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GASB 74/75 ACTUARIAL VALUATION

Fiscal Year Ending June 30, 2024

JURUPA COMMUNITY SERVICES DISTRICT

CONTACT

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Table of Contents

	Page
Certification	1
Executive Summary	3
GASB Disclosures	
Schedule of Changes in Net OPEB Liability and Related Ratios	5
Schedule of Employer Contributions	7
OPEB Expense	8
Deferred Outflows / (Inflows) of Resources	9
Sensitivity Results	12
Asset Information	13
Actuarially Determined Contributions	15
Projection of GASB Disclosures	16
Cash Flow Projections	17
Discussion of Discount Rates	18
Summary of Plan Participants	19
Substantive Plan Provisions	22
Actuarial Methods and Assumptions	25
Appendix	33
Comparison of Participant Demographic Information	34
Detailed Actuary's Notes	35
Valuation Results Summary	36
Glossary	37
Decrements Exhibit	38
Retirement Rates Exhibit	39
Definitions	40

May 22, 2024

Mr. Moises Leandro, Accounting Supervisor
Jurupa Community Services District
11201 Harrel Street
Mira Loma, CA 91752

This report summarizes the GASB actuarial valuation for the Jurupa Community Services District 2023/24 fiscal year. To the best of our knowledge, the report presents a fair position of the funded status of the plan in accordance with GASB Statement No. 74 (Financial Reporting for Post-Employment Benefit Plans Other Than Pension Plans) and GASB Statement No. 75 (Accounting and Financial Reporting by Employers for Post-Employment Benefits Other Than Pensions). This report may not be appropriate for other purposes. Please contact Nyhart prior to disclosing this report to any other party or relying on its content for any purpose other than that explained above. Failure to do so may result in misrepresentation or misinterpretation of this report.

The information presented herein is based on the actuarial assumptions and substantive plan provisions summarized in this report and participant information furnished to us by the Plan Sponsor. Asset information has been provided to us by the trustee. We have reviewed the employee census provided by the Plan Sponsor for reasonableness when compared to the prior information provided but have not audited the information at the source, and therefore do not accept responsibility for the accuracy or the completeness of the data on which the information is based. When relevant data may be missing, we may have made assumptions we feel are neutral or conservative to the purpose of the measurement. We are not aware of any significant issues with and have relied on the data provided.

The discount rate, other economic assumptions, and demographic assumptions have been selected by the Plan Sponsor with the concurrence of Nyhart. In our opinion, the actuarial assumptions are individually reasonable and in combination represent our estimate of anticipated experience of the Plan. All calculations have been made in accordance with generally accepted actuarial principles and practice.

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;
- increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and
- changes in plan provisions or applicable law.

We did not perform an analysis of the potential range of future measurements due to the limited scope of our engagement.

To our knowledge, there have been no significant events prior to the current year's measurement date or as of the date of this report that could materially affect the results contained herein.



Neither Nyhart nor any of its employees has any relationship with the plan or its sponsor that could impair or appear to impair the objectivity of this report. Our professional work is in full compliance with the American Academy of Actuaries "Code of Professional Conduct" Precept 7 regarding conflict of interest. The undersigned are compliant with the continuing education requirements of the Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States.

Should you have any questions please do not hesitate to contact us.

A handwritten signature in black ink that reads "Sandy DeKalb". The signature is written in a cursive style.

Sandy DeKalb, ASA, MAAA
Actuary

A handwritten signature in black ink that reads "Nisha Sundi". The signature is written in a cursive style.

Nisha Sundi, FSA, MAAA
Actuary

Executive Summary

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Summary of Results

Presented below is the summary of GASB 75 results for the fiscal year ending June 30, 2024 compared to the prior fiscal year as shown in the District's Notes to Financial Statement.

	As of June 30, 2023	As of June 30, 2024
Total OPEB Liability	\$ 18,502,857	\$ 18,225,522
Actuarial Value of Assets	\$ (6,446,838)	\$ (7,923,077)
Net OPEB Liability	\$ 12,056,019	\$ 10,302,445
Funded Ratio	34.8%	43.5%

	FY 2022/23	FY 2023/24
OPEB Expense	\$ 501,136	\$ 511,532
Annual Employer Contributions	\$ 1,858,135	\$ 1,874,314
Actuarially Determined Contribution	\$ 1,639,270	\$ 1,714,906

	As of June 30, 2023	As of June 30, 2024
Discount Rate	6.00%	6.00%
Expected Return on Assets	6.00%	6.00%

	As of June 30, 2024
Total Active Participants	177
Total Retiree Participants	49

The active participants' number above may include active employees who currently have no health care coverage. Refer to Summary of Participants section for an accurate breakdown of active employees with and without coverage.

Executive Summary

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Summary of Results

Below is a breakdown of total GASB 75 liabilities allocated to past and current service compared to the prior year. The table below also provides a breakdown of the Total OPEB Liability allocated to pre- and post- Medicare eligibility. The liability shown below includes explicit (if any) and implicit subsidies. Refer to the Substantive Plan Provisions section for complete information on the Plan Sponsor's GASB subsidies.

Present Value of Future Benefits	As of June 30, 2023	As of June 30, 2024
Active Employees	\$ 15,508,819	\$ 14,560,626
Retired Employees	9,844,459	9,727,524
Total Present Value of Future Benefits	\$ 25,353,278	\$ 24,288,150

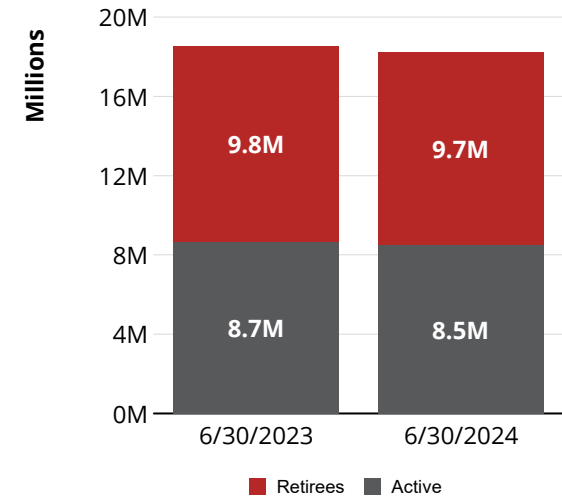
Total OPEB Liability	As of June 30, 2023	As of June 30, 2024
Active Pre-Medicare	\$ 4,316,127	\$ 4,524,635
Active Post-Medicare	4,342,271	3,973,363
Active Liability	\$ 8,658,398	\$ 8,497,998

Retiree Pre-Medicare	\$ 3,532,323	\$ 4,338,323
Retiree Post-Medicare	6,312,136	5,389,201
Retiree Liability	\$ 9,844,459	\$ 9,727,524

Total OPEB Liability	\$ 18,502,857	\$ 18,225,522
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	As of June 30, 2023	As of June 30, 2024
Discount Rate	6.00%	6.00%

Changes In Total OPEB Liability



Present Value of Future Benefits (PVFB) is the amount needed as of June 30, 2024 and June 30, 2023, to fully fund the District's retiree health care subsidies for existing and future retirees and their dependents assuming all actuarial assumptions are met.

Total OPEB Liability is the portion of PVFB considered to be accrued or earned as of June 30, 2024 and June 30, 2023. This amount is a required disclosure in the Required Supplementary Information section.

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Schedule of Changes in Net OPEB Liability and Related Ratios

OPEB Liability	FY 2023/24	FY 2022/23	FY 2021/22	FY 2020/21	FY 2019/20
Total OPEB Liability					
Total OPEB Liability - beginning of year	\$ 18,502,857	\$ 16,944,849	\$ 15,399,389	\$ 23,814,241	\$ 19,633,426
Service cost	551,979	469,584	433,577	920,292	874,115
Interest	1,117,443	1,155,485	1,080,360	925,871	873,228
Change of benefit terms	0	0	0	0	0
Changes in assumptions	1,530,607	1,736,559	623,226	(8,573,886)	372,735
Differences between expected and actual experience	(2,603,050)	(945,485)	220,550	(941,145)	2,648,616
Benefit payments	(874,314)	(858,135)	(812,253)	(745,984)	(587,879)
Net change in total OPEB liability	\$ (277,335)	\$ 1,558,008	\$ 1,545,460	\$ (8,414,852)	\$ 4,180,815
Total OPEB Liability - end of year	\$ 18,225,522	\$ 18,502,857	\$ 16,944,849	\$ 15,399,389	\$ 23,814,241
Plan Fiduciary Net Position					
Plan fiduciary net position - beginning of year	\$ 6,446,838	\$ 6,450,101	\$ 4,103,112	\$ 2,970,170	\$ 2,798,125
Contributions - employer	1,874,314	1,858,135	1,812,253	1,745,984	587,879
Contributions - active employees	0	0	0	0	0
Net investment income	478,393	(1,001,392)	1,348,884	134,855	172,644
Benefit payments	(874,314)	(858,135)	(812,253)	(745,984)	(587,879)
Trust administrative expenses	(2,154)	(1,871)	(1,895)	(1,913)	(599)
Net change in plan fiduciary net position	\$ 1,476,239	\$ (3,263)	\$ 2,346,989	\$ 1,132,942	\$ 172,045
Plan fiduciary net position - end of year	\$ 7,923,077	\$ 6,446,838	\$ 6,450,101	\$ 4,103,112	\$ 2,970,170
Net OPEB Liability - end of year	\$ 10,302,445	\$ 12,056,019	\$ 10,494,748	\$ 11,296,277	\$ 20,844,071
Plan fiduciary net position as % of total OPEB liability	43.5%	34.8%	38.1%	26.6%	12.5%
Covered employee payroll	\$ 15,198,748	\$ 13,130,700	\$ 12,779,270	\$ 10,156,745	\$ 9,884,910
Net OPEB liability as % of covered payroll	67.8%	91.8%	82.1%	111.2%	210.9%

* Amounts above reflect a beginning of year measurement date; so the reconciliation for FY 2023/24 is from July 1, 2022 to June 30, 2023.

