City of Ann Arbor Retiree Health Benefits Plan & Trust Annual Actuarial Valuation

as of June 30, 2023





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October 6, 2023

Board of Trustees City of Ann Arbor Retiree Health Benefits Plan & Trust Ann Arbor, Michigan

Re: City of Ann Arbor Retiree Health Benefits Plan & Trust as of June 30, 2023 Actuarial Disclosures

Dear Board Members:

The results of the June 30, 2023 Annual Actuarial Valuation of the City of Ann Arbor Retiree Health Benefits Plan & Trust are presented in this report.

This report was prepared at the request of the Board and is intended for use by the City of Ann Arbor and those designated or approved by the Board or the City. This report may be provided to parties other than the City only in its entirety and only with the permission of the Board or the City. GRS is not responsible for unauthorized use of this report.

The purposes of the valuation are to measure the Plan's funding progress and to determine the Actuarially Determined Contribution for the fiscal year ending June 30, 2025. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different. This report does not include actuarial information needed to satisfy reporting requirements under Governmental Accounting Standards Board Statements No. 74 or No. 75.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

Results presented in this report are developed using the actuarial assumptions and methods disclosed in this report. 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 or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. This report does not include a robust assessment of the risks of future experience not meeting the actuarial assumptions. Additional assessment of risks was outside the scope of this assignment. We encourage a review and assessment of the investment and other significant risks that may have a material effect on the plan's financial condition.

Board of Trustees City of Ann Arbor Retiree Health Benefits Plan & Trust October 6, 2023 Page 2

The findings in this report are based on information furnished by the City concerning retiree health care benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal reasonability and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the City.

This report was prepared using assumptions adopted by the Board. All actuarial assumptions used in this report are reasonable for the purposes of this valuation. All actuarial assumptions and methods used in the valuation follow the guidance in the applicable Actuarial Standards of Practice. Additional information about the actuarial assumptions is included in the section of this report entitled Actuarial Cost Method and Assumptions.

This report was prepared using our proprietary valuation model and related software which, in our professional judgment, has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

This report has been prepared by actuaries who have substantial experience valuing public retiree health programs. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the City of Ann Arbor Retiree Health Benefits Plan & Trust as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board.

James D. Anderson, Richard C. Koch Jr. and Francois Pieterse are Members of the American Academy of Actuaries (MAAA). These actuaries meet the Academy's Qualification Standards to render the actuarial opinions contained herein. The signing actuaries are independent of the plan sponsor.

Gabriel, Roeder, Smith & Company will be pleased to answer any questions pertaining to the valuation.

Respectfully submitted, Gabriel, Roeder, Smith & Company

James D. Anderson, FSA, EA, FCA, MAAA

l C. Ko Richard C. Koch Jr., FSA, EA, MAAA

Francois Pieterse, ASA, FCA, MAAA

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EXECUTIVE SUMMARY

Executive Summary

Actuarially Determined Contribution and OPEB Cost

We have calculated the Actuarially Determined Contribution for the fiscal year ending June 30, 2025, using an interest rate assumption of 6.70%. Below is a summary of the results.

	Actuarially Determined	Estimated Claims Paid for
Fiscal Year Ending	Contribution	Retirees
June 30, 2025	\$7,529,098	\$17,459,473

Liabilities and Assets – As of June 30, 2023

1. Present Value of Future Benefit Payments	\$314,003,266
2. Actuarial Accrued Liability	301,438,341
3. Plan Assets	251,254,388
4. Unfunded Actuarial Accrued Liability (2) – (3)	50,183,953
5. Funded Ratio (3)/(2)	83.4%

The Present Value of Future Benefit Payments (PVFB) is the present value of all benefits projected to be paid from the plan for past and future service to current members. The Actuarial Accrued Liability is the portion of the PVFB allocated to past service by the Plan's funding method (see the section titled "Actuarial Cost Method and Actuarial Assumptions").



SECTION A

VALUATION RESULTS

Summary of Key Actuarial Valuation Results

Valuation Date	June 30, 2023	June 30, 2022
Summary of Member Data		
Number of Members Included in Valuation		
Active Traditional Plan Members	201	237
Active RHRA Plan Members	527	474
Inactive Plan Members and Beneficiaries Receiving		
Benefits	1,123	1,084
Total	1,851	1,795
Summary of Assets		
Market Value	\$249,832,624	\$226,358,005
Market Value Rate of Return	10.01%	-7.60%
Funding Value	\$251,254,388	\$234,208,254
Funding Value Rate of Return	6.94%	6.42%
Summary of Liabilities		
Total Actuarial Accrued Liability	\$301,438,341	\$282,282,173
Unfunded Actuarial Liability (UAL)	\$ 50,183,953	\$ 48,073,919
Funded Ratio	83.35%	82.97%
Employer Actuarially Determined Contribution (ADC)		
Employer Normal Cost Amount	\$ 2,080,285	\$ 2,181,959
Amortization of Unfunded Accrued Liability (Active)	816,459	832,045
Amortization of Unfunded Accrued Liability (Inactive)	4,384,218	3,838,242
Interest	248,136	233,525
Total Preliminary ADC	\$ 7,529,098	\$ 7,085,771
Prior Fiscal Year Budgeted Contribution ⁽¹⁾	\$ 15,248,635	\$ 14,457,246
Prior Fiscal Year Budgeted Contribution Increased by 2%	\$ 15,553,608	\$ 14,746,391
Final Estimated Employer Contribution	\$ 15,553,608	\$ 14,746,391
Actual Versus Calculated Employer Contribution		
Calculated Employer Contribution ⁽²⁾ for Fiscal Year Ending	\$ 9,403,669	\$ 13,001,479
Actual Employer Contribution for Fiscal Year Ending	15,340,861	13,797,260
Amortization Period (years)	16	18

⁽¹⁾ *Provided by the City.*

⁽²⁾ Contribution calculated in the valuation two years prior to the fiscal year.



