

Orange County Employees Retirement System (OCERS)

**Governmental Accounting Standards Board
Statement No. 67 Actuarial Valuation as of
December 31, 2023**



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Segal



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

May 8, 2024

Board of Retirement
Orange County Employees Retirement System
2223 Wellington Avenue
Santa Ana, CA 92701

Dear Board Members:

We are pleased to submit this Governmental Accounting Standards Board Statement No. 67 (GASB 67) Accounting Valuation as of December 31, 2023 for the Orange County Employees Retirement System (“OCERS” or “the Plan”). It contains various information that will need to be disclosed in order to comply with GASB 67. Please refer to OCERS' Actuarial Valuation and Review as of December 31, 2022 for the data and OCERS' Actuarial Valuation and Review as of December 31, 2023 for the assumptions and plan of benefits underlying these calculations.

This report has been prepared in accordance with generally accepted actuarial principles and practices for the exclusive use and benefit of the Board of Retirement (the Board), based upon information provided by the staff of the Plan and the Plan’s other service providers.

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, FCA, 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. The assumptions used in this actuarial valuation were selected by the Board of Retirement based upon our analysis and recommendations. In our opinion, the assumptions are reasonable and take into account the experience of OCERS and reasonable expectations. In addition, in our opinion, the combined effect of these assumptions is expected to have no significant bias.

Board of Retirement
May 8, 2024

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,

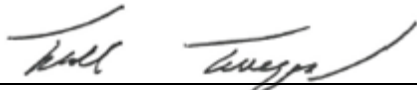
Segal



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



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



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

JY/jl

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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 No. 67 (GASB 67) as of December 31, 2023. This report is based on:

- The benefit provisions of OCERS, as administered by the Board;
- The characteristics of covered active, inactive, and retired members and beneficiaries as of December 31, 2022, provided by the staff of OCERS;
- The assets of the Plan as of December 31, 2023, provided by OCERS;
- Economic assumptions regarding future salary increases and investment earnings adopted by the Board for the December 31, 2023 valuation; and
- Other actuarial assumptions, regarding employee terminations, retirement, death, etc. adopted by the Board for the December 31, 2023 valuation.

General observations on a GASB 67 Actuarial Valuation

1. The Governmental Accounting Standards Board (GASB) rules only define pension liability and expense for financial reporting purposes, they do not apply to contribution amounts for pension funding purposes. Employers and plans should continue to 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 OCERS uses for funding. This means that the Total Pension Liability (TPL) measure for financial reporting shown in this report is generally determined on the same basis as OCERS' Actuarial Accrued Liability (AAL) measure for funding. We note that the same is generally true for the service cost for financial reporting shown in this report and the normal cost component of the annual plan cost for funding.
3. The Net Pension Liability (NPL) is equal to the difference between the TPL and the Plan Fiduciary Net Position (FNP). The Plan FNP is equal to the fair value of assets and therefore, the NPL measure is very similar to an Unfunded Actuarial Accrued Liability (UAAL) on a market value basis.

Section 1: Actuarial Valuation Summary

Highlights of the valuation

1. The reporting date for the Plan is December 31, 2023 and the NPL was measured as of the same date. The TPL was determined based upon rolling forward the TPL from the actuarial funding valuation as of December 31, 2022 while the Plan FNP was valued as of the measurement date.
2. The NPL decreased from \$5,391.0 million as of December 31, 2022 to \$4,846.7 million as of December 31, 2023 primarily due to a return on the market value of assets of 11.9%¹ during calendar year 2023 that was more than the assumption of 7.00% used in the December 31, 2022 valuation (a gain of about \$954.8 million). Changes in these values during the last two fiscal years can be found in *Section 2, Exhibit 3 - Schedule of changes in Net Pension Liability* on page 20.
3. The discount rate used to measure the TPL and NPL as of December 31, 2023 was 7.00%, following the same assumptions used by OCERS in the actuarial funding valuation as of December 31, 2023. The detailed calculations used in the derivation of the 7.00% discount rate can be found in *Appendix A*. Various other information that is required to be disclosed can be found throughout *Section 2*.
4. The Plan FNP of \$19,690,021,000 as of December 31, 2022 is equal to the final market value of assets in the Pension Trust Fund as of December 31, 2022. This differs from the \$19,534,631,000 market value of assets used in our December 31, 2022 funding valuation because the market value of assets in the funding valuation excludes \$140,992,000 in the County Investment Account and \$14,398,000 in O.C. Sanitation District UAAL Deferred Account.

The Plan FNP of \$21,797,429,000 as of December 31, 2023 is equal to the final market value of assets in the Pension Trust Fund as of December 31, 2023. This differs from the \$21,635,294,000 market value of assets used in our December 31, 2023 funding valuation because the market value of assets in the funding valuation excludes \$146,110,000 in the County Investment Account and \$16,025,000 in O.C. Sanitation District UAAL Deferred Account.

5. 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 at ACERA. That decision has important implications for OCERS and its members. In particular, the decision requires pension systems like OCERS to exclude certain pay items from a legacy member's compensation earnable. It should be noted that as of December 31, 2023, OCERS has refunded contributions previously paid by certain members in conjunction with such pay items and changed benefit amounts previously determined using those pay items. However, we understand some of these adjustments are still ongoing and therefore the final impact of the decision has not been fully reflected in this valuation.

