



Dan Bucks
Director

Montana Department of Revenue



Brian Schweitzer
Governor

TO: Kay Gray, Department of Administration
 FROM: Eric Dale, Tax Policy and Research
 DATE: April 14, 2014
 RE: Inflation Factor for Mill Levy Calculation in 15-10-420, MCA for FY 2015

The inflation factor for FY 2015 is 1.03%.

Per 15-10-420, MCA, "a governmental entity that is authorized to impose mills may impose a mill levy sufficient to generate the amount of property taxes actually assessed in the prior year plus one-half of the average rate of inflation for the prior 3 years."

Additionally, the Department of Revenue shall, "calculate one-half of the average rate of inflation for the prior 3 years by using the consumer price index (CPI), U.S. city average, all urban consumers, using the 1982-84 base of 100, as published by the bureau of labor statistics of the United States department of labor."

One-half the average rate of (compounding) inflation was determined by taking the cubed root of the CPI for December 2013 (233.049) divided by the CPI for December 2010 (219.179), subtracting one, and multiplying the result by 50%.

$$\text{Inflation} = \left(\sqrt[3]{\frac{CPI_{2013}}{CPI_{2010}}} - 1 \right) (50\%) = \left(\sqrt[3]{\frac{233.049}{219.179}} - 1 \right) (50\%) = 1.03\%$$

If you have any other questions, please feel free to contact me by way of email at edale@mt.gov or by phone at 406-444-7925.

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