

Via Email

May 23, 2025

Ms. Lisa Johnson
Assistant Chief Executive Officer
Alameda County Employees' Retirement Association
475 14th Street, Suite 1000
Oakland, CA 94612-1900

**Re: Alameda County Employees' Retirement Association (ACERA)
Addendum to the Governmental Accounting Standards Board (GASB) Statement 67
Actuarial Valuation as of December 31, 2024**

Dear Lisa:

In our Governmental Accounting Standards Board Statement No. 67 (GASB 67) report dated May 23, 2025, we provided the Net Pension Liabilities (NPL) and other elements that are required for completing the Plan's financial reporting requirements under GASB 67. In this letter, we have provided as an addendum to that report two additional schedules that the American Institute of Certified Public Accountants (AICPA) State and Local Government Expert Panel recommends be prepared by the Retirement Association's actuary (Segal). This addendum is for use in allocating the NPL and pension expense by employer before we prepare the full companion report for the employer's financial reporting for ACERA under Governmental Accounting Standards Board Statement No. 68 (GASB 68).

These two schedules have been developed based on the assumptions, methods and results shown in our earlier report dated May 23, 2025. Exhibits A1 and A2 detail the method used for allocating the NPL and they provide the NPL amounts allocated to the seven employers at ACERA as of December 31, 2023 and December 31, 2024, respectively.

Special note related to allocation of NPL for the non-OPEB SRBR

The Alameda County Office of Education (ACOE) made a lump sum contribution of \$750,000 in 2019 to partially pay off their unfunded actuarial accrued liability (UAAL). That lump sum is greater than the amount that ACOE would have to make on an installment basis over 20 years. In order to have a more level allocation of the NPL to ACOE, ACERA approved an approach outlined in our March 2, 2020 letter to determine ACOE's proportionate share of the non-OPEB SRBR NPL by using ACOE's required contributions determined as if they had not made the additional lump sum contribution in 2019. We have continued to use that method in determining ACOE's proportionate share of the non-OPEB SRBR NPL in this letter.

The County made voluntary County Safety contributions of \$800 million on around June 29, 2021 to reduce their Safety UAAL and associated contribution rates. The Livermore Area Recreation and Park District (LARPD) also made voluntary LARPD General contributions of \$12.611 million on around June 29, 2021 to reduce their General UAAL and associated contribution rates. We have amortized the voluntary County Safety UAAL contributions over 13 years effective FY 21-22 to provide a UAAL contribution rate credit for County Safety and the voluntary LARPD General UAAL contributions over 16 years effective FY 21-22 to provide a UAAL contribution rate credit for LARPD General. Similar to the approach approved by ACERA as described in the previous paragraph for determining ACOE's proportionate share of the non-OPEB SRBR NPL, we have determined the County Safety and LARPD's proportionate share of the non-OPEB SRBR NPL by using the County Safety and LARPD's required contributions, respectively, as if they had not made the voluntary UAAL contributions in 2021.

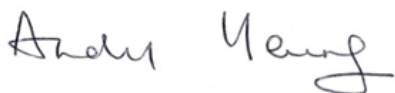
Exhibit B summarizes the allocated NPL, deferred outflows and inflows of resources and pension expense by the seven employers. Additional information required under GASB 68 that each of the employers will need to disclose will be provided later in our separate GASB 68 report.

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These calculations were performed under the supervision of Eva Yum, FSA, MAAA, Enrolled Actuary. The undersigned are members of the American Academy of Actuaries and meet the Qualification Standard of the American Academy of Actuaries to render the actuarial opinion herein.

Please let us know if you have any questions.