¹ As documented in the funding valuation report, return on the market value was calculated using a modified dollar-weighted approach based on pension plan assets net of accounting liabilities. Actual investment return on net pension plan assets was \$2,258,475,000 during 2023 after including both the administrative expenses and discount for prepaid contributions while excluding the gains credited to County Investment Account and O.C. Sanitation District UAAL Deferred Account. Without these adjustments, the actual investment return was \$2,325,481,000.

Section 1: Actuarial Valuation Summary

Summary of key valuation results

Line Description	Current Year	Prior Year
Reporting and Measurement Date	December 31, 2023	December 31, 2022
Disclosure elements		
Service cost ¹	\$536,399,540	\$526,768,913
Total Pension Liability	26,644,141,574	25,081,027,171
Plan Fiduciary Net Position	21,797,429,000	19,690,021,000
Net Pension Liability	4,846,712,574	5,391,006,171
Schedule of contributions		
Actuarially determined contributions	\$736,016,000	\$707,319,000
Actual contributions ²	749,776,000	719,691,000
Contribution deficiency / (excess) ³	(13,760,000)	(12,372,000)
Demographic data⁴		
Number of retired members and beneficiaries	21,283	20,678
Number of inactive members ⁵	8,579	7,894
Number of active members	22,782	22,061
Key assumptions		
Investment rate of return	7.00%	7.00%
Inflation rate	2.50%	2.50%
“Across-the-board” salary increase	0.50%	0.50%
Projected salary increases ⁶	General: 3.90% to 8.00% Safety: 4.50% to 15.00%	General: 4.00% to 11.00% Safety: 4.60% to 15.00%
Cost-of-living adjustments	2.75% of retirement income	2.75% of retirement income

¹ The service cost is based on the previous year's valuation, meaning the service cost as of the December 31, 2023 and December 31, 2022 measurement dates are based on the valuations as of December 31, 2022 and December 31, 2021, respectively. Both service costs have been calculated using the assumptions shown in the Prior Year column, as there had been no changes in the actuarial assumptions between the December 31, 2022 and December 31, 2021 valuations.

² Reduced by discount for prepaid contributions and transfer from County Investment Account, if any.

³ Includes additional contributions made by employers toward the reduction of their UAAL. Details are shown in *Section 2, Exhibit 3 - Schedule of employer contributions* on page 21.

⁴ Data shown as of the December 31, 2022 measurement date is used in the measurement of the TPL as of December 31, 2023.

⁵ Includes members who chose to leave their contributions on deposit even though they have less than five years of service.

⁶ Includes inflation at 2.50% plus “across-the-board” salary increase of 0.50% plus merit and promotion increases that vary by service.

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:

Input Item	Description
Plan provisions	Plan provisions define the rules that will be used to determine benefit payments, and those rules, or the interpretation of them, may change over time. Even where they appear precise, outside factors may change how they operate. It is important to keep Segal informed with respect to plan provisions and administrative procedures, and to review the plan summary included in our report (as well as the plan summary included in our funding valuation report) to confirm that Segal has correctly interpreted the plan of benefits.
Member information	An actuarial valuation for a plan is based on data provided to the actuary by OCERS. Segal does not audit such data for completeness or accuracy, other than reviewing it for obvious inconsistencies compared to prior data and other information that appears unreasonable. It is important for Segal to receive the best possible data and to be informed about any known incomplete or inaccurate data.
Financial information	The valuation is based on the fair value of assets as of the measurement date, as provided by OCERS.
Actuarial assumptions	In preparing an actuarial valuation, Segal starts by developing a forecast of the benefits to be paid to existing plan members 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 members 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 (if any). 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.
Actuarial models	<p>Segal valuation results are based on proprietary actuarial modeling software. The actuarial valuation models generate a comprehensive set of liability and cost calculations that are presented to meet regulatory, legislative and client requirements. Deterministic cost projections are based on a proprietary forecasting model. Our Actuarial Technology and Systems unit, comprised of both actuaries and programmers, is responsible for the initial development and maintenance of these models. The models have a modular structure that allows for a high degree of accuracy, flexibility and user control. The client team programs the assumptions and the plan provisions, validates the models, and reviews test lives and results, under the supervision of the responsible actuary.</p> <p>The discount rate used for calculating Total Pension Liability 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.</p>

Section 1: Actuarial Valuation Summary

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

- The actuarial valuation is prepared at the request of the Board. Segal is not responsible for the use or misuse of its report, particularly by any other party.
- An actuarial valuation is a measurement at a specific date — it is not a prediction of a plan's future financial condition. Accordingly, Segal did not perform an analysis of the potential range of financial measurements, except where otherwise noted.
- If OCERS 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 and is not acting as a fiduciary to the Plan. This valuation is based on Segal's 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 OCERS upon delivery and review. OCERS should notify Segal immediately of any questions or concerns about the final content.

