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City of San José Federated Postemployment Healthcare Plan

Actuarial Valuation Funding Report as of June 30, 2024

Produced by Cheiron

January 2025

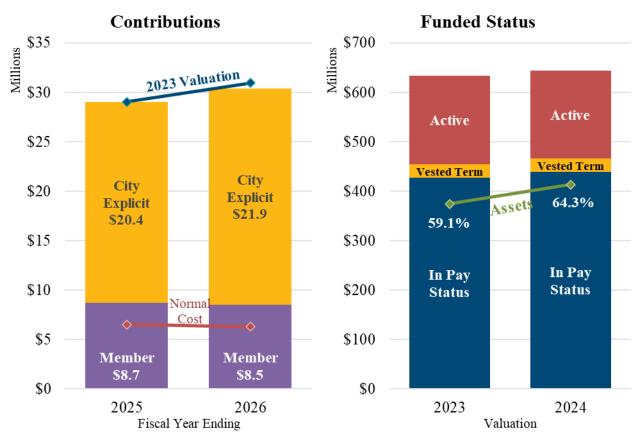
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SECTION I - BOARD SUMMARY

This report measures the assets and liabilities of the City of San José Federated Postemployment Healthcare Plan for funding purposes only. There is a separate report for financial reporting.



Dashboard

The charts above are intended to provide a quick overview of the current valuation results compared to the prior valuation results. The chart on the left shows contributions to the 115 Trust for FYE 2025 and 2026. The normal cost shown by the red line represents the expected cost of the explicit subsidy benefits attributable to the current year of service. All contributions above the normal cost go toward paying off the Unfunded Actuarial Liability (UAL). The blue line shows the projected contribution amount from the 2023 valuation. The implicit subsidy payment is not shown as it is funded on a pay-as-you-go basis as a part of the health premiums for active employees. The City's implicit subsidy payment is approximately \$7.0 million for FYE 2026.

The chart on the right summarizes the funded status as of the June 30, 2023 and June 30, 2024 actuarial valuations. The stacked bars represent the Actuarial Liability for the explicit subsidy, with the liability separated into components for members currently receiving benefits, vested terminated members, and active members. These amounts are only for the portion of the plan that is intended to be pre-funded, so they do not include the implicit subsidy. The green line represents the assets, and the funded percentage is shown next to the green line.



SECTION I – BOARD SUMMARY

Contributions

The benefits under the Plan have two components: the explicit subsidy and the implicit subsidy. The explicit subsidy (or premium subsidy) is paid from the Trust. It is the premium for health coverage selected by the retiree, up to 100% of the premium for the lowest cost plan offered to active employees. The implicit subsidy is the difference between the expected claims cost for a retiree or spouse and the total (retiree plus city) premium.

Before FYE 2019, member and City contributions to the Plan were negotiated through collective bargaining and were not actuarially determined. With the implementation of Measure F, member contributions are fixed at 7.5% of pay; the City's contribution toward the explicit subsidy is actuarially determined; and the City also pays the implicit subsidy on a pay-as-you-go basis as a part of active health premiums. Finally, the City has an option to limit its contribution toward the explicit subsidy to 14% of Federated payroll.

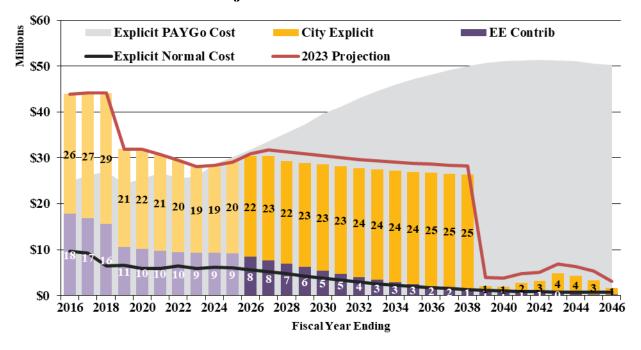
Table I-1Summary of Trust Contribution Amounts										
FYE 2025 FYE 2026 % Change										
Explicit Subsidy Members City's Actuarially Determined Contribution Total	\$ \$	8,683 20,352 29,035	\$ \$	8,489 21,929 30,418	-2.2% 7.8% 4.8%					
Estimated City Optional Cap	\$	58,979	\$	65,509	11.1%					

Table I-1 shows the contribution amounts for the fiscal years ending in 2025 and 2026.



SECTION I – BOARD SUMMARY

The chart below shows the historical and projected contributions to the Plan. The purple bars represent the member contributions, and the gold bars are the City's contributions to pre-fund the explicit subsidy. The gray area behind the bars represents the projected annual benefit payments. The black line represents the normal cost, and the red line is the projection of the total contributions from the 2023 actuarial valuation. The significant reduction in contributions between FYE 2018 and FYE 2019 is due to the implementation of Measure F, including the VEBA elections, the new lowest-cost health plan, and the adoption of actuarially determined contributions.





Because the full benefit tier of the Plan is closed to new entrants, the member contributions are expected to decline as current active members eligible for full benefits retire or otherwise leave active employment with the City. The City's actuarially determined contribution is expected to increase gradually as the member contributions decrease. The large decrease in 2039 is due to the full amortization of the initial amortization base established in 2017.



SECTION I – BOARD SUMMARY

Funded Status

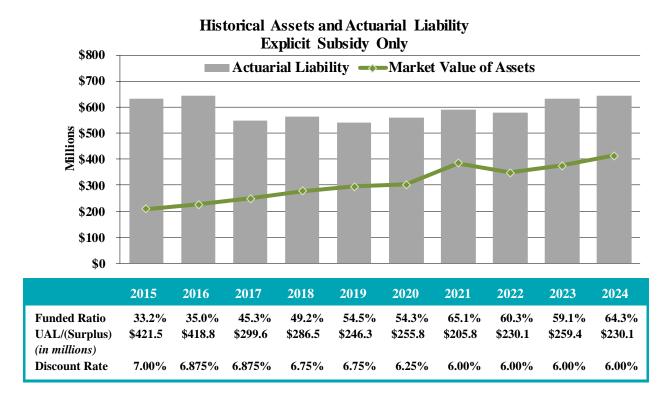
Table I-2 below summarizes the Actuarial Liability, Market Value of Assets, Unfunded Actuarial Liability, and funded percentage for the Plan as of June 30, 2024 compared to June 30, 2023. The Actuarial Liability increased by 1.5% while assets increased 10.4% due to contributions and investment returns. As a result, the Unfunded Actuarial Liability decreased by about 11.3% and the funded percentage for the explicit subsidy increased from 59.1% to 64.3%.

Table I-2Summary of Funded Status - Explicit Subsidy Only										
6/30/2023 6/30/2024 Chang										
Actuarial Liability										
Actives	\$	179,131	\$	177,429	-1.0%					
Deferred Vested		27,322		26,576	-2.7%					
In Pay Status		427,520		439,630	2.8%					
Total Actuarial Liability	\$	633,973	\$	643,635	1.5%					
Assets		374,611		413,541	10.4%					
Unfunded Actuarial Liability	\$	259,362	\$	230,094	-11.3%					
Funded Percentage		59.1%		64.3%	5.2%					



SECTION I – BOARD SUMMARY

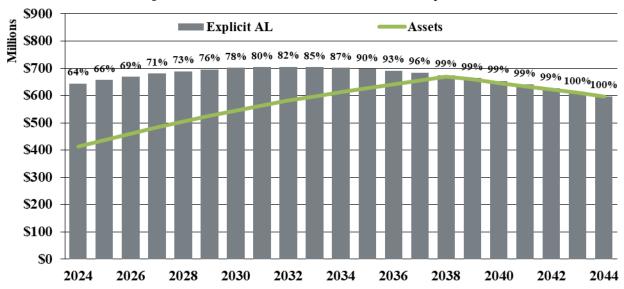
The following chart shows the historical trend of assets and the Actuarial Liability for the explicit subsidy. Over the last 10 years, the UAL for the explicit subsidy has been reduced by \$191.4 million primarily due to a combination of contributions to the Plan and health premiums not growing as much as anticipated. Changes in UAL are becoming more dependent on investment returns as the level of assets grows, but fluctuations in health premiums will also remain a significant factor.



The chart on the following page shows a 20-year projection of assets and Actuarial Liability (AL) and the projected funded percentage for the explicit subsidy. If all assumptions are met in the future, including an expected return of 6.00% each year, the Actuarial Liability for the explicit subsidy is expected to peak within 10 years, and the funded percentage is expected to reach 100% by 2043.



SECTION I – BOARD SUMMARY



Projected Assets and Actuarial Liability 2024-2044

Changes Since the Prior Valuation

Table I-3 below breaks out the sources of the changes in UAL for the fiscal year ending June 30, 2024. The total UAL decreased by about \$29.3 million since the prior year.

Table I-3 Changes in Unfunded Actuarial Liability Explicit Subsidy Only	
Unfunded Actuarial Liability, June, 30, 2023	\$ 259,362
Unfunded Actuarial Liability, June, 30, 2024	230,094
Change in Unfunded Actuarial Liability	\$ (29,268)
Sources of Changes	
Tread Water less Contributions	\$ (7,048)
Investment Experience	(14,620)
Demographic Experience	(5,065)
Premium Experience	4,662
Assumption Changes	(7,197)
Total Changes	\$ (29,268)



SECTION I – BOARD SUMMARY

Contributions in excess of the Tread Water amount reduced the UAL by \$7.0 million. The Tread Water amount equals the normal cost plus the interest on the UAL. If all assumptions are met, contributions equal to the Tread Water amount would result in no change to the dollar amount of the UAL. In addition, investment experience reduced the UAL by about \$14.6 million, demographic experience by about \$5.1 million, and assumption changes, primarily health care trend assumptions, by about \$7.2 million. Higher-than-expected premiums for Medicare-eligible health plans increased the UAL by \$4.7 million.