Sincerely,



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



Eva Yum, FSA, MAAA, EA
Vice President and Actuary

ST/jl

Attachments

Schedule of employer allocations as of December 31, 2023

Actual Employer Contributions by Employer and Membership Class
January 1, 2023 to December 31, 2023

Employer	General Excluding ACOE and LARP Contribution	General Excluding ACOE and LARP Percentage ¹	General ACOE Only Contribution	General ACOE Only Percentage	General LARP Only Contribution	General LARP Only Percentage	General Combined Contribution	General Combined Percentage
Alameda County	\$153,656,002	63.930%	\$0	0.000%	\$0	0.000%	\$153,656,002	63.781%
Health System	68,496,541	28.498%	0	0.000%	0	0.000%	68,496,541	28.432%
Superior Court	14,051,632	5.846%	0	0.000%	0	0.000%	14,051,632	5.833%
First 5	2,408,479	1.002%	0	0.000%	0	0.000%	2,408,479	1.000%
Housing Authority	1,741,120	0.724%	0	0.000%	0	0.000%	1,741,120	0.723%
LARP	0	0.000%	0	0.000%	454,796	100.000%	454,796	0.189%
ACOE	0	0.000%	101,000	100.000%	0	0.000%	101,000	0.042%
Total All Employers	\$240,353,774	100.000%	\$101,000	100.000%	\$454,796	100.000%	\$240,909,570	100.000%

Employer	Safety Contribution	Safety Percentage	Total Contribution	Total Percentage	Adjusted Total Contribution	Adjusted Total ^{2,3,4} Percentage ¹
Alameda County	\$47,730,468	100.000%	\$201,386,470	69.771%	\$283,753,532 ²	76.256%
Health System	0	0.000%	68,496,541	23.731%	68,496,541	18.407%
Superior Court	0	0.000%	14,051,632	4.868%	14,051,632	3.776%
First 5	0	0.000%	2,408,479	0.834%	2,408,479	0.647%
Housing Authority	0	0.000%	1,741,120	0.603%	1,741,120	0.468%
LARP	0	0.000%	454,796	0.158%	1,500,857 ³	0.403%
ACOE	0	0.000%	101,000	0.035%	160,854 ⁴	0.043%
Total All Employers	\$47,730,468	100.000%	\$288,640,038	100.000%	\$372,113,015	100.000%

Notes for Exhibit A1, Employer Contributions

1. The unrounded percentages are used in the allocation of the NPL amongst the employers.
2. This includes \$153,656,002 of County General actual employer contributions and \$130,097,530 of County Safety adjusted employer contributions used for purposes of determining the proportionate share of the non-OPEB SRBR NPL for the County. The County made voluntary County Safety contributions of \$800,000,000 on around June 29, 2021 to reduce their Safety UAAL and associated contribution rates. We have amortized the voluntary County Safety UAAL contributions to provide a UAAL contribution rate credit for County Safety over 13 years effective FY 21-22. Similar to the approach approved by ACERA for ACOE to determine ACOE's proportionate share of the non-OPEB SRBR NPL, we determined the County Safety's proportionate share of the non-OPEB SRBR NPL by using the County Safety's actual contributions made in 2023 in the amount of \$47,730,468 plus the contribution credit applied in 2023 in the amount of \$82,367,062 for a total adjusted County Safety contribution of \$130,097,530.
3. LARPD made voluntary LARPD General contributions of \$12,611,250 on around June 29, 2021 to reduce their General UAAL and associated contribution rates. We have amortized the voluntary LARPD General UAAL contributions to provide a UAAL contribution rate credit for LARPD General over 16 years effective FY 21-22. Similar to the approach approved by ACERA for ACOE to determine ACOE's proportionate share of the non-OPEB SRBR NPL, we determined LARPD's proportionate share of the non-OPEB SRBR NPL by using LARPD's actual contributions made in 2023 in the amount of \$454,796 plus the contribution credit applied in 2023 in the amount of \$1,046,061 for a total adjusted LARPD contribution of \$1,500,857.
4. ACOE made a lump sum contribution of \$750,000 in 2019 to partially pay off their UAAL. That lump sum is greater than the amount that ACOE would have to make on an installment basis over 20 years. In order to have a more level allocation of the NPL to ACOE, ACERA approved an approach outlined in our March 2, 2020 letter to determine ACOE's proportionate share of the non-OPEB SRBR NPL by using ACOE's required contributions determined in our December 31, 2021 valuation in the amount of \$101,000 based on an April 1, 2023 payment date plus the amortization of the remaining balance of the original \$750,000 lump sum amount (an amount of \$59,854 which represents the additional UAAL contribution ACOE would have been required to pay had they not made the additional lump sum contribution in 2019).

