



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
<b>Whole</b> <b>3.50%</b>	December 2023	\$1.8990	\$0.9495	\$0.4748	\$0.2374	\$0.1583	\$0.1187
	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
<b>Reduced Fat</b> <b>2.00%</b>	December 2023	\$1.5423	\$0.7712	\$0.3856	\$0.1928	\$0.1285	\$0.0964
	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
<b>Lowfat</b> <b>1.00%</b>	December 2023	\$1.3331	\$0.6666	\$0.3333	\$0.1667	\$0.1111	\$0.0833
	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
<b>Nonfat</b> <b>0.10%</b>	December 2023	\$0.9137	\$0.4569	\$0.2284	\$0.1142	\$0.0761	\$0.0571
	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

Type of Milk		Container Size Price Changes from the Previous Months					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
<b>Whole</b>	January 2024	(\$0.1095)	(\$0.0547)	(\$0.0274)	(\$0.0137)	(\$0.0092)	(\$0.0069)
	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
<b>Reduced Fat</b>	January 2024	(\$0.0509)	(\$0.0255)	(\$0.0127)	(\$0.0064)	(\$0.0042)	(\$0.0032)
	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
<b>Lowfat</b>	January 2024	(\$0.0109)	(\$0.0055)	(\$0.0027)	(\$0.0014)	(\$0.0009)	(\$0.0007)
	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
<b>Nonfat</b>	January 2024	\$0.0212	\$0.0106	\$0.0053	\$0.0027	\$0.0018	\$0.0013
	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

<u>Class I Prices</u>		<u>Skim</u>	<u>Butterfat</u>	<u>Adv Class IV Prices</u>		<u>Skim</u>
December 2023		\$10.25	\$3.4756			\$9.08
January 2024		\$10.54	\$3.0321			\$9.25
February 2024		\$10.05	\$3.0265			\$9.29
March 2024		\$10.44	\$3.1499			\$9.41

<u>Conversion Factors for Pricing Units</u>			
<u>Whole 3.5%/8.7% Gal.</u>	<u>Reduced 2%/10% Gal.</u>	<u>Lowfat 1%/11% Gal.</u>	<u>Nonfat 0.10%/9% Gal.</u>
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).