of projected benefit payments to determine the Total Pension Liability as of June 30, 2023 shown earlier in this report, pursuant to paragraph 44 of GASB Statement No. 67.
9. This projection is based on a model developed by our Actuarial Technology and Systems unit, comprised of both actuaries and programmers. The model allows the client team, under the supervision of the responsible actuary, control over the entry of future expected contribution income, benefit payments and administrative expenses. The projection of fiduciary net position and the discounting of benefits is part of the model.

Section 3: Actuarial Assumptions and Methods and Appendices

Appendix B: Definition of Terms

Definitions of certain terms as they are used in Statement 68. The terms may have different meanings in other contexts.

Active Employees	Individuals employed at the end of the reporting or measurement period, as applicable.
Actual Contributions	Cash contributions recognized as additions to a Pension Plan Fiduciary Net Position.
Actuarial Present Value of Projected Benefit Payments:	Projected benefit payments discounted to reflect the expected effects of the time value (present value) of money and the probabilities of payment.
Actuarial Valuation:	The determination, as of a point in time (the actuarial valuation date), of the service cost, Total Pension Liability, and related actuarial present value of projected benefit payments for pensions performed in conformity with Actuarial Standards of Practice unless otherwise specified by the GASB.
Actuarial Valuation Date:	The date as of which an actuarial valuation is performed.
Actuarially Determined Contribution:	A target or recommended contribution to a defined benefit pension plan for the reporting period, determined in conformity with Actuarial Standards of Practice based on the most recent measurement available when the contribution for the reporting period was adopted.
Ad Hoc Cost-of-Living Adjustments (Ad Hoc COLAs):	Cost-of-living adjustments that require a decision to grant by the authority responsible for making such decisions.
Ad Hoc Postemployment Benefit Changes:	Postemployment benefit changes that require a decision to grant by the authority responsible for making such decisions.
Automatic Cost-of-Living Adjustments (Automatic COLAs):	Cost-of-living adjustments that occur without a requirement for a decision to grant by a responsible authority, including those for which the amounts are determined by reference to a specified experience factor (such as the earnings experience of the pension plan) or to another variable (such as an increase in the consumer price index).
Automatic Postemployment Benefit Changes:	Postemployment benefit changes that occur without a requirement for a decision to grant by a responsible authority, including those for which the amounts are determined by reference to a specified experience factor (such as the earnings experience of the pension plan) or to another variable (such as an increase in the consumer price index).
Closed Period	A specific number of years that is counted from one date and declines to zero with the passage of time. For example, if the recognition period initially is five years on a closed basis, four years remain after the first year, three years after the second year, and so forth.
Collective Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions	Deferred outflows of resources and deferred inflows of resources related to pensions arising from certain changes in the collective Net Pension Liability.

Section 3: Actuarial Assumptions and Methods and Appendices

Collective Net Pension Liability	The Net Pension Liability for benefits provided through (1) a cost-sharing pension plan or (2) a single-employer or agent pension plan in circumstances in which there is a special funding situation.
Collective Pension Expense	Pension expense arising from certain changes in the collective Net Pension Liability.
Contributions	Additions to a Pension Plan Fiduciary Net Position for amounts from employers, non-employer contributing entities (for example, state government contributions to a local government pension plan), or employees. Contributions can result from cash receipts by the pension plan or from recognition by the pension plan of a receivable from one of these sources.
Cost-of-Living Adjustments:	Postemployment benefit changes intended to adjust benefit payments for the effects of inflation.
Cost-Sharing Employer	An employer whose employees are provided with pensions through a cost-sharing multiple-employer defined benefit pension plan.
Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Cost-Sharing Pension Plan):	A multiple-employer defined benefit pension plan in which the pension obligations to the employees of more than one employer are pooled and pension plan assets can be used to pay the benefits of the employees of any employer that provides pensions through the pension plan.
Covered Payroll:	Payroll on which contributions to the pension plan are based.
Defined Benefit Pension Plans:	Pension plans that are used to provide defined benefit pensions.
Defined Benefit Pensions:	Pensions for which the income or other benefits that the employee will receive at or after separation from employment are defined by the benefit terms. The pensions may be stated as a specified dollar amount or as an amount that is calculated based on one or more factors such as age, years of service, and compensation. (A pension that does not meet the criteria of a defined contribution pension is classified as a defined benefit pension for purposes of Statement 68.)
Defined Contribution Pension Plans:	Pension plans that are used to provide defined contribution pensions.
Defined Contribution Pensions:	Pensions having terms that (1) provide an individual account for each employee; (2) define the contributions that an employer is required to make (or the credits that it is required to provide) to an active employee's account for periods in which that employee renders service; and (3) provide that the pensions an employee will receive will depend only on the contributions (or credits) to the employee's account, actual earnings on investments of those contributions (or credits), and the effects of forfeitures of contributions (or credits) made for other employees, as well as pension plan administrative costs, that are allocated to the employee's account.