Table I-4 below summarizes the results of this valuation compared to the prior valuation.

Table I-4 Summary of Valuation Results									
	Jun	ie 30, 2023	Jur	ne 30, 2024	% Change				
Active Members									
Eligible for Full Benefits		1,145		1,077	-5.9%				
Eligible for Catastrophic Disability Only		2,720		3,031	11.4%				
Total Active Members		3,865		4,108	6.3%				
Deferred Vested Members		150		141	-6.0%				
Members in Pay Status (Medical and/or Dental)		3,685		3,648					
Members In-Lieu only		82		98	19.5%				
Total		7,782		7,995	2.7%				
Full Benefit Member Payroll	\$	123,671	\$	123,038	-0.5%				
Total Payroll		409,009		454,295	11.1%				
Actuarial Liability - Explicit	\$	633,973	\$	643,635	1.5%				
Market Value of Assets		374,611		413,541	10.4%				
Unfunded Actuarial Liability	\$	259,362	\$	230,094	-11.3%				
Funded Percentage		59.1%		64.3%	5.2%				
Actuarial Liability - Implicit		79,013		76,750	-2.9%				
	F	YE 2025	F	YE 2026	% Change				
City's Actuarially Determined Contribution	\$	20,352	\$	21,929	7.7%				
City's Actuarially Determined Contribution Rate		4.83%		4.69%	-0.1%				
City's Implicit Subsidy Payment	\$	6,830	\$	6,984	2.2%				



SECTION II – CERTIFICATION

The purpose of this report is to present the annual actuarial valuation of the City of San José Federated Postemployment Healthcare Plan. This report is for the use of the Board in setting actuarially determined amounts for the City to contribute to the Plan. There is a separate report for accounting and financial reporting under GASB Statements 74 and 75.

In preparing our report, we relied on information, some oral and some written, supplied by the Plan. This information includes, but is not limited to, the Plan provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.

The health assumptions and discount rate assumption were adopted by the Board of Administration at the November 21, 2024 Board meeting based upon our recommendations. All other assumptions in this report were adopted at the November 16, 2023 Board meeting based on recommendations from our Experience Study covering Plan experience through June 30, 2023. Please refer to the experience study report and our Board presentations for an explanation of the rationale for each assumption. We believe these assumptions are reasonable for the purpose of the funding valuation.

The liability measures and funding ratios in this report are for the purpose of establishing contribution amounts. These measures are not appropriate for assessing the sufficiency of Plan assets to cover the estimated cost of settling the Plan's benefit obligations.

Cheiron utilizes ProVal actuarial valuation software leased from Winklevoss Technologies (WinTech) to calculate liabilities and project benefit payments. We have relied on WinTech as the developer of ProVal. We have a basic understanding of ProVal and have used ProVal in accordance with its original intended purpose. We have not identified any material inconsistencies in the assumptions or output of ProVal that would affect this valuation.

Healthcare trends for this valuation were developed using the Society of Actuaries (SOA) Long-Run Medical Cost Trend Model. The SOA Long-Run Medical Cost Trend Model and its baseline projection are based on an econometric analysis of historical U.S. medical expenditures and the judgments of experts in the field. The long-run baseline projection and input variables have been developed under the guidance of the SOA Project Oversight Group.

We have relied on the Society of Actuaries as the developer of the Model. We have reviewed the Model and have a basic understanding of the Model and have used the Model in accordance with its original intended purpose. We have not identified any material inconsistencies in the assumptions or output of the Model that would affect this valuation.

Deterministic projections in this valuation report were developed using H-scan, a proprietary tool used to illustrate the impact of changes in assumptions, methods, plan provisions, or actual experience on the future financial status of the Plan. H-scan uses standard roll-forward techniques that implicitly assume a stable active population.



SECTION II – CERTIFICATION

Future actuarial measurements may differ significantly from the current measurements 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.

This report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices and our understanding of the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board as well as applicable laws and regulations. Furthermore, as credentialed actuaries, we collectively meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained in this report. This report does not address any contractual or legal issues. We are not attorneys, and our firm does not provide any legal services or advice.

This report was prepared for the Board for the purposes described herein. Other users of this report are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to any other user.

then R. Hallmark

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SECTION III – ASSETS

Statement of Change in Market Value of Assets

Table III-1 below shows the changes in the Market Value of Assets for the last two fiscal years. The implicit subsidy is shown as both a contribution and a payment from the Plan, but it is not actually contributed to the trust or paid from the trust. It is paid directly by the city as a part of active health plan premiums.

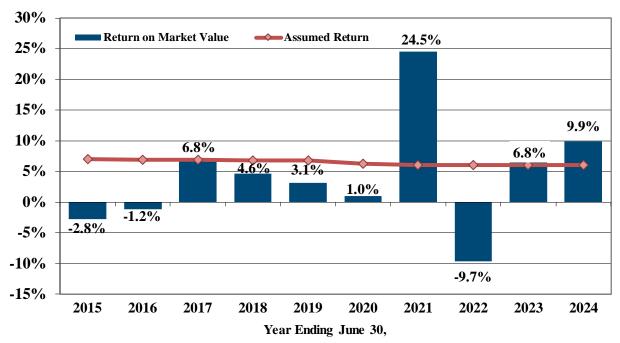
Table III-1 Change in Market Value of Assets									
Fiscal Year Ending	Fiscal Year Ending 6/30/2023 6/30/20								
Market value, beginning of year	\$	349,124,320	\$	374,611,276					
Contributions									
Employee		9,841,192		9,890,542					
City		17,626,466		18,950,280					
Implicit subsidy		5,370,230		6,406,373					
Total	\$	32,837,888	\$	35,247,195					
Net investment earnings		24,268,269		37,149,298					
Benefit payments									
Explicit subsidy		25,498,496		26,228,611					
Implicit subsidy		5,370,230		6,406,373					
Total	\$	30,868,726	\$	32,634,984					
Administrative expenses		750,475		831,537					
Market value, end of year	\$	374,611,276	\$	413,541,248					
Estimated Rate of Return		6.8%		9.9%					

In the last year, investments earned approximately 9.9% compared to an expected rate of return of 6.0%, resulting in an investment gain of approximately \$14.6 million.



SECTION III – ASSETS

The chart below shows the actual investment return on the Market Value of Assets compared to the assumed return for the last 10 years. The compound average of the actual returns is about 4.0%.



Historical Rates of Return



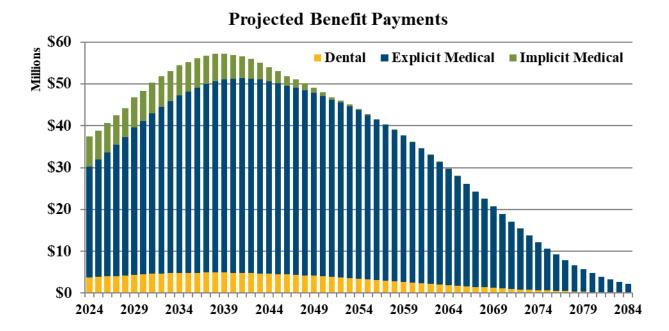
SECTION IV – MEASURES OF LIABILITY

This section presents detailed information on liability measures for the Plan for funding purposes, including:

- Projected benefit payments,
- Present value of future benefits,
- Normal cost, and
- Actuarial Liability.

Projected Benefit Payments

The projected benefit payments are the fundamental basis for the valuation, representing the amount that is expected to be paid in each future year for members in the Plan as of the valuation date if all assumptions are met. The chart below shows the projected benefit payments for the next 60 years.





SECTION IV – MEASURES OF LIABILITY

Table IV-1 below shows the same projected benefit payments for the next 20 years. These payments include the expected annual implicit subsidy as well as expected Plan premium payments (the explicit subsidy).

	Table IV-1 Expected Net Benefit Payments										
Fiscal Year		Explicit Subsidy	Implicit								
Ending	Medical	Dental	Total	Subsidy	Total						
2025	\$ 26,465,405	\$ 3,699,424	\$ 30,164,829	\$ 7,285,207	\$ 37,450,036						
2026	28,012,950	3,843,319	31,856,268	6,983,539	38,839,807						
2027	29,667,785	3,983,682	33,651,466	7,009,331	40,660,797						
2028	31,371,246	4,112,403	35,483,649	7,063,382	42,547,031						
2029	32,960,204	4,241,927	37,202,130	7,039,634	44,241,764						
2030	35,232,775	4,366,714	39,599,489	7,144,770	46,744,259						
2031	36,630,500	4,485,227	41,115,727	7,130,275	48,246,002						
2032	38,377,544	4,595,062	42,972,606	7,333,138	50,305,744						
2033	39,810,563	4,688,866	44,499,430	7,289,042	51,788,472						
2034	41,121,954	4,767,210	45,889,165	7,189,045	53,078,210						
2035	42,380,052	4,825,276	47,205,328	7,168,586	54,373,914						
2036	43,278,966	4,866,606	48,145,572	7,058,612	55,204,185						
2037	44,165,116	4,896,955	49,062,071	6,982,442	56,044,514						
2038	44,997,069	4,918,681	49,915,750	6,761,476	56,677,226						
2039	45,730,179	4,926,282	50,656,461	6,549,200	57,205,660						
2040	46,123,152	4,917,823	51,040,975	6,200,712	57,241,688						
2041	46,325,542	4,892,792	51,218,334	5,706,042	56,924,376						
2042	46,517,474	4,852,191	51,369,665	5,220,840	56,590,506						
2043	46,450,850	4,796,988	51,247,838	4,656,866	55,904,703						
2044	46,319,421	4,730,099	51,049,520	4,056,857	55,106,377						



SECTION IV – MEASURES OF LIABILITY

Present Value of Future Benefits

The present value of future benefits represents the expected amount of money needed today if all assumptions are met to pay for all benefits both earned as of the valuation date and expected to be earned in the future by current Plan members under the current Plan provisions. Table IV-2 below shows the present value of future benefits as of June 30, 2023 and June 30, 2024.

