

**City of Marysville**  
**Post-Retirement Health Insurance Benefits**  
**Supplemental Actuarial Valuation as of June 30, 2020**  
**Based on Uniform Assumptions**  
**For Reporting Purposes Pursuant to P.A. 202**

November 20, 2020

Mr. Michael Booth  
City of Marysville  
1111 Delaware Ave.  
Marysville, MI 48040

Re: City of Marysville Post-Retirement Health Insurance Benefits

This document contains actuarial information required for Plan reporting purposes pursuant to Public Act 202 of 2017, effective for the fiscal year ended December 30, 2020.

Respectfully submitted,



Denise M. Jones  
Senior Consultant



Sandra W. Rodwan  
Member, American Academy of Actuaries

City of Marysville Post-Retirement Health Insurance Benefits  
PA 202 Actuarial Valuation  
As of June 30, 2020

Michigan Public Act 202 of 2017 requires municipal retirement systems in the state to submit information concerning their actuarial accrued liabilities and funded status based on Uniform Assumptions. This information is to be furnished by the municipality on Form 5572.

The information in this report concerning the City of Marysville Post-Retirement Health Insurance Benefits as of June 30, 2020 is based on the following assumptions, in compliance with the Uniform Assumptions pursuant to PA 202.

**Uniform Assumptions Used**

Investment Rate of Return	7.00%
Discount Rate	Blended Rate of 7.00% based on 7.00% for periods in which projected plan assets are sufficient to make Projected Benefit Payments and 3.5% for periods when projected assets are not sufficient to make projected benefit payments
Healthcare Inflation (for Medical and Drug)	Non-Medicare: Initial rate of 8.25% decreasing 0.25% per year to a 4.50% long-term rate. Medicare: Initial rate of 6.50% decreasing 0.25% to a 4.50% long-term rate.
Salary Increase	3.5%
Mortality Table	Pub 2010 General and PS Mortality tables w/ MP 2018
Amortization Period for Unfunded Actuarial Accrued Liability	29 years
Amortization Method	Level Percent of Payroll

City of Marysville Post-Retirement Health Insurance Benefits  
PA 202 Actuarial Valuation  
As of June 30, 2020

We have performed an actuarial valuation based on the Uniform Assumptions outlined on page 1 together with the assumptions concerning rates of withdrawal, retirement and disability used for the actuarial valuation of Post-Retirement Health Insurance Benefits as of June 30, 2020. The valuation was based on the same data used for the actuarial valuation of the Post-Retirement Health Insurance Benefits as of June 30, 2020.

The results of the valuation based on the Uniform Assumptions to be used for PA 202 reporting on Form 5572 are as follows:

	PA 202 Information	Form 5572 Line
Actuarial Value of Assets	\$13,808,876	28
Actuarial accrued liabilities	\$26,654,724	29
Funded ratio	51.81%	30
Actuarially determined contribution	\$1,358,890	31