Development of the Actuarially Determined Contributions for the Other Postemployment Benefits Fiscal Year Ending June 30, 2025

		General		Police		Fire	
Contributions for	General	RHRA	Police	RHRA	Fire	RHRA	 Total
1. Total Normal Cost of Benefits	\$ 990,373	\$ 437,731	\$ 166,330	\$ 99,458	\$ 308,172	\$ 78,221	\$ 2,080,285
2. Member Contributions	 0	0	0	0	0	0	0
3. Employer Normal Cost (1 2.)	990,373	437,731	166,330	99,458	308,172	78,221	2,080,285
4. Payment for Active Unfunded Actuarial Liabilities (UAL)	565,179	0	104,203	0	147,077	0	816,459
5. Payment for Inactive UAL	2,496,268	0	1,200,124	0	687,826	0	4,384,218
6. Interest	138,086	14,918	50,120	3,390	38,956	2,666	248,136
7. Preliminary Actuarially Determined Contribution							
(ADC) (3. + 4. + 5. + 6.)	\$ 4,189,906	\$ 452,649	\$ 1,520,777	\$ 102,848	\$ 1,182,031	\$ 80,887	\$ 7,529,098
8. Projected Fiscal Year Payroll	\$ 12,155,256	\$ 33,283,043	\$ 1,779,159	\$ 8,866,237	\$ 3,054,866	\$ 4,932,150	\$ 64,070,711
9. Preliminary ADC as a Percent of Projected Payroll	34.47 %	1.36 %	85.48 %	1.16 %	38.69 %	1.64 %	11.75 %
10. Prior Fiscal Year Budgeted Contribution ⁽¹⁾							\$ 15,248,635
11. Prior Fiscal Year Budgeted Contribution with 2% Increase							\$ 15,553,608
12. Estimated City Contribution (Greater of 7. & 11.)							\$ 15,553,608

⁽¹⁾ *Provided by the City.*

Unfunded actuarial accrued liabilities were amortized as a level dollar amount over a period of 16 years for fiscal year ending June 30, 2025. The amortization period decreases by two each year thereafter until a 15-year amortization period is reached. Once the Plan reaches a 15-year amortization period, layered amortization will be incorporated. Under a layered amortization approach, once the period reaches 15 years, the initial Unfunded Actuarial Liability would wind down until it is fully amortized. For each subsequent valuation, any new UAL created by gains/losses, assumptions changes and/or plan changes for that valuation will be amortized over a new, closed 15-year period.



Determination of Unfunded Actuarial Accrued Liability as of June 30, 2023

			June 30), 2023	
		General	Police	Fire	Total
A. Accrue	d Liability				
1. For i	retirees and beneficiaries	\$ 142,722,134	\$ 68,616,103	\$ 39,325,938	\$ 250,664,175
2. For	vested terminated members	0	0	0	0
3. For J	present active members				
a. Va	alue of expected future benefit payments	43,957,214	8,254,452	11,127,425	63,339,091
b. V	alue of future normal costs	8,768,141	1,511,589	2,285,195	12,564,925
c. Ac	ctive member accrued liability: (a) - (b)	35,189,073	6,742,863	8,842,230	50,774,166
4. Tota	l accrued liability	177,911,207	75,358,966	48,168,168	301,438,341
B. Presen	t Assets (Funding Value) ⁽¹⁾	148,369,764	62,772,862	40,111,762	251,254,388
C. Unfunc	led Accrued Liability: (A.4) - (B)	29,541,443	12,586,104	8,056,406	50,183,953
D. Fundin	g Ratio: (B) / (A.4)	83.4%	83.3%	83.3%	83.4%

(1) It was assumed that RHRA plans were fully funded. Remaining assets were allocated to each group based on non-RHRA total accrued liability.



Development of Funding Value of Retiree Health Benefits Plan Assets June 30, 2023

Valuation Date June 30:	2022	2023	2024	2025	2026	2027
A. Funding Value Beginning of Year (BOY)	\$219,502,064	\$234,208,254				
B. Market Value End of Year (EOY)	226,358,005	249,832,624				
C. Market Value BOY	244,344,934	226,358,005				
D. Non-Investment Net Cash Flow	603,827	776,434				
E. Investment Income						
1) Market Total: B-C-D	(18,590,756)	22,698,185				
2) Interest Rate	6.80%	6.70%	6.70%			
3) Amount for Immediate Recognition: (E2 x (A + 0.5 x D))	14,946,670	15,717,964				
4) Amount for Phased-In Recognition: E1 - E3	(33,537,426)	6,980,221				
F. Phased-In Recognition of Investment Income						
1) Current Year: 0.20 x E4	(6,707,485)	1,396,044				
2) First Prior Year	7,194,048	(6,707,485)	\$ 1,396,044			
3) Second Prior Year	(1,271,583)	7,194,048	(6,707,485)	\$ 1,396,044		
4) Third Prior Year	(59,287)	(1,271,583)	7,194,048	(6,707,485)	\$ 1,396,044	
5) Fourth Prior Year	0	(59,288)	(1,271,583)	7,194,050	(6,707,486)	\$1,396,045
6) Total Recognized Investment Gain/(Loss)	(844,307)	551,736	611,024	1,882,609	(5,311,442)	1,396,045
G. Funding Value EOY: A + D + E3 + F6	234,208,254	251,254,388				
H. Difference Between Market Value and Funding Value	(7,850,249)	(1,421,764)				
I. Net Funding Value Rate of Return	6.42%	6.94%				
J. Net Market Value Rate of Return	-7.60%	10.01%				
K. Funding Value / Market Value	103.5%	100.6%				

The Funding Value of Assets recognizes assumed investment income (line E2) fully each year. Differences between actual and assumed investment income (line E3) are phased-in over a closed 5-year period. During periods when investment performance exceeds the assumed rate, Funding Value of Assets will tend to be less than Market Value. During periods when investment performance is less than the assumed rate, Funding Value of Assets will tend to be greater than Market Value. The Funding Value of Assets is **unbiased** with respect to Market Value. At any time, it may be either greater or less than Market Value.



Comments

Comment A: The computed contribution increased from \$7.1 million in the June 30, 2022 valuation to \$7.5 million in the June 30, 2023 valuation. The primary reason for the increase was revised actuarial assumptions based on the experience study dated May 11, 2023 and a revised health care trend assumption. Partially offsetting increases due to revised actuarial assumptions were decreases due to favorable premium experience relative to expectations and higher than assumed investment returns.