Part 1: Excluding Non-OPEB SRBR

Allocation of Net Pension Liability (NPL) as of December 31, 2023

Employer	General Excluding ACOE and LARP NPL	General Excluding ACOE and LARP Percentage ¹	General ACOE Only NPL	General ACOE Only Percentage ¹	General LARP Only NPL	General LARP Only Percentage ¹
Alameda County	\$917,374,067	63.930%	\$0	0.000%	\$0	0.000%
Health System	408,945,629	28.498%	0	0.000%	0	0.000%
Superior Court	83,892,608	5.846%	0	0.000%	0	0.000%
First 5	14,379,368	1.002%	0	0.000%	0	0.000%
Housing Authority	10,395,027	0.724%	0	0.000%	0	0.000%
LARP	0	0.000%	0	0.000%	919,733	100.000%
ACOE	0	0.000%	1,173,711	100.000%	0	0.000%
Total All Employers	\$1,434,986,699	100.000%	\$1,173,711	100.000%	\$919,733	100.000%

Employer	General Combined NPL	General Combined Percentage	Safety NPL	Safety Percentage ¹	Total General and Safety NPL	Total General and Safety Percentage
Alameda County	\$917,374,067	63.835%	\$214,496,861	100.000%	\$1,131,870,928	68.532%
Health System	408,945,629	28.457%	0	0.000%	408,945,629	24.761%
Superior Court	83,892,608	5.838%	0	0.000%	83,892,608	5.080%
First 5	14,379,368	1.001%	0	0.000%	14,379,368	0.871%
Housing Authority	10,395,027	0.723%	0	0.000%	10,395,027	0.629%
LARP	919,733	0.064%	0	0.000%	919,733	0.056%
ACOE	1,173,711	0.082%	0	0.000%	1,173,711	0.071%
Total All Employers	\$1,437,080,143	100.000%	\$214,496,861	100.000%	\$1,651,577,004	100.000%

Part 2: Including Non-OPEB SRBR

Allocation of Net Pension Liability (NPL) as of December 31, 2023

Employer	General and Safety Non-OPEB SRBR Only NPL	General and Safety Non-OPEB SRBR Only Percentage ²	Total NPL	Total Percentage
Alameda County	\$69,516,199	76.256%	\$1,201,387,127	68.936%
Health System	16,780,828	18.407%	425,726,457	24.429%
Superior Court	3,442,481	3.776%	87,335,089	5.011%
First 5	590,048	0.647%	14,969,416	0.859%
Housing Authority	426,553	0.468%	10,821,580	0.621%
LARPD	367,692	0.403%	1,287,425	0.074%
ACOE	39,407	0.043%	1,213,118	0.070%
Total All Employers	\$91,163,208	100.000%	\$1,742,740,212	100.000%

Notes for Exhibit A1, NPL, Parts 1 and 2

1. Allocated based on the actual employer contributions within each membership class.
2. Allocated based on the actual employer contributions in total, with an adjustment to reflect the total annual UAAL contribution ACOE would have been required to make of \$160,854 in 2023 had they not made the additional contribution in 2019 to partially pay off their UAAL. This approach is outlined in our March 2, 2020 letter and is approved by ACERA. Following this approach, there is an adjustment to reflect the total annual contribution County Safety would have been required to make of \$130,097,530 in 2023 had they not made the voluntary County Safety UAAL contribution in 2021. There is also an adjustment to reflect the total annual contribution LARPD would have been required to make of \$1,500,857 in 2023 had they not made the voluntary LARPD General UAAL contribution in 2021.

Additional Notes for Exhibit A1

Pension (excluding non-OPEB SRBR)

The Net Pension Liability (NPL) for each membership class is the Total Pension Liability (TPL) minus the Plan Fiduciary Net Position (FNP). The TPL for each membership class is obtained from internal valuation results.