** FY 2023/24 employer contributions and benefit payments are for the period July 1, 2022 to June 30, 2023 and include direct contributions to the CERBT Trust, actual contributions made outside of the trust as provided by the District and estimated implicit subsidy benefit payments from the FY 2022/23 valuation.

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Schedule of Changes in Net OPEB Liability and Related Ratios (Continued)

OPEB Liability	FY 2018/19	FY 2017/18
Total OPEB Liability		
Total OPEB Liability - beginning of year	\$ 20,635,288	\$ 19,380,391
Service cost	1,003,674	968,330
Interest	781,819	734,553
Change of benefit terms	0	0
Changes in assumptions	(2,348,814)	0
Differences between expected and actual experience	0	0
Benefit payments	(438,541)	(447,986)
Net change in total OPEB liability	\$ (1,001,862)	\$ 1,254,897
Total OPEB Liability - end of year	\$ 19,633,426	\$ 20,635,288
Plan Fiduciary Net Position		
Plan fiduciary net position - beginning of year	\$ 2,596,366	\$ 2,349,545
Contributions - employer	438,541	447,986
Contributions - active employees	0	0
Net investment income	206,579	248,081
Benefit payments	(438,541)	(447,986)
Trust administrative expenses	(4,817)	(1,259)
Net change in plan fiduciary net position	\$ 201,762	\$ 246,822
Plan fiduciary net position - end of year	\$ 2,798,128	\$ 2,596,367
Net OPEB Liability - end of year	\$ 16,835,298	\$ 18,038,921
Plan fiduciary net position as % of total OPEB liability	14.3%	12.6%
Covered employee payroll	\$ 9,597,000	\$ 9,597,000
Net OPEB liability as % of covered payroll	175.4%	188.0%

* Amounts above reflect a beginning of year measurement date.

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Schedule of Employer Contributions

The Actuarially Determined Contributions (ADC) shown below are based on the Annual Required Contribution (ARC) calculated in prior GASB 45 actuarial valuations as shown in the District's financial statements.

	FY 2023/24	FY 2022/23	FY 2021/22	FY 2020/21	FY 2019/20
Actuarially Determined Contribution (ADC)	\$ 1,714,906	\$ 1,639,270	\$ 1,691,781	\$ 3,273,280	\$ 1,562,769
Contributions in relation to the ADC	1,976,048	1,874,314	1,858,135	1,812,253	1,745,984
Contribution deficiency/(excess)	\$ (261,142)	\$ (235,044)	\$ (166,354)	\$ 1,461,027	\$ (183,215)
Covered employee payroll	\$ 15,616,714	\$ 15,198,748	\$ 13,130,700	\$ 12,779,270	\$ 10,156,745
Contribution as a % of covered payroll	12.7%	12.3%	14.2%	14.2%	17.2%

* Contributions in relation to the ADC and payroll are for the actual fiscal year and do not reflect the beginning of year measurement date as shown on prior pages.

** FY 2023/24 payroll is estimated from the payroll for the period July 1, 2022 to June 30, 2023 using a salary scale of 2.75%.

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

OPEB Expense

OPEB Expense	FY 2023/24	FY 2022/23
Discount Rate		
Beginning of year	6.00%	6.80%
End of year	6.00%	6.00%
Service cost	\$ 551,979	\$ 469,584
Interest	1,117,443	1,155,485
Change of benefit terms	0	0
Projected earnings on OPEB plan investments	(416,310)	(471,985)
Reduction for contributions from active employees	0	0
OPEB plan administrative expenses	2,154	1,871
Current period recognition of deferred outflows / (inflows) of resources		
Differences between expected and actual experience	\$ (13,948)	\$ 186,287
Changes in assumptions	(832,699)	(950,438)
Net difference between projected and actual earnings on OPEB plan investments	102,913	110,332
Total current period recognition	\$ (743,734)	\$ (653,819)
Total OPEB expense	\$ 511,532	\$ 501,136

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Deferred Outflows / (Inflows) of Resources

Deferred Outflows / (Inflows) of Resources represents the following items that have not been recognized in the OPEB Expense:

1. Differences between expected and actual experience of the OPEB plan
2. Changes of assumptions
3. Differences between projected and actual earnings in OPEB plan investments (for funded plans only)

The initial amortization period for the first two items noted above is based on expected future service lives while the difference between the projected and actual earnings in OPEB plan investment is amortized over five years. All balances are amortized linearly on a principal only basis and new bases will be created annually for each of the items above.

Differences between expected and actual experience for FYE	Initial Balance	Initial Amortization Period	Annual Recognition	Unamortized Balance as of June 30, 2024
June 30, 2018	\$ 0	N/A	\$ 0	\$ 0
June 30, 2019	\$ 0	N/A	\$ 0	\$ 0
June 30, 2020	\$ 2,648,616	8	\$ 331,077	\$ 993,231
June 30, 2021	\$ (941,145)	10	\$ (94,115)	\$ (564,685)
June 30, 2022	\$ 220,550	10	\$ 22,055	\$ 154,385
June 30, 2023	\$ (945,485)	13	\$ (72,730)	\$ (800,025)
June 30, 2024	\$ (2,603,050)	13	\$ (200,235)	\$ (2,402,815)

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Deferred Outflows / (Inflows) of Resources (Continued)

Changes in assumptions for FYE	Initial Balance	Initial Amortization Period	Annual Recognition	Unamortized Balance as of June 30, 2024
June 30, 2018	\$ 0	N/A	\$ 0	\$ 0
June 30, 2019	\$ (2,348,814)	7	\$ (335,545)	\$ (335,544)
June 30, 2020	\$ 372,735	8	\$ 46,592	\$ 139,775
June 30, 2021	\$ (8,573,886)	10	\$ (857,389)	\$ (5,144,330)
June 30, 2022	\$ 623,226	10	\$ 62,323	\$ 436,257
June 30, 2023	\$ 1,736,559	13	\$ 133,581	\$ 1,469,397
June 30, 2024	\$ 1,530,607	13	\$ 117,739	\$ 1,412,868

Net Difference between projected and actual earnings in OPEB plan investments for FYE	Initial Balance	Initial Amortization Period	Annual Recognition	Unamortized Balance as of June 30, 2024
June 30, 2020	\$ 23,204	5	\$ 4,640	\$ 0
June 30, 2021	\$ 107,399	5	\$ 21,480	\$ 21,479
June 30, 2022	\$ (1,027,323)	5	\$ (205,465)	\$ (410,928)
June 30, 2023	\$ 1,473,377	5	\$ 294,675	\$ 884,027
June 30, 2024	\$ (62,083)	5	\$ (12,417)	\$ (49,666)

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Deferred Outflows / (Inflows) of Resources (Continued)

As of fiscal year ending June 30, 2024	Deferred Outflows	Deferred Inflows
Differences between expected and actual experience	\$ 1,147,616	\$ (3,767,525)
Changes in assumptions	3,458,297	(5,479,874)
Net difference between projected and actual earnings in OPEB plan investments	444,912	0
Contributions subsequent to the measurement date	1,976,048	N/A
Total	\$ 7,026,873	\$ (9,247,399)

Annual Amortization of Deferred Outflows / (Inflows)

The balances as of fiscal year ending June 30, 2024 of the deferred outflows / (inflows) of resources will be recognized in OPEB expense in the future fiscal years as noted below. Balances shown below do not include the recognition of any deferred outflows for contributions subsequent to the measurement date.

FYE	Balance
2025	\$ (748,374)
2026	\$ (434,307)
2027	\$ (228,843)
2028	\$ (901,186)
2029	\$ (888,771)
Thereafter	\$ (995,093)

* Contributions subsequent to measurement date are for the period July 1, 2023 to June 30, 2024 and include direct contributions to the trust, estimated pay-go costs as provided by the District, and implicit subsidy benefit payments.

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Sensitivity Results

The following presents the Net OPEB Liability as of June 30, 2024, calculated using the discount rate assumed and what it would be using a 1% higher and 1% lower discount rate.

- The current discount rate is 6.00%.
- The 1% decrease in discount rate would be 5.00%.
- The 1% increase in discount rate would be 7.00%.

