



# Calculating Class III Price: Details



*Monthly commodity prices are announced on or before the 5th day of the following month.  
Class prices are announced as dollars per hundredweight. CWT= hundredweight, 100 pounds.*

## Formula Details

**1**    **\$0.1991** = Manufacturing cost to produce 1 pound of dry whey, excluding cost of raw milk (\$/lb).  
**1.03** = Factor representing pounds of dry whey that can be made from 1 pound of other solids (lb dry whey/lb other solids).

**2**    **\$0.1715** = Manufacturing cost to produce 1 pound of butter, excluding cost of raw milk (\$/lb).  
**1.211** = Factor representing pounds of butter that can be made from 1 pound of butterfat (lb butter/lb butterfat).

**3**    **1.17** = Assuming standard cwt of milk components (3.5 lb butterfat and 2.99 lb protein), 1.17 pounds of butterfat are associated with 1 pound of protein.

**\$0.2003** = Manufacturing cost to produce 1 pound of cheese, excluding cost of raw milk (\$/lb).

**1.383** = Factor representing pounds of cheese that can be made from 1 pound of protein (lb cheese/lb protein).

**1.572** = Factor representing pounds of cheese that can be made from 1 pound of butterfat (lb cheese/lb butterfat).

**0.9** = Factor accounting for the butterfat retained in the cheese manufacturing process (90 lb butterfat in cheese/cwt of butterfat used). Accounts for the fat lost in the whey stream.

**4**    **3.1** = Pounds of protein in 100 pounds of skim milk (lb protein/cwt skim).

**5.9** = Pounds of other solids in 100 pounds of skim milk (lb other solids/cwt skim).

**5**    **0.965** = 96.5 pounds of skim in 100 pounds of milk (cwt skim/cwt milk).

**3.5** = Pounds of other solids in 100 pounds of skim milk (lb butterfat/cwt milk).

*For more information on the Price Formulas, visit*

**[www.ams.usda.gov/resources/price-formulas](http://www.ams.usda.gov/resources/price-formulas)**

*For more information on Advanced Prices & Pricing Factors and Class & Component Prices, visit* **[www.ams.usda.gov/rules-regulations/mmr/dmr](http://www.ams.usda.gov/rules-regulations/mmr/dmr)**

*Agricultural Marketing Service, October 2019.*

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