Section 2: GASB 67 Information

General information about the pension plan

Plan administration

The Orange County Employees Retirement System (“OCERS” or “the Plan”) was established by the County of Orange in 1945. OCERS is administered by the Board of Retirement and governed by the County Employees’ Retirement Law of 1937 (California Government Code Section 31450 et. seq.).

OCERS 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 General members employed by the County of Orange. OCERS also provides retirement benefits to the employee members of the Orange County Courts, the Orange County Retirement System, two cities and thirteen special districts.

The management of OCERS is vested with the Orange County Board of Retirement (the Board). The Board consists of nine members and one alternate:

- The County Treasurer is a member of the Board by law;
- Four members are appointed by the Board of Supervisors, one of whom may be a County Supervisor;
- Two members are elected by the General membership;
- One member and one alternate are elected by the Safety membership; and
- One member is elected by the retired members of the System.

All members of the Board of Retirement serve terms of three years except for the County Treasurer whose term runs concurrent with the County Treasurer term.

Section 2: GASB Information

Plan membership

At December 31, 2023, pension plan membership consisted of the following:

Membership	Count
Retired members and beneficiaries	21,283
Inactive members*	8,579
Active members	22,782
Total	52,644

Note: Data as of December 31, 2023 is not used in the measurement of the TPL as of December 31, 2023.

Benefits provided

OCERS provides service retirement, disability, death and survivor benefits to eligible employees. All regular full-time employees of the County of Orange or contracting agencies who work a minimum of 20 hours per week become members of OCERS effective on the first day of employment in an eligible position. There are separate retirement plans for General and Safety member employees. Safety membership is extended to those involved in active law enforcement, fire suppression, and certain probation officers. All other employees are classified as General members.

Any new member who becomes a member on or after January 1, 2013 is designated as PEPRA General or PEPRA Safety and is subject to the provisions of California Public Employees' Pension Reform Act of 2013 (PEPRA), California Government Code 7522 et seq.

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. Final average compensation consists of the highest 12 consecutive months for a General Tier 1 or Safety Tier 1 member and the highest 36 consecutive months for a General Tier 2, General PEPRA, Safety Tier 2 or Safety PEPRA member. For members with membership dates before January 1, 2013, including all members of Plan T and Plan W hired on or after 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, excluding members of Plan T and Plan W.

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 or domestic partner. An eligible surviving spouse or domestic partner is one married to or registered with the member one year prior to the effective

* Includes members who chose to leave their contributions on deposit even though they have less than five years of service.

Section 2: GASB Information

retirement date. Certain surviving spouses or domestic partners may also be eligible if marriage or domestic partnership was at least two years prior to the date of death and the surviving spouse or domestic partner has attained age 55. 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, domestic partner, or named beneficiary having an insurable interest in the life of the member.

OCERS provides an annual cost-of-living adjustment (COLA) benefit to all retirees. The COLA, based upon the ratio of the past two annual Consumer Price Indices for All Urban Consumers for the Los Angeles-Long Beach-Anaheim Area, is capped at 3.0%.

General members

General members hired prior to January 1, 2013, including all members of Plan T and Plan W hired on or after 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 retirement service credit is eligible to retire regardless of age. General members who are first hired on or after January 1, 2013, excluding members of Plan T and Plan W, are eligible to retire once they have attained the age of 52, and have acquired 5 years of retirement service credit. All General members can also retire at the age of 70 regardless of service.

General member benefits are calculated pursuant to the provisions of Sections 31676.01, 31676.1, 31676.12, 31676.16, 31676.18 or 31676.19. For Section 31676.01, the monthly allowance is equal to one-ninetieth of final average compensation times years of accrued retirement service credit times age factor from that Section. For Section 31676.1, the monthly allowance is equal to one-sixtieth of final average compensation times years of accrued retirement service credit times age factor from that Section. For Sections 31676.12, 31676.16, 31676.18 or 31676.19, the monthly allowance is equal to one-fiftieth of final average compensation times years of accrued retirement service credit times age factor from the corresponding Section. General member benefits for those who are first hired on or after January 1, 2013, excluding members of Plan T and Plan W, are calculated pursuant to the provision of California Government Code Section 7522.20(a). The monthly allowance is equal to the final average compensation multiplied by years of accrued retirement credit multiplied by the age factor from Section 7522.20(a).

Safety members

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 retirement service credit 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 5 years of retirement service credit. All Safety members can also retire at the age of 70 regardless of service.

Safety member benefits are calculated pursuant to the provisions of California Government Code Sections 31664.1 and 31664.2. The monthly allowance is equal to 3% of final average compensation times years of accrued retirement service credit times age

Section 2: GASB Information

factor from the corresponding Section. 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 average compensation multiplied by years of accrued retirement credit multiplied by the age factor from Section 7522.25(d).

Contributions

The County of Orange and contracting agencies 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 OCERS' actuary after the completion of the annual actuarial valuation. The average employer contribution rate for the first six months of calendar year 2023 or the second half of fiscal year 2022-2023 (based on the December 31, 2020 valuation) was 41.16%¹ of compensation. The average employer contribution rate for the last six months of calendar year 2023 or the first half of fiscal year 2023-2024 (based on the December 31, 2021 valuation) was 37.82%¹ of compensation.

