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**Bulletin 16 of 2023
Inflation Rate Multiplier
October 23, 2023**

TO: Assessors and Equalization Directors

FROM: Michigan State Tax Commission

SUBJECT: Inflation Rate Multiplier for use in the 2024 capped value formula and the "Headlee" Millage Reduction Fraction (MRF) formula

The calculation of the Inflation Rate Multiplier is set in statute in MCL 211.34d:

(l) "Inflation rate" means the ratio of the general price level for the state fiscal year ending in the calendar year immediately preceding the current year divided by the general price level for the state fiscal year ending in the calendar year before the year immediately preceding the current year.

(f) "General price level" means the annual average of the 12 monthly values for the United States consumer price index for all urban consumers as defined and officially reported by the United States Department of Labor, Bureau of Labor Statistics.

Calculation of 2024 Inflation Rate Multiplier

Based on the statutory requirements in MCL 211.34d, the calculation of the inflation rate multiplier for 2024 is as follows:

1. The 12 monthly values for October 2021 through September 2022 are averaged.
2. The 12 monthly values for October 2022 through September 2023 are averaged.
3. The ratio is calculated by dividing the average of column 2 by the average of column 1.

The specific numbers from the US Department of Labor, Bureau of Labor Statistics are as follows:

CPI data used to calculate Inflation Rate Ratio for 2024 property taxes

	<u>FY 2021-2022</u>		<u>FY 2022-2023</u>
Oct 2021	276.589	Oct 2022	298.012
Nov 2021	277.948	Nov 2022	297.711
Dec 2021	278.802	Dec 2022	296.797
Jan 2022	281.148	Jan 2023	299.170
Feb 2022	283.716	Feb 2023	300.840
Mar 2022	287.504	Mar 2023	301.836
Apr 2022	289.109	Apr 2023	303.363
May 2022	292.296	May 2023	304.127
Jun 2022	296.311	Jun 2023	305.109
Jul 2022	296.276	Jul 2023	305.691
Aug 2022	296.171	Aug 2023	307.026
Sep 2022	<u>296.808</u>	Sep 2023	<u>307.789</u>
Average	287.723	Average	302.289

Ratio	1.051
% Change	5.1%

Important: Local units **cannot** develop or adopt or use an inflation rate multiplier other than 1.05 in 2024. It is not acceptable for local units or assessors to indicate to taxpayers that they do not know how the multiplier is developed.

Inflation Rate Multiplier (IRM) Used in the 2024 Capped Value Formula

The inflation rate, expressed as a multiplier, to be used in the 2024 Capped Value Formula is 1.05.

$$\text{2024 CAPPED VALUE} = (\text{2023 Taxable Value} - \text{LOSSES}) \times 1.05 + \text{ADDITIONS}$$

- The formula above includes 1.05 because the inflation rate multiplier of 1.051 is higher than 1.05.

Inflation Rate Multiplier Used in 2024 “Headlee” Calculations

The inflation rate multiplier of 1.051 must be used in the calculation of the 2024 “Headlee” Millage Reduction Fraction required by Michigan Compiled Law (MCL) 211.34d.

The formula for calculating the 2024 “Headlee” Millage Reduction Fraction (MRF) is:

$$\text{2024 MRF} = \frac{(\text{2023 Taxable Value} - \text{LOSSES}) \times 1.051}{\text{2024 Taxable Value} - \text{ADDITIONS}}$$

Historical Inflation Rate Multipliers

The following is a listing of the inflation rate multipliers used in the Capped Value and "Headlee" calculations since the start of Proposal A.

Year	IRM
1995	1.026
1996	1.028
1997	1.028
1998	1.027
1999	1.016
2000	1.019
2001	1.032
2002	1.032
2003	1.015
2004	1.023
2005	1.023
2006	1.033
2007	1.037
2008	1.023
2009	1.044

Year	IRM
2010	0.997
2011	1.017
2012	1.027
2013	1.024
2014	1.016
2015	1.016
2016	1.003
2017	1.009
2018	1.021
2019	1.024
2020	1.019
2021	1.014
2022	1.033
2023	1.05 (Capped Value) 1.079 (Headlee)
2024	1.05 (Capped Value) 1.051 (Headlee)