



# Marketing Order Statistics Price Formulas 2011

United States Department of Agriculture

Agricultural Marketing Service

Dairy Programs

Market Information Branch

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**Note: Milk prices are per 100 pounds or cwt., rounded to the nearest cent. Component prices are per pound, rounded to nearest one-hundredth cent. Cheese, dry whey, butter, and nonfat dry milk prices are weighted monthly averages of weekly NASS survey prices, rounded to the nearest one-hundredth cent.**

**Class I:**

Class I price = (Class I skim milk price x 0.965) + (Class I butterfat price x 3.5).

Class I Skim Milk Price = Higher of advanced Class III or IV skim milk pricing factors + applicable Class I differential.

Class I Butterfat Price = Advanced butterfat pricing factor + (applicable Class I differential divided by 100).

Note: Advanced pricing factors are computed using applicable price formulas listed below, except that product price averages are for two weeks.

**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.

Class II Nonfat Solids Price = Class II skim milk price divided by 9.

**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) + (((Cheese price - 0.2003) x 1.572) - Butterfat price x 0.9) x 1.17).

Other Solids Price = (Dry whey price - 0.1991) times 1.03.

Butterfat Price = (Butter price - 0.1715) times 1.211.

**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) times 0.99.

Butterfat Price = See Class III.

**Somatic Cell Adjustment Rate** = Cheese price x 0.0005, rounded to fifth decimal place. Rate is per 1,000 somatic cell count difference from 350,000.

**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, Chief, Market Information..... (202) 720-4405

**Dairy Products Mandatory Reporting Program**

Patsy Emmons, Dairy Products Marketing Specialist, Coordinator..... (202) 720-6491  
Kerry Siekmann, Dairy Products Marketing Specialist ..... (952) 277-2363  
Jessica Crum, Dairy Products Marketing Specialist ..... (202) 260-9091

**Federal Milk Order Information Program**

Kerry Siekmann, Dairy Products Marketing Specialist, Coordinator ..... (952) 277-2363  
Randal Stoker, Dairy Products Marketing Specialist ..... (202) 690-1932  
Daniel Manzoni, Dairy Products Marketing Specialist..... (202) 720-2352

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