All members are required to make contributions to OCERS regardless of the retirement plan or tier in which they are included. The average member contribution rate for the first six months of calendar year 2023 or the second half of fiscal year 2022-2023 (based on the December 31, 2020 valuation) was 12.16%² of compensation. The average member contribution rate for the last six months of calendar year 2023 or the first half of fiscal year 2023-2024 (based on the December 31, 2021 valuation) was 12.08%² of compensation.

¹ These employer contribution rates may be higher or lower than the composite rate for 2023 as shown on page 20 of this report because these rates have not been adjusted to reflect any pick-ups or reverse pick-ups. These employer contribution rates also do not reflect any change in proportion of payroll between the membership groups as well as the shift in payroll to the lower cost plans from the valuation date to the date of rate implementation.

² It should be noted that these member contribution rates provided above have not been adjusted to reflect any pick-ups or reverse pick-ups.

Section 2: GASB Information

Exhibit 1 – Net Pension Liability

Line Description	Current Year	Prior Year
Reporting and Measurement Date	December 31, 2023	December 31, 2022
Components of the Net Pension Liability		
Total Pension Liability	\$26,644,141,574	\$25,081,027,171
Plan Fiduciary Net Position	(21,797,429,000)	(19,690,021,000)
Net Pension Liability	\$4,846,712,574	\$5,391,006,171
Plan Fiduciary Net Position as a percentage of the Total Pension Liability*	81.81%	78.51%

The NPL for the Plan in this valuation was measured as of December 31, 2023. The Plan FNP was valued as of the measurement date and the TPL was determined based upon rolling forward the TPL from the actuarial funding valuation as of December 31, 2022.

Plan provisions

The plan provisions used in the measurement of the NPL as of December 31, 2023 are the same as those used in OCERS' actuarial funding valuation as of December 31, 2023.

Actuarial assumptions

The TPL as of December 31, 2023 uses the same actuarial assumptions as the actuarial funding valuation as of December 31, 2023. The TPL as of December 31, 2023 was remeasured by (a) revaluing the TPL as of December 31, 2022 (before the roll forward) to reflect the actuarial assumptions adopted in the experience study for the period January 1, 2020 through December 31, 2022, and (b) using this revalued TPL in rolling forward the results from December 31, 2022 to December 31, 2023. In particular, the following actuarial assumptions were applied to all periods included in the measurement:

* These funded percentages are not necessarily appropriate for assessing the sufficiency of Plan assets to cover the estimated cost of settling the Plan's benefit obligation or the need for or the amount of future contributions.

Section 2: GASB Information

Assumption Type	Assumption
Investment rate of return	7.00%, net of pension plan investment expense, including inflation
Inflation rate	2.50%
“Across-the-board” salary increase	0.50%
Salary increases	General: 3.90% to 8.00% Safety: 4.50% to 15.00% The above salary increases vary by service and include inflation and “across-the-board” salary increase
Cost-of-living adjustments	Retiree COLA increases of 2.75% per year For members that have COLA banks, we assume they receive 3.00% COLA increases until their COLA banks are exhausted and 2.75% thereafter
Other assumptions	See analysis of actuarial experience during the period January 1, 2020 through December 31, 2022

Detailed information regarding all actuarial assumptions can be found in the December 31, 2023 Actuarial Valuation and Review.

The following actuarial assumptions were applied to all periods included in the measurement of the TPL as of December 31, 2022:

Assumption Type	Assumption
Investment rate of return	7.00%, net of pension plan investment expense, including inflation
Inflation rate	2.50%
“Across-the-board” salary increase	0.50%
Salary increases	General: 4.00% to 11.00% Safety: 4.60% to 15.00% The above salary increases vary by service and include inflation and “across-the-board” salary increase
Cost-of-living adjustments	Retiree COLA increases of 2.75% per year For members that have COLA banks, we assume they receive 3.00% COLA increases until their COLA banks are exhausted and 2.75% thereafter
Other assumptions	See analysis of actuarial experience during the period January 1, 2017 through December 31, 2019

Detailed information regarding all actuarial assumptions can be found in the December 31, 2022 Actuarial Valuation and Review.

Section 2: GASB Information

Exhibit 2 – Discount rate

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 future real rates of return (expected returns, net of inflation and, beginning with December 31, 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 December 31, 2023, including only investment consulting fees, custodian fees and other miscellaneous investment expenses and fees but excluding investment manager fees) and a risk margin. Beginning with December 31, 2023 this portfolio return is further adjusted to an expected geometric real rate of return for the portfolio.

The target allocation (approved by the Board) and projected arithmetic real rates of return for each major asset class, after deducting inflation, are shown in the following tables. For December 31, 2022 these rates are before deducting investment management expenses while for December 31, 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 actuarial valuations as of December 31, 2023 and December 31, 2022. This information will be subject to change every three years based on the results of an actuarial experience study.

* Note that the investment return assumption for funding purposes was developed net of both investment and administrative expenses; however, the same investment return assumption was used for financial reporting purposes, where it is considered gross of administrative expenses. This results in an increase in the margin for adverse deviation when using that investment return assumption for financial reporting.