Table IV-2Present Value of Future Benefits										
	June 30, 2023		June 3	30, 2024						
			Deferred	In Pay		%				
	Total	Actives	Vested	Status	Total	Change				
Explicit Subsidy										
Non-Medicare Eligible	\$ 150,928	\$ 73,271	\$ 10,521	\$ 58,008	\$ 141,800	-6.0%				
Medicare Eligible	452,334	120,593	16,055	333,074	469,722	3.8%				
Dental	69,269	18,986	0	48,548	67,534	-2.5%				
Total Explicit Subsidy	\$ 672,531	\$ 212,850	\$ 26,576	\$ 439,630	\$ 679,056	1.0%				
Implicit Subsidy	87,504	41,604	5,991	37,009	84,604	-3.3%				
Total	\$ 760,035	\$ 254,454	\$ 32,567	\$ 476,639	\$ 763,660	0.5%				



SECTION IV – MEASURES OF LIABILITY

Normal Cost

Under the Entry Age (EA) actuarial cost method, the present value of future benefits for each individual is spread over the individual's expected working career as a level percentage of the individual's expected pay. The normal cost rate is determined by taking the value, as of entry age into the Plan, of each member's projected future benefits divided by the value, also at entry age, of the member's expected future salary. The normal cost rate is multiplied by the member's current salary to determine each member's normal cost. The Plan's normal cost is the sum of the normal costs for each individual. The normal cost represents the expected amount of money needed to fund the benefits attributed to the next year of service under the Entry Age actuarial cost method.

Table IV-3 below shows the EA normal cost as of June 30, 2023 and June 30, 2024 separately by component, develops the normal cost rate, and applies the rate to the projected payroll for the fiscal year for which contributions are determined.

Table IV-3Explicit Subsidy Normal CostJune 30, 2023June 30, 2024										
		Total	Fu	ll Benefits	Ca	tastrophic		Total	% Change	
Non-Medicare Eligible Medicare Eligible Dental Total Normal Cost Valuation Pay Total Normal Cost Rate	\$ \$ \$	2,400 2,943 532 5,875 397,265 1.48%	\$ \$	2,118 2,900 495 5,513 119,505 4.61%	\$ \$ \$	172 0 172 283,240 0.06%	\$ \$ \$	2,290 2,900 495 5,685 441,250 1.29%	-4.6% -1.5% -7.0% -3.2% 11.1% -12.8%	
	F	YE 2025 Total	Full Benefits		FY Full Benefits Ca			Total	% Change	
Expected Pay	\$	421,279	\$	113,185	\$	354,739	\$	467,924	11.1%	
Total Normal Cost	\$	5,694	\$	5,218	\$	213	\$	5,431	-4.6%	



SECTION IV – MEASURES OF LIABILITY

Actuarial Liability

The Actuarial Liability represents the expected amount of money needed today, if all assumptions are met, to pay for benefits attributed to service prior to the valuation date under the Entry Age actuarial cost method. As such, it is the amount of assets targeted by the actuarial cost method for the Plan to hold as of the valuation date. It is not the amount necessary to settle the obligation.

Table IV-4 below shows the Actuarial Liability as of June 30, 2023 and June 30, 2024 separately by component.

Table IV-4 Actuarial Liability										
	June 30, 2023		June 3	30, 2024						
			Deferred	In Pay		%				
	Total	Actives	Vested	Status	Total	Change				
Explicit Subsidy										
Non-Medicare Eligible	\$ 134,290	\$ 58,200	\$ 10,521	\$ 58,008	\$ 126,729	-5.6%				
Medicare Eligible	433,485	102,971	16,055	333,074	452,100	4.3%				
Dental	66,198	16,258	0	48,548	64,806	-2.1%				
Total Explicit Subsidy	\$ 633,973	\$ 177,429	\$ 26,576	\$ 439,630	\$ 643,635	1.5%				
Implicit Subsidy	79,013	33,751	5,991	37,008	76,750	-2.9%				
Total	\$ 712,986	\$ 211,180	\$ 32,567	\$ 476,638	\$ 720,385	1.0%				



SECTION V – CONTRIBUTIONS

Contributions for Administrative Expenses

Under the contribution allocation procedure employed by the Plan, there are three components to the contribution toward the explicit subsidy: the normal cost, administrative expenses, and an amortization payment on the Unfunded Actuarial Liability (UAL). The normal cost was developed in Section IV. This section develops the administrative expenses, the UAL contribution, and the City's actuarially determined contribution for the explicit subsidy. The implicit subsidy is funded on a pay-as-you-go basis through the payment of active health premiums.

Contributions for administrative expenses are set equal to \$109 per member for FYE 2026 (increasing 3.0 percent each year). There are currently 7,995 members, resulting in estimated administrative expenses for FYE 2026 of \$871,455.



SECTION V – CONTRIBUTIONS

Amortization of the Unfunded Actuarial Liability

The difference between the Actuarial Liability and the Market Value of Assets is the Unfunded Actuarial Liability (UAL). Table V-1 calculates the UAL and funded percentage for the explicit subsidy.

Table V-1 Unfunded Actuarial Liability Explicit Subsidy Only									
	Ju	ne 30, 2023	30, 2023 June 30, 2024						
Actuarial Liability	\$	633,973	\$	643,635					
Assets		374,611		413,541					
Unfunded Actuarial Liability	\$	259,362	\$	230,094					
Funded Percentage		59.1%		64.3%					

The UAL for the explicit subsidy as of June 30, 2017 is amortized as a level dollar amount over 20 years (13 years remaining). Subsequent amortization bases are amortized over 20 years with a three-year phase-in and phase-out. Table V-2 below shows the schedule of amortization bases for payment of the UAL.

Table V-2 UAL Amortization									
	Outstanding Remaining								
]	Balance	Period	Phase-in	Phase-out		Payment		
2017 UAL	\$	207,578	13	N/A	N/A	\$	24,142		
2018 Changes		1,144	14	0	3		121		
2019 Changes		(30,805)	15	0	3		(3,141)		
2020 Changes		18,621	16	0	3		1,831		
2021 Changes		(40,736)	17	0	3		(3,876)		
2022 Changes		36,874	18	1	3		3,404		
2023 Changes		38,231	19	2	3		2,354		
2024 Changes		(22,690)	20	3	3		(719)		
FYE 2025 Payment*		21,877							
Total 2024 UAL	\$	230,094				\$	24,116		

* FYE 2025 amortization payment discounted to 7/1/2024



SECTION V – CONTRIBUTIONS

Contribution Amounts

The City pays the actuarially determined contribution for the explicit subsidy but has the option to cap its contribution at 14% of Federated payroll, including the payroll for members only covered for catastrophic disability. The actuarially determined contribution is the normal cost, administrative expenses, and the amortization payment on the UAL less expected member contributions. Members eligible for full benefits contribute 7.50% of pay.

Table V-3 shows the components of the Actuarially Determined Contribution (ADC) amounts for the explicit subsidy for FYE 2025 and 2026.

Table V-3 City's Actuarially Determined Contribution (ADC) Explicit Subsidy Only												
FYE 2025 FYE 2026 % Change												
Normal Cost Admin Expenses UAL Payment Total Contribution Projected Member Contributions City's ADC Amount	\$ \$ \$	5,694 817 22,524 29,035 8,683 20,352	\$ \$ \$	5,431 871 24,116 30,418 8,489 21,929	-4.6% 6.6% 7.1% 4.8% -2.2% 7.7%							
Projected Payroll City's ADC Percentage		421,279 4.8%		467,924 4.7%	11.1% -0.1%							



SECTION VI – ACTUARIAL SECTION OF THE ACFR

The Government Finance Officers Association (GFOA) maintains a checklist of items to be included in the Plan's Annual Comprehensive Financial Report (ACFR) to receive recognition for excellence in financial reporting. The schedules in this section are listed by the GFOA for inclusion in the Actuarial Section of the Plan's ACFR. Liability amounts shown in these exhibits include both the explicit and implicit subsidies.

