



United States
Department of Agriculture
Agricultural Marketing Service
Dairy Program

CALIFORNIA MARKETING AREA FEDERAL MILK ORDER NO. 51

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ESTIMATED Federal Order Minimum Value for Selected California Products/Containers

Value reflects Federal order minimum cost of raw skim and butterfat in milk products at the base zone of the order (Los Angeles County, \$2.10) and effect of Processor Assessment (See Note 1) and certain other assumptions. Not included in these costs are the expenses of standardization, pasteurization, processing, packaging, labor, delivery, etc.

Type of Milk		Container Size Price					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
Whole 3.50%	March 2024	\$1.8166	\$0.9083	\$0.4542	\$0.2271	\$0.1514	\$0.1135
	April 2024	\$1.8498	\$0.9249	\$0.4625	\$0.2312	\$0.1542	\$0.1156
	May 2024	\$1.7877	\$0.8939	\$0.4469	\$0.2235	\$0.1490	\$0.1117
	June 2024	\$1.9268	\$0.9634	\$0.4817	\$0.2409	\$0.1606	\$0.1204
Reduced Fat 2.00%	March 2024	\$1.5046	\$0.7523	\$0.3762	\$0.1881	\$0.1254	\$0.0940
	April 2024	\$1.5222	\$0.7611	\$0.3806	\$0.1903	\$0.1269	\$0.0951
	May 2024	\$1.4492	\$0.7246	\$0.3623	\$0.1812	\$0.1208	\$0.0906
	June 2024	\$1.5686	\$0.7843	\$0.3922	\$0.1961	\$0.1307	\$0.0980
Lowfat 1.00%	March 2024	\$1.3267	\$0.6634	\$0.3317	\$0.1659	\$0.1106	\$0.0829
	April 2024	\$1.3331	\$0.6666	\$0.3333	\$0.1667	\$0.1111	\$0.0833
	May 2024	\$1.2520	\$0.6260	\$0.3130	\$0.1565	\$0.1043	\$0.0783
	June 2024	\$1.3573	\$0.6787	\$0.3393	\$0.1697	\$0.1131	\$0.0848
Nonfat 0.10%	March 2024	\$0.9273	\$0.4637	\$0.2318	\$0.1159	\$0.0773	\$0.0580
	April 2024	\$0.9290	\$0.4645	\$0.2323	\$0.1161	\$0.0774	\$0.0581
	May 2024	\$0.8459	\$0.4230	\$0.2115	\$0.1058	\$0.0705	\$0.0529
	June 2024	\$0.9430	\$0.4715	\$0.2358	\$0.1179	\$0.0786	\$0.0589

Type of Milk		Container Size Price Changes from the Previous Months					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
Whole	April 2024	\$0.0332	\$0.0166	\$0.0083	\$0.0042	\$0.0028	\$0.0021
	May 2024	(\$0.0621)	(\$0.0310)	(\$0.0156)	(\$0.0078)	(\$0.0052)	(\$0.0039)
	June 2024	\$0.1391	\$0.0695	\$0.0348	\$0.0174	\$0.0116	\$0.0087
Reduced Fat	April 2024	\$0.0176	\$0.0088	\$0.0044	\$0.0022	\$0.0015	\$0.0011
	May 2024	(\$0.0730)	(\$0.0365)	(\$0.0183)	(\$0.0091)	(\$0.0061)	(\$0.0045)
	June 2024	\$0.1194	\$0.0597	\$0.0299	\$0.0149	\$0.0099	\$0.0074
Lowfat	April 2024	\$0.0064	\$0.0032	\$0.0016	\$0.0008	\$0.0005	\$0.0004
	May 2024	(\$0.0811)	(\$0.0406)	(\$0.0203)	(\$0.0102)	(\$0.0068)	(\$0.0050)
	June 2024	\$0.1053	\$0.0527	\$0.0263	\$0.0132	\$0.0088	\$0.0065
Nonfat	April 2024	\$0.0017	\$0.0008	\$0.0005	\$0.0002	\$0.0001	\$0.0001
	May 2024	(\$0.0831)	(\$0.0415)	(\$0.0208)	(\$0.0104)	(\$0.0069)	(\$0.0052)
	June 2024	\$0.0971	\$0.0485	\$0.0243	\$0.0121	\$0.0081	\$0.0060

Class I Prices		Skim	Butterfat	Adv Class IV Prices		Skim
March 2024		\$10.44	\$3.1499			\$9.41
April 2024		\$10.45	\$3.2572			\$9.19
May 2024		\$9.48	\$3.3184			\$8.99
June 2024		\$10.59	\$3.4742			\$8.80

Conversion Factors for Pricing Units			
Whole 3.5%/8.7% Gal.	Reduced 2%/10% Gal.	Lowfat 1%/11% Gal.	Nonfat 0.10%/9% Gal.
8.61	8.66	8.70	8.63

Estimation Assumptions: Incoming milk tests 3.80% butterfat (BF) and 9.00% milk solids not fat (MSNF). Fortification is accomplished with condensed milk testing 33.5% MSNF. White milk products are fortified to California State Standards (BF/MSNF): Whole Milk 3.5%/8.7%; Reduced fat 2%/10%; Lowfat 1%/11%; Nonfat (skim) 0.10%/9%. In lieu of the final Class IV skim price which is not available before the 24th of the month, the advanced Class IV skim price is used. Pounds per gallon factors are based on the formula: $(100/(100+(BF\% \times 0.04811)-(MSNF\% \times 0.38556))) \times 8.3341$.

Note 1: All prices include the \$0.20 per cwt. Processor Assessment (Fluid Milk Promotion Order, 7 CFR, 1160.101 et seq.). These prices do not include any other assessments or costs associated with bottling milk.

Note 2: Prices were determined by a set of calculations which can be found on the FO 51 website (Sample Fortification Calculation).