Section 2: GASB Information

December 31, 2023

Asset Class	Target Allocation	Long-Term Expected Arithmetic Real Rate of Return*
Global Equity	45.00%	7.05%
Investment Grade Bonds	9.00%	1.97%
High Yield Bond	0.50%	4.63%
TIPS	2.00%	1.77%
Emerging Market Debt	0.50%	4.72%
Long-Term Government Bonds	3.30%	2.82%
Real Estate	3.00%	3.86%
Private Equity	15.00%	9.84%
Private Credit	3.50%	6.47%
Value Added Real Estate	3.00%	7.38%
Opportunistic Real Estate	1.00%	9.74%
Energy	2.00%	10.89%
Infrastructure (Core Private)	1.00%	5.98%
Infrastructure (Non-Core Private)	3.00%	8.88%
Global Macro	1.70%	3.17%
CTA (Trend Following)	3.30%	3.15%
Alternative Risk Premia	1.70%	3.24%
Special Situations Lending	1.50%	8.96%
Total	100.00%	6.55%

* Arithmetic real rates of return are net of inflation.

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December 31, 2022

Asset Class	Target Allocation	Long-Term Expected Arithmetic Real Rate of Return*
Large Cap Equity	23.10%	5.43%
Small Cap Equity	1.90%	6.21%
International Developed Equity	13.00%	6.67%
Emerging Markets Equity	9.00%	8.58%
Core Bonds	9.00%	1.10%
High Yield Bonds	1.50%	2.91%
TIPS	2.00%	0.65%
Emerging Market Debt	2.00%	3.25%
Corporate Credit	1.00%	0.53%
Long Duration Fixed Income	2.50%	1.44%
Real Estate	3.01%	4.42%
Private Equity	13.00%	9.41%
Value Added Real Estate	3.01%	7.42%
Opportunistic Real Estate	0.98%	10.18%
Energy	2.00%	9.68%
Infrastructure (Core Private)	1.50%	5.08%
Infrastructure (Non-Core Private)	1.50%	8.92%
CTA - Trend Following	2.50%	2.38%
Global Macro	2.50%	2.13%
Private Credit	2.50%	5.47%
Alternative Risk Premia	2.50%	2.50%
Total	100.00%	5.67%

* Arithmetic real rates of return are net of inflation.

Section 2: GASB Information

Discount rate

The discount rate used to measure the TPL was 7.00% as of both December 31, 2023 and December 31, 2022.

The projection of cash flows used to determine the discount rate assumes plan member contributions will be made at the current contribution rates and that employer contributions will be made at rates equal to the actuarially determined contribution rates.* 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 FNP 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 December 31, 2023 and December 31, 2022.

Discount rate sensitivity

The following presents the NPL of OCERS as of December 31, 2023 calculated using the current discount rate of 7.00%, as well as what OCERS' NPL would be if it were calculated using a discount rate that is 1-percentage-point lower (6.00%) or 1-percentage-point higher (8.00%) than the current rate.

Item	1% Decrease in Discount Rate (6.00%)	Current Discount Rate (7.00%)	1% Increase in Discount Rate (8.00%)
Net Pension Liability	\$8,494,916,861	\$4,846,712,574	\$1,864,403,075

* For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included.

Section 2: GASB Information

Exhibit 3 – Schedule of changes in Net Pension Liability

Line Description	Current Year	Prior Year
Reporting and Measurement Date	December 31, 2023	December 31, 2022
Total Pension Liability		
Service cost	\$536,399,540	\$526,768,913
Interest	1,750,651,189	1,675,053,178
Change of benefit terms	0	0
Differences between expected and actual experience	326,785,307	46,500,358
Changes of assumptions	165,526,367	0
Benefit payments, including refunds of member contributions	(1,216,248,000)	(1,139,715,000)
Transfer of members among Rate Groups	0	0
Other	0	0
Net change in Total Pension Liability	\$1,563,114,403	\$1,108,607,449
Total Pension Liability — beginning	25,081,027,171	23,972,419,722
Total Pension Liability — ending	\$26,644,141,574	\$25,081,027,171
Plan Fiduciary Net Position		
Contributions — employer ¹	\$749,776,000	\$719,691,000
Contributions — member	277,455,000	269,999,000
Net investment income	2,325,481,000	(2,058,590,000)
Benefit payments, including refunds of member contributions	(1,216,248,000)	(1,139,715,000)
Transfer of members among Rate Groups	0	0
Administrative expense	(29,056,000)	(23,546,000)
Other	0	0
Net change in Plan Fiduciary Net Position	\$2,107,408,000	\$(2,232,161,000)
Plan Fiduciary Net Position — beginning	19,690,021,000	21,922,182,000
Plan Fiduciary Net Position — ending	\$21,797,429,000	\$19,690,021,000
Net Pension Liability		
Net Pension Liability — ending	\$4,846,712,574	\$5,391,006,171
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	81.81%	78.51%
Covered payroll ²	\$2,042,240,000	\$1,932,374,000
Plan Net Pension Liability as percentage of covered payroll	237.32%	278.98%

¹ Reduced by discount for prepaid contributions and transfer from County Investment Account, if any.