As of December 31, 2023, the total Plan FNP for Pension (excluding non-OPEB SRBR) is \$233.2 million lower than the valuation value of assets as of the same date, due to the inclusion of deferred market losses and the balance of the Contingency Reserve. The Plan FNP for Pension for each membership class is obtained as follows:

- The deferred market gains and losses accumulated up to June 30, 2021 are allocated to each membership class proportionately based on the valuation value of assets for each membership class relative to the total valuation value of assets for all membership classes, both excluding the valuation value of assets for the County Safety UAAL Advance Reserve and the LARPD General UAAL Advance Reserve.*
- The deferred market gains and losses accumulated after June 30, 2021 are allocated to each membership class proportionately based on the valuation value of asset for each membership class relative to the total valuation value of assets for all membership classes, both including the valuation value of assets for the County Safety UAAL Advance Reserve and the LARPD General UAAL Advance Reserve.
- The Contingency Reserve is allocated to each membership class taking into consideration the valuation value of assets for each membership class relative to the total valuation value of assets for all membership classes as well as the amount in the Contingency Reserve that originates from the returns derived from the two UAAL Advance Reserves.

The total Plan FNP for pension as of December 31, 2023 includes the net fair value of assets less SRBR assets. The SRBR assets include the SRBR-OPEB reserve (after reducing the reserve by the SRBR implicit subsidy transfer), the 401(h) reserve, and the Non-OPEB SRBR reserve, minus a proportionate share of the deferred market losses commensurate with the size of those SRBR reserves and 401(h) reserve to valuation and 401(h) reserves.

The General ACOE membership class has only one employer (ACOE), so all of the NPL for General ACOE is allocated to the ACOE. The General LARPD membership class has only one employer (LARPD), so all of the NPL for General LARPD is allocated to LARPD. The Safety membership class also has only one employer (County), so all of the NPL for Safety is allocated to the County.

* Based on the Board's funding policy and interest crediting policy, the County Safety UAAL Advance Reserve and LARPD General Advance Reserve are subject to a separate five-year asset smoothing schedule that excludes the allocation of any deferred investment gains or losses accumulated up to June 30, 2021 for interest crediting purposes.

For General excluding ACOE and LARPD, the NPL is allocated based on the actual employer contributions within the General membership class excluding any contributions made by ACOE and LARPD. The steps used for the allocation are as follows:

- Calculate the ratio of the 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.

Non-OPEB SRBR

The non-OPEB SRBR assets include the non-OPEB SRBR reserve, minus a proportionate share of the deferred market losses commensurate with the size of the non-OPEB to valuation and SRBR reserves.

For non-OPEB SRBR, the NPL is allocated based on the adjusted employer contributions in total. The steps used for the allocation are as follows:

- Calculate the ratio of the employer's adjusted total contributions to the adjusted total contributions for all employers.
- This ratio is multiplied by the NPL for the non-OPEB SRBR to determine the employer's proportionate share of the NPL for the non-OPEB SRBR.

Total

The employer's total allocated NPL is the sum of its allocated pension NPL from each membership class and the non-OPEB SRBR. The proportionate share of the total plan NPL is then the ratio of the employer's total allocated NPL to the total NPL of all employers.

Schedule of employer allocations as of December 31, 2024

Actual Employer Contributions by Employer and Membership Class
January 1, 2024 to December 31, 2024

Employer	General Excluding ACOE and LARP Contribution	General Excluding ACOE and LARP Percentage ¹	General ACOE Only Contribution	General ACOE Only Percentage	General LARP Only Contribution	General LARP Only Percentage	General Combined Contribution	General Combined Percentage
Alameda County	\$164,097,407	63.705%	\$0	0.000%	\$0	0.000%	\$164,097,407	63.572%
Health System	74,315,754	28.851%	0	0.000%	0	0.000%	74,315,754	28.791%
Superior Court	14,604,606	5.670%	0	0.000%	0	0.000%	14,604,606	5.658%
First 5	2,969,817	1.153%	0	0.000%	0	0.000%	2,969,817	1.151%
Housing Authority	1,599,785	0.621%	0	0.000%	0	0.000%	1,599,785	0.620%
LARP	0	0.000%	0	0.000%	425,248	100.000%	425,248	0.165%
ACOE	0	0.000%	110,000	100.000%	0	0.000%	110,000	0.043%
Total All Employers	\$257,587,369	100.000%	\$110,000	100.000%	\$425,248	100.000%	\$258,122,617	100.000%