		More	har	Tabl				
Actuarial Valuation Date	Be: al	Actuarial Actuarial Retirees, neficiaries nd Other nactives (A)	Lia	Benefit Co bility Active /Iembers (B)	R	age Infori leported Assets	mation Portion of Liab by Reporte (A)	
6/30/2024	\$	509,206	\$	211,180	\$	413,541	81%	0%
6/30/2023		498,969		214,017		374,611	75%	0%
6/30/2022		447,880		202,790		349,124	78%	0%
6/30/2021		452,454		210,406		384,613	85%	0%
6/30/2020		443,476		206,943		303,313	68%	0%
6/30/2019		422,108		209,644		294,489	70%	0%
6/30/2018		426,984		223,130		277,256	65%	0%
6/30/2017		408,627		221,825		248,583	61%	0%
6/30/2016		450,793		313,468		225,845	50%	0%
6/30/2015		469,903		347,770		209,761	45%	0%



SECTION VI – ACTUARIAL SECTION OF THE ACFR

Table VI-2 Analysis of Financial Experience										
Gain or (Loss) for Year Ending on Valuation Date Due to:ActuarialCombinedTotalValuationInvestmentLiabilityFinancialNon-RecurringTotalDateIncomeExperienceExperienceItemsExperience										
6/30/2024	\$	14,620	\$	857	\$	15,477	\$	8,932	\$	24,409
6/30/2023		2,748		(44,086)		(41,338)		(3,395)		(44,733)
6/30/2022		(62,035)		36,504		(25,531)		(9,273)		(34,804)
6/30/2021		57,618		25,838		83,456		(22,368)		61,088
6/30/2020		(17,738)		69,483		51,745		(34,497)		17,248
6/30/2019		(10,654)		(34,979)		(45,633)		14,784		(30,849)
6/30/2018		(5,915)		26,064		20,149		(11,137)		9,012
6/30/2017		117		5,259		5,376		123,632		129,008
6/30/2016		(16,044)		(11,608)		(27,652)		99,545		71,893
6/30/2015		(19,264)		6,948		(12,316)		(64,155)		(76,471)



SECTION VI – ACTUARIAL SECTION OF THE ACFR

Schedule of Funding Progress

The schedule of funding progress compares the assets used for funding purposes to the comparable liabilities to determine how well the Plan is funded and how this status has changed over the past several years. The Actuarial Liability is compared to the Actuarial Value of Assets to determine the funding ratio.

Actuarial Valuation Date	UAL as Percentage of Covered Payroll ((b-a)/c)					
6/30/2024	\$ 413,541	\$ 720,385	\$ 306,844	57%	\$ 454,295	68%
6/30/2023	374,611	712,986	338,375	53%	409,009	83%
6/30/2022	349,124	650,670	301,546	54%	360,936	84%
6/30/2021	384,613	662,860	278,247	58%	339,546	82%
6/30/2020	303,313	650,419	347,106	47%	322,850	108%
6/30/2019	294,489	631,752	337,263	47%	299,002	113%
6/30/2018	277,256	650,114	372,858	43%	298,985	125%
6/30/2017	248,583	630,452	381,869	39%	287,339	133%
6/30/2016	225,845	764,261	538,416	30%	266,823	202%
6/30/2015	209,761	817,673	607,912	26%	251,430	242%



		S	chedule o	f Active	Member Data		
Valuation		Active M	Active Member Counts		Annual	Average	% Change in
Date		Under Age 65	Age 65+	Total	Payroll	Annual	Average Pay
2024	2	3,958	150	4,108	\$ 454,294,901	\$ 110,588	11.1%
2023	2	3,731	134	3,865	409,009,078	105,824	13.1%
2022	2	3,502	124	3,626	360,935,782	99,541	10.9%
2021	2	3,508	121	3,629	339,546,040	93,565	4.2%
2020	2	3,495	101	3,596	322,850,457	89,780	5.1%
2019	2	3,412	88	3,500	299,001,886	85,429	4.1%
2018	2	3,377	84	3,461	284,008,289	82,060	-2.6%
2017	2	3,321	89	3,410	287,339,424	84,264	-0.9%
2016	1	2,310	77	2,387	202,911,153	85,007	5.8%
2015	1	2,527	74	2,601	208,957,370	80,337	5.9%

SECTION VI – ACTUARIAL SECTION OF THE ACFR

¹ Does not include Tier 2B active employees

² Includes members that are only eligible for catastrophic disability benefits



SECTION VI – ACTUARIAL SECTION OF THE ACFR

	Schedule of Retirees and Beneficiaries Added to and Removed from Rolls											
		ning of eriod	Added to Rolls	Removed from Rolls	End o	of Period	Net	Change	% Increase	Average		
	<i>a</i> .	Annual	<i>a</i>		<i>a</i>	Annual	<i>a</i>	Annual	in Annual	Annual		
Period	Count	Subsidy ¹	Count	Count	Count	Subsidy ¹	Count	Subsidy ¹	Subsidy	Subsidy		
<u>Medical</u>												
2023-24	3,054	22,754	83	116	3,021	\$ 24,182	(33)	\$ 1,428	6.3%	\$ 8,004		
2022-23	3,050	22,818	109	105	3,054	22,754	4	\$ (64)	-0.3%	7,451		
2021-22	3,047	23,464	112	109	3,050	22,818	3	(646)	-2.8%	7,481		
2020-21	3,057	23,648	107	117	3,047	23,464	(10)	(184)	-0.8%	7,701		
2019-20	2,909	21,588	254	106	3,057	23,648	148	2,059	9.5%	7,736		
2018-19	2,923	20,566	124	138	2,909	21,588	(14)	1,023	5.0%	7,421		
2017-18	2,920	23,621	139	136	2,923	20,566	3	(3,056)	-12.9%	7,036		
2016-17	2,821	21,844	210	111	2,920	23,621	99	1,777	8.1%	8,090		
2015-16	2,769	21,341	183	131	2,821	21,844	52	503	2.4%	7,743		
2014-15	2,737	21,941	152	120	2,769	21,341	32	(599)	-2.7%	7,707		
<u>Dental</u>												
2023-24	3,445	3,511	80	114	3,411	\$ 3,494	(34)	\$ (17)	-0.5%	\$ 1,024		
2022-23	3,457	2,936	88	100	3,445	3,511	(12)	575	19.6%	1,019		
2021-22	3,465	3,558	103	111	3,457	2,936	(8)	(622)	-17.5%	849		
2020-21	3,454	3,561	120	109	3,465	3,558	11	(3)	-0.1%	1,027		
2019-20	3,405	3,502	158	109	3,454	3,561	49	58	1.7%	1,031		
2018-19	3,375	3,478	123	93	3,405	3,502	30	25	0.7%	1,029		
2017-18	3,322	3,414	152	99	3,375	3,478	53	63	1.9%	1,030		
2016-17	3,264	3,224	170	112	3,322	3,414	58	190	5.9%	1,028		
2015-16	3,206	3,212	159	101	3,264	3,224	58	12	0.4%	988		
2014-15	3,133	3,130	160	87	3,206	3,212	73	82	2.6%	1,002		

^T Annual subsidies are explicit amounts in thousands



APPENDIX A – MEMBERSHIP INFORMATION

Member Data

Valuation Date	June 30, 2023	June 30, 2024	% Change
Active Employees Eligible for Ful	l Benefits		
Count	1,145	1,077	-5.9%
Average Age	52.0	52.5	1.1%
Average OPEB Benefit Service	19.2	20.0	4.0%
Total Payroll (Thousands)	\$136,471	\$137,295	0.6%
Active Employees Eligible for Cat	astrophic Disabi	lity Only	
Count	2,720	3,031	11.4%
Average Age	39.4	39.3	-0.2%
Average OPEB Benefit Service	4.2	4.4	4.6%
Total Payroll (Thousands)	\$272,538	\$317,000	16.3%
Retirees and Surviving Spouses w	ith Medical Cov	erage *	
Pre-65	743	674	-9.3%
Post-65	2,311	2,347	1.6%
Total	3,054	3,021	-1.1%
Retirees and Surviving Spouses w	ith Dental Cover	age *	
Total	3,445	3,411	-1.0%
Retirees and Surviving Spouses in	In-Lieu Credit	Program *	
Total	284	309	8.8%
Term Vested Members	150	141	-6.0%

* Counts do not include dependent spouses



	S ⁻ Active	tatus Recon Terminated Vested	ciliation Retiree	Surviving Spouse	Disabled	Total
Beginning of Year	3,865	150	3,172	428	167	7,782
New Hires	502	0	0	0	0	502
Rehires	30	(1)	(1)	0	0	28
Vested Terminations	(7)	7	0	0	0	0
Service Retirements	(60)	(13)	73	0	0	0
Disabled Retirements	0	0	0	0	0	0
New Survivors	0	0	0	19	0	19
No Longer Covered	(222)	(2)	(76)	(34)	(5)	(339)
Data Corrections	0	0	(2)	(1)	6	3
End of Year	4,108	141	3,166	412	168	7,995

APPENDIX A – MEMBERSHIP INFORMATION

Counts do not include dependent spouses

Counts include members in In-Lieu credit program and those only eligible for catastrophic disability benefits

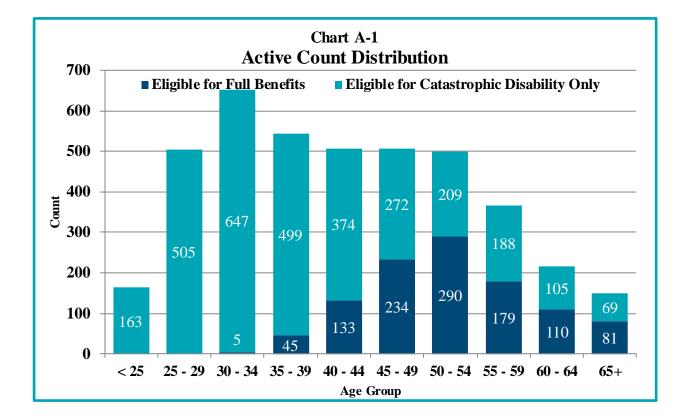
Member Data as of June 30, 2024:

	Active Employees Eligible for Full Benefits Years of OPEB Benefit Service											
Age Group	< 5	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35+	Total			
Under 25	0	0	0	0	0	0	0	0	0			
25 to 29	0	0	0	0	0	0	0	0	0			
30 to 34	0	1	4	0	0	0	0	0	5			
35 to 39	2	7	22	14	0	0	0	0	45			
40 to 44	3	6	44	64	15	1	0	0	133			
45 to 49	1	2	33	92	86	19	1	0	234			
50 to 54	0	2	26	60	121	78	3	0	290			
55 to 59	1	1	17	50	62	41	7	0	179			
60 to 64	0	2	16	35	31	22	4	0	110			
<u>65 and up</u>	<u>0</u>	<u>0</u>	<u>8</u>	<u>26</u>	<u>22</u>	<u>16</u>	<u>2</u>	<u>7</u>	<u>81</u>			
Total	7	21	170	341	337	177	17	7	1,077			



Acti	Active Employees Eligible for Catastrophic Disability Benefit Only Years of OPEB Benefit Service									
Age Group	< 5	5 - 9	10 - 14	15 - 19	20 - 24		30 - 34	35+	Total	
Under 25	163	0	0	0	0	0	0	0	163	
25 to 29	458	47	0	0	0	0	0	0	505	
30 to 34	431	211	5	0	0	0	0	0	647	
35 to 39	239	239	20	1	0	0	0	0	499	
40 to 44	153	183	32	4	2	0	0	0	374	
45 to 49	140	106	21	3	1	1	0	0	272	
50 to 54	89	96	12	5	4	3	0	0	209	
55 to 59	87	80	16	3	1	0	1	0	188	
60 to 64	46	52	5	1	0	1	0	0	105	
<u>65 and up</u>	<u>20</u>	<u>36</u>	<u>8</u>	<u>4</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>69</u>	
Total	1,826	1,050	119	21	8	6	1	0	3,031	

APPENDIX A – MEMBERSHIP INFORMATION

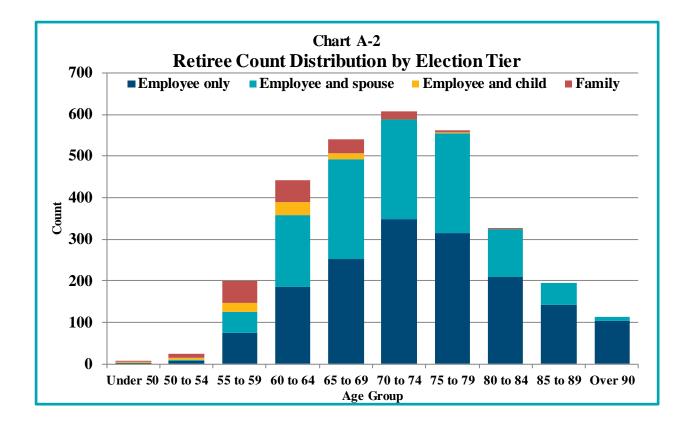




Retiree	s, Disabled	Retirees and	Surviving S	Spouses
	M	ledical Insuranc	<u>e</u>	<u>Dental</u>
Age Group	Males	Females	Total	<u>Insurance</u>
Under 50	1	5	6	9
50 to 54	14	10	24	30
55 to 59	108	93	201	218
60 to 64	251	192	443	477
65 to 69	288	253	541	586
70 to 74	320	287	607	695
75 to 79	302	259	561	645
80 to 84	163	165	328	383
85 to 89	85	111	196	220
<u>Over 90</u>	<u>42</u>	<u>72</u>	<u>114</u>	<u>148</u>
Total	1,574	1,447	3,021	3,411

APPENDIX A – MEMBERSHIP INFORMATION

Counts do not include dependent spouses or members in In-Lieu credit program





APPENDIX A – MEMBERSHIP INFORMATION

Medical Plan E	lections as of June 3 Retirees &	80, 2024	
Medical Plan	Surviving Spouses	Spouses	Total
Pre-Medicare Medical Plans			
Kaiser DHMO	52	47	99
Kaiser HDHP	65	42	107
Kaiser \$25 Co-pay	432	281	713
Kaiser \$15 Co-pay (Hawaii)	1	0	1
Kaiser \$25 Co-pay (Northwest)	5	5	10
Anthem DHMO	11	10	21
Anthem Select \$20 Co-pay	36	20	56
Anthem Traditional \$20 Co-pay	28	17	45
Anthem HDHP	30	17	47
Anthem Select PPO	10	1	11
Anthem Classic PPO	<u>4</u>	<u>0</u>	4
Total	674	440	1,114
Medicare Medical Plans			
Kaiser Senior Advantage	1,445	533	1,978
Kaiser Senior Advantage (Hawaii)	4	2	6
Kaiser Senior Advantage (Northwest)	25	7	32
Anthem Medicare PPO	<u>873</u>	<u>320</u>	<u>1,193</u>
Total	2,347	862	3,209

Current Vested Terminations*				
Age Group	Male	Female	Total	
Under 45	3	9	12	
45 to 49	15	21	36	
50 to 54	29	38	67	
55 to 59	9	10	19	
60 to 64	2	3	5	
Over 65	<u>1</u>	<u>1</u>	<u>2</u>	
Total	59	82	141	

* Includes term vested participants with at least 15 years of OPEB benefit service (37.5% pension multiplier)



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Economic Assumptions

The expected return on Plan assets and per person cost trend assumptions shown below were adopted by the Board of Administration with our input at the November 21, 2024 Board meeting. Please refer to the presentation for that meeting for details, including the rationale for each assumption.

1. Expected Return on Plan Assets

6.00% per year. The Board expects a long-term rate of return of 6.5% based on Meketa's 10-year capital market assumptions and the Plan's current investment policy. A margin for adverse deviation was used to improve the probability of achieving the discount rate.

2. Per Person Cost Trends

Medical trends were developed using the 2024 Society of Actuaries Long-Run Medical Cost Trend Model with the following parameters:

Initial trend rate for the 2025 calendar ye	ear:
Non-Medicare Eligible:	7.00%
Medicare Eligible:	7.50%
	2 500/
Inflation:	2.50%
Real GDP per Capita:	1.40%
Excess Medical Cost Growth:	0.90%
Expected GDP Share in 2033:	19.8%
Resistance Point:	17.7%
Year limited to GDP growth:	2075

Initial trend rate for the 2025 calendar year:



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Annual Increase							
Fiscal Year	Pre-	Medicare		Fiscal Year	Pre-	Medicare	
Beginning	Medicare	Eligible	Dental	Beginning	Medicare	Eligible	Dental
2025	Ve	aries by Plar	ı	2055	4.40	4.40	3.50
2026	6.85%	5.60%	3.50%	2056	4.40	4.40	3.50
2027	6.54	5.49	3.50	2057	4.39	4.39	3.50
2028	6.24	5.38	3.50	2058	4.39	4.39	3.50
2029	5.94	5.27	3.50	2059	4.38	4.38	3.50
2030	5.63	5.15	3.50	2060	4.38	4.38	3.50
2031	5.33	5.04	3.50	2061	4.37	4.37	3.50
2032	5.02	4.93	3.50	2062	4.37	4.37	3.50
2033	4.71	4.71	3.50	2063	4.36	4.36	3.50
2034	4.54	4.54	3.50	2064	4.36	4.36	3.50
2035	4.54	4.54	3.50	2065	4.33	4.33	3.50
2036	4.53	4.53	3.50	2066	4.29	4.29	3.50
2037	4.52	4.52	3.50	2067	4.24	4.24	3.50
2038	4.51	4.51	3.50	2068	4.20	4.20	3.50
2039	4.50	4.50	3.50	2069	4.16	4.16	3.50
2040	4.50	4.50	3.50	2070	4.12	4.12	3.50
2041	4.49	4.49	3.50	2071	4.08	4.08	3.50
2042	4.48	4.48	3.50	2072	4.03	4.03	3.50
2043	4.47	4.47	3.50	2073	3.99	3.99	3.50
2044	4.47	4.47	3.50	2074	3.95	3.95	3.50
2045	4.46	4.46	3.50	2075+	3.94	3.94	3.50
2045	4.45	4.45	3.50	20701	0.71	5.71	2.20
2047	4.45	4.45	3.50				
2048	4.44	4.44	3.50				
2049	4.44	4.44	3.50				
2050	4.43	4.43	3.50				
2050	4.42	4.42	3.50 3.50				
2051	4.42	4.42	3.50				
2052	4.41	4.41	3.50				
2053	4.41	4.41	3.50				

The table above shows the trend increases on a fiscal year basis; premium rates change on a calendar year basis. For the fiscal year beginning July 1, 2025, the trend was developed using the actual calendar year 2025 premiums and a trend assumption for the calendar year 2026. The trend factors vary by plan as shown in the table on the next page.



Plan	FY Beginning 2025 Trend
Pre-Medicare	
Kaiser Plans	6.93%
Anthem Plans	6.02%
Medicare	
Kaiser Plan	7.19%
Anthem PPO Plan	7.24%
Dental	
HMO Plan	1.76%
PPO Plan	1.75%

APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Deductibles, Co-payments, Out-of-Pocket Maximums, and Annual Maximums (where applicable) are assumed to increase at the above trend rates.