As of June 30, 2024	Net OPEB Liability
1% Decrease	\$ 12,747,481
Current Discount Rate	\$ 10,302,445
1% Increase	\$ 8,285,342

The following presents the Net OPEB Liability as of June 30, 2024, using the health care trend rates assumed and what it would be using 1% higher and 1% lower health care trend rates.

- The current health care trend rate starts at an initial rate of 8.00%, decreasing to an ultimate rate of 4.50%.
- The 1% decrease in health care trend rates would assume an initial rate of 7.00%, decreasing to an ultimate rate of 3.50%.
- The 1% increase in health care trend rates would assume an initial rate of 9.00%, decreasing to an ultimate rate of 5.50%.

As of June 30, 2024	Net OPEB Liability
1% Decrease	\$ 7,996,394
Current Trend Rates	\$ 10,302,445
1% Increase	\$ 13,175,860

* Health care trend rates also include the impact of increases or decreases to post-65 medical/rx and PEMHCA Minimum Required Contribution (MRC) trend rates. The current trend rates for post-65 benefits are an initial rate of 6.50% decreasing by 0.25% per year to an ultimate rate of 4.50%. The current trend rates for the MRC benefits are 4.00% per year.

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Asset Information

Asset Breakdown	FY 2022/23	FY 2023/24
Assets		
Cash and deposits	\$ 0	\$ 0
Securities lending cash collateral	0	0
Total cash	\$ 0	\$ 0
Receivables		
Contributions	\$ 0	\$ 0
Accrued interest	0	0
Total receivables	\$ 0	\$ 0
Investments		
Fixed income	\$ 0	\$ 0
Equities	0	0
Mutual Funds	6,446,838	7,923,077
Total investments	\$ 6,446,838	\$ 7,923,077
Total Assets	\$ 6,446,838	\$ 7,923,077
Liabilities		
Payables		
Investment management fees	\$ 0	\$ 0
Securities lending expense	0	0
Total liabilities	\$ 0	\$ 0
Net Position Restricted to OPEB	\$ 6,446,838	\$ 7,923,077

* FY 2023/24 assets are consistent with the CERBT GASB 75 Schedule of Changes in Fiduciary Net Position by Employer as of and for the year ended June 30, 2023.

** FY 2022/23 assets are consistent with the CERBT GASB 75 Schedule of Changes in Fiduciary Net Position by Employer as of and for the year ended June 30, 2022.

GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

Asset Information (Continued)

Asset Reconciliation	FY 2022/23	FY 2023/24
Additions		
Contributions Received		
Employer	\$ 1,858,135	\$ 1,874,314
Active employees	0	0
Total contributions	\$ 1,858,135	\$ 1,874,314
Investment Income		
Net increase in fair value of investments	\$ (1,001,392)	\$ 478,393
Interest and dividends	0	0
Investment expense, other than from securities lending	0	0
Securities lending income	0	0
Securities lending expense	0	0
Net investment income	\$ (1,001,392)	\$ 478,393
Total additions	\$ 856,743	\$ 2,352,707
Deductions		
Benefit payments	\$ 858,135	\$ 874,314
Administrative expenses	1,871	2,154
Other	0	0
Total deductions	\$ 860,006	\$ 876,468
Net increase in net position	\$ (3,263)	\$ 1,476,239
Net position restricted to OPEB		
Beginning of year	\$ 6,450,101	\$ 6,446,838
End of year	\$ 6,446,838	\$ 7,923,077

* FY 2023/24 assets are consistent with the CERBT GASB 75 Schedule of Changes in Fiduciary Net Position by Employer as of and for the year ended June 30, 2023.

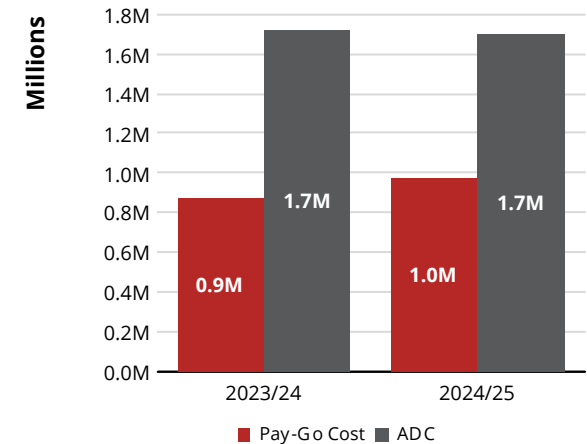
** FY 2022/23 assets are consistent with the CERBT GASB 75 Schedule of Changes in Fiduciary Net Position by Employer as of and for the year ended June 30, 2022.

Actuarially Determined Contributions

Jurupa Community Services District GASB 74/75 Valuation For Fiscal Year Ending June 30, 2024

	FY 2023/24		FY 2024/25	
Discount rate (Funding)	6.00%		6.00%	
Payroll growth factor used for amortization	2.75%		2.75%	
Actuarial cost method	Entry Age Normal	Level % of Salary	Entry Age Normal	Level % of Salary
Amortization type	Level Dollar		Level Dollar	
Amortization period (years)	14		13	
Actuarial Accrued Liability (AAL) - beginning of year	\$	18,225,522	\$	18,920,669
Actuarial Value of Assets (AVA) - beginning of year		(7,923,077)		(9,425,299)
Unfunded AAL - beginning of year	\$	10,302,445	\$	9,495,370
Normal Cost	\$	572,187	\$	587,922
Amortization of Unfunded AAL		1,045,649		1,011,885
Total normal cost plus amortization	\$	1,617,836	\$	1,599,807
Interest to end of year		97,070		95,988
Actuarially Determined Contribution - Preliminary	\$	1,714,906	\$	1,695,795
Expected Benefit Payments		874,314		976,048

Cash Vs Accrual Accounting



Actuarially Determined Contribution (ADC) is the target or recommended contribution to a defined benefit OPEB plan, which if paid on an ongoing basis, will provide sufficient resources to fund future costs for services to be earned and liabilities attributed to past services. This is typically higher than the pay-as-you-go cost because it includes recognition of employer costs expected to be paid in future accounting periods.

* 2023/24 liabilities are as of June 30, 2023. 2024/25 liabilities are projected to June 30, 2024 based on the FY 2023/24 valuation.

** Assets used for the 2023/24 ADC calculation are consistent with the CERBT GASB 75 Schedule of Changes in Fiduciary Net Position by Employer as of and for the year ended June 30, 2023.

*** Assets used for the 2024/25 ADC calculation are consistent with the June 30, 2023 CERBT statement, projected to June 30, 2024 assuming a 6% investment return.

Projection of GASB Disclosures

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

The Total OPEB Liability (TOL) is expected to change on an annual basis as a result of expected and unexpected events. Under normal circumstances, it is generally expected to have a net increase each year. Below is a list of the most common events affecting the total OPEB liability and whether they increase or decrease the liability.

Expected Events

- Increases in TOL due to additional benefit accruals as employees continue to earn service each year
- Increases in TOL due to interest as the employees and retirees age
- Decreases in TOL due to benefit payments

Unexpected Events

- Increases in TOL when actual health care costs increase more than expected. A liability decrease occurs when the reverse happens.
- Increases in TOL when more new retirements occur than expected or fewer terminations occur than anticipated. Liability decreases occur when the opposite outcomes happen.
- Increases or decreases in TOL depending on whether benefits are improved or reduced.

Projection of Total OPEB Liability (TOL)	FY 2023/24	FY 2024/25
TOL as of beginning of year	\$ 18,502,857	\$ 18,225,522
Normal cost as of beginning of year	551,979	572,187
Exp. benefit payments during the year	(874,314)	(976,048)
Interest adjustment to end of year	1,117,443	1,099,008
Exp. TOL as of end of year	\$ 19,297,965	\$ 18,920,669
Actuarial Loss / (Gain)	(1,072,443)	TBD
Actual TOL as of end of year	\$ 18,225,522	\$ TBD

Discount rate as of beginning of year	6.00%	6.00%
Discount rate as of end of year	6.00%	TBD

Projection of Actuarial Value of Assets (AVA)	FY 2023/24	FY 2024/25
AVA as of beginning of year	\$ 6,446,838	\$ 7,923,077
Exp. employer contributions during the year	1,874,314	1,976,048
Exp. benefit payments during the year	(874,314)	(976,048)
Expected investment income	416,310	504,869
Exp. Trust administrative expenses	(2,154)	(2,647)
Exp. AVA as of end of year	\$ 7,860,994	\$ 9,425,299
Differences between expected and actual experience	62,083	TBD
AVA as of end of year	\$ 7,923,077	\$ TBD

Expected asset return as of beginning of year	6.00%	6.00%
Expected asset return as of end of year	6.00%	TBD

* Normal cost shown reflects the beginning of year measurement date, meaning that the normal cost shown for FY 2023/24 is from July 1, 2022 to June 30, 2023.

** Benefit payments for FY 2024/25 are for the period July 1, 2023 to June 30, 2024 and include estimated pay-go costs as provided by the District.