Employer	Safety Contribution	Safety Percentage	Total Contribution	Total Percentage	Adjusted Total Contribution	Adjusted Total ^{2,3,4} Percentage ¹
Alameda County	\$52,983,658	100.000%	\$217,081,065	69.777%	\$298,255,244 ²	75.817%
Health System	0	0.000%	74,315,754	23.888%	74,315,754	18.891%
Superior Court	0	0.000%	14,604,606	4.694%	14,604,606	3.713%
First 5	0	0.000%	2,969,817	0.955%	2,969,817	0.755%
Housing Authority	0	0.000%	1,599,785	0.514%	1,599,785	0.407%
LARP	0	0.000%	425,248	0.137%	1,472,280 ³	0.374%
ACOE	0	0.000%	110,000	0.035%	169,854 ⁴	0.043%
Total All Employers	\$52,983,658	100.000%	\$311,106,275	100.000%	\$393,387,340	100.000%

Notes for Exhibit A2, Employer Contributions

1. The unrounded percentages are used in the allocation of the NPL amongst the employers.
2. This includes \$164,097,407 of County General actual employer contributions and \$134,157,837 of County Safety adjusted employer contributions used for purposes of determining the proportionate share of the non-OPEB SRBR NPL for the County. The County made voluntary County Safety contributions of \$800,000,000 on around June 29, 2021 to reduce their Safety UAAL and associated contribution rates. We have amortized the voluntary County Safety UAAL contributions to provide a UAAL contribution rate credit for County Safety over 13 years effective FY 21-22. Similar to the approach approved by ACERA for ACOE to determine ACOE's proportionate share of the non-OPEB SRBR NPL, we determined the County Safety's proportionate share of the non-OPEB SRBR NPL by using the County Safety's actual contributions made in 2024 in the amount of \$52,983,658 plus the contribution credit applied in 2024 in the amount of \$81,174,179 for a total adjusted County Safety contribution of \$134,157,837.
3. LARPD made voluntary LARPD General contributions of \$12,611,250 on around June 29, 2021 to reduce their General UAAL and associated contribution rates. We have amortized the voluntary LARPD General UAAL contributions to provide a UAAL contribution rate credit for LARPD General over 16 years effective FY 21-22. Similar to the approach approved by ACERA for ACOE to determine ACOE's proportionate share of the non-OPEB SRBR NPL, we determined LARPD's proportionate share of the non-OPEB SRBR NPL by using LARPD's actual contributions made in 2024 in the amount of \$425,248 plus the contribution credit applied in 2024 in the amount of \$1,047,032 for a total adjusted LARPD contribution of \$1,472,280.
4. ACOE made a lump sum contribution of \$750,000 in 2019 to partially pay off their UAAL. That lump sum is greater than the amount that ACOE would have to make on an installment basis over 20 years. In order to have a more level allocation of the NPL to ACOE, ACERA approved an approach outlined in our March 2, 2020 letter to determine ACOE's proportionate share of the non-OPEB SRBR NPL by using ACOE's required contributions determined in our December 31, 2022 valuation in the amount of \$110,000 based on an April 1, 2024 payment date plus the amortization of the remaining balance of the original \$750,000 lump sum amount (an amount of \$59,854 which represents the additional UAAL contribution ACOE would have been required to pay had they not made the additional lump sum contribution in 2019).

Part 1: Excluding Non-OPEB SRBR

Allocation of Net Pension Liability (NPL) as of December 31, 2024

Employer	General Excluding ACOE and LARPD NPL	General Excluding ACOE and LARPD Percentage ¹	General ACOE Only NPL	General ACOE Only Percentage ¹	General LARPD Only NPL	General LARPD Only Percentage ¹
Alameda County	\$777,834,830	63.705%	\$0	0.000%	\$0	0.000%
Health System	352,262,616	28.851%	0	0.000%	0	0.000%
Superior Court	69,227,000	5.670%	0	0.000%	0	0.000%
First 5	14,077,170	1.153%	0	0.000%	0	0.000%
Housing Authority	7,583,109	0.621%	0	0.000%	0	0.000%
LARPD	0	0.000%	0	0.000%	89,438	100.000%
ACOE	0	0.000%	1,157,503	100.000%	0	0.000%
Total All Employers	\$1,220,984,725	100.000%	\$1,157,503	100.000%	\$89,438	100.000%