3. Changes Since Last Valuation

The per-person cost trends were updated.



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Demographic Assumptions

The OPEB assumptions were adopted by the Board of Administration at the November 21, 2024 Board meeting based on our recommendations. The demographic assumptions shared with the pension plan shown below were adopted at the November 16, 2023 Board meeting based on recommendations from our experience study covering Plan experience through June 30, 2023. Please refer to the full experience study report and the November 16, 2023 Board presentation for details, including the rationale for each demographic assumption.

1. Salary Increase Rate

Wage inflation component

Reflect currently bargained increases for FYE 2025, 3.5% effective July 1, 2025, and 3.00% thereafter. These increases approximate the bargained increases for the largest bargaining groups.

Merit Increases

In addition to the wage inflation component shown above, the following merit component is added based on an individual member's years of service:

Salary Merit Increases				
Years of Service	Merit/ Longevity	Years of Service	Merit/ Longevity	
0	3.25%	10	1.00	
1	3.25	11	0.85	
2	3.05	12	0.70	
3	2.75	13	0.55	
4	2.40	14	0.45	
5	2.10	15	0.40	
6	1.85	16	0.35	
7	1.60	17	0.30	
8	1.35	18+	0.25	
9	1.20			



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

2. Rates of Termination

Rates of termination are shown in the following table.

Rates of Termination				
Years of Service	Termination Rate	Years of Service	Termination Rate	
0	15.00%	8	5.50	
1	12.75	9	4.75	
2	11.75	10	4.25	
3	10.75	11	4.00	
4	9.75	12	3.75	
5	8.75	13	3.50	
6	7.75	14	3.25	
7	6.50	15+	3.25	

Termination rates do not apply once a member is eligible for retirement.

3. Rates of Refund

<u>Tier 1:</u>

Rates of vested terminated employees electing a refund of contributions are shown in the following table.

Rates of Refund				
Years of Service	Younger than Age 45	Ages 45 and Older		
0-4	100.0%	100.0%		
5	20.0	15.0		
6	18.0	12.5		
7	16.5	10.0		
8	15.0	8.0		
9	13.5	6.0		
10	12.0	5.0		
11	10.0	5.0		
12	8.0	5.0		
13	6.0	5.0		
14	3.0	2.5		
15+	0.0	0.0		

Refund rates do not apply once a member is eligible for retirement.

<u>Tier 2:</u>

Vested terminated employees are expected to take a refund if it exceeds the actuarial present value of their deferred benefit payment.



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

4. Deferred Vested Member Retirement Age

Tier 1 terminated vested members are assumed to retire at age 57 and Tier 2 terminated vested members are assumed to retire at age 62.

5. Rates of Retirement for Tier 1 Members

Rates of retirement for Tier 1 members are based on age and service according to the following table.

Tier 1 Rates of Retirement by Age and Service					
		Years of	f Service		
Age	Less than 15	15 to 24	25 to 29	30 or more	
50	0.0%	0.0%	0.0%	75.0%	
51	0.0	0.0	0.0	60.0	
52	0.0	0.0	0.0	55.0	
53	0.0	0.0	0.0	55.0	
54	0.0	0.0	0.0	55.0	
55	7.0	25.0	55.0	55.0	
56	7.0	14.0	25.0	55.0	
57	7.0	14.0	25.0	40.0	
58	7.0	14.0	25.0	30.0	
59	7.0	14.0	25.0	30.0	
60	7.0	14.0	25.0	30.0	
61	10.0	14.0	25.0	20.0	
62	15.0	14.0	25.0	20.0	
63	15.0	14.0	20.0	20.0	
64	15.0	14.0	20.0	20.0	
65	20.0	18.0	30.0	20.0	
66	20.0	18.0	40.0	20.0	
67	20.0	25.0	50.0	20.0	
68	25.0	25.0	50.0	20.0	
69	25.0	25.0	50.0	20.0	
70+	100.0	100.0	100.0	100.0	



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

6. Rates of Retirement for Tier 2 Members

Rates of retirement for Tier 2 members are based on age and service according to the following table.

Tier 2 Rates of Retirement by Age and Service					
		Years of	f Service		
Age	Less than 15	15 to 24	25 to 34	35 or more	
55	5.0%	5.0%	7.5%	100%	
56	5.0	5.0	7.5	100	
57	5.0	5.0	7.5	100	
58	5.0	5.0	7.5	100	
59	5.0	7.5	10.0	100	
60	5.0	10.0	15.0	100	
61	5.0	10.0	15.0	100	
62	15.0	25.0	50.0	100	
63	7.5	15.0	25.0	100	
64	12.5	15.0	25.0	100	
65	17.5	30.0	50.0	100	
66	17.5	30.0	50.0	100	
67	17.5	30.0	50.0	100	
68	17.5	30.0	50.0	100	
69	17.5	30.0	50.0	100	
70+	100.0	100.0	100.0	100	



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

7. Disability Rates

Disability rates are equal to the 0.956 times the CalPERS 2021 non-industrial disability incidence rates for miscellaneous public agencies, blended 55% male and 45% female. Sample disability rates of active members are provided in the following table.

Rates of Disability at Selected Ages					
Age	Disability				
25	0.0233%				
30	0.0289				
35	0.0529				
40	0.1187				
45	0.2325				
50	0.3174				
55	0.2508				
60	0.2075				
65+	0.2394				

50% of disabilities are assumed to be duty related, and 50% are assumed to be non-duty related.

8. Base Rates of Mortality

Base mortality rates are based on the sex-distinct employee and retiree mortality tables shown below.

Base Mortality Tables				
Category	Male	Female		
Healthy Retirees and Beneficiaries	0.995 times the 2010 Public General Mortality Table (PubG- 2010) for Healthy Retirees	1.020 times the 2010 Public General Mortality Table (PubG- 2010) for Healthy Retirees		
Healthy Non- Annuitant	0.992 times the 2010 Public General Mortality Table (PubG- 2010) for Healthy Employees	1.084 times the 2010 Public General Mortality Table (PubG- 2010) for Healthy Employees		
Disabled Retirees	0.990 times the 2010 Public General Mortality Table (PubG- 2010) for Disabled Retirees	0.920 times the 2010 Public General Mortality Table (PubG- 2010) for Disabled Retirees		



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

9. Rates of Mortality Improvement

Future mortality improvements are reflected by applying the MP-2021 projection scale issued by the Society of Actuaries on a generational basis from the base year of 2010.

10. Married Percentage

Percentage Married				
Gender Percentage				
Males Females	80% 60%			

11. Dependent Age

For current retirees, actual spouse date of birth was used when available. For future retirees, male retirees are assumed to be two years older than their partner, and female retirees are assumed to be two years younger than their partner.

12. Percent of Future Retirees Electing Coverage Versus In-Lieu Credits

Upon retirement, members are assumed to elect coverage or enter the In-Lieu credit program according to the following table.

Future Retiree Participation				
	Coverage	In-Lieu		
Active Members Terminated Vested Members	80% 60%	20% 40%		

13. Dependent Coverage Elections

Upon retirement, members who elect coverage are assumed to cover dependents according to the following table.

Assumed Future Retiree Tier Elections					
Pre-Medicare Medicare Coverage Tier Male Female Male Femal					
Retiree Only Retiree and Children Retiree and Spouse Retiree and Family	31% 4% 37% 28%	53% 9% 26% 12%	35% 0% 65% 0%	62% 0% 38% 0%	

100% of members eligible for dental are assumed to elect spousal coverage.



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

14. In-Lieu Assumptions

Members who elect to receive the In-Lieu credits are assumed to remain in the In-Lieu credit program for five years, after which they are assumed to elect coverage and use their In-Lieu credits. The amount of the In-Lieu credit is 25% of the subsidy for the tier of coverage for which the retiree qualifies. Future retiree medical tier qualification assumptions are provided in the following table.

Assumed Future Retiree In-Lieu Credit Tier					
Pre-Medicare Medicare Coverage Tier Male Female Male Femal					
Retiree Only Retiree and Children Retiree and Spouse Retiree and Family	30% 0% 30% 40%	30% 0% 30% 40%	45% 0% 55% 0%	45% 0% 55% 0%	

15. Health Plan Election

Retirees who are not yet age 65 are assumed to be eligible for Medicare when they reach age 65 and are assumed to enroll in the Medicare-eligible plan corresponding to their current Pre-Medicare plan election. Future retirees are assumed to elect plans in the proportion shown in the following table.

Assumed Plan Elections for Future Retirees*					
	% Electing		% Electing		
Pre-Medicare Medical Plans		Medicare-Eligible Medical Plans			
Kaiser DHMO	8%	Kaiser Senior Advantage	61%		
Kaiser \$25 Co-pay	67%	Anthem Medicare PPO	39%		
Kaiser HDHP	8%				
Anthem DHMO	1%				
Anthem Select \$20 Co-pay	5%				
Anthem Traditional \$20 Co-pay	2%				
Anthem HDHP PPO	5%	Dental Plans (All Retirees)			
Anthem Select PPO	3%	Delta Dental PPO	98%		
Anthem Classic PPO	1%	DeltaCare HMO	2%		

* Eligible for coverage and elect coverage

16. Voluntary Employees' Beneficiary Association Balance Drawdown

Members are assumed to draw down their VEBA balances by the blended active and retiree member plus spouse premium, without factoring in the lowest cost premium, and increased by a factor of 1.75 to estimate the adjustment from a blended active and retiree premium to a retiree-only premium.