*** Employer contributions for FY 2024/25 are for the period July 1, 2023 to June 30, 2024 and include estimated pay-go costs as provided by the District, the \$1,000,000 contribution, and estimated implicit subsidy benefit payments from the FY 2023/24 valuation.

**** FY 2024/25 assets are consistent with the CERBT GASB 75 Schedule of Changes in Fiduciary Net Position by Employer as of and for the year ended June 30, 2023 projected to June 30, 2024 using a 6% expected return.

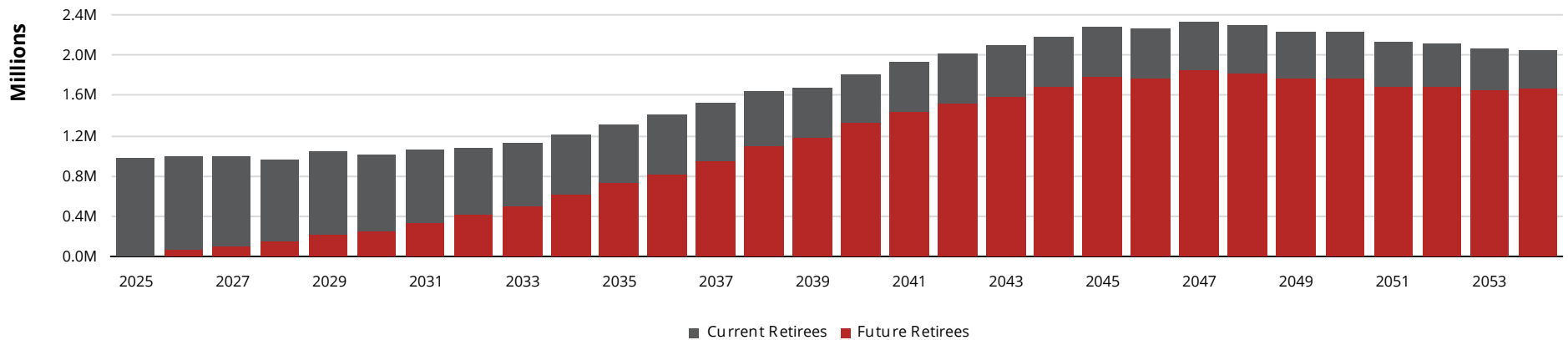
Cash Flow Projections

Jurupa Community Services District GASB 74/75 Valuation for Fiscal Year Ending June 30, 2024

The below projections show the actuarially estimated employer-paid contributions for retiree health benefits for the next thirty years. Results are shown separately for a closed group of current/future retirees. These projections include explicit and implicit subsidies.

FYE	Current Retirees	Future Retirees*	Total	FYE	Current Retirees	Future Retirees*	Total	FYE	Current Retirees	Future Retirees*	Total
2025	\$ 976,048	\$ 0	\$ 976,048	2035	\$ 578,531	\$ 726,999	\$ 1,305,530	2045	\$ 497,451	\$ 1,783,609	\$ 2,281,060
2026	\$ 922,008	\$ 71,808	\$ 993,816	2036	\$ 592,072	\$ 809,646	\$ 1,401,718	2046	\$ 493,125	\$ 1,770,423	\$ 2,263,548
2027	\$ 880,989	\$ 106,545	\$ 987,534	2037	\$ 583,536	\$ 938,973	\$ 1,522,509	2047	\$ 486,701	\$ 1,849,602	\$ 2,336,303
2028	\$ 804,252	\$ 155,722	\$ 959,974	2038	\$ 541,838	\$ 1,098,531	\$ 1,640,369	2048	\$ 478,067	\$ 1,823,817	\$ 2,301,884
2029	\$ 831,818	\$ 214,225	\$ 1,046,043	2039	\$ 487,931	\$ 1,180,950	\$ 1,668,881	2049	\$ 467,152	\$ 1,768,131	\$ 2,235,283
2030	\$ 754,452	\$ 248,993	\$ 1,003,445	2040	\$ 492,944	\$ 1,318,692	\$ 1,811,636	2050	\$ 453,934	\$ 1,773,285	\$ 2,227,219
2031	\$ 740,240	\$ 323,878	\$ 1,064,118	2041	\$ 496,791	\$ 1,446,593	\$ 1,943,384	2051	\$ 438,440	\$ 1,693,312	\$ 2,131,752
2032	\$ 658,040	\$ 415,571	\$ 1,073,611	2042	\$ 499,324	\$ 1,517,502	\$ 2,016,826	2052	\$ 420,760	\$ 1,692,052	\$ 2,112,812
2033	\$ 633,153	\$ 497,396	\$ 1,130,549	2043	\$ 500,388	\$ 1,593,858	\$ 2,094,246	2053	\$ 401,044	\$ 1,661,613	\$ 2,062,657
2034	\$ 583,813	\$ 618,602	\$ 1,202,415	2044	\$ 499,819	\$ 1,683,185	\$ 2,183,004	2054	\$ 379,496	\$ 1,665,510	\$ 2,045,006

Projected Employer Pay-go Cost



* Projections for future retirees do not take into account future new hires.

** Projected Employer Contributions reflect a beginning of year measurement date so the FY 2025 contributions are the projected contributions for the measurement period from July 1, 2023 to June 30, 2024.

*** FYE 2025 projections include estimated benefit payments for the period July 1, 2023 to June 30, 2024 as provided by the District.

Discussion of Discount Rates

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Under GASB 75, the discount rate used in valuing OPEB liabilities for funded plans as of the Measurement Date must be based on the long-term expected rate of return on OPEB plan investments that are expected to be used to finance future benefit payments to the extent that (a) they are sufficient to pay for the projected benefit payments and (b) the OPEB plan assets are invested using a strategy that will achieve that return. When the OPEB plan investments are insufficient to cover future benefit payments, a yield for 20-year tax-exempt general obligation municipal bonds with an average rating of AA /Aa or higher (or equivalent quality on another rating scale) must be used.

For the current valuation:

1. The Plan is identified as an Agent Multiple-Employer Defined Benefit OPEB Plan. The long-term expected rate of return on OPEB plan investment is assumed to be 6.00%, consistent with information provided by CERBT. The OPEB Plan's target asset allocation effective October 2022 is summarized in the following table.
2. The discount rate used when the OPEB plan investments are insufficient to pay for future benefit payments are selected from the range of indices as shown in the table below, where the range is given as the spread between the lowest and highest rate shown.

Asset Class - CERBT Strategy 1	Target Allocation	L/T Expected Gross ROR ¹
Global Equity	49.00%	N/A
Fixed Income	23.00%	N/A
Treasury Inflation-Protected Securities (TIPS)	5.00%	N/A
Commodities	3.00%	N/A
Real Estate Investment Trusts ("REITs")	20.00%	N/A
Total	100.00%	6.00%

Yield as of	June 30, 2022	June 30, 2023
Bond Buyer Go 20-Bond Municipal Bond Index	3.54%	3.65%
S&P Municipal Bond 20-Year High Grade Rate Index	4.09%	4.13%
Fidelity 20-Year Go Municipal Bond Index	3.69%	3.86%
Bond Index Range	3.54% - 4.09%	3.65% - 4.13%

3. The final equivalent single discount rate used for this year's valuation is 6.00%. The District's funding policy is to fund an additional \$1,000,000 annually over the actual benefit payments until the plan is fully funded. Effective July 1, 2024, the amount funded by the District will increase to \$1,500,000 annually over the actual benefit payments.

¹ Consistent with the information provided by CERBT. L/T Expected Real ROR is not provided by asset class from CERBT and therefore shown as N/A here.

Summary of Plan Participants

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Active Employees

Actives	Total	Avg. Age	Avg. Svc
Total actives with coverage	118	44.6	9.1

Actives	Total	Avg. Age	Avg. Svc
Total actives without coverage	59	34.1	4.1

Summary of Plan Participants

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Active Age-Service Distribution

Age	Years of Service										Total	
	< 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up		
Under 25	12	8										20
25 to 29	1	8	3	1								13
30 to 34	1	8	8	4								21
35 to 39	4	5	7	4	4	1						25
40 to 44	4	2	7	6	12	2						33
45 to 49	1	3	4	1	9	9	1					28
50 to 54				7	3	3	1					14
55 to 59	2	1	3	4	1	1						12
60 to 64			1	2	3	1	1					8
65 to 69			1	1								2
70 & up			1									1
Total	25	35	35	30	32	17	3	0	0	0		177

Summary of Plan Participants

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Retirees

Retirees with coverage	Single	Non-Single	Total	Avg. Age
Total retirees with coverage	18	31	49	65.2

Retiree counts above include 2 surviving spouses.

Retiree counts above exclude 13 retirees without coverage that were excluded from the valuation.

Retiree Age Distribution

Age	Retirees
< 45	
45 to 49	
50 to 54	1
55 to 59	12
60 to 64	14
65 to 69	14
70 to 74	3
75 to 79	2
80 to 84	3
85 to 89	
90 & up	
Total	49

Substantive Plan Provisions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

This study analyzes the post-retirement health benefits provided by the District. Currently, eligible active employees are offered a choice of medical (including prescription drug coverage) plans through the CalPERS Health Program under the Public Employees’ Medical and Hospital Care Act (PEMHCA). The District offers the same medical plans to eligible retirees except once a retiree is eligible for Medicare, the retiree must join a Medicare HMO or Supplement Plan with Medicare being the primary payer.