Employer	General Combined NPL	General Combined Percentage	Safety NPL	Safety Percentage ¹	Total General and Safety NPL	Total General and Safety Percentage
Alameda County	\$777,834,830	63.641%	\$148,166,584	100.000%	\$926,001,414	67.572%
Health System	352,262,616	28.821%	0	0.000%	352,262,616	25.705%
Superior Court	69,227,000	5.664%	0	0.000%	69,227,000	5.052%
First 5	14,077,170	1.152%	0	0.000%	14,077,170	1.027%
Housing Authority	7,583,109	0.620%	0	0.000%	7,583,109	0.553%
LARPD	89,438	0.007%	0	0.000%	89,438	0.007%
ACOE	1,157,503	0.095%	0	0.000%	1,157,503	0.084%
Total All Employers	\$1,222,231,666	100.000%	\$148,166,584	100.000%	\$1,370,398,250	100.000%

Part 2: Including Non-OPEB SRBR

Allocation of Net Pension Liability (NPL) as of December 31, 2024

Employer	General and Safety Non-OPEB SRBR Only NPL	General and Safety Non-OPEB SRBR Only Percentage ²	Total NPL	Total Percentage
Alameda County	\$71,302,782	75.817%	\$997,304,196	68.100%
Health System	17,766,393	18.891%	370,029,009	25.268%
Superior Court	3,491,469	3.713%	72,718,469	4.966%
First 5	709,983	0.755%	14,787,153	1.010%
Housing Authority	382,455	0.407%	7,965,564	0.544%
LARPD	351,973	0.374%	441,411	0.030%
ACOE	40,606	0.043%	1,198,109	0.082%
Total All Employers	\$94,045,661	100.000%	\$1,464,443,911	100.000%

Notes for Exhibit A2, NPL, Parts 1 and 2

1. Allocated based on the actual employer contributions within each membership class.
2. Allocated based on the actual employer contributions in total, with an adjustment to reflect the total annual UAAL contribution ACOE would have been required to make of \$169,854 in 2024 had they not made the additional contribution in 2019 to partially pay off their UAAL. This approach is outlined in our March 2, 2020 letter and is approved by ACERA. Following this approach, there is an adjustment to reflect the total annual contribution County Safety would have been required to make of \$134,157,837 in 2024 had they not made the voluntary County Safety UAAL contribution in 2021. There is also an adjustment to reflect the total annual contribution LARPD would have been required to make of \$1,472,280 in 2024 had they not made the voluntary LARPD General UAAL contribution in 2021.

Additional Notes for Exhibit A2

Pension (excluding non-OPEB SRBR)

The Net Pension Liability (NPL) for each membership class is the Total Pension Liability (TPL) minus the Plan Fiduciary Net Position (FNP). The TPL for each membership class is obtained from internal valuation results.

As of December 31, 2024, the total Plan FNP for Pension (excluding non-OPEB SRBR) is \$47.8 million lower than the valuation value of assets as of the same date, due to the inclusion of deferred market losses and the balance of the Contingency Reserve. The Plan FNP for Pension for each membership class is obtained as follows:

- The deferred market gains and losses accumulated up to June 30, 2021 are allocated to each membership class proportionately based on the valuation value of assets for each membership class relative to the total valuation value of assets for all membership classes, both excluding the valuation value of assets for the County Safety UAAL Advance Reserve and the LARPD General UAAL Advance Reserve.*
- The deferred market gains and losses accumulated after June 30, 2021 are allocated to each membership class proportionately based on the valuation value of asset for each membership class relative to the total valuation value of assets for all membership classes, both including the valuation value of assets for the County Safety UAAL Advance Reserve and the LARPD General UAAL Advance Reserve.
- The Contingency Reserve is allocated to each membership class taking into consideration the valuation value of assets for each membership class relative to the total valuation value of assets for all membership classes as well as the amount in the Contingency Reserve that originates from the returns derived from the two UAAL Advance Reserves.