Section 3: Actuarial Assumptions and Methods and Appendices

Discount Rate:	<p>The 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 total of the following:</p> <ol style="list-style-type: none"> 1. The actuarial present value of benefit payments projected to be made in future periods in which (a) the amount of the pension Plan Fiduciary Net Position is projected (under the requirements of Statement 68) to be greater than the benefit payments that are projected to be made in that period and (b) pension plan assets up to that point are expected to be invested using a strategy to achieve the long-term expected rate of return, calculated using the long-term expected rate of return on pension plan investments. 2. The actuarial present value of projected benefit payments not included in (1), calculated using the municipal bond rate.
Entry Age Actuarial Cost Method:	<p>A method under which the actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis over the earnings or service of the individual between entry age and assumed exit age(s). The portion of this actuarial present value allocated to a valuation year is called the normal cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is called the actuarial accrued liability.</p>
Inactive Employees:	<p>Terminated individuals that have accumulated benefits but are not yet receiving them, and retirees or their beneficiaries currently receiving benefits.</p>
Measurement Period	<p>The period between the prior and the current measurement dates.</p>
Multiple-Employer Defined Benefit Pension Plan:	<p>A defined benefit pension plan that is used to provide pensions to the employees of more than one employer.</p>
Net Pension Liability (NPL):	<p>The liability of employers and non-employer contributing entities to employees for benefits provided through a defined benefit pension plan.</p>
Other Postemployment Benefits:	<p>All postemployment benefits other than retirement income (such as death benefits, life insurance, disability, and long-term care) that are provided separately from a pension plan, as well as postemployment healthcare benefits, regardless of the manner in which they are provided. Other postemployment benefits do not include termination benefits.</p>
Pension Plans:	<p>Arrangements through which pensions are determined, assets dedicated for pensions are accumulated and managed and benefits are paid as they come due.</p>
Pensions:	<p>Retirement income and, if provided through a pension plan, postemployment benefits other than retirement income (such as death benefits, life insurance, and disability benefits). Pensions do not include postemployment healthcare benefits and termination benefits.</p>
Plan Members:	<p>Individuals that are covered under the terms of a pension plan. Plan members generally include (1) employees in active service (active plan members) and (2) terminated employees who have accumulated benefits but are not yet receiving them and retirees or their beneficiaries currently receiving benefits (inactive plan members).</p>

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Postemployment:	The period after employment.
Postemployment Benefit Changes:	Adjustments to the pension of an inactive employee.
Postemployment Healthcare Benefits:	Medical, dental, vision, and other health-related benefits paid subsequent to the termination of employment.
Projected Benefit Payments:	All benefits estimated to be payable through the pension plan to current active and inactive employees as a result of their past service and their expected future service.
Public Employee Retirement System:	A special-purpose government that administers one or more pension plans; also may administer other types of employee benefit plans, including postemployment healthcare plans and deferred compensation plans.
Real Rate of Return:	The rate of return on an investment after adjustment to eliminate inflation.
Service Costs:	The portions of the actuarial present value of projected benefit payments that are attributed to valuation years.
Single Employer	An employer whose employees are provided with pensions through a single-employer defined benefit pension plan.
Single-Employer Defined Benefit Pension Plan (Single-Employer Pension Plan):	A defined benefit pension plan that is used to provide pensions to employees of only one employer.
Termination Benefits:	Inducements offered by employers to active employees to hasten the termination of services, or payments made in consequence of the early termination of services. Termination benefits include early-retirement incentives, severance benefits, and other termination-related benefits.
Total Pension Liability (TPL):	The portion of the actuarial present value of projected benefit payments that is attributed to past periods of employee service in conformity with the requirements of Statement 68.

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