Eligibility & Medical Benefit

Eligibility for retiree health benefits requires retirement from the District and PERS (typically on or after age 50 with at least 5 years of PERS eligible service). Surviving spouses of the eligible retiree are also eligible for the District’s contribution at the retiree rate. Retirees are not eligible for dental or vision benefits at retirement other than COBRA continuation.

Provided the retiree was hired before July 1, 2014 the District contributes 100% of the cost of coverage for the retiree and their dependents. For employees hired on or after March 1, 2008, the District’s contribution requires at least 10 years of PERS eligible service (at least 5 years of which is with the District) and is subject to a vesting schedule as follows:

CalPERS Service	District Contribution
10	50%
11	55%
12	60%
13	65%
14	70%
15	75%

CalPERS Service	District Contribution
16	80%
17	85%
18	90%
19	95%
20	100%

Employees hired on or after July 1, 2014, are not eligible for the above District contribution, but may still continue health coverage through the CalPERS Health Program, with the District paying the CalPERS minimum required employer contribution. The minimum required employer contributions is statutorily set under PEMHCA and is scheduled to increase in the future based on the medical portion of CPI.

CalPERS PEMHCA Minimum Required Contribution (MRC)

Calendar Year	MRC
2023	\$ 151
2024	\$ 157

Substantive Plan Provisions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Premium Rates

The District participates in the CalPERS Health Program, a community-rated program, for its medical coverage. The tables below summarize the 2024 and 2023 monthly medical premiums for the CalPERS medical plans. All premiums are effective for the calendar year.

2024 CalPERS Premiums - Region 2	Kaiser	BS Access+	BS Trio	PERS Gold	PERS Platinum	Sharp	UHC Harmony
Retiree Only	\$ 904.95	\$ 869.14	\$ 810.24	\$ 799.44	\$ 1,151.50	\$ 833.24	\$ 792.65
Retiree plus Spouse	\$ 1,809.90	\$ 1,738.28	\$ 1,620.48	\$ 1,598.88	\$ 2,303.00	\$ 1,666.48	\$ 1,585.30
Retiree Only – Medicare	\$ 324.79	\$ 392.68	\$ 392.68	\$ 406.60	\$ 448.15	\$ 256.53	\$ 341.72

2024 CalPERS Premiums - Region 2	UHC Alliance	Anthem HMO Select	Anthem HMO Traditional	Health Net Salud	PORAC
Retiree Only	\$ 837.88	\$ 807.71	\$ 1,034.38	\$ 684.77	\$ 926.00
Retiree plus Spouse	\$ 1,675.76	\$ 1,615.42	\$ 2,068.76	\$ 1,369.54	\$ 1,863.00
Retiree Only – Medicare	\$ 341.72	\$ 405.83	\$ 405.83	N/A	\$ 465.00

2024 CalPERS Premiums - Region 3	Kaiser	BS Access+	BS Trio	PERS Gold	PERS Platinum	PORAC
Retiree Only	\$ 865.41	\$ 756.65	\$ 704.69	\$ 785.28	\$ 1,131.47	\$ 926.00
Retiree plus Spouse	\$ 1,730.82	\$ 1,513.30	\$ 1,409.38	\$ 1,570.56	\$ 2,262.94	\$ 1,863.00
Retiree Only – Medicare	\$ 324.79	\$ 392.68	\$ 392.68	\$ 406.60	\$ 448.15	\$ 465.00

2024 CalPERS Premiums - Region 3	UHC Harmony	UHC Alliance	Anthem HMO Select	Anthem HMO Traditional	Health Net Salud
Retiree Only	\$ 734.76	\$ 826.44	\$ 841.13	\$ 1,012.67	\$ 630.13
Retiree plus Spouse	\$ 1,469.52	\$ 1,652.88	\$ 1,682.26	\$ 2,025.34	\$ 1,260.26
Retiree Only – Medicare	\$ 341.72	\$ 341.72	\$ 405.83	\$ 405.83	N/A

2024 CalPERS Premiums - Out of State	PERS Platinum	PORAC	Blue Shield	UHC Alliance
Retiree Only	\$ 1,146.86	\$ 1,056.00	N/A	N/A
Retiree plus Spouse	\$ 2,293.72	\$ 2,144.00	N/A	N/A
Retiree Only - Medicare	\$ 448.15	\$ 465.00	\$ 392.68	\$ 341.72

Substantive Plan Provisions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Premium Rates (cont.)

2023 CalPERS Premiums - Region 2	Kaiser	BS Access+	BS Trio	PERS Gold	PERS Platinum	Sharp	UHC Harmony
Retiree Only	\$ 756.21	\$ 842.61	\$ 760.71	\$ 695.93	\$ 1,014.80	\$ 764.96	\$ 781.58
Retiree plus Spouse	\$ 1,512.42	\$ 1,685.22	\$ 1,521.42	\$ 1,391.86	\$ 2,029.60	\$ 1,529.92	\$ 1,536.16
Retiree Only – Medicare	\$ 283.25	\$ 361.90	\$ 361.90	\$ 392.71	\$ 420.02	\$ 249.79	\$ 299.68

2023 CalPERS Premiums - Region 2	UHC Alliance	Anthem HMO Select	Anthem HMO Traditional	Health Net SmartCare	Health Net Salud	PORAC
Retiree Only	\$ 793.63	\$ 765.37	\$ 935.12	\$ 834.65	\$ 698.91	\$ 820.00
Retiree plus Spouse	\$ 1,587.26	\$ 1,530.74	\$ 1,870.26	\$ 1,669.30	\$ 1,397.82	\$ 1,650.00
Retiree Only – Medicare	\$ 299.68	\$ 413.59	\$ 413.59	N/A	N/A	\$ 465.00

2023 CalPERS Premiums - Region 3	Kaiser	BS Access+	BS Trio	PERS Gold	PERS Platinum	PORAC
Retiree Only	\$ 754.64	\$ 738.29	\$ 661.49	\$ 680.37	\$ 992.59	\$ 820.00
Retiree plus Spouse	\$ 1,509.28	\$ 1,476.58	\$ 1,322.98	\$ 1,360.74	\$ 1,985.18	\$ 1,600.00
Retiree Only – Medicare	\$ 283.25	\$ 361.90	\$ 361.90	\$ 392.71	\$ 420.02	\$ 465.00

2023 CalPERS Premiums - Region 3	UHC Harmony	UHC Alliance	Anthem HMO Select	Anthem HMO Traditional	Health Net SmartCare	Health Net Salud
Retiree Only	\$ 713.55	\$ 790.46	\$ 737.91	\$ 942.73	\$ 755.29	\$ 606.34
Retiree plus Spouse	\$ 1,427.10	\$ 1,580.92	\$ 1,475.82	\$ 1,885.46	\$ 1,510.58	\$ 1,212.68
Retiree Only – Medicare	\$ 299.68	\$ 299.68	\$ 413.59	\$ 413.59	N/A	N/A

2023 CalPERS Premiums – Out of State	PERS Platinum	PORAC	Blue Shield	UHC Alliance
Retiree Only	\$ 1,003.90	\$ 935.00	N/A	N/A
Retiree plus Spouse	\$ 2,007.80	\$ 1,899.00	N/A	N/A
Retiree Only - Medicare	\$ 420.02	\$ 465.00	\$ 361.90	\$ 299.68

Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

The actuarial assumptions used in this report represent a reasonable long-term expectation of future OPEB outcomes. As national economic and District experience change over time, the assumptions will be tested for ongoing reasonableness and, if necessary, updated.

The discount rate, other economic assumptions, and demographic assumptions have been selected by the Plan Sponsor with the concurrence of Nyhart. In our opinion, the actuarial assumptions are individually reasonable and in combination represent our estimate of anticipated experience of the Plan. All calculations have been made in accordance with generally accepted actuarial principles and practice.

There are changes to the actuarial methods and assumptions since the last GASB valuation, which was for the fiscal year ending June 30, 2021. Refer to Actuary's Notes section for complete information on these changes. For the current year GASB valuation, we have also updated the per capita costs. We expect to update discount rate, health care trend rates, mortality table, and per capita costs again in the next full GASB valuation, which will be for the fiscal year ending June 30, 2026.