The total Plan FNP for pension as of December 31, 2024 includes the net fair value of assets less SRBR assets. The SRBR assets include the SRBR-OPEB reserve (after reducing the reserve by the SRBR implicit subsidy transfer), the 401(h) reserve, and the Non-OPEB SRBR reserve, minus a proportionate share of the deferred market losses commensurate with the size of those SRBR reserves and 401(h) reserve to valuation, SRBR and 401(h) reserves.

The General ACOE membership class has only one employer (ACOE), so all of the NPL for General ACOE is allocated to the ACOE. The General LARPD membership class has only one employer (LARPD), so all of the NPL for General LARPD is allocated to LARPD. The Safety membership class also has only one employer (County), so all of the NPL for Safety is allocated to the County.

* Based on the Board's funding policy and interest crediting policy, the County Safety UAAL Advance Reserve and LARPD General Advance Reserve are subject to a separate five-year asset smoothing schedule that excludes the allocation of any deferred investment gains or losses accumulated up to June 30, 2021 for interest crediting purposes.

For General excluding ACOE and LARPD, the NPL is allocated based on the actual employer contributions within the General membership class excluding any contributions made by ACOE and LARPD. The steps used for the allocation are as follows:

- Calculate the ratio of the 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.

Non-OPEB SRBR

The non-OPEB SRBR assets include the non-OPEB SRBR reserve, minus a proportionate share of the deferred market losses commensurate with the size of the non-OPEB to valuation and SRBR reserves.

For non-OPEB SRBR, the NPL is allocated based on the adjusted employer contributions in total. The steps used for the allocation are as follows:

- Calculate the ratio of the employer's adjusted total contributions to the adjusted total contributions for all employers.
- This ratio is multiplied by the NPL for the non-OPEB SRBR to determine the employer's proportionate share of the NPL for the non-OPEB SRBR.

Total

The employer's total allocated NPL is the sum of its allocated pension NPL from each membership class and the non-OPEB SRBR. The proportionate share of the total plan NPL is then the ratio of the employer's total allocated NPL to the total NPL of all employers.

Schedule of pension amounts by employer as of December 31, 2024

Deferred Outflows of Resources

Employer	Net Pension Liability	Differences Between Actual and Expected Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments*	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources
Alameda County	\$997,304,196	\$75,552,811	\$12,911,096	\$12,201,128	\$883,307	\$101,548,342
Health System	370,029,009	17,743,945	785,055	3,350,582	11,700,383	33,579,965
Superior Court	72,718,469	3,487,058	154,279	658,460	1,839,824	6,139,621
First 5	14,787,153	709,086	31,372	133,896	3,993,667	4,868,021
Housing Authority	7,965,564	381,971	16,900	72,128	634,685	1,105,684
LARPD	441,411	794,040	225,110	78,616	2,604	1,100,370
ACOE	1,198,109	218,790	0	2,497	18	221,305
Total for all Employers	\$1,464,443,911	\$98,887,701	\$14,123,812	\$16,497,307	\$19,054,488	\$148,563,308

* Details on the development of the amounts in this column are provided in the table at the end of the Notes for Exhibit B section below.

Deferred Inflows of Resources

Employer	Differences Between Expected and Actual Experience	Net Difference Between Actual and Projected Investment Earnings on Pension Plan Investments*	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources
Alameda County	\$19,032,924	\$0	\$47,791,314	\$13,201,182	\$80,025,420
Health System	5,404,094	0	14,200,358	1,240,607	20,845,059
Superior Court	1,062,018	0	2,790,668	3,453,414	7,306,100
First 5	215,959	0	567,477	0	783,436
Housing Authority	116,333	0	305,689	1,114,047	1,536,069
LARPD	1,167,546	0	416,635	44,337	1,628,518
ACOE	2,296	408	3,634	901	7,239
Total for all Employers	\$27,001,170	\$408	\$66,075,775	\$19,054,488	\$112,131,841

* Details on the development of the amounts in this column are provided in the table at the end of the Notes for Exhibit B section below.

Pension Expense

Employer	Proportionate Share of Plan Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
Alameda County	\$251,314,717	\$(2,076,644)	\$249,238,073
Health System	71,494,468	1,165,144	72,659,612
Superior Court	14,050,165	(472,629)	13,577,536
First 5	2,857,071	1,463,822	4,320,893
Housing Authority	1,539,052	(69,501)	1,469,551
LARPD	528,698	(12,599)	516,099
ACOE	187,903	2,407	190,310
Total for all Employers	\$341,972,074	\$0	\$341,972,074

Notes for Exhibit B:

The above exhibit shows the allocated NPL, deferred outflows and inflows of resources, and pension expense by employer.