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

17. Administrative Expenses

\$109 per member for FYE 2026, increasing at the ultimate wage inflation assumption of 3.00% per annum.

18. Changes Since Last Valuation

Future retiree tier election assumptions were updated.



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Claim and Expense Assumptions

The claim and expense assumptions shown below were adopted by the Board of Administration at the November 21, 2024 Board meeting based upon our recommendations.

The claims costs are based on the fully insured premiums charged to the City for the active and retiree population in 2024 and 2025. For non-Medicare adults, the premiums for each coverage tier (retiree only, retiree plus spouse, retiree plus child(ren) and retiree plus family) were blended based on enrollment data for the 2024 calendar year. The same process was used for Medicare adults, except only Medicare-eligible retirees were included. The resulting per person per month (PPPM) cost was then adjusted using age curves. The pre-Medicare adult claims curves were then loaded for the cost of children; the load for children decreases by retiree age since older retirees have fewer children. The impact of children on Medicare costs was assumed to be de minimis. All claims costs are developed jointly for the Federated, Police, and Fire Postemployment Healthcare Plans of the City of San José.

The claim costs and trend assumptions reflect the Inflation Reduction Act of 2022 (the Act) including associated regulations and market responses to date. As the regulations and market responses evolve, the impact on future costs could vary significantly from those assumed in this valuation.

1. Average Annual Claims and Expense Assumptions

The following claim and expense assumptions were developed as of July 1, 2024 based on the premiums for 2024 and 2025. The explicit subsidy amount (100% of the premium for the lowest cost health plan available to active City employees) is assumed to grow based on the Pre-Medicare cost trend rates.

	Sample Claims Costs - Non-Medicare Eligible					
	Kaise	er	Anthem	HMO	Anthem PPO	
Age	Male	Female	Male	Female	Male	Female
40	\$13,137	\$15,957	\$18,338	\$21,876	\$23,180	\$28,809
45	13,246	15,424	18,101	20,833	24,012	28,359
50	13,793	15,564	18,412	20,634	25,716	29,252
55	15,045	16,294	19,609	21,175	28,829	31,322
60	17,360	16,929	22,137	21,596	34,061	33,201
64	20,271	16,503	25,490	20,763	40,363	32,842

The following tables show the claims costs for each medical plan as of the valuation date:



Sample Claims Costs - Medicare Eligible						
	Kaiser Sen	ior Adv	Anthem Se	elect PPO		
Age	Male	Female	Male	Female		
65	\$3,092	\$2,728	\$5,528	\$4,876		
70	3,284	2,781	5,870	4,972		
75	3,774	3,128	6,747	5,591		
80	4,286	3,547	7,661	6,341		
85	4,629	3,876	8,274	6,929		

APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

<u>Sample Claims Costs - Dental</u> Dental Blended			
Age Unisex			
All	703.11		

2. Medicare Part D Subsidy

Per GASB guidance, the Part D Subsidy has not been reflected in this valuation.

3. Medicare Part B

All Medicare eligible retirees are assumed to participate in Medicare Part B.

4. Medicare Eligibility

All retirees who turn age 65 are assumed to be eligible for Medicare.

5. Annual Limits

Assumed to increase at the same rate as trend.

6. Lifetime Maximums

Are not assumed to have any financial impact.

7. Geography

Implicitly assumed to remain the same as current retirees.

8. Retiree Contributions

Retirees pay the difference between the actual premium for the elected medical plan and the lowest cost medical plan available to active members if the retiree is eligible to receive the explicit subsidy. No retiree contributions are required for dental.



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

9. Changes Since Last Valuation

All claims costs were updated to reflect the changes in plan premiums and the populations covered.



APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Contribution Allocation Procedure

The contribution allocation procedure primarily consists of an actuarial cost method, an asset smoothing method, and an amortization method as described below.

1. Actuarial Cost Method

The Entry Age actuarial cost method was used for active employees, whereby the normal cost is computed as the level annual percentage of pay required to fund the retirement benefits between each member's date of hire and assumed retirement. The Actuarial Liability is the difference between the present value of future benefits and the present value of future normal costs. Or, equivalently, it is the accumulation of normal costs for all periods prior to the valuation date. The normal cost and Actuarial Liability are calculated on an individual basis. The sum of the individual amounts is the normal cost and Actuarial Liability for the Plan. The Actuarial Liability for the Plan represents the target amount of assets the Plan should have as of the valuation date according to the actuarial cost method.

2. Asset Valuation Method

The Actuarial Value of Assets equals the Market Value of Assets.

3. Amortization Method

The Unfunded Actuarial Liability is the difference between the Actuarial Liability and the Actuarial Value of Assets. The Unfunded Actuarial Liability as of June 30, 2017, is amortized as a level dollar amount over a closed 20-year period. All subsequent amortization bases are amortized over 20-year periods with a 3-year phase-in and phase-out.

4. Contributions

The City will contribute the annual implicit subsidy as part of active employee health premiums and will prefund the explicit subsidy based on the normal cost, administrative expenses and amortization payment described above less expected employee contributions. The City has the option to limit its contribution towards the explicit subsidy to no more than 14% of the total payroll.

Active members who are eligible for full benefits contribute 7.50% of pay.

5. Changes Since Last Valuation

None.



APPENDIX C – SUMMARY OF PLAN PROVISIONS

POSTEMPLOYMENT HEALTHCARE PLAN

- **Eligibility:** Employees hired before September 2013 who did not elect to opt-in to the Voluntary Employees' Beneficiary Association (VEBA).
- **Medical:** Employees who retire (including deferred vested members) with at least 15 years of service with the City ("OPEB benefit service"), or with a monthly pension equal to at least 37.5% of final compensation, are eligible to elect medical coverage upon retirement.

Tier 1 employees (hired before September 30, 2012) are eligible for retirement at age 55 with five years of service or at any age with 30 years of service. Tier 2 employees (hired on or after September 30, 2012) are eligible for unreduced service retirement at age 65 with five years of service or reduced service retirement at age 55 with five years of service. Service credited thru reciprocity agreements counts towards an employee's required service to retire, but only service with the City counts towards the required years of service to receive OPEB benefits. Employees who retire with less than 15 years of service can elect coverage but receive no explicit subsidy.

Employees who become disabled with at least 15 years of service or have a monthly pension equal to at least 37.5% of final compensation are eligible to elect medical coverage upon retirement.

Spouses or domestic partners of retired members are allowed to participate if they were enrolled in the City's medical plan at the time of the member's retirement. Dependent children are eligible to receive coverage until the age of 26.

Surviving spouses/domestic partners/children of deceased members are eligible for coverage if the following conditions are met:

- 1. The employee has 15 years of service at time of death or is entitled to a monthly pension of at least 37.5% of final compensation; and,
- 2. Both the member and the survivors were enrolled in the active medical plan immediately before death; and,
- 3. The survivor will receive a monthly pension benefit.
- **Dental:** Employees who retire or become disabled directly from City service with at least five years of service or with a monthly pension equal to at least 37.5% of final compensation and are enrolled in a City dental plan at retirement are eligible to elect dental coverage upon retirement. Spouses, domestic partners, or children of retired members are allowed to participate if they were enrolled in the City's dental plan at the time of the member's retirement.



APPENDIX C – SUMMARY OF PLAN PROVISIONS

Surviving spouses/domestic partners/children of deceased members are eligible for coverage if the following conditions are met:

- 1. The employee has five years of service at time of death or is entitled to a monthly pension of at least 37.5% of final compensation; and,
- 2. Both the member and the survivors were enrolled in the active dental plan immediately before death; and,
- 3. The survivor will receive a monthly pension benefit.

Benefits for Retirees:

- **Medical:** The Plan pays 100% of the premium for the lowest cost health plan available to active City employees. The member pays the difference if another plan is elected.
- **Dental:** The Plan pays 100% of the dental insurance premiums.
- **In-Lieu:** Upon retirement, members may elect to receive credits equal to 25% of the premium subsidy the Plan would have paid in-lieu of the actual subsidy. These credits may be used at a future date to supplement the Plan's premium subsidy for the coverage elected.
- **Premiums:** Monthly premiums for calendar years 2024 and 2025 are as follows.