Measurement Date	For the Fiscal Year Ending June 30, 2024, a June 30, 2023 measurement date was used.
Actuarial Valuation Date	June 30, 2023 Liabilities for FY 2023/24 are based on an actuarial valuation date of June 30, 2023 with no adjustments to get to the June 30, 2023 measurement date. Liabilities for FY 2022/23 are based on an actuarial valuation date of June 30, 2021 projected to June 30, 2022 reflecting actual premium, PEMHCA minimum, and discount rate changes.
Benefit Payments	OPEB plan benefit payments made subsequent the measurement date of June 30, 2023 are recognized as a deferred outflow of resources in the Fiscal Year Ending June 30, 2024 financial reporting period. An offsetting cash credit adjustment for benefits paid during the fiscal year is made in the Plan Sponsor's journal entries. This adjustment is not explicitly shown in the GASB 75 report. The OPEB benefit payments subsequent the measurement date of June 30, 2023 will be reflected in the Plan Sponsor's Schedule of Changes in Net OPEB Liability disclosure in the FY 2024/25 reporting period.
Discount Rate	6.00% as of June, 2023 (for FY 2023/24) and June 30, 2022 (for FY 2022/23) for accounting disclosure purposes Refer to the Discussion of Discount Rates section for more information on selection of the discount rate.
Payroll Growth	2.75% per year plus merit increases for Miscellaneous employees based on the 2021 CalPERS pension plan valuation.

Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Cost Method

Allocation of Actuarial Present Value of Future Benefits for services prior and after the Measurement Date was determined using Entry Age Normal Level % of Salary method where:

- Service Cost for each individual participant, payable from date of employment to date of retirement, is sufficient to pay for the participant's benefit at retirement; and
- Annual Service Cost is a constant percentage of the participant's salary that is assumed to increase according to the Payroll Growth.

Employer Funding Policy

Effective July 1, 2024, the amount funded by the District will increase to \$1,500,000 annually over the actual benefit payments.

Census Data

Census information is as of June 30, 2023 and was provided by the District in February 2024. We have reviewed it for reasonableness and no material modifications were made to the census data.

Health Care Coverage Election Rate

100% of eligible active employees are assumed to elect medical coverage at retirement. For retirees only eligible for the CalPERS minimum required contribution, the percentage is reduced to 35%. Actual plan coverage is used for current retirees. Future retirees are assumed to elect plan coverage similar to current retirees.

The participation rates are based on the District's historical experience.

Plan Election Assumption

Active employees and retirees are assumed to remain in their current plan. Active employees who have waived coverage are assumed to elect plans based on an average of current plan enrollment. The plan election assumption is based on current plan enrollment.

Spousal Coverage

Not explicitly valued but included upon election of dependent coverage at retirement.

Mortality

Employees and retirees: SOA Pub-2010 General Headcount Weighted Mortality Table fully generational using Scale MP-2021.

Surviving Spouses: SOA Pub-2010 Continuing Survivor Headcount Weighted Mortality Table fully generational using Scale MP-2021.

The plan does not have sufficient data to have credible experience. Therefore, mortality assumptions are set to reflect general population trends based upon Pub-2010 Mortality tables and the most recent generational projection scale MP-2021 released by the Society of Actuaries (SOA) for future mortality improvements.

Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Disability Rate

None

Turnover Rate

According to the termination rates for Miscellaneous employees under the 2021 CalPERS pension plan valuation.

The plan does not have sufficient data to have credible experience. Therefore, turnover assumptions are set to reflect general population trends based upon the most recent CalPERS pension plan valuation.

Retirement Rate

According to the retirement rates under the 2021 CalPERS pension plan valuation. According to the following retirement tables:

Miscellaneous Tier 1: 2.7% @ 55

Miscellaneous Tier 2: 2.0% @ 62

The plan does not have sufficient data to have credible experience. Therefore, retirement assumptions are set to reflect general population trends based upon the most recent CalPERS pension plan valuation.

Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Health Care Trend Rates

	Pre-65	Post-65
2023/24	8.00%	6.50%
2024/25	7.75%	6.25%
2025/26	7.50%	6.00%
2026/27	7.25%	5.75%
2027/28	7.00%	5.50%
2028/29	6.75%	5.25%
2029/30	6.50%	5.00%
2030/31	6.25%	4.75%
2031/32	6.00%	4.50%
2032/33	5.75%	4.50%
2033/34	5.50%	4.50%
2034/35	5.25%	4.50%
2035/36	5.00%	4.50%
2036/37	4.75%	4.50%
2037/38+	4.50%	4.50%

The initial trend rate was based on a combination of employer history, national trend surveys, and professional judgment.

The ultimate trend rate was selected based on historical medical CPI information.

Due to Medicare Advantage Payment reform and the Inflation Reduction Act, CMS subsidies are expected to be lower starting in 2025. This will have an impact on the premium rates for Medicare Advantage plans. This valuation does not reflect any changes to the medical trend assumption as it relates to the lower CMS subsidies since there was no data available on the rate development for Medicare Advantage plans.

PEMHCA Minimum Required Contribution (MRC)

	Trend
2023/24+	4.00%

Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Per Capita Costs

The valuation claim costs are based on the 2023/24 premiums, actuarially increased using 2021 CalPERS health index factors and 2021 CalPERS subscriber enrollment. The valuation was based on the medical premiums furnished by the District. An implicit rate subsidy can exist when the non-Medicare rates for retirees are the same as for active employees. Since non-Medicare eligible retirees are typically much older than active employees, their actual medical costs are typically higher than for active employees. The current valuation contains an estimate of the implicit rate subsidy.

The per capita costs represent the cost of coverage for a retiree-only population.

Actuarial standards require the recognition of higher inherent costs for a retired population versus an active population.

Active employees per capita cost were determined based on blended current retiree plan experience as described under Health Care Plan Election.

Annual per capita costs for CalPERS Region 2 (Southern California), Region 3 (LA), and Out of State are as shown below:

(Region 2)

Age	PERS Gold	PERS Platinum	Anthem HMO Select	Anthem HMO Trad.	Blue Shield Access+	Blue Shield Trio HMO
50 - 54	\$ 8,475	\$ 16,485	\$ 10,016	\$ 13,859	\$ 12,740	\$ 9,622
55 - 59	\$ 10,398	\$ 20,225	\$ 12,289	\$ 17,005	\$ 15,630	\$ 11,806
60 - 64	\$ 12,637	\$ 24,579	\$ 14,934	\$ 20,665	\$ 18,995	\$ 14,347

Age	Kaiser	UHC	Health Net Salud	Sharp	PORAC	UHC Harmony
50 - 54	\$ 10,373	\$ 10,937	\$ 8,002	\$ 9,820	\$ 11,328	\$ 9,851
55 - 59	\$ 12,727	\$ 13,419	\$ 9,818	\$ 12,048	\$ 13,898	\$ 12,086
60 - 64	\$ 15,467	\$ 16,308	\$ 11,931	\$ 14,642	\$ 16,890	\$ 14,688

Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Per Capita Costs (cont.)

(Region 3)

Age	PERS Gold	PERS Platinum	Anthem HMO Select	Anthem HMO Trad.	Blue Shield Access+	Blue Shield Trio HMO
50 - 54	\$ 8,304	\$ 16,168	\$ 10,047	\$ 13,745	\$ 11,121	\$ 8,368
55 - 59	\$ 10,188	\$ 19,837	\$ 12,327	\$ 16,864	\$ 13,645	\$ 10,267
60 - 64	\$ 12,382	\$ 24,108	\$ 14,980	\$ 20,495	\$ 16,583	\$ 12,477

Age	Kaiser	UHC	Health Net Salud	PORAC	UHC Harmony
50 - 54	\$ 10,124	\$ 10,838	\$ 7,125	\$ 11,328	\$ 9,060
55 - 59	\$ 12,422	\$ 13,297	\$ 8,741	\$ 13,898	\$ 11,116
60 - 64	\$ 15,096	\$ 16,159	\$ 10,623	\$ 16,890	\$ 13,509

(Out of State)

Age	PERS Platinum	Kaiser	PORAC
50 - 54	\$ 16,374	\$ 15,425	\$ 12,917
55 - 59	\$ 20,090	\$ 18,926	\$ 15,848
60 - 64	\$ 24,414	\$ 23,000	\$ 19,260

CalPERS Risk Adjustment*

CalPERS has implemented a risk mitigation strategy to risk adjust premiums for HMO and PPO plans. The 2024 premiums were adjusted using a risk score to stabilize the program over a three-year transition period starting in 2024. The per capita costs used in the valuation reflect the unadjusted 2024 premium rates, calculated by multiplying the risk adjusted premium by the risk score published by CalPERS.

* CalPERS Risk Adjustment Factors: <https://www.calpers.ca.gov/page/active-members/health-benefits/plans-and-rates/how-calpers-sets-health-premiums/risk-mitigation-basic-plans>

Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Explicit Subsidy

The difference between (a) the premium rate and (b) the retiree contribution. Below is an example of the monthly explicit subsidies for a retiree of age 60, hired on or after July 1, 2014, who is enrolled in Kaiser Region 3 in 2024.

	Premium Rate	Retiree Contribution	Explicit Subsidy
	A	B	C = A - B
Retiree	\$ 865.41	\$ 708.41	\$ 157.00
Spouse	\$ 865.41	\$ 865.41	\$ 0.00

Implicit Subsidy

The difference between (a) the per capita cost and (b) the premium rate. Below is an example of the monthly implicit subsidies for a retiree of age 60, hired on or after July 1, 2014, who is enrolled in Kaiser Region 3 in 2024.

