



United States
Department of Agriculture
Agricultural Marketing Service
Dairy Program

CALIFORNIA MARKETING AREA FEDERAL MILK ORDER NO. 51

Tel.: (916) 702-6455 — Fax: (833) 673-3751
email: market.admin@cafmmo.com
website: www.cafmmo.com

Mailing Address:
P.O. Box 6660
Folsom, CA 95763

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 2022	\$2.1537	\$1.0769	\$0.5384	\$0.2692	\$0.1795	\$0.1346
	November 2022	\$2.2725	\$1.1363	\$0.5681	\$0.2841	\$0.1894	\$0.1420
	December 2022	\$2.1422	\$1.0711	\$0.5356	\$0.2678	\$0.1785	\$0.1339
	January 2023	\$2.1278	\$1.0639	\$0.5320	\$0.2660	\$0.1773	\$0.1330
Reduced Fat 2.00%	October 2022	\$1.8153	\$0.9077	\$0.4538	\$0.2269	\$0.1513	\$0.1135
	November 2022	\$1.9211	\$0.9606	\$0.4803	\$0.2402	\$0.1601	\$0.1201
	December 2022	\$1.8328	\$0.9164	\$0.4582	\$0.2291	\$0.1527	\$0.1146
	January 2023	\$1.8184	\$0.9092	\$0.4546	\$0.2273	\$0.1515	\$0.1137
Lowfat 1.00%	October 2022	\$1.6306	\$0.8153	\$0.4077	\$0.2038	\$0.1359	\$0.1019
	November 2022	\$1.7273	\$0.8637	\$0.4318	\$0.2159	\$0.1439	\$0.1080
	December 2022	\$1.6645	\$0.8323	\$0.4161	\$0.2081	\$0.1387	\$0.1040
	January 2023	\$1.6497	\$0.8249	\$0.4124	\$0.2062	\$0.1375	\$0.1031
Nonfat 0.10%	October 2022	\$1.1431	\$0.5716	\$0.2858	\$0.1429	\$0.0953	\$0.0714
	November 2022	\$1.2329	\$0.6165	\$0.3082	\$0.1541	\$0.1027	\$0.0771
	December 2022	\$1.2141	\$0.6071	\$0.3035	\$0.1518	\$0.1012	\$0.0759
	January 2023	\$1.2028	\$0.6014	\$0.3007	\$0.1504	\$0.1002	\$0.0752
Type of Milk		Container Size Price Changes from the Previous Months					
Whole	November 2022	\$0.1188	\$0.0594	\$0.0297	\$0.0149	\$0.0099	\$0.0074
	December 2022	(\$0.1303)	(\$0.0652)	(\$0.0325)	(\$0.0163)	(\$0.0109)	(\$0.0081)
	January 2023	(\$0.0144)	(\$0.0072)	(\$0.0036)	(\$0.0018)	(\$0.0012)	(\$0.0009)
Reduced Fat	November 2022	\$0.1058	\$0.0529	\$0.0265	\$0.0132	\$0.0088	\$0.0066
	December 2022	(\$0.0883)	(\$0.0442)	(\$0.0221)	(\$0.0111)	(\$0.0074)	(\$0.0055)
	January 2023	(\$0.0144)	(\$0.0072)	(\$0.0036)	(\$0.0018)	(\$0.0012)	(\$0.0009)
Lowfat	November 2022	\$0.0967	\$0.0484	\$0.0241	\$0.0121	\$0.0080	\$0.0061
	December 2022	(\$0.0628)	(\$0.0314)	(\$0.0157)	(\$0.0079)	(\$0.0052)	(\$0.0040)
	January 2023	(\$0.0148)	(\$0.0074)	(\$0.0037)	(\$0.0019)	(\$0.0012)	(\$0.0009)
Nonfat	November 2022	\$0.0898	\$0.0449	\$0.0224	\$0.0112	\$0.0074	\$0.0057
	December 2022	(\$0.0188)	(\$0.0094)	(\$0.0047)	(\$0.0024)	(\$0.0015)	(\$0.0012)
	January 2023	(\$0.0113)	(\$0.0057)	(\$0.0028)	(\$0.0014)	(\$0.0010)	(\$0.0007)
<u>Class I Prices</u>		<u>Skim</u>	<u>Butterfat</u>	<u>Adv Class IV Prices</u>		<u>Skim</u>	
		October 2022	\$12.90	\$3.5901			\$12.67
		November 2022	\$13.93	\$3.7004			\$12.61
		December 2022	\$13.75	\$3.3176			\$11.78
		January 2023	\$13.62	\$3.3057			\$11.62

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).