The amounts shown in this exhibit were allocated first by employer within each of the four pension plan membership classes (excl. non-OPEB SRBR) and within the non-OPEB SRBR based on the Employer Allocation Percentage calculated in Exhibit A2, and added together to produce the results by employer in total.

In determining the pension expense:

- Any differences between projected and actual investment earnings on pension plan investments are recognized over a period of five years beginning with the year in which they occur.
- Current-period (i.e., 2024) differences between expected and actual experience and changes of assumptions are recognized over the average of the expected remaining service lives of all employees that are provided with pensions through ACERA determined as of December 31, 2023 (the beginning of the measurement period ending December 31, 2024) and is 4.84 years.
- Prior-period differences between expected and actual experience and changes of assumptions are continued to be recognized based on the expected remaining service lives of all employees calculated as of those prior measurement dates.
- Current-period plan changes are recognized immediately.

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

- 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 members.
- Dividing the sum of the above amounts by the total number of active employee, nonactive and retired members.

The pension expense increased from \$250.0 million as of December 31, 2023 to \$342.0 million as of December 31, 2024. The primary cause of the increase was due to: (a) full recognition of investment gain from the December 31, 2019 valuation and (b) this year's pension expense does not include the one-time decrease related to last year's asset transfer from the OPEB to non-OPEB SRBR. These increases were somewhat offset by a gain from the return on the market value of assets of 9.2% during calendar year 2024 that was greater than the assumption of 7.00% used in the December 31, 2023 valuation (a gain of about \$223 million that is being recognized over a period of five years starting with the development of this year's pension expense).

Pursuant to the footnotes on pages 15 and 16, we are providing details on the development of the deferred outflows and inflows of resources amounts pertaining to the net difference between projected and actual investment earnings on pension plan investments in the table below.

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments

Employer	Pension Net Outflows of Resources	Pension Net Inflows of Resources	Non-OPEB SRBR Net Outflows of Resources	Non-OPEB SRBR Net Inflows of Resources	Combined Outflows/(Inflows) of Resources
Alameda County	\$8,481,557	\$0	\$4,429,539	\$0	\$12,911,096
Health System	0	318,646	1,103,701	0	785,055
Superior Court	0	62,621	216,900	0	154,279
First 5	0	12,734	44,106	0	31,372
Housing Authority	0	6,859	23,759	0	16,900
LARPD	203,244	0	21,866	0	225,110
ACOE	0	2,931	2,523	0	(408)
Total for all Employers	\$8,684,801	\$403,791	\$5,842,394	\$0	\$14,123,404

We provided in the table above the breakdown of the deferred outflows/inflows pertaining to the difference between projected and actual investment earnings by the Pension Plan and non-OPEB SRBR related investments. As shown in the table above, the employers of Alameda County and LARPD have net outflows of resources pertaining to the net difference between projected and actual investment earnings on pension plan investments under the Pension Plan, whereas the remaining employers have net inflows of resources for that item under the Pension Plan. This is mainly due to actual return coming in less than projected on the voluntary UAAL contributions made for the Alameda County Safety group and the LARPD group for certain years.

ACOE has a deferred inflow of resources in the Pension Plan pertaining to the net difference between actual and projected investment earnings on Pension Plan investments (an inflow of \$2,931). However, the non-OPEB SRBR Plan has a deferred outflow of resources pertaining to the net difference between projected and actual investment earnings on non-OPEB SRBR investments. The proportionate share for this investments item in the non-OPEB SRBR Plan for ACOE is an outflow of \$2,523, which is less than the deferred inflow amount under the Pension Plan. This results in a net deferred inflow of \$408 for investments for ACOE. This amount for ACOE is displayed in Exhibit B as a deferred inflow, even though for all employers and for both plans combined (i.e., the Pension Plan and the non-OPEB SRBR Plan), there is a net deferred outflow of resources for investments.