	Per Capita Cost	Premium Rate	Implicit Subsidy
	A	B	C = A - B
Retiree	\$ 1,258.00	\$ 865.41	\$ 392.59
Spouse	\$ 1,258.00	\$ 865.41	\$ 392.59

All employers that utilize premium rates based on blended active/retiree claims experience will have an implicit subsidy. There is an exception for Medicare plans using a true community-rated premium rate.

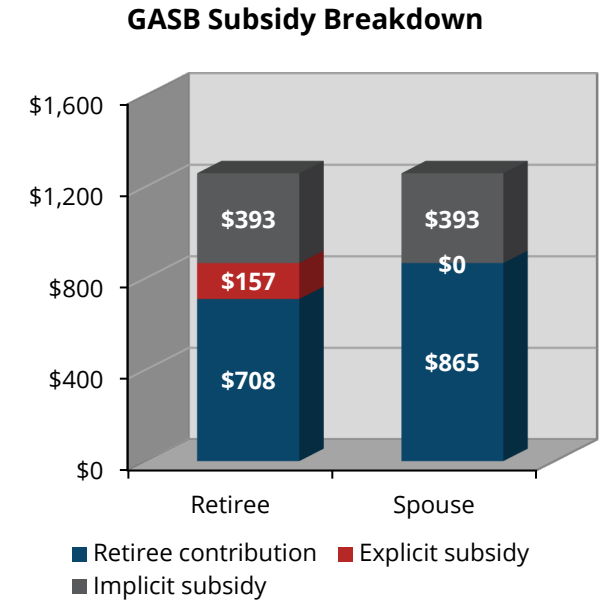
Actuarial Methods and Assumptions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

GASB Subsidy Breakdown

Below is a breakdown of the GASB 75 monthly total cost for a retiree of age 60, hired on or after July 1, 2014, who is enrolled in Kaiser Region 3 in 2024.

	Retiree	Spouse
Retiree contribution	\$ 708.41	\$ 865.41
Explicit subsidy	\$ 157.00	\$ 0.00
Implicit subsidy	\$ 392.59	\$ 392.59
Total monthly cost	\$ 1,258.00	\$ 1,258.00



Models

ProVal

Valuation software developed by Winklevoss Technologies, LLC. This software is widely used for the purpose of performing postretirement medical valuations. We coded the plan provisions, assumptions, methods, and participant data summarized in this report, and reviewed the liability and cost outputs for reasonableness. We are not aware of any weakness or limitations in the software and have determined it is appropriate for performing this valuation.

CalPERS 2021 Aging Factors

Aging factors are used to develop per capita costs by age for plans with limited credible exposure to develop plan-specific factors. Aging factors used for this valuation are the CalPERS 2021 aging factors. We are not aware of any weakness or limitations in the factors and have determined they are appropriate for performing this valuation.

APPENDIX

The background features a complex geometric design. It consists of several overlapping, semi-transparent shapes. A large, solid red shape is prominent in the lower right quadrant. To its left, there are various shades of gray and white shapes, some of which are semi-transparent, creating a layered effect. The overall composition is clean and modern, with sharp lines and a limited color palette.

Appendix

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Comparison of Participant Demographic Information

The active participants' number below may include active employees who currently have no health care coverage. Refer to Summary of Participants section for an accurate breakdown of active employees with and without coverage.

	As of June 30, 2021 (for FY 2021/22)	As of June 30, 2023 (for FY 2023/24)
Active Participants	156	177
Retired Participants	45	49
Averages for Active		
Age	42.0	41.1
Service	8.0	7.4
Averages for Inactive		
Age	63.9	65.2

Appendix

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Detailed Actuary's Notes

There have been no substantive plan provision changes since the last full valuation, which was for the fiscal year ending June 30, 2022.

The following assumptions have also been updated in accordance with GASB 75:

1. Health care trend rates have been updated to an initial rate of 8.00%, decreasing 0.25% annually to an ultimate rate of 4.50% for Pre-65 and 6.50% decreasing by 0.25% annually to an ultimate rate of 4.50% for Post-65. This change caused an increase in liabilities.
2. Claim cost calculations have been updated to account for the CalPERS Risk Adjustments. This change caused an increase in liabilities.
3. The plan election assumption for active employees has been updated to reflect actual active plan enrollment. This update led to a slight decrease in liabilities.
4. We have updated our coding to properly reflect the percentage of the cost of coverage the District contributes to its retirees. This update led to a slight decrease in liabilities.
5. We have updated the valuation to account for the PERS date of hire, including service for actives from prior CalPERS employers. This update led to a slight increase in liabilities.
6. The implicit liability calculations were refined to end at age 65 for spousal coverage. This update led to a significant decrease in liabilities.

Claim costs and premiums were also updated for 2024, resulting in a decrease in liabilities. The updated census data resulted in an increase in liabilities.

Appendix

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

Valuation Results Summary

Below is the summary of the GASB results for Fiscal Year Ending June 30, 2024 based on the Entry Age Normal Level % of Pay cost method with a discount rate of 6.00%.

Present Value of Employer Contributions	Explicit	Implicit	Total
Active	\$ 11,846,911	\$ 2,713,715	\$ 14,560,626
Retirees	\$ 8,125,826	\$ 1,601,698	\$ 9,727,524
Total	\$ 19,972,737	\$ 4,315,413	\$ 24,288,150

Total (Accrued) OPEB Liability	Explicit	Implicit	Total
Active	\$ 7,087,408	\$ 1,410,590	\$ 8,497,998
Retirees	\$ 8,125,826	\$ 1,601,698	\$ 9,727,524
Total	\$ 15,213,234	\$ 3,012,288	\$ 18,225,522

Projected Employer Contributions - FYE ¹	Explicit	Implicit	Total
2025	\$ 687,957 ²	\$ 288,091	\$ 976,048
2026	\$ 704,350	\$ 289,466	\$ 993,816
2027	\$ 710,756	\$ 276,778	\$ 987,534
2028	\$ 712,145	\$ 247,829	\$ 959,974
2029	\$ 769,904	\$ 276,139	\$ 1,046,043
2030	\$ 770,903	\$ 232,542	\$ 1,003,445
2031	\$ 829,126	\$ 234,992	\$ 1,064,118
2032	\$ 864,100	\$ 209,511	\$ 1,073,611
2033	\$ 917,503	\$ 213,046	\$ 1,130,549
2034	\$ 973,174	\$ 229,241	\$ 1,202,415

¹ Projected Employer Contributions reflect a beginning of year measurement date; so the FY 2025 contributions are the projected contributions for the measurement period from July 1, 2023 to June 30, 2024.

² Reflects estimated pay go costs as provided by the District.

GLOSSARY

The background features a series of overlapping, semi-transparent geometric shapes. A large, dark gray shape covers the top half of the page. Below it, there are several overlapping shapes in lighter shades of gray and white, creating a layered effect. A prominent, solid red shape is located in the bottom right corner, extending towards the center. The overall aesthetic is modern and minimalist.

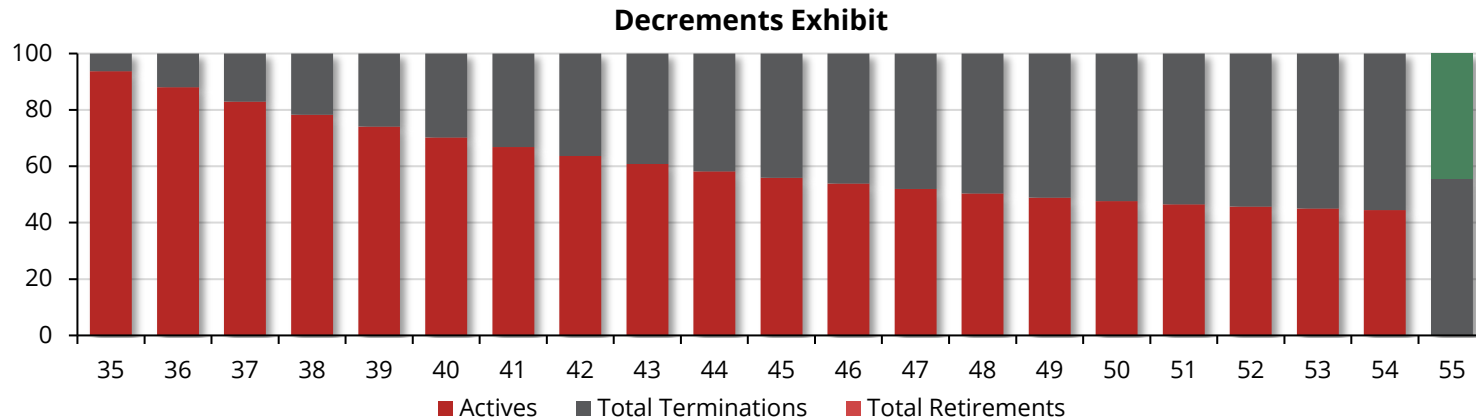
Glossary – Decrements Exhibit

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

The table below illustrates how actuarial assumptions can affect a long-term projection of future liabilities. Starting with 100 employees at age 35, the illustrated actuarial assumptions show that 44.43 employees out of the original 100 are expected to retire and could elect retiree health benefits at age 55.

