



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%	January 2024	\$1.7895	\$0.8948	\$0.4474	\$0.2237	\$0.1491	\$0.1118
	February 2024	\$1.7471	\$0.8736	\$0.4368	\$0.2184	\$0.1456	\$0.1092
	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
Reduced Fat 2.00%	January 2024	\$1.4914	\$0.7457	\$0.3729	\$0.1864	\$0.1243	\$0.0932
	February 2024	\$1.4493	\$0.7247	\$0.3623	\$0.1812	\$0.1208	\$0.0906
	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
Lowfat 1.00%	January 2024	\$1.3222	\$0.6611	\$0.3306	\$0.1653	\$0.1102	\$0.0826
	February 2024	\$1.2805	\$0.6403	\$0.3201	\$0.1601	\$0.1067	\$0.0800
	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
Nonfat 0.10%	January 2024	\$0.9349	\$0.4675	\$0.2337	\$0.1169	\$0.0779	\$0.0584
	February 2024	\$0.8926	\$0.4463	\$0.2232	\$0.1116	\$0.0744	\$0.0558
	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

Type of Milk		Container Size Price Changes from the Previous Months					
Whole	February 2024	(\$0.0424)	(\$0.0212)	(\$0.0106)	(\$0.0053)	(\$0.0035)	(\$0.0026)
	March 2024	\$0.0695	\$0.0347	\$0.0174	\$0.0087	\$0.0058	\$0.0043
	April 2024	\$0.0332	\$0.0166	\$0.0083	\$0.0042	\$0.0028	\$0.0021
Reduced Fat	February 2024	(\$0.0421)	(\$0.0210)	(\$0.0106)	(\$0.0053)	(\$0.0035)	(\$0.0026)
	March 2024	\$0.0553	\$0.0276	\$0.0139	\$0.0069	\$0.0046	\$0.0034
	April 2024	\$0.0176	\$0.0088	\$0.0044	\$0.0022	\$0.0015	\$0.0011
Lowfat	February 2024	(\$0.0417)	(\$0.0208)	(\$0.0105)	(\$0.0052)	(\$0.0035)	(\$0.0026)
	March 2024	\$0.0462	\$0.0231	\$0.0116	\$0.0058	\$0.0039	\$0.0029
	April 2024	\$0.0064	\$0.0032	\$0.0016	\$0.0008	\$0.0005	\$0.0004
Nonfat	February 2024	(\$0.0423)	(\$0.0212)	(\$0.0105)	(\$0.0053)	(\$0.0035)	(\$0.0026)
	March 2024	\$0.0347	\$0.0174	\$0.0086	\$0.0044	\$0.0029	\$0.0022
	April 2024	\$0.0017	\$0.0008	\$0.0005	\$0.0002	\$0.0001	\$0.0001

Class I Prices	Skim	Butterfat	Adv Class IV Prices	Skim
January 2024	\$10.54	\$3.0321		\$9.25
February 2024	\$10.05	\$3.0265		\$9.29
March 2024	\$10.44	\$3.1499		\$9.41
April 2024	\$10.45	\$3.2572		\$9.19

Conversion Factors for Pricing Units

Whole 3.5%/8.7% Gal. 8.61	Reduced 2%/10% Gal. 8.66	Lowfat 1%/11% Gal. 8.70	Nonfat 0.10%/9% Gal. 8.63
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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).