



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%	October 2023	\$1.8742	\$0.9371	\$0.4686	\$0.2343	\$0.1562	\$0.1171
	November 2023	\$1.8985	\$0.9493	\$0.4746	\$0.2373	\$0.1582	\$0.1187
	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
Reduced Fat 2.00%	October 2023	\$1.5669	\$0.7835	\$0.3917	\$0.1959	\$0.1306	\$0.0979
	November 2023	\$1.5128	\$0.7564	\$0.3782	\$0.1891	\$0.1261	\$0.0946
	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
Lowfat 1.00%	October 2023	\$1.3889	\$0.6945	\$0.3472	\$0.1736	\$0.1157	\$0.0868
	November 2023	\$1.2828	\$0.6414	\$0.3207	\$0.1604	\$0.1069	\$0.0802
	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
Nonfat 0.10%	October 2023	\$1.0111	\$0.5056	\$0.2528	\$0.1264	\$0.0843	\$0.0632
	November 2023	\$0.8541	\$0.4271	\$0.2135	\$0.1068	\$0.0712	\$0.0534
	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

Type of Milk		Container Size Price Changes from the Previous Months					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
Whole	November 2023	\$0.0243	\$0.0122	\$0.0060	\$0.0031	\$0.0020	\$0.0016
	December 2023	\$0.0005	\$0.0002	\$0.0002	\$0.0000	\$0.0001	\$0.0000
	January 2024	(\$0.1095)	(\$0.0547)	(\$0.0274)	(\$0.0137)	(\$0.0092)	(\$0.0069)
Reduced Fat	November 2023	(\$0.0541)	(\$0.0271)	(\$0.0135)	(\$0.0068)	(\$0.0045)	(\$0.0033)
	December 2023	\$0.0295	\$0.0148	\$0.0074	\$0.0037	\$0.0024	\$0.0018
	January 2024	(\$0.0509)	(\$0.0255)	(\$0.0127)	(\$0.0064)	(\$0.0042)	(\$0.0032)
Lowfat	November 2023	(\$0.1061)	(\$0.0531)	(\$0.0265)	(\$0.0133)	(\$0.0088)	(\$0.0066)
	December 2023	\$0.0503	\$0.0252	\$0.0126	\$0.0063	\$0.0042	\$0.0031
	January 2024	(\$0.0109)	(\$0.0055)	(\$0.0027)	(\$0.0014)	(\$0.0009)	(\$0.0007)
Nonfat	November 2023	(\$0.1570)	(\$0.0785)	(\$0.0393)	(\$0.0196)	(\$0.0131)	(\$0.0098)
	December 2023	\$0.0596	\$0.0298	\$0.0149	\$0.0075	\$0.0049	\$0.0037
	January 2024	\$0.0212	\$0.0106	\$0.0053	\$0.0027	\$0.0018	\$0.0013

<u>Class I Prices</u>	<u>Skim</u>	<u>Butterfat</u>	<u>Adv Class IV Prices</u>	<u>Skim</u>
October 2023	\$11.42	\$3.0707		\$8.55
November 2023	\$9.54	\$3.6696		\$8.70
December 2023	\$10.25	\$3.4756		\$9.08
January 2024	\$10.54	\$3.0321		\$9.25

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).