Comment B: One of the key assumptions used in any valuation of the cost of postemployment benefits is the rate of return on Plan assets. Higher assumed investment returns will result in a lower Actuarially Determined Contribution. Lower returns will tend to increase the computed Actuarially Determined Contribution. Based on information from the plan sponsor, we have calculated the liability and the resulting Actuarially Determined Contribution using an assumed long-term rate of investment return of 6.70%.

Comment C: This valuation reflects a change in the actuarial assumptions adopted by the Retirement Board pursuant to the experience study. All calculated liabilities in the June 30, 2023 valuation were based on the revised actuarial assumptions including the use of a revised health care trend assumption. This resulted in a \$17.8 million increase in the actuarial accrued liability and a \$1.8 million increase in the Actuarially Determined Contribution.

Comment D: Amortization Method is the policy used to fund the Unfunded Actuarially Accrued Liability (UAAL). The current policy computes contribution amounts using a closed 16-year period beginning with the fiscal year ending June 30, 2025 decreasing by 2 each year until a 15-year amortization period is reached. The Board adopted an update to the amortization policy from the 2023 experience study as follows: once the Plan reaches a 15-year amortization period, a layered amortization approach will be instituted under which the initial Unfunded Actuarial Liability (UAL) winds down until it is fully amortized. For each subsequent valuation, any new UAL created by gains/losses, assumptions changes and/or plan changes for that valuation will be amortized over a new, closed 15-year period. Per the City of Ann Arbor's Other Postemployment Benefits (OPEB) Funding Policy, payments of the UAAL have been calculated as level dollar amounts.

Comment E: Unless otherwise indicated, a funded status measurement presented in this report is based upon the actuarial accrued liability and the actuarial value of assets. Unless otherwise indicated, with regards to any funded status measurements presented in this report:

- The measurement is inappropriate for assessing the sufficiency of plan assets to cover the estimated cost of settling the plan's benefit obligations; and
- The measurement is inappropriate for assessing the need for or the amount of future employer contributions.



Comments

Comment F: Under Public Act 202 of the State of Michigan, Michigan municipalities are required to report liabilities under uniform assumption guidelines. While the current guidelines are only for reporting purposes (and not funding), governments may be encouraged to use the uniform assumptions for funding. The uniform assumptions include the following:

- Investment return no higher than 6.85%;
- Assumed wage inflation no lower than 3.25%⁽¹⁾;
- Mortality assumption that uses a version of the PUB-2010 table with generational mortality improvements using scale MP-2021⁽¹⁾;
- Amortization period no longer than 16 years for Pension Plans and 26 years for Retiree Health Plans; and
- Non-Medicare inflation: Initial rate of 7.25% decreasing 0.25% per year to a 4.50% long-term rate. Medicare: Initial rate of 5.50% decreasing 0.25% per year to a 4.50% long-term rate.
- ⁽¹⁾ Or based on an actuarial experience study performed in the last 5 years.

The information needed to satisfy PA 202 reporting requirements is provided in the appendix of this report.

PA 202 also requires an actuarial audit be performed every 8 years. GRS will work with the Board and Staff to ensure compliance.



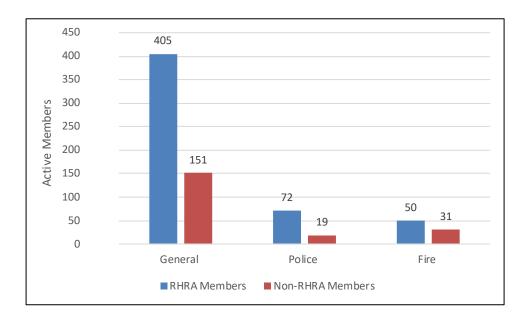
SECTION B

SUMMARY OF VALUATION DATA

Members Included in June 30, 2023 Valuation

		Group Totals				
			Average Age	Average Service		
Valuation Divisions	No.	Annual Payroll	(Years)	(Years)		
General Members	151	\$13,640,597	52.4	19.4		
General RHRA Members	405	28,776,542	42.4	4.6		
Police Members	19	2,595,163	48.5	22.5		
Police RHRA Members	72	7,342,428	35.6	6.2		
Fire Members	31	3,591,081	49.9	21.9		
Fire RHRA Members	50	3,864,883	34.0	4.7		
Total Active Members	728	\$59,810,694				

Active Members



Retired Members with Coverage⁽¹⁾

		Average Age	Number of
Valuation Divisions	No.	(Years)	Spouses Covered
General Members	722	70.9	326
Police Members	235	66.5	156
Fire Members	166	70.7	100
Total Retired Members	1,123		582

⁽¹⁾ Includes 153 retirees with life insurance coverage only.

There are no inactive vested members eligible for retiree health care.



Summary of Current Asset Information

Balance Sheet

Valuation Assets						
Cash, receivables, accruals						
and other short-term	\$	847,171				
Equity securities	14	14,886,370				
Debt securities	Z	17,250,413				
Infrastructure	1	L5,608,699				
Real Estate	2	29,419,259				
Other - Cash and Cash Equivalents	1	l2,170,817				
Accounts payable		(350,105)				
Funding value adjustment		1,421,764				
Total Current Assets	\$25	51,254,388				

Revenues and Expenditures (Market Value)

	2022-2023	2021-2022
Balance - July 1	\$226,358,005	\$244,344,934
Revenues		
Member contributions	0	0
Employer contributions	15,340,861	13,797,260
Recognized investment income	22,698,185	(18,590,756)
Total	38,039,046	(4,793,496)
Expenditures		
Benefit payments/Refunds	14,298,012	13,036,696
Administrative expenses	266,415	156,737
Total	14,564,427	13,193,433
Balance - June 30	\$249,832,624	\$226,358,005
Net investment income/mean assets	10.0%	-7.6%



SECTION C

RETIREE PREMIUM RATE DEVELOPMENT

Retiree Premium Rate Development

Background

We understand that currently, eligible City retirees (and eligible spouses) receive benefits from a number of health care plans, including medical coverage through the self-insured Blue Cross Blue Shield (BCBS) plans and prescription drug coverage through the self-insured Express Scripts plans.

Rate Development

For the self-insured medical plans, initial per capita costs were developed separately for pre-65 and post-65 retirees using medical and prescription drug claims experience from January 2020 to December 2022 from BCBS and Express Scripts in conjunction with exposure data for the active and retired members of the health care program. These medical and prescription drug claims were projected on a paid claim basis to the valuation date, adjusted for large claims, and loaded for administrative and stop-loss expenses.