² Covered payroll represents payroll on which contributions to the pension plan are based.

Section 2: GASB Information

Exhibit 4 – Schedule of employer contributions

Year Ended December 31	Actuarially Determined Contributions ^{1,2}	Contributions in Relation to the Actuarially Determined Contributions ^{1,2}	Contribution Deficiency / (Excess)	Covered Payroll ³	Contributions as a Percentage of Covered Payroll ²
2014	\$476,320,000	\$625,520,000 ⁴	\$(149,200,000)	\$1,513,206,000	41.34%
2015	502,886,000	571,298,000 ⁵	(68,412,000)	1,521,036,000	37.56%
2016	521,447,000	567,196,000 ⁶	(45,749,000)	1,602,675,000	35.40%
2017	536,726,000	572,104,000 ⁷	(35,378,000)	1,678,322,000	34.09%
2018	556,728,000	580,905,000 ⁸	(24,177,000)	1,718,798,000	33.80%
2019	583,057,000	653,793,000 ⁹	(70,736,000)	1,783,054,000	36.67%
2020	638,215,000	659,807,000 ¹⁰	(21,592,000)	1,909,268,000	34.56%
2021	684,142,000 ¹¹	698,791,000 ^{11,12}	(14,649,000)	1,870,387,000	37.36%
2022	707,318,000	719,691,000 ¹³	(12,373,000)	1,932,374,000	37.24%
2023	736,016,000	749,776,000 ¹⁴	(13,760,000)	2,042,240,000	36.71%

See accompanying notes to this schedule on next page.

¹ The Actuarially Determined Contributions through December 31, 2014 were determined as the Annual Required Contribution under GAS 25 and 27.

² Reduced by discount for prepaid contributions, transfers from County Investment Account, and transfers from O.C. Sanitation District Deferred UAAL Account. Those amounts are as shown on the next page.

³ Covered payroll represents payroll on which contributions to the pension plan are based.

⁴ Includes additional contributions of \$1,663,000 made by O.C. Cemetery District, \$22,537,000 made by O.C. Fire Authority and \$125,000,000 made by O.C. Sanitation District towards the reduction of their UAAL.

⁵ Includes additional contributions of \$18,412,000 made by O.C. Fire Authority and \$50,000,000 made by O.C. Sanitation District towards the reduction of their UAAL.

⁶ Includes additional contributions of \$5,133,000 made by O.C. Fire Authority, \$1,500,000 made by Law Library and \$5,587,000 made by O.C. Sanitation District towards the reduction of their UAAL as well as \$33,529,000 made by O.C. Sanitation District to their UAAL Deferred Account.

⁷ Includes additional contributions of \$32,096,000 made by O.C. Fire Authority, \$1,538,000 made by Law Library and \$1,744,000 made by O.C. Children and Families Commission towards the reduction of their UAAL.

⁸ Includes additional contributions of \$23,437,000 made by O.C. Fire Authority and \$740,000 made by Cypress Recreation and Parks District towards the reduction of their UAAL.

⁹ Includes additional contributions of \$19,043,000 made by O.C. Fire Authority, \$878,000 made by O.C. Vector Control, \$12,815,000 Transportation Corridor and \$8,116,000 made by O.C. Sanitation District towards the reduction of their UAAL as well as \$29,884,000 made by O.C. Sanitation District to their UAAL Deferred Account.

¹⁰ Includes additional contributions of \$21,592,000 made by O.C. Fire Authority towards the reduction of their UAAL.

¹¹ Includes a contribution of \$6,500,000 made by City of San Juan Capistrano related to transferring its Water Department employees to a separate special district, which resulted in a triggering event under the Board's Declining Employer Payroll policy.

¹² Includes additional contributions of \$14,649,000 made by O.C. Fire Authority towards the reduction of their UAAL.

¹³ Includes additional contributions of \$11,777,000 made by O.C. Fire Authority and \$596,000 made by Cypress Recreation and Parks District towards the reduction of their UAAL.

¹⁴ Includes additional contributions of \$13,760,000 made by O.C. Fire Authority towards the reduction of their UAAL.

Section 2: GASB Information

Methods and assumptions used to establish the actuarially determined contribution for the year ended December 31, 2023

Contributions and transfers excluded from Actuarially Determined Contributions and Contributions in Relation to the Actuarially Determined Contributions

The contributions are reduced by discount for prepaid contributions, transfers from County Investment Account (funded by pension obligation proceeds held by OCERS), and transfers from O.C. Sanitation District Deferred UAAL Account (amount required to offset UAAL increases for assumption changes in 2017 and actuarial losses in 2018 and 2019). Those amounts are as follows:

Year Ended December 31	Discount for Prepaid Contributions	Transfers from County Investment Account	Transfers from O.C. Sanitation District UAAL Deferred Account	Year Ended December 31	Discount for Prepaid Contributions	Transfers from County Investment Account	Transfers from O.C. Sanitation District UAAL Deferred Account
2014	\$29,114,000	\$5,000,000	\$0	2019	\$22,049,000	\$0	\$18,631,000
2015	27,301,000	0	0	2020	24,731,000	5,000,000	0
2016	24,353,000	0	0	2021	31,520,000	15,077,000	0
2017	22,921,000	0	24,042,000	2022	37,039,000	14,962,000	0
2018	21,218,000	0	14,589,000	2023	21,205,000	10,000,000	0

Valuation date

Actuarially determined contribution rates for the first six months of calendar year 2023 (i.e., the second half of fiscal year 2022–2023) are calculated based on the December 31, 2020 valuation. Actuarially determined contribution rates for the last six months of calendar year 2023 (i.e., the first half of fiscal year 2023–2024) are calculated based on the December 31, 2021 valuation.

