



Cambridge Redevelopment Authority

GASB 75 Results

May 15, 2024



FOUNDED IN 1998

Actuaries & Management
Consultants

Providing actuarial consulting
& valuation services to over
500 municipal entities

Offices in Connecticut &
Nevada - with clients in 37
states, Europe, South America
& Australia



About Us

GASB 75 Results

Measurement Date	12/31/2023	12/31/2022
Reporting Date	12/31/2023	12/31/2022
Total OPEB Liability (TOL): The value of the benefits that have been earned by active and retired employees	745,708	799,433
Fiduciary Net Position: (i.e. assets)	468,940	53,957
Net OPEB Liability (NOL): The TOL minus the assets	276,768	745,476

GASB 75 Results

	FY 2023	FY 2022
Service Cost: The value of the benefits that eligible employees accrue each year	33,639	39,270
Financial Statement Expense	21,752	31,959
Employer Share of Cost: The employer's portion of the premiums each year including implicit cost	52,446	51,292
Trust Contributions	400,000	7,000
Net OPEB Expense: The expense (on an accrual basis) that is recognized annually on the financial statement	(430,694)	(26,333)
Discount Rate	5.51%	4.84%

GASB 75 Results

Positive Drivers of Plan Experience

- Discount Rates Increased
 - Decreasing liabilities by \$57k
- Premiums increased less than expected
 - Decreasing liability by \$22k

Negative Drivers of Plan Experience

- Trend Rates were updated to include the Getzen Model
 - Increasing liabilities by \$14k

Actuarial Assumptions

DISCOUNT RATE

The interest rate used to calculate the present value of future cash flows. Currently, 5.51% (previously 4.84%).

TERMINATION RATES

Probability of leaving employment each year prior to retirement.

RETIREMENT RATES

Percentage of retirement eligible employees who retire each year.

ELECTION PERCENTAGE

Percentage of eligible employees who elect to receive benefits in retirement.

HEALTHCARE COST INFLATION

The rate at which healthcare costs are expected to increase. Currently, 6.50% per year (evaluated annually according to the Getzen Model of Long-Run Medical Cost Trends).



Medical Plan Offerings

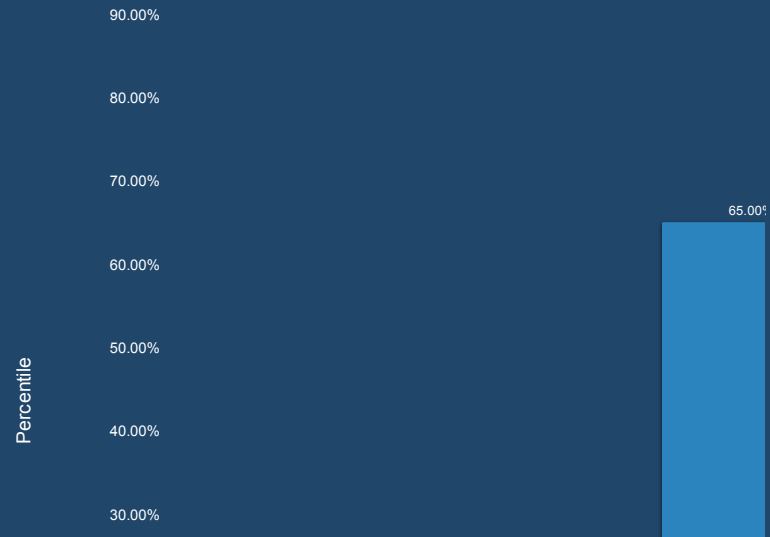
Comprehensive Medical, Dental and \$5,000 of Life Insurance

Average Active Single Plan:
\$855

Average Medicare Supplement Plan:
\$424

TOWN & CITY FUNDING RATIOS

As of 12/31/2023



FUNDING COMPARISON TO OTHER ODYSSEY CLIENTS

COMPARISON TO YOUR PEERS

	Number of Eligible Actives	Discount Rate	Total Annual Service Cost (annual benefit accrual)	Per Eligible Active Plan Participant	Net OPEB Liability	Funded Ratio	Benefit Payments	Per Covered Retiree
Cambridge Redevelopment Authority	11	5.51%	33,639	3,058	276,768	62.89%	52,446	6,556
Tyngsborough Water District	5	4.09%	16,479	3,296	436,281	0.00%	22,629	5,657
South Hadley Fire District #1	33	6.06%	151,976	4,605	4,820,991	26.38%	271,297	4,760
Braintree Electric Lighting Department	75	6.97%	260,537	3,474	1,288,106	88.32%	611,597	6,872
Greater Attleboro Taunton Regional Transit Authority	32	4.09%	213,776	6,681	6,507,504	0.00%	115,025	16,432
Massachusetts Average (Odyssey Clients only)	190	4.30%	746,900	3,932	25,688,963	9.81%	914,590	6,212

SERVICE COST PER ACTIVE EMPLOYEE

Cambridge Redevelopment Authority Service Cost per Capita as of January 1, 2023

	Authority Employees	Total
I. Service Cost	33,639	33,639
II. Eligible Actives	11	11
III. Service Cost per Eligible Active [I. / II.]	3,058	3,058

Projected Cash Flows

Total Medical, Dental & Life Insurance - Funding - 5.51% discount rate									
Measurement Date	I. Total OPEB Liability ("TOL")	II. Fiduciary Net Position	III. Net OPEB Liability ("NOL") [I. - II.]	IV. Funded Ratio [II. / I.]	V. Employer Share of Premiums / Claims	VI. Excess Employer Payments (beyond claims)	VII. Total Employer Contribution [V. + VI.]	VIII. Present Value of TOL using 3.0% Interest Rate	IX. Present Value of Employer Share of Premiums / Claims using 3.0% Interest Rate
December 31, 2023	745,708	468,940	276,768	62.89%	52,446	400,000	452,446	745,708	52,446
December 31, 2024	787,467	505,181	282,286	64.15%	39,056	7,000	46,056	764,531	37,918
December 31, 2025	838,068	543,665	294,403	64.87%	42,666	7,000	49,666	742,263	40,217
December 31, 2026	884,351	584,531	299,820	66.10%	47,710	7,000	54,710	766,951	43,661
December 31, 2027	941,792	627,927	313,865	66.67%	48,599	7,000	55,599	785,734	43,180
December 31, 2032	1,310,837	888,684	422,153	67.80%	57,614	7,000	64,614	939,683	44,156
December 31, 2037	1,839,467	1,240,775	598,692	67.45%	56,884	7,000	63,884	1,133,625	37,607
December 31, 2042	2,582,346	1,716,189	866,157	66.46%	66,323	7,000	73,323	1,377,278	37,823
December 31, 2047	3,538,580	2,358,122	1,180,458	66.64%	94,698	7,000	101,698	1,639,611	46,585
December 31, 2052	4,674,319	3,224,900	1,449,419	68.99%	140,342	7,000	147,342	1,878,910	59,554
December 31, 2057	6,060,575	4,395,278	1,665,297	72.52%	202,516	7,000	209,516	2,109,849	74,130
December 31, 2062	7,737,666	5,975,595	1,762,071	77.23%	270,823	7,000	277,823	2,328,761	85,513



Questions?



11 Hayward Ave. BLDG 4
Colchester, CT 06415

(860) 537-9080
hello@odysseyadvisors.com
www.odysseyadvisors.com