The initial medical and drug premium rates used in the valuation are a weighted average cost of the 3-year experience period (1/2020 - 12/2022) to smooth out any large year-to-year fluctuations.

Most retiree plans are closed to future retirees. The plans that remain open include suffixes 0050, 0051, 0053, 0055, 0056, 0057, 0058, 0063, 0064, 0065, 0066, 0068, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, and 0082. Depending on age (pre-65 or post-65) and active group membership, future retirees will be placed into one of these suffixes. We have developed separate premium rates for these future retirees in order to reflect the benefit differences.

Age graded and sex distinct premiums are utilized by this valuation. The initial costs developed by the preceding process are appropriate for the unique age and sex distribution currently existing. Over the future years covered by this valuation, the age and sex distribution will most likely change. Therefore, our process "distributes" the average premium over all age/sex combinations and assigns a unique premium for each combination. The age/sex specific premiums more accurately reflect the health care costs in the retired population over the projection period.

The tables below show the resulting combined medical and prescription drug one-person monthly premiums at select ages. The premium (or per capita costs) rates shown below were used in this valuation of the Plan and reflect the use of age grading.

For Those Not Eligible for Medicare									
Current Retirees Future Retirees								ees	
Age	Male		Female			Male	1	Female	
45	\$	512.08	\$	706.74	\$	463.76	\$	640.04	
50		666.79		821.41		603.86		743.90	
55		877.41		958.01		794.62		867.60	
60		1,133.23		1,115.84		1,026.29		1,010.54	

For Those Eligible for Medicare								
Current Retirees Future Retirees								
Age		Male	1	Female		Male		emale
65	\$	706.49	\$	666.36	\$	611.29	\$	576.57
70		769.63		744.73		665.92		644.38
75		826.59		806.57		715.21		697.89



Retiree Premium Rate Development

Health Care Trend Assumption

The health care cost trend rate is the rate of change in per capita health care claims over time as a result of factors such as medical inflation, utilization of health care services, plan design, and technological improvements. It is a crucial economic assumption that is required for measuring retiree health care benefit obligations.

Retiree health care valuations use a health care cost trend assumption (trend vector) that changes over the years. The trend vector used in this valuation begins with a near-term trend assumption and declines over time to an ultimate trend rate. The near-term rates reflect the increases in the current cost of health care goods and services. The process of trending down to a lower ultimate trend relies on the theory that premium levels will moderate over the long-term, otherwise the healthcare sector would eventually consume the entire GDP. It is on this basis that projected premium rate increases continue to exceed wage inflation for the next fifteen years, but by less each year until leveling off at an ultimate rate, assumed to be 3.50% in this valuation, see the below for further details regarding the trend vector used in this valuation.

While experience is often the best starting point for future costs, GRS does not rely on a group's experience in setting the near-term trend assumptions since trends vary significantly from year to year and are not credible for most groups. Therefore, professional judgment, trends from GRS' book of business and industry benchmarks (e.g., trend reports from various Pharmacy Benefit Management (PBM) organizations and national healthcare benefit consulting firms) are used in conjunction with a group's historical experience to establish the trend assumptions.

Year Beginning	Medical and Prescription Drugs				
July 1,	Non-Medicare (Pre-65)	Medicare (Post-65)			
2024	7.25 %	6.50 %			
2025	7.00	6.25			
2026	6.75	6.00			
2027	6.50	5.75			
2028	6.25	5.75			
2029	6.00	5.50			
2030	5.75	5.25			
2031	5.50	5.00			
2032	5.00	4.75			
2033	4.75	4.50			
2034	4.50	4.25			
2035	4.25	4.25			
2036	4.00	4.00			
2037	3.75	3.75			
2038 & Later	3.50	3.50			



Retiree Premium Rate Development

Actuarial Disclosures

The premium rates used in this valuation were developed using proprietary Excel models which in James E. Pranschke's professional judgment provide initial projected costs which are consistent with the purposes of the valuation. We perform tests to ensure that the models, in their entirety, reasonably represent that which is intended to be modeled.

Aging factors used in the premium development models were developed based on information and data from a 2013 study commissioned by the Society of Actuaries entitled "Health Care Costs – From Birth to Death."

James E. Pranschke is a Member of the American Academy of Actuaries (MAAA) and meets the Qualification Standards of the American Academy of Actuaries to certify the per capita retiree health care rates shown above.

James E. Pranschke, FSA, FCA, MAAA



SECTION D

ACTUARIAL COST METHOD AND ACTUARIAL ASSUMPTIONS

Valuation Methods

Actuarial Cost Method – Normal cost and the allocation of benefit values between service rendered before and after the valuation date were determined using an Individual Entry-Age Actuarial Cost Method having the following characteristics:

- (i) The annual normal cost for each individual active member, payable from the date of employment to the date of retirement, is sufficient to accumulate the value of the member's benefit at the time of retirement; and
- (ii) Each annual normal cost is a constant percentage of the member's year by year projected covered pay.

Actuarial gains/(losses), as they occur, reduce (increase) the Unfunded Actuarial Accrued Liability.

Financing of Unfunded Actuarial Accrued Liabilities. Unfunded actuarial accrued liabilities (full funding credit if assets exceed liabilities) are amortized by level dollar contributions.

Actuarial Value of Assets. The Actuarial Value of Assets are developed using a 5-year smoothed asset valuation method.

The Plan is funded by Employer Contributions in accordance with the funding policy adopted by the Retirement Board, based on Actuarially Determined Contributions (ADC), which require contributions be sufficient to pay the Normal Costs of active plan members, Plan expenses, and amortize the Unfunded Actuarial Accrued Liability over a declining period. The current amortization period is 16 years as of the June 30, 2023 valuation decreasing by 2 years annually until the amortization period reaches 15 years. Once the Plan reaches a 15-year amortization period, layered amortization will be incorporated. Under a layered amortization approach, once the period reaches 15 years, the initial Unfunded Actuarial Accrued Liabilities (UAAL) would wind down until it is fully amortized. For each subsequent valuation, any new UAAL created by gains/losses, assumptions changes and/or plan changes for that valuation will be amortized over a new, closed 15-year period.