APPENDIX C – SUMMARY OF PLAN PROVISIONS

2024 Monthly Premiums								
		Single		Emp/Sp	E	Cmp/Chd		Family
Medical								
Non-Medicare Monthly Rates								
Kaiser DHMO	\$	708.38	\$	1,416.74	\$	1,239.66	\$	2,125.12
Kaiser \$25 Co-pay		865.12		1,730.22		1,513.94		2,595.34
Kaiser HDHP		596.84		1,193.68		1,044.46		1,790.52
Anthem HMO Select \$20 Co-pay		940.24		2,068.48		1,692.42		2,914.64
Anthem HMO Traditional \$20 Co-pay		1,080.88		2,377.90		1,945.60		3,350.68
Anthem DHMO		724.88		1,594.78		1,304.78		2,247.18
Anthem HDHP		1,653.72		3,638.18		2,976.70		5,126.58
Anthem Select PPO		2,684.40		5,905.74		4,831.96		8,321.78
Anthem Classic PPO		2,871.06		6,316.36		5,167.88		8,900.28
Medicare-Eligible Monthly Rates								
Kaiser Senior Advantage	\$	270.09	\$	540.18	\$	540.18	\$	810.27
Anthem Medicare PPO		502.69		1,005.38		1,005.38		1,508.07
Dental								
Delta Dental PPO	\$	50.88	\$	111.92	\$	122.12	\$	157.72
DeltaCare HMO		24.44		48.86		42.74		73.30



APPENDIX C – SUMMARY OF PLAN PROVISIONS

2025 Monthly Premiums								
		Single		Emp/Sp	E	Cmp/Chd		Family
Medical								
Non-Medicare Monthly Rates								
Kaiser DHMO	\$	756.94	\$	1,513.88	\$	1,324.66	\$	2,270.82
Kaiser \$25 Co-pay		924.42		1,848.84		1,617.74		2,773.26
Kaiser HDHP		637.74		1,275.48		1,116.06		1,913.22
Anthem HMO Select \$20 Co-pay		987.26		2,171.90		1,777.04		3,060.38
Anthem HMO Traditional \$20 Co-pay		1,134.92		2,496.80		2,042.88		3,518.22
Anthem DHMO		761.12		1,674.52		1,370.02		2,359.54
Anthem HDHP		1,736.42		3,820.10		3,125.54		5,382.92
Anthem Select PPO		2,818.62		6,201.04		5,073.56		8,737.88
Anthem Classic PPO		3,014.62		6,632.18		5,426.28		9,345.30
Medicare-Eligible Monthly Rates								
Kaiser Senior Advantage	\$	294.02	\$	588.04	\$	588.04	\$	882.06
Anthem Medicare PPO		547.69		1,095.38		1,095.38		1,643.07
Dental								
Delta Dental PPO	\$	50.88	\$	111.92	\$	122.12	\$	157.72
DeltaCare HMO		24.44		48.86		42.74		73.30



APPENDIX C – SUMMARY OF PLAN PROVISIONS

Summary of 2025 Benefit Plans:

Medicare-Eligible Plans	Kaiser	Anthem PPO
Annual Out-of-Pocket Maximum	\$1,000 per year for any one member	\$0
Annual Deductible	None	None
Office Visit copay	\$25	\$0
Emergency Room copay	\$50	\$0
Hospital Care copay	\$250	\$0
Prescription Drug retail copay (30-day supply):		
Generic Brand Non-Formulary Specialty Drug	\$10 \$10 N/A	\$10 \$25 \$40



APPENDIX C – SUMMARY OF PLAN PROVISIONS

		Kaiser		Anthem	НМО			
Non-Medicare Plans:	High Deductible	DHMO	\$25 Co-Pay	\$20 Co-Pay	DHMO	Select PPO	Classic PPO	High Deductible
Annual Out-of- Pocket Maximum (single/family)	\$6,050/ \$12,100	\$4,000/ \$8,000	\$1,500/ \$3,000	\$1,500/ \$3,000	\$4,000/ \$8,000	\$2,100/ \$4,200	\$2,100/ \$4,200	\$4,000/ \$8,000
Annual Deductible (single/family)	\$3,000/ \$6,000	\$1,500/ \$3,000	None	None	\$1,500/ \$3,000	\$100/\$200	\$100/\$200	\$2,500/ \$5,000
Office Visit copay	30%**	\$40	\$25	\$20	\$20	\$25	\$25	20%**
Emergency Room copay	30%**	30%**	\$100	\$100	30%**	\$100	\$100	20%**
Hospital Care copay	30%**	30%**	\$100	\$100	30%**	10%**	10%**	20%**
Prescription Drug retail copay (30-day supply):								
Generic Brand Non-Preferred Specialty	\$10 \$30 N/A	\$10 \$30 N/A	\$10 \$25 N/A	\$10 \$30 \$60	\$10 \$30 \$60	\$10 \$25 \$40	\$10 \$25 \$40	\$10 \$30 \$60

* In-Network benefits

** After deductible is paid.



APPENDIX C – SUMMARY OF PLAN PROVISIONS

Cost-Sharing Provisions:

For the purpose of this valuation, it is assumed that the City of San José will in the future maintain a consistent level of cost sharing for benefits with the retirees. This may be achieved by adjusting benefit provisions, retiree-paid premiums, or both.



APPENDIX C – SUMMARY OF PLAN PROVISIONS

VOLUNTARY EMPLOYEES' BENEFICIARY ASSOCIATION (VEBA)

Eligibility: Employees who elected to opt-in to the Voluntary Employees' Beneficiary Association (VEBA).

Employee Group	VEBA Contribution Rate					
Tier 1 and Tier 2A (Hired before September 2013)						
Management: Non-Management	2.5% 3.5%					
Tier 2B						
Not Unit 99 Unit 99	2.0% N/A					

- **Contributions:** Employees are required to make mandatory contributions into the VEBA on a pre-tax basis.
- Medical: VEBA funds can be used to reimburse members for eligible healthcare expenses.

VEBA members on service-connected disability receive single coverage benefits from the Postemployment Healthcare Plan up to age 65 once VEBA funds are exhausted.

Note: The summary of major plan provisions is designed to outline principal plan benefits. If the Department of Retirement Services should find the plan summary not in accordance with the actual provisions, the actuary should immediately be alerted so the proper provisions are valued.



APPENDIX D – GLOSSARY OF TERMS

1. Actuarial Assumptions

Assumptions as to the occurrence of future events affecting pension costs, such as: mortality, withdrawal, and retirement; changes in compensation; rates of investment earnings, and asset appreciation or depreciation; procedures used to determine the Actuarial Value of Assets; and, other relevant items.

2. Actuarial Cost Method

A procedure for determining the actuarial present value of pension plan benefits and expenses and for developing an allocation of such value to each year of service, usually in the form of a normal cost and an Actuarial Liability.

3. Actuarial Gain (Loss)

A measure of the difference between actual experience and that expected based upon a set of actuarial assumptions during the period between two actuarial valuation dates, as determined in accordance with a particular actuarial cost method.

4. Actuarial Liability

The portion of the actuarial present value of projected benefits that will not be paid by future normal costs. It represents the value of the past normal costs with interest to the valuation date.

5. Actuarial Present Value (Present Value)

The value as of a given date of a future amount or series of payments. The actuarial present value discounts the payments to the given date at the assumed investment return and includes the probability of the payment being made. As a simple example: assume you owe \$100 to a friend one year from now. Also, assume there is a 1% probability of your friend dying over the next year, in which case you will not be obligated to pay him. If the assumed investment return is 10%, the actuarial present value is:

	Pro	bability	1		
Amount	of Pay	ment	(1+Discount	Rate)	
\$100	Х	(1 – .0	1) 1/(1+.1)	=	\$90

6. Actuarial Valuation

The determination, as of a specified date, of the normal cost, Actuarial Liability, Actuarial Value of Assets, and related actuarial present values for a pension plan.

7. Actuarial Value of Assets

The value of cash, investments, and other property belonging to a pension plan as used by the actuary for the purpose of an actuarial valuation. The purpose of an Actuarial Value of Assets is to smooth out fluctuations in market values. This way long-term costs are not distorted by short-term fluctuations in the market.



APPENDIX D – GLOSSARY OF TERMS

8. Amortization Payment

The portion of the pension plan contribution, which is designed to pay interest and principal on the Unfunded Actuarial Liability in order to pay for that liability in a given number of years.

9. Entry Age Normal Actuarial Cost Method

A method under which the actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated as a level percentage of pay from the individual's date of entry into the plan to the individual's assumed cessation of employment.

10. Normal Cost

That portion of the actuarial present value of pension plan benefits and expenses which is allocated to a valuation year by the actuarial cost method.

11. Unfunded Actuarial Liability

The excess of the Actuarial Liability over the Actuarial Value of Assets.

12. Funded Percentage

The ratio of the Actuarial Value of Assets to the Actuarial Liability.

13. Mortality Table

A set of percentages that estimate the probability of death at a particular point in time. Typically, the rates are annual and based on age and sex.

14. Discount Rate

The assumed interest rate used for converting projecting dollar related values to a present value as of the valuation date.

15. Medical Trend

The assumed increase in dollar related values in the future due to the increase in the cost of health care.



APPENDIX E – LIST OF ABBREVIATIONS

Actuarial Accrued Liability (AAL) Actuarial Valuation Report (AVR) Annual Required Contribution (ARC) Coordination of Benefits (COB) Deductible and Coinsurance (DC) Deferred Retirement Option Plan (DROP) Durable Medical Equipment (DME) **Employee Assistance Program (EAP) Employee Benefits Division (EBD)** Fiscal Year Ending (FYE) Governmental Accounting Standards Board (GASB) Hospital Emergency Room (ER) In-Network (INN) Inpatient (IP) Medicare Eligible (ME) Net Other Postemployment Benefit (NOO) Non-Medicare Eligible (NME) Not Applicable (NA) Office Visit (OV) Other Postemployment Benefit (OPEB) Out-of-Network (OON) Out-of-Pocket (OOP) Outpatient (OP) Pay-as-you-go (PAYGo) Per Person Per Month (PPPM) Pharmacy (Rx) Preferred Provider Organization (PPO) Primary Care Physician (PCP) Specialist Care Provider (SCP) Summary Plan Description (SPD) Unfunded Actuarial Accrued Liability (UAAL) Unfunded Actuarial Liability (UAL) Urgent Care (UC)





Classic Values, Innovative Advice