



United States  
Department of  
Agriculture

# Marketing Order Statistics

## Price Formulas 2019

United States Department of Agriculture

Agricultural Marketing Service

Dairy Program

Market Information Branch

MOSPF-2019

May 21, 2019

Announced milk prices are per 100 pounds (or cwt), rounded to the nearest cent. Component prices are per pound, rounded to nearest one-hundredth cent. Product prices and pricing factors are per pound, rounded to the nearest one-hundredth cent.

For advanced cheese, dry whey, butter, and nonfat dry milk prices, the prices are two-week weighted averages of the weekly National Dairy Products Sales Report (NDPSR) prices, rounded to the nearest one-hundredth cent.

For cheese, dry whey, butter, and nonfat dry milk prices, the prices are four- or five-week weighted averages of NDPSR prices, rounded to the nearest one-hundredth cent.

### Class I:

- Base Class I Price = (Base Skim Milk Price for Class I x 0.965) + (Advanced Butterfat Pricing Factor x 3.5)
- Base Skim Milk Price for Class I = ((Advanced Class III Skim Milk Pricing Factor + Advanced Class IV Skim Milk Pricing Factor) / 2) + \$0.74
- Advanced Class III Skim Milk Pricing Factor = (Advanced Protein Price x 3.1) + (Advanced Other Solids Price x 5.9)
  - Advanced Protein Price = ((Advanced Cheese Price - 0.2003) x 1.383) + (((Advanced Cheese Price - 0.2003) x 1.572) - Advanced Butterfat Pricing Factor x 0.9) x 1.17
  - Advanced Other Solids Price = (Advanced Dry Whey Price - 0.1991) x 1.03
- Advanced Class IV Skim Milk Pricing Factor = Advanced Nonfat Solids Price x 9
  - Advanced Nonfat Solids Price = (Advanced Nonfat Dry Milk Price - 0.1678) x 0.99
- Advanced Butterfat Pricing Factor = (Advanced Butter Price - 0.1715) x 1.211
- Class II Skim Milk Price = Advanced Class IV Skim Milk Pricing Factor + 0.70
- Class II Nonfat Solids Price = Class II Skim Milk Price / 9

### Class II:

- Class II Price = (Class II Skim Milk Price x 0.965) + (Class II Butterfat Price x 3.5)
  - Class II Skim Milk Price = Advanced Class IV Skim Milk Pricing Factor + 0.70
  - Class II Butterfat Price = Butterfat Price + 0.007
    - Butterfat Price = (Butter Price - 0.1715) x 1.211

**Class III:**

- Class III Price = (Class III Skim Milk Price x 0.965) + (Butterfat Price x 3.5)
  - Class III Skim Milk Price = (Protein Price x 3.1) + (Other Solids Price x 5.9)
    - Protein Price = ((Cheese Price-0.2003) x 1.383) +  
 $\left(\left(\left(\left(\text{Cheese Price}-0.2003\right) \times 1.572\right) - \text{Butterfat Price} \times 0.9\right) \times 1.17\right)$
    - Other Solids Price = (Dry Whey Price – 0.1991) x 1.03

**Class IV:**

- Class IV Price = (Class IV Skim Milk Price x 0.965) + (Butterfat Price x 3.5)
  - Class IV Skim Milk Price = Nonfat Solids Price x 9
    - Nonfat Solids Price = (Nonfat Dry Milk Price – 0.1678) x 0.99

**Somatic Cell Adjustment Rate** = Cheese price x 0.0005, rounded to fifth decimal place (per 1,000 somatic cell count).

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## Information Contacts

Listed below are the specialists in the Agricultural Marketing Service, Dairy Program, Market Information Branch to contact for additional information. E-mail inquiries may be sent to [dpp@ams.usda.gov](mailto:dpp@ams.usda.gov).

Lorie Warren Cashman  
Chief, Market Information  
(202) 720-4405

### Dairy Products Mandatory Reporting Program

Patsy Emmons  
Dairy Products Marketing Specialist, Coordinator  
(202) 720-6491

Jessica Newsome  
Dairy Products Marketing Specialist  
(202) 260-9091

Kerry Siekmann  
Dairy Products Marketing Specialist  
(952) 277-2363

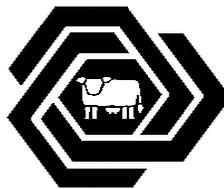
### Federal Milk Order Information Program

Kerry Siekmann  
Dairy Products Marketing Specialist, Coordinator  
(952) 277-2363

Randal Stoker  
Dairy Products Marketing Specialist  
(202) 690-1932

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