The retirement rates, rates of merit and seniority salary increase, rates of separation from active membership and disability rates used in this valuation are based on the five-year experience study for the period July 1, 2018 through June 30, 2023. All assumptions are expectations of future experience, not market measures.



Actuarial Assumptions Used for the Valuation

Investment Return (net of investment expenses):

Investment Return	6.70%
Wage Inflation	3.50%
Price Inflation	2.50%
Spread Between Investment Return and Wage Inflation	3.20%

The rates of salary increase used for individual members are in accordance with the following table. This assumption is used to project a member's current salary to the salaries upon which benefits will be based.

_	% Increase in Salary at Sample Ages							
Sample	Merit and Seniority		Base	In	crease Next Y	'ear		
Ages	General	Police	Fire	(Economic)	General	Police	Fire	
20	4.10%	7.61%	7.33%	3.50%	7.60%	11.11%	10.83%	
25	3.67%	6.70%	6.55%	3.50%	7.17%	10.20%	10.05%	
30	2.89%	4.81%	4.88%	3.50%	6.39%	8.31%	8.38%	
35	2.19%	3.41%	3.46%	3.50%	5.69%	6.91%	6.96%	
40	1.89%	2.74%	2.71%	3.50%	5.39%	6.24%	6.21%	
45	1.51%	2.42%	2.39%	3.50%	5.01%	5.92%	5.89%	
50	1.00%	2.21%	2.19%	3.50%	4.50%	5.71%	5.69%	
55	0.70%	2.07%	2.05%	3.50%	4.20%	5.57%	5.55%	
60	0.51%	1.83%	1.91%	3.50%	4.01%	5.33%	5.41%	

Rates of separation from active membership were as shown below (rates do not apply to members eligible to retire and do not include separation on account of death or disability). This assumption measures the probabilities of members remaining in employment.

		% of Active Members					
	_	Separating within Next Year					
Sample	Years of	Gei	General				
Ages	Service	Males	Females	Police	Fire		
	1	13.00%	16.00%	6.00%	4.50%		
	2	11.00%	13.00%	6.00%	4.00%		
	3	7.00%	11.00%	4.00%	3.60%		
	4	6.00%	8.00%	3.00%	3.60%		
	5	5.00%	6.00%	2.50%	3.60%		
25	6 & Over	3.20%	4.50%	2.40%	1.40%		
30		3.20%	4.50%	2.40%	1.10%		
35		3.25%	3.50%	1.75%	0.90%		
40		3.25%	3.50%	0.74%	1.00%		
45		3.25%	3.50%	0.48%	0.90%		
50		3.25%	3.50%	0.48%	0.50%		
55		3.25%	3.50%	0.48%	0.50%		
60		3.25%	3.50%	0.48%	0.50%		
65		3.25%	3.50%	0.48%	0.50%		



Actuarial Assumptions Used for the Valuation (Continued)

The mortality tables used are as follows:

General

- Healthy Pre-Retirement: Pub-2010 General Employee Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2021 projection scale from a base year of 2010.
- Healthy Post-Retirement: Pub-2010 General Healthy Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2021 projection scale from a base year of 2010.
- **Disability Retirement:** Pub-2010 Non-Safety Disabled Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2021 projection scale from a base year of 2010.

	Healthy Pre	Healthy Pre-Retirement		Healthy Post-Retirement		etirement
Sample	Futur	e Life	Futur	e Life	Future Life	
Attained	Expectanc	y (Years) ⁽¹⁾	Expectanc	y (Years) ⁽¹⁾	Expectanc	y (Years) ⁽¹⁾
Ages	Men	Women	Men	Women	Men	Women
55	34.13	36.20	30.63	33.48	22.79	25.64
60	29.23	31.17	25.91	28.61	19.62	22.31
65	24.47	26.24	21.42	23.88	16.69	19.04
70	19.82	21.41	17.16	19.34	13.88	15.67
75	15.28	16.69	13.23	15.09	11.12	12.37
80	10.86	12.14	9.75	11.27	8.53	9.43

⁽¹⁾ Based on attained ages in 2023. Future years will reflect improvements in life expectancy.

This assumption is used to measure the probabilities of members dying before retirement and the probabilities of each benefit payment being made after retirement.



Actuarial Assumptions Used for the Valuation (Continued)

Police and Fire

- Healthy Pre-Retirement: Pub-2010 Safety Employee Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2021 projection scale from a base year of 2010.
- Healthy Post-Retirement: Pub-2010 Safety Healthy Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2021 projection scale from a base year of 2010.
- **Disability Retirement:** Pub-2010 Safety Disabled Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2021 projection scale from a base year of 2010.

	Healthy Pre	Healthy Pre-Retirement		Healthy Post-Retirement		etirement
Sample	Futur	e Life	Future Life		Future Life	
Attained	Expectance	y (Years) ⁽¹⁾	Expectancy (Years) ⁽¹⁾		Expectancy (Years) ⁽¹⁾	
Ages	Men	Women	Men	Women	Men	Women
55	33.43	35.86	30.51	32.50	29.31	31.45
60	28.44	30.82	25.62	27.58	24.62	26.82
65	23.57	25.83	21.02	22.93	20.26	22.47
70	18.86	20.91	16.73	18.54	16.22	18.34
75	14.38	16.17	12.82	14.46	12.50	14.43
80	10.20	11.72	9.40	10.85	9.27	10.85

⁽¹⁾ Based on attained ages in 2023. Future years will reflect improvements in life expectancy.

This assumption is used to measure the probabilities of members dying before retirement and the probabilities of each benefit payment being made after retirement.



Actuarial Assumptions Used for the Valuation (Concluded)

The rates of retirement used to measure the probability of eligible members retiring during the next year were as follows:

Retirement	Gen	eral	Pol	ice	Fi	re	Retirement		
Ages	Normal	Early	Normal	Early	Normal	Early	Service	Police	Fire
50	25%	10%		10%		10%	25	50%	25%
51	25%	10%		10%		10%	26	50%	25%
52	25%	10%		10%		10%	27	50%	25%
53	25%	10%		10%		10%	28	50%	25%
54	25%	10%		10%		10%	29	50%	25%
55	25%	10%	50%		25%		30	50%	25%
56	25%	10%	50%		25%		31	50%	25%
57	25%	10%	50%		25%		32	50%	25%
58	25%	10%	50%		25%		33	50%	25%
59	25%	10%	50%		25%		34	50%	25%
60	25%		100%		100%		35	100%	100%
61	25%								
62	25%								
63	25%								
64	25%								
65	60%								
66	40%								
67	40%								
68	40%								
69	40%								
70	100%								

Rates of disability among active members.

