



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.

<u>Type of Milk</u>		<u>Container Size Price</u>					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
Whole 3.50%	April 2023	\$1.8208	\$0.9104	\$0.4552	\$0.2276	\$0.1517	\$0.1138
	May 2023	\$1.8834	\$0.9417	\$0.4709	\$0.2354	\$0.1570	\$0.1177
	June 2023	\$1.7486	\$0.8743	\$0.4372	\$0.2186	\$0.1457	\$0.1093
	July 2023	\$1.6892	\$0.8446	\$0.4223	\$0.2112	\$0.1408	\$0.1056
Reduced Fat 2.00%	April 2023	\$1.5627	\$0.7814	\$0.3907	\$0.1954	\$0.1302	\$0.0977
	May 2023	\$1.6261	\$0.8131	\$0.4065	\$0.2033	\$0.1355	\$0.1016
	June 2023	\$1.4818	\$0.7409	\$0.3705	\$0.1852	\$0.1235	\$0.0926
	July 2023	\$1.4180	\$0.7090	\$0.3545	\$0.1773	\$0.1182	\$0.0886
Lowfat 1.00%	April 2023	\$1.4207	\$0.7104	\$0.3552	\$0.1776	\$0.1184	\$0.0888
	May 2023	\$1.4836	\$0.7418	\$0.3709	\$0.1855	\$0.1236	\$0.0927
	June 2023	\$1.3319	\$0.6660	\$0.3330	\$0.1665	\$0.1110	\$0.0832
	July 2023	\$1.2658	\$0.6329	\$0.3165	\$0.1582	\$0.1055	\$0.0791
Nonfat 0.10%	April 2023	\$1.0548	\$0.5274	\$0.2637	\$0.1319	\$0.0879	\$0.0659
	May 2023	\$1.1245	\$0.5623	\$0.2811	\$0.1406	\$0.0937	\$0.0703
	June 2023	\$0.9739	\$0.4870	\$0.2435	\$0.1218	\$0.0812	\$0.0609
	July 2023	\$0.9018	\$0.4509	\$0.2255	\$0.1127	\$0.0752	\$0.0564

<u>Type of Milk</u>		<u>Container Size Price Changes from the Previous Months</u>					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
Whole	May 2023	\$0.0626	\$0.0313	\$0.0157	\$0.0078	\$0.0053	\$0.0039
	June 2023	(\$0.1348)	(\$0.0674)	(\$0.0337)	(\$0.0169)	(\$0.0113)	(\$0.0084)
	July 2023	(\$0.0594)	(\$0.0297)	(\$0.0149)	(\$0.0074)	(\$0.0049)	(\$0.0037)
Reduced Fat	May 2023	\$0.0634	\$0.0317	\$0.0158	\$0.0079	\$0.0053	\$0.0039
	June 2023	(\$0.1443)	(\$0.0722)	(\$0.0360)	(\$0.0181)	(\$0.0120)	(\$0.0090)
	July 2023	(\$0.0638)	(\$0.0319)	(\$0.0160)	(\$0.0080)	(\$0.0053)	(\$0.0040)
Lowfat	May 2023	\$0.0629	\$0.0314	\$0.0157	\$0.0079	\$0.0052	\$0.0039
	June 2023	(\$0.1517)	(\$0.0758)	(\$0.0379)	(\$0.0190)	(\$0.0126)	(\$0.0095)
	July 2023	(\$0.0661)	(\$0.0331)	(\$0.0165)	(\$0.0083)	(\$0.0055)	(\$0.0041)
Nonfat	May 2023	\$0.0697	\$0.0349	\$0.0174	\$0.0087	\$0.0058	\$0.0044
	June 2023	(\$0.1506)	(\$0.0753)	(\$0.0376)	(\$0.0188)	(\$0.0125)	(\$0.0094)
	July 2023	(\$0.0721)	(\$0.0361)	(\$0.0180)	(\$0.0090)	(\$0.0060)	(\$0.0045)

<u>Class I Prices</u>	<u>Skim</u>	<u>Butterfat</u>	<u>Adv Class IV Prices</u>	<u>Skim</u>
April 2023	\$11.96	\$2.7447		\$9.37
May 2023	\$12.77	\$2.7289		\$9.08
June 2023	\$11.02	\$2.7642		\$8.78
July 2023	\$10.18	\$2.7987		\$8.94

Conversion Factors for Pricing Units

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