Actuarial cost method

Entry Age Actuarial Cost Method

Amortization method

Level percent of payroll (3.00% payroll growth assumed in the December 31, 2020 valuation and 3.00% payroll growth assumed in the December 31, 2021 valuation)

Section 2: GASB Information

Remaining amortization period

December 31, 2020 valuation

Effective December 31, 2013, the outstanding balance of the UAAL from the December 31, 2012 valuation was combined and re-amortized over a declining 20-year period. Any changes in UAAL due to actuarial gains or losses or due to changes in assumptions or methods will be amortized over separate 20-year periods. Any changes in UAAL due to plan amendments will be amortized over separate 15-year periods and any change in UAAL due to early retirement incentive programs will be amortized over a separate period of up to 5 years.

December 31, 2021 valuation

Effective December 31, 2013, the outstanding balance of the UAAL from the December 31, 2012 valuation was combined and re-amortized over a declining 20-year period. Any changes in UAAL due to actuarial gains or losses or due to changes in assumptions or methods will be amortized over separate 20-year periods. Any changes in UAAL due to plan amendments will be amortized over separate 15-year periods and any change in UAAL due to early retirement incentive programs will be amortized over a separate period of up to 5 years.

Asset valuation method

The Actuarial Value of Assets is determined by recognizing any difference between the actual and the expected market return over a five-year period. The Valuation Value of Assets is the Actuarial Value of Assets reduced by the value of the non-valuation reserves.

Section 2: GASB Information

Actuarial assumptions

Assumption Type	Assumption Used in the December 31, 2020 Actuarial Valuation	Assumption Used in the December 31, 2021 Actuarial Valuation
Investment rate of return	7.00%, net of pension plan administrative and investment expense, including inflation	7.00%, net of pension plan administrative and investment expense, including inflation
Inflation rate	2.50%	2.50%
“Across-the-board” salary increase	0.50%	0.50%
Salary increases	General: 4.00% to 11.00% Safety: 4.60% to 15.00% The above salary increases vary by service and include inflation and “across-the-board” salary increase	General: 4.00% to 11.00% Safety: 4.60% to 15.00% The above salary increases vary by service and include inflation and “across-the-board” salary increase
Cost-of-living adjustments	Retiree COLA increases of 2.75% per year For members that have COLA banks, we assume they receive 3.00% COLA increases until their COLA banks are exhausted and 2.75% thereafter	Retiree COLA increases of 2.75% per year For members that have COLA banks, we assume they receive 3.00% COLA increases until their COLA banks are exhausted and 2.75% thereafter
Other assumptions	Same as those used in the funding actuarial valuation as of December 31, 2020	Same as those used in the funding actuarial valuation as of December 31, 2021

Appendix A: Projection of Plan Fiduciary Net Position

Projection of Plan Fiduciary Net Position for use in the Calculation of Discount Rate as of December 31, 2023 (\$ in millions)

Year Beginning January 1	Beginning Plan Fiduciary Net Position (a)	Total Contributions ¹ (b)	Benefit Payments (c)	Administrative Expenses (d)	Investment Earnings (e)	Ending Plan Fiduciary Net Position (a) + (b) – (c) – (d) + (e)
2023	\$19,690	\$1,027	\$1,216	\$29	\$2,325	\$21,797
2024	21,797	1,046	1,299	32	1,516	23,028
2025	23,028	1,054	1,372	34	1,600	24,276
2026	24,276	1,074	1,446	36	1,685	25,553
2027	25,553	1,119	1,523	38	1,774	26,886
2028	26,886	1,108	1,601	40	1,864	28,216
2029	28,216	1,114	1,682	42	1,954	29,561
2030	29,561	1,122	1,765	44	2,046	30,920
2031	30,920	1,130	1,848	46	2,138	32,294
2032	32,294	1,138	1,933	48	2,232	33,683
2048	39,177	215	3,042	58	2,643	38,935
2049	38,935	205	3,076	57	2,624	38,630
2050	38,630	195	3,106	57	2,601	38,264
2051	38,264	186	3,132	56	2,575	37,837
2097	26,935	55	143	40	1,881	28,688
2098	28,688	56	112	42	2,005	30,594
2099	30,594	57	87	45	2,139	32,658
2100	32,658	59	66	48	2,284	34,886
2131	264,762	391 ²	0	391	18,533	283,295 ³

¹ Of all the projected total contributions, only the first year's (i.e., 2023) contribution has been reduced by discount for prepaid contributions and transfers from County Investment Account, if any.