	% B	ecoming Disab	led					
Sample	within Next Year							
Ages	General	Police	Fire					
20	0.04%	0.08%	0.02%					
25	0.04%	0.08%	0.02%					
30	0.04%	0.08%	0.02%					
35	0.04%	0.08%	0.02%					
40	0.07%	0.14%	0.03%					
45	0.16%	0.32%	0.08%					
50	0.28%	0.56%	0.14%					
55	0.43%	0.86%	0.22%					
60	0.57%	1.14%	0.29%					
65	0.66%	1.32%	0.33%					

For General members, 75% of the disabilities are assumed to be non-duty and 25% of the disabilities are assumed to be duty related. For Police/Fire members, 50% of the disabilities are assumed to be non-duty and 50% of the disabilities are assumed to be duty related.



Miscellaneous and Technical Assumptions

Data Assumptions:	 The membership data provided for the pension valuation was used as the basis for this valuation. If a two-person contract was indicated in the health data and no beneficiary information was provided in the pension data, the beneficiary information from the health data was used if it was available. If no beneficiary information was available in either data set, then male spouses were assumed to be three years older than female spouses. If a one-person contract was indicated in the health data and the primary record on the contract was the beneficiary of a member in the pension data, a two-person contract was valued. Members who were provided in the health data but not the pension data were included in the valuation. 					
Decrement Operation:	-	ice. Disability a		ot operate duri operate during	-	
Decrement Relativity:		ates are used c or multiple dec	-	he experience s effects.	study, without	
Decrement Timing:	Decrements	of all types are	assumed to c	occur mid-year.		
Eligibility Testing:		service neares		d upon the age on the date the		
Health Care Coverage at Retirement:			•	ion of future re ge, or opting-o	etirees electing ut of coverage	
		One Demon		on/Family	Orth Out	
		One-Person	Electing	Continuing	Opt-Out	
	Male Female	15% 15%	70% 70%	100% 100%	15% 15%	
Marriage Assumption:	purposes of o be three year		e benefits. Ma	assumed to be ale spouses are 5.		
Other Liability Adjustments:	None.					



SECTION E

SUMMARY OF BENEFIT PROVISIONS

Retiree Health Benefits Plan & Trust Summary of Benefits as of June 30, 2023

Regular Retirement:

Union	5-Year Vesting	10-Year Vesting	Eligibility
Non-Union	Hired before July 1, 2011	Hired after July 1, 2011	Age 50 with 25 years of service or Age 60 and vested
American Federation of State, County, and Municipal Employees, AFL CIO (AFSCME)	Hired before August 29, 2011	Hired after August 29, 2011	Age 50 with 25 years of service or Age 60 and vested
Ann Arbor Police Officers Association (AAPOA)	Hired before January 1, 2012	Hired after January 1, 2012	25 years of service or Age 55 and vested
International Association of Fire Fighters (IAFF)	Hired before July 1, 2012	Hired after July 1, 2012	25 years of service or Age 55 and vested
Teamsters Fire Assistant Chief	Hired before January 1, 2016	Hired after January 1, 2016	25 years of service or Age 55 and vested
Teamsters Civilian Supervisiors	Hired before July 2, 2012	Hired after July 2, 2012	Age 50 with 25 years of service or Age 60 and vested
Teamsters Police Professional Assistants	Hired before July 2, 2012	Hired after July 2, 2012	Age 50 with 25 years of service or Age 60 and vested
Teamsters Police Deputy Chiefs	Hired before July 2, 2012	Hired after July 2, 2012	25 years of service or Age 55 and vested
Police Service Specialists	Hired before July 1, 2013	Hired after July 1, 2013	Age 50 with 25 years of service or Age 60 and vested
Command Officers Association of Michigan (COAM)	Hired before July 1, 2013	Hired after July 1, 2013	25 years of service or Age 55 and vested



Retiree Health Benefits Plan & Trust Summary of Benefits as of June 30, 2023 (Continued)

Early Retirement:

Eligibility – *All Members:* Age 50 with 20 or more years of service.

Deferred Retirement (vested benefit):

Eligibility – Not eligible for retiree health care benefits.

Duty Disability Retirement:

Eligibility - No age or service requirement.

Non-Duty Disability Retirement:

Eligibility - Must be vested. Refer to table on page E-1.

Duty Death Before Retirement:

Eligibility - No age or service requirements.

Non-Duty Death Before Retirement:

Eligibility - Must be vested. Refer to table on page E-1.



Retiree Health Benefits Plan & Trust Summary of Benefits as of June 30, 2023 (Concluded)

Retiree Health Care Benefits:

Coverage - For members with a 5-year vesting period (refer to the table on page E-1), the City of Ann Arbor will provide retiree health care coverage equivalent to the level of health care coverage the member was receiving on the date of retirement to eligible retirees. Retirees electing the high option will be required to pay for a portion of their health care coverage.

All other members not eligible for City paid retiree health care coverage. These members earn the amounts below per year for each year of active service. The City funds their account upon retirement.

Employee Group	Effective Date <u>\$2,500 per Year</u>	Effective Date <u>\$3,500 per Year</u>	Effective Date <u>\$4,000 per Year</u>
AAPOA	1/1/2012	1/1/2017	
AFSCME	8/29/2011		
CSS/PSS	7/1/2013	1/1/2018	
DEPCHIEFS	7/2/2012	1/1/2019	
FIRE	7/1/2012	1/1/2017	1/1/2020
NON-UNION	7/1/2011	1/1/2018	
POLICEPRO/PPA	7/2/2012	1/1/2018	
TEAMSTERS	7/2/2012	1/1/2018	
COAM	7/1/2013	1/1/2018	
ASST FIRE CHIEF	7/1/2012	1/1/2019	

Life Insurance Benefits:

Coverage - \$10,000 lump sum death benefit for all retirees (except those collecting a deferred benefit) in receipt of a City pension.