Age	# Remaining Employees	# of Terminations per Year ²	# of Retirements per Year	Total Decrements
35	100.000	6.276	0.000	6.276
36	93.724	5.677	0.000	5.677
37	88.047	5.136	0.000	5.136
38	82.911	4.648	0.000	4.648
39	78.262	4.209	0.000	4.209
40	74.053	3.814	0.000	3.814
41	70.239	3.456	0.000	3.456
42	66.783	3.131	0.000	3.131
43	63.652	2.835	0.000	2.835
44	60.817	2.564	0.000	2.564
45	58.253	2.316	0.000	2.316

Age	# Remaining Employees	# of Terminations per Year	# of Retirements per Year	Total Decrements
46	55.938	2.085	0.000	2.085
47	53.853	1.866	0.000	1.866
48	51.987	1.656	0.000	1.656
49	50.331	1.452	0.000	1.452
50	48.880	1.253	0.000	1.253
51	47.627	1.060	0.000	1.060
52	46.567	0.877	0.000	0.877
53	45.690	0.707	0.000	0.707
54	44.983	0.553	0.000	0.553
55	44.430	0.000	44.430	44.430



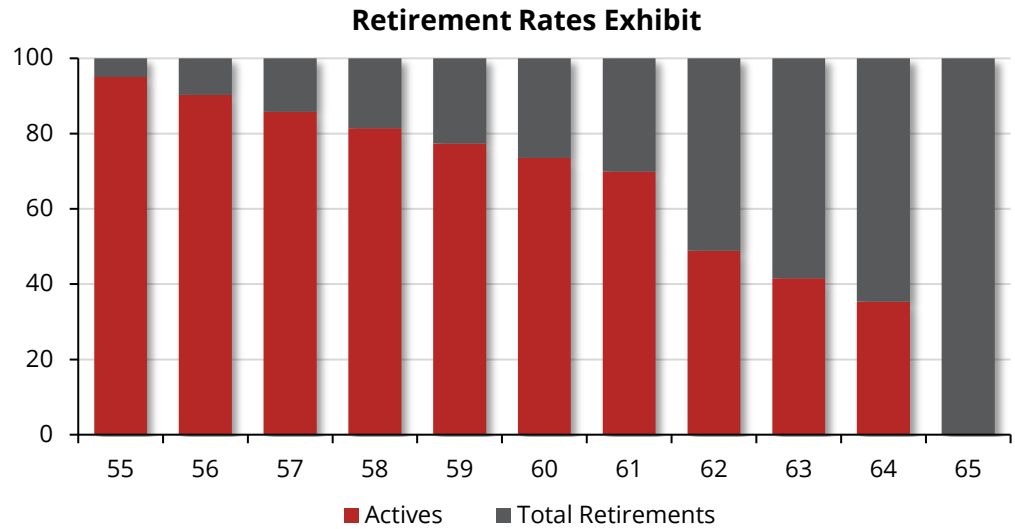
² The above rates are illustrative rates and are not used in our GASB calculations.

Glossary – Retirement Rates Exhibit

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

The table below illustrates how actuarial assumptions can affect a long-term projection of future liabilities. The illustrated retirement rates show the number of employees who are assumed to retire annually based on 100 employees age 55 who are eligible for retiree health care coverage. The average age at retirement is 62.0.

Age	Active Employees BOY	Annual Retirement Rates*	# Retirements per Year	Active Employees EOY
55	100.000	5.0%	5.000	95.000
56	95.000	5.0%	4.750	90.250
57	90.250	5.0%	4.513	85.738
58	85.738	5.0%	4.287	81.451
59	81.451	5.0%	4.073	77.378
60	77.378	5.0%	3.869	73.509
61	73.509	5.0%	3.675	69.834
62	69.834	30.0%	20.950	48.884
63	48.884	15.0%	7.333	41.551
64	41.551	15.0%	6.233	35.318
65	35.318	100.0%	35.318	0.000



* The above rates are illustrative rates and are not used in our GASB calculations.

Glossary – Definitions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

GASB 75 defines several unique terms not commonly employed in the funding of pension and retiree health plans. The definitions of the terms used in the GASB actuarial valuations are noted below.

1. **Actuarial Assumptions** – Assumptions as to the occurrence of future events affecting health care costs, such as: mortality, withdrawal, disablement and retirement; changes in compensation and Government provided health care benefits; rates of investment earnings and asset appreciation or depreciation; procedures used to determine the Actuarial Value of Assets; characteristics of future entrants for Open Group Actuarial Cost Methods; and other relevant items.
2. **Actuarial Cost Method** – A procedure for determining the Actuarial Present Value of Future Benefits and expenses and for developing an actuarially equivalent allocation of such value to time periods, usually in the form of a Service Cost and a Total OPEB Liability.
3. **Actuarially Determined Contribution** - A target or recommended contribution to a defined benefit OPEB plan for the reporting period, determined in accordance with the parameters and in conformity with Actuarial Standards of Practice.
4. **Actuarial Present Value** – The value of an amount or series of amounts payable or receivable at various times, determined as of a given date by the application of a particular set of Actuarial Assumptions. For purposes of this standard, each such amount or series of amounts is:
 - a. adjusted for the probable financial effect of certain intervening events (such as changes in compensation levels, Social Security, marital status, etc.);
 - b. multiplied by the probability of the occurrence of an event (such as survival, death, disability, termination of employment, etc.) on which the payment is conditioned; and
 - c. discounted according to an assumed rate (or rates) of return to reflect the time value of money.
5. **Deferred Outflow / (Inflow) of Resources** – represents the following items that have not been recognized in the OPEB Expense:
 - a. Differences between expected and actual experience of the OPEB plan
 - b. Changes in assumptions
 - c. Differences between projected and actual earnings in OPEB plan investments (for funded plans only)
6. **Explicit Subsidy** – The difference between (a) the amounts required to be contributed by the retirees based on the premium rates and (b) actual cash contribution made by the employer.
7. **Funded Ratio** – The actuarial value of assets expressed as a percentage of the Total OPEB Liability.

Glossary – Definitions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

8. **Healthcare Cost Trend Rate** – The rate of change in the per capita health claims costs over time as a result of factors such as medical inflation, utilization of healthcare services, plan design, and technological developments.
9. **Implicit Subsidy** – In an experience-rated healthcare plan that includes both active employees and retirees with blended premium rates for all plan members, the difference between (a) the age-adjusted premiums approximating claim costs for retirees in the group (which, because of the effect of age on claim costs, generally will be higher than the blended premium rates for all group members) and (b) the amounts required to be contributed by the retirees.
10. **OPEB** – Benefits (such as death benefits, life insurance, disability, and long-term care) that are paid in the period after employment and that are provided separately from a pension plan, as well as healthcare benefits paid in the period after employment, regardless of the manner in which they are provided. OPEB does not include termination benefits or termination payments for sick leave.
11. **OPEB Expense** – Changes in the Net OPEB Liability in the current reporting period, which includes Service Cost, interest cost, changes of benefit terms, expected earnings on OPEB Plan investments, reduction of active employees' contributions, OPEB plan administrative expenses, and current period recognition of Deferred Outflows / (Inflows) of Resources.
12. **Pay-as-you-go** – A method of financing a benefit plan under which the contributions to the plan are generally made at about the same time and in about the same amount as benefit payments and expenses becoming due.
13. **Per Capita Costs** – The current cost of providing postretirement health care benefits for one year at each age from the youngest age to the oldest age at which plan participants are expected to receive benefits under the plan.
14. **Present Value of Future Benefits** – Total projected benefits include all benefits estimated to be payable to plan members (retirees and beneficiaries, terminated employees entitled to benefits but not yet receiving them, and current active members) as a result of their service through the valuation date and their expected future service. The actuarial present value of total projected benefits as of the valuation date is the present value of the cost to finance benefits payable in the future, discounted to reflect the expected effects of the time value (present value) of money and the probabilities of payment. Expressed another way, it is the amount that would have to be invested on the valuation date so that the amount invested plus investment earnings will provide sufficient assets to pay total projected benefits when due.
15. **Real Rate of Return** – the rate of return on an investment after adjustment to eliminate inflation.

Glossary – Definitions

Jurupa Community Services District GASB 75 Valuation for Fiscal Year Ending June 30, 2024

16. **Select and Ultimate Rates** – Actuarial assumptions that contemplate different rates for successive years. Instead of a single assumed rate with respect to, for example, the investment return assumption, the actuary may apply different rates for the early years of a projection and a single rate for all subsequent years. For example, if an actuary applies an assumed investment return of 8% for year 20W0, then 7.5% for 20W1, and 7% for 20W2 and thereafter, then 8% and 7.5% select rates, and 7% is the ultimate rate.
17. **Service Cost** – The portion of the Actuarial Present Value of projected benefit payments that are attributed to a valuation year by the Actuarial Cost Method.
18. **Substantive Plan** – The terms of an OPEB plan as understood by the employer(s) and plan members.
19. **Total OPEB Liability** – That portion, as determined by a particular Actuarial Cost Method, of the Actuarial Present Value of Future Benefits which is attributed to past periods of employee service (or not provided for by the future Service Costs).