² Mainly attributable to employer contributions to fund each year's annual administrative expenses.

³ The Plan Fiduciary Net Position of \$283,295 million has a value of \$190 million as of December 31, 2023 when discounted with interest at the rate of 7.00% per annum. Of this amount, about \$146 million is the balance available in the County Investment Account and \$16 million is the O.C. Sanitation District UAAL Deferred Account as of December 31, 2023.

Appendix A: Projection of Plan Fiduciary Net Position

Notes

1. Amounts may not total exactly due to rounding.
2. Amounts shown in the year beginning January 1, 2023 row are actual amounts, based on the final audited financial statements provided by OCERS.
3. Certain years have been omitted from the table.
4. **Column (a):** Except for the "discounted value" for 2131 shown in footnote 3 on the previous page, all of the projected beginning Plan FNP amounts shown have not been adjusted for the time value of money.
5. **Column (b):** We have not utilized the balance in the County Investment Account to reduce the projected total contributions even though those amounts have been used to reduce the NPL for the County as of December 31, 2023.
6. **Column (b):** Projected total contributions include member and employer normal cost rates applied to closed group projected payroll (based on covered active members as of December 31, 2022), plus employer contributions to the Unfunded Actuarial Accrued Liability. Contributions are assumed to occur halfway through the year, on average.
7. **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 December 31, 2022. The projected benefit payments reflect the cost-of-living increase assumptions used in the December 31, 2023 valuation report.
8. **Column (d):** Projected administrative expenses are calculated as approximately 0.15% of the projected beginning Plan FNP amount. The 0.15% portion was based on the actual calendar year 2023 administrative expenses (unaudited) as a percentage of the actual beginning Plan FNP as of January 1, 2023. Administrative expenses are assumed to occur halfway through the year, on average.
9. **Column (e):** Projected investment earnings are based on the assumed investment rate of return of 7.00% per annum and reflect the assumed timing of cashflows, as noted above.
10. As illustrated in this appendix, the Plan FNP 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 7.00% per annum was applied to all periods of projected benefit payments to determine the TPL as of December 31, 2023 shown earlier in this report, pursuant to paragraph 44 of GASB Statement No. 67.

Appendix B: Definition of terms

Definitions of certain terms as they are used in GASB Statement No. 67. The terms may have different meanings in other contexts.

Term	Definition
Active employees	Individuals employed at the end of the reporting or measurement period, as applicable.
Actual contributions	Cash contributions recognized as additions to the 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.
Agent employer	An employer whose employees are provided with pensions through an agent multiple-employer defined benefit pension plan.
Agent multiple-employer defined benefit pension plan (agent pension plan)	A multiple-employer defined benefit pension plan in which pension plan assets are pooled for investment purposes but separate accounts are maintained for each individual employer so that each employer's share of the pooled assets is legally available to pay the benefits of only its employees.
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).

Appendix B: Definition of terms

Term	Definition
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.
Contributions	Additions to the 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 a pension plan are based.
Deferred retirement option program (DROP)	A program that permits an employee to elect a calculation of benefit payments based on service credits and salary, as applicable, as of the DROP entry date. The employee continues to provide service to the employer and is paid for that service by the employer after the DROP entry date; however, the pensions that would have been paid to the employee (if the employee had retired and not entered the DROP) are credited to an individual employee account within the defined benefit pension plan until the end of the DROP period.
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 GASB Statement No. 67.)
Defined contribution pension plans	Pension plans that are used to provide defined contribution pensions.

Appendix B: Definition of terms

Term	Definition
Defined contribution pensions	<p>Pensions having terms that:</p> <ol style="list-style-type: none"> 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.
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: <ol style="list-style-type: none"> a. The amount of the Plan Fiduciary Net Position is projected (under the requirements of GASB Statement No. 67) 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>

Appendix B: Definition of terms

Term	Definition
Non-employer contributing entities	Entities that make contributions to a pension plan that is used to provide pensions to the employees of other entities.
Other postemployment benefits	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.
Pension plans	Arrangements through which pensions are determined, assets dedicated for pensions are accumulated and managed and benefits are paid as they come due.
Pensions	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.
Plan members	Individuals that are covered under the terms of a pension plan. Plan members generally include: <ol style="list-style-type: none"> <li data-bbox="747 683 1451 716">1. Employees in active service (active plan members), and <li data-bbox="747 717 1801 781">2. Terminated employees who have accumulated benefits but are not yet receiving them and retirees or their beneficiaries currently receiving benefits (inactive plan members).
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.

Appendix B: Definition of terms

Term	Definition
Special funding situations	<p>Circumstances in which a non-employer entity is legally responsible for making contributions directly to a pension plan that is used to provide pensions to the employees of another entity or entities and either of the following conditions exists:</p> <ol style="list-style-type: none"> 1. The amount of contributions for which the non-employer entity legally is responsible is not dependent upon one or more events or circumstances unrelated to the pensions. 2. The non-employer entity is the only entity with a legal obligation to make contributions directly to a pension plan.
Termination benefits	<p>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.</p>
Total Pension Liability (TPL)	<p>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 GASB Statement No. 67.</p>

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