SECTION F

PROJECTIONS

Projection Assumptions and Methods

For purposes of the funding projection, the following assumptions were used:

- 6.70% investment return on the Fair Value of Assets in all future years.
- 6.70% discount rate for determining liability.
- The Actuarial Value of Assets reflects the deferred gains and losses generated by the smoothing method. The current deferred amounts are recognized in the first four years of the projections.
- Actuarial assumptions and methods as described in Section D. All future demographic experience is assumed to be exactly realized.
- The actuarially determined contribution amount is determined as a level dollar amount and contributed each year.
- Projections assume a 0% increase in the total active member population. All new future members are expected to enter the plan upon date of hire, under applicable plan provisions.
- The projections are based on the combined impact of the Minimum Required Policy and the Funding Plan.



Projected Actuarial Results – Base Assumes 6.70% Returns in Future Years

													Actuarially	Estimated
	Year Ending	Employee	Employer	Total	Benefit	Ac	tuarial Value of	Act				funded Actuarial	Determined	Funding Plan
_	June 30,	Contributions	Contributions	Contributions	Payments		Assets		Liability	Funded Ratio	Α	ccrued Liability	Contribution	Contribution
		(a)	(b)	(c)=(a)+(b)	(d)		(e)		(f)	(g) = (e) / (f)		(h) = (f) - (e)	(i)	(j)
	2024	\$0	\$ 15,248,635	\$ 15,248,635	\$ 16,468,561	\$	267,144,271	\$	306,942,724	87.0%	\$	39,798,453	\$ 6,457,034	\$ 15,864,680
	2025	0	15,553,608	15,553,608	17,459,473		284,633,180		311,686,768	91.3%		27,053,588	5,050,582	16,181,974
	2026	0	15,864,680	15,864,680	18,491,101		295,300,356		315,556,503	93.6%		20,256,147	4,265,939	16,505,613
	2027	0	16,181,974	16,181,974	19,536,396		312,651,456		318,484,995	98.2%		5,833,539	2,464,621	16,835,725
	2028	0	16,505,613	16,505,613	20,578,921		329,023,611		320,420,879	102.7%		(8,602,732)	1,650,231	1,650,231
	2029	0	16,835,725	16,835,725	21,575,857		345,821,181		321,366,166	107.6%		(24,455,015)	1,585,415	1,585,415
	2030	0	1,650,231	1,650,231	22,470,834		347,152,751		321,379,606	108.0%		(25,773,145)	1,517,009	1,517,009
	2031	0	1,585,415	1,585,415	23,321,585		347,682,082		320,447,708	108.5%		(27,234,374)	1,464,660	1,464,660
	2032	0	1,517,009	1,517,009	24,001,766		347,458,996		318,679,708	109.0%		(28,779,288)	1,433,578	1,433,578
	2033	0	1,464,660	1,464,660	24,601,485		346,549,474		316,119,340	109.6%		(30,430,134)	1,416,862	1,416,862
	2034	0	1,433,578	1,433,578	25,057,032		345,077,478		312,884,496	110.3%		(32,192,982)	1,411,905	1,411,905
	2035	0	1,416,862	1,416,862	25,325,613		343,212,533		309,138,063	111.0%		(34,074,470)	1,419,164	1,419,164
	2036	0	1,411,905	1,411,905	25,509,670		341,027,249		304,945,273	111.8%		(36,081,976)	1,438,227	1,438,227
	2037	0	1,419,164	1,419,164	25,487,380		338,726,177		300,502,104	112.7%		(38,224,073)	1,466,088	1,466,088
	2038	0	1,438,227	1,438,227	25,378,207		336,403,504		295,893,776	113.7%		(40,509,728)	1,500,868	1,500,868
	2039	0	1,466,088	1,466,088	25,177,067		334,161,894		291,213,362	114.7%		(42,948,532)	1,540,426	1,540,426
	2040	0	1,500,868	1,500,868	24,862,341		332,131,316		286,580,574	115.9%		(45,550,742)	1,584,846	1,584,846
	2041	0	1,540,426	1,540,426	24,405,564		330,477,652		282,150,352	117.1%		(48,327,300)	1,633,434	1,633,434
	2042	0	1,584,846	1,584,846	23,983,026		329,195,794		277,905,906	118.5%		(51,289,888)	1,685,566	1,685,566
	2043	0	1,633,434	1,633,434	23,566,384		328,308,867		273,857,898	119.9%		(54,450,969)	1,741,469	1,741,469

Section 1.3 of the City of Ann Arbor Other Postemployment Benefits (OPEB) Funding Policy states:

"The City of Ann Arbor will strive to achieve 100% funding of the City of Ann Arbor Retiree Health Care Benefits Plan. To the extent that 100% funding has been achieved, the City will continue to fund, at a minimum, the Normal Cost as defined by the outside actuary. To the extent that a fully funded plan has not been achieved, the City shall budget each fiscal year the higher of the ARC or the existing level of funding in the current budget year adjusted annually for the change in the General Fund budgeted revenues. In some years this may result in an excess contribution to the Voluntary Employee Benefits Trust (VEBA) Fund, which will serve to both pay down the unfunded actuarial accrued liability and reduce future city cost increases."

For purposes of the projection, the increase in General Fund revenues is assumed to be 2% per year. Based on the City's funding policy and given that all actuarial assumptions are exactly realized, after reaching full-funding status all future actuarially determined contributions are projected to equal the normal cost contribution.



APPENDIX

State Reporting Assumptions as of June 30, 2023

The Protecting Local Government Retirement and Benefits Act, Public Act 202 of 2017 (PA 202), was put into law effective December 20, 2017. One outcome of the law is the requirement for the local unit of government to provide select reporting disclosures to the State. Section 5(1) of the Act provides the State treasurer with the authority to annually establish uniform actuarial assumptions for purposes of developing the requisite disclosures. Below you will find information which may be used to assist the local unit of government with required reporting.

Uniform Assumptions, as applicable to the measurement and the required disclosures under uniform assumptions are denoted below. Additional discussion of PA 202 and uniform assumptions may be found on the State website in the uniform assumption memo dated April 4, 2023.

Uniform Assumption	PA 202	Valuation Assumption Used	Uniform Assumption Used		
Investment Rate of Return Discount Rate ⁽¹⁾	Maximum of 6.85%	6.70%	6.70%		
Salary Increase	Minimum of 3.25% or based on experience study within last 5 years	3.50% + Merit and longevity (based on experience study dated May 11, 2023)	3.50% + Merit and longevity (based on experience study dated May 11, 2023)		
Mortality	Version of Pub-2010 tables with Generational mortality improvement using scale MP-2021 or based on experience study within last 5 years	A version of Pub-2010 tables with Generational mortality improvement using scale MP-2021 (based on an experience study dated May 11, 2023)	A version of Pub-2010 tables with Generational mortality improvement using scale MP-2021 (based on an experience study dated May 11, 2023)		
Healthcare Inflation (for Medical and Drug)	Non-Medicare: Initial rate of 7.25% decreasing 0.25% per year to a 4.50% long-term rate Medicare: Initial rate of 5.50% decreasing 0.25% per year to a 4.50% long-term rate	Non-Medicare: Initial rate of 7.25% decreasing to a 3.50% long-term rate in year 15 Medicare: Initial rate of 6.50% decreasing to a 3.50% long-term rate in year 15	Non-Medicare: Initial rate of 7.25% decreasing 0.25% per year to a 4.50% long-term rate Medicare: Initial rate of 5.50% decreasing 0.25% per year to a 4.50% long-term rate		
Amortization of the Unfunded Accrued Actuarial Liability: Period	Maximum Period of 27 Years	16 years	16 years		
Method	Closed Plans: Level Dollar Open Plans: Level Dollar or Level Percent of Payroll	Level Dollar	Level Dollar		
Туре	Closed	Closed	Closed		

(1) A blended rate calculated using GASB Statement No. 75 methodology. For periods in which projected plan assets are sufficient to make projected benefit payments – maximum of 6.85%; for periods in which projected plan assets are NOT sufficient to make projected benefit payments – 3.54%.



State Reporting as of June 30, 2023

The following information has been prepared to provide some of the information necessary to complete the OPEB reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form 5572). The local unit of government is required to complete/develop all of the remaining reporting requirements necessary for Form 5572. Additional resources are available on the State website.

Line	Descriptive Information		
19	Actuarial Assumptions ⁽¹⁾		
20	Assumed Rate of Investment Return	6.70%	
21	Enter discount rate	6.70%	
22	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Level Dollar	
23	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	16	
24	Is each division within the system closed to new employees?	No	
25	Health care inflation assumption for the next year	7.50%	
26	Health care inflation assumption - Long-Term Trend Rate	3.50%	
27	Uniform Assumptions ⁽²⁾		
28	Enter retirement health care system's actuarial value of assets using uniform assumptions	\$ 251,254,388	
29	Enter retirement health care system's actuarial accrued liabilities using uniform assumptions	\$ 298,729,052	
30	Funded ratio using uniform assumptions	84.1%	
31	Actuarially Determined Contribution (ADC) using uniform assumptions	\$ 6,595,239	
32	All systems combined ADC/Governmental fund revenues	Auto ⁽³⁾	

⁽¹⁾ Information on lines 28-32 is based on assumptions listed on the prior page.

- ⁽²⁾ As of the June 30, 2023 actuarial valuation date.
- ⁽³⁾ Automatically calculated by State of Michigan Form 5572.



Glossary

Accrued Service. The service credited under the plan which was rendered before the date of the actuarial valuation.

Actuarial Accrued Liability. The difference between (i) the actuarial present value of future plan benefits, and (ii) the actuarial present value of future normal cost. Sometimes referred to as "accrued liability" or "past service liability."

Actuarial Assumptions. Estimates of future plan experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and salary increases. Decrement assumptions (rates of mortality, disability, turnover and retirement) are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (salary increases and investment income) consist of an underlying rate in an inflation-free environment plus a provision for a long-term average rate of inflation.

Actuarial Cost Method. A mathematical budgeting procedure for allocating the dollar amount of the "actuarial present value of future plan benefits" between the actuarial present value of future normal cost and the actuarial accrued liability. Sometimes referred to as the "actuarial funding method."

Actuarial Equivalent. A single amount or series of amounts of equal value to another single amount or series of amounts, computed on the basis of the rate(s) of interest and mortality tables used by the plan.

Actuarial Present Value. The amount of funds presently required to provide a payment or series of payments in the future. It is determined by discounting the future payments at a predetermined rate of interest, taking into account the probability of payment.

Actuarially Determined Contribution. The Actuarially Determined Contribution is the normal cost plus the portion of the unfunded actuarial accrued liability to be amortized in the current period. The Actuarially Determined Contribution is an amount that is actuarially determined in accordance with the requirements so that, if paid on an ongoing basis, it would be expected to provide sufficient resources to fund both the normal cost for each year and the amortized unfunded liability.

Amortization. Paying off an interest-bearing liability by means of periodic payments of interest and principal, as opposed to paying it off with a lump sum payment.

Governmental Accounting Standards Board (GASB). GASB is the private, nonpartisan, nonprofit organization that works to create and improve the rules U.S. state and local governments follow when accounting for their finances and reporting them to the public.

Implicit Rate Subsidy. It is common practice for employers to allow retirees to continue in the employer's group health insurance plan (which also covers active employees), often charging the retiree some portion of the premium charged for active employees. Under the theory that retirees have higher utilization of services, the difference between the true cost of providing retiree coverage and what the retiree is being charged is known as the implicit rate subsidy.



Glossary

Medical Trend Rate (Health Care Inflation). The increase in the cost of providing health care benefits over time. Trend includes such elements as pure price inflation, changes in utilization, advances in medical technology, and cost shifting.

Normal Cost. The annual cost assigned, under the actuarial funding method, to current and subsequent plan years. Sometimes referred to as "current service cost." Any payment toward the unfunded actuarial accrued liability is not part of the normal cost.

Other Postemployment Benefits (OPEB). OPEB are postemployment benefits other than pensions. OPEB generally takes the form of health insurance, dental, vision, prescription drugs, life insurance or other health care benefits.

Reserve Account. An account used to indicate that funds have been set aside for a specific purpose and are not generally available for other uses.

Unfunded Actuarial Accrued Liability. The difference between the actuarial accrued liability and valuation assets. Sometimes referred to as "unfunded actuarial accrued liability."

Valuation Assets. The value of current plan assets recognized for valuation purposes.

