



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%	November 2021	\$1.7463	\$0.8732	\$0.4366	\$0.2183	\$0.1455	\$0.1091
	December 2021	\$1.8487	\$0.9244	\$0.4622	\$0.2311	\$0.1541	\$0.1155
	January 2022	\$1.8954	\$0.9477	\$0.4739	\$0.2369	\$0.1580	\$0.1185
	February 2022	\$2.0615	\$1.0308	\$0.5154	\$0.2577	\$0.1718	\$0.1288
Reduced Fat 2.00%	November 2021	\$1.6055	\$0.8028	\$0.4014	\$0.2007	\$0.1338	\$0.1003
	December 2021	\$1.6896	\$0.8448	\$0.4224	\$0.2112	\$0.1408	\$0.1056
	January 2022	\$1.7224	\$0.8612	\$0.4306	\$0.2153	\$0.1435	\$0.1077
	February 2022	\$1.8324	\$0.9162	\$0.4581	\$0.2291	\$0.1527	\$0.1145
Lowfat 1.00%	November 2021	\$1.5463	\$0.7732	\$0.3866	\$0.1933	\$0.1289	\$0.0966
	December 2021	\$1.6215	\$0.8108	\$0.4054	\$0.2027	\$0.1351	\$0.1013
	January 2022	\$1.6473	\$0.8237	\$0.4118	\$0.2059	\$0.1373	\$0.1030
	February 2022	\$1.7223	\$0.8612	\$0.4306	\$0.2153	\$0.1435	\$0.1076
Nonfat 0.10%	November 2021	\$1.2262	\$0.6131	\$0.3066	\$0.1533	\$0.1022	\$0.0766
	December 2021	\$1.2685	\$0.6343	\$0.3171	\$0.1586	\$0.1057	\$0.0793
	January 2022	\$1.2707	\$0.6354	\$0.3177	\$0.1589	\$0.1059	\$0.0794
	February 2022	\$1.2948	\$0.6474	\$0.3237	\$0.1619	\$0.1079	\$0.0809

Type of Milk		Container Size Price Changes from the Previous Months					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
Whole	December 2021	\$0.1024	\$0.0512	\$0.0256	\$0.0128	\$0.0086	\$0.0064
	January 2022	\$0.0467	\$0.0233	\$0.0117	\$0.0058	\$0.0039	\$0.0030
	February 2022	\$0.1661	\$0.0831	\$0.0415	\$0.0208	\$0.0138	\$0.0103
Reduced Fat	December 2021	\$0.0841	\$0.0420	\$0.0210	\$0.0105	\$0.0070	\$0.0053
	January 2022	\$0.0328	\$0.0164	\$0.0082	\$0.0041	\$0.0027	\$0.0021
	February 2022	\$0.1100	\$0.0550	\$0.0275	\$0.0138	\$0.0092	\$0.0068
Lowfat	December 2021	\$0.0752	\$0.0376	\$0.0188	\$0.0094	\$0.0062	\$0.0047
	January 2022	\$0.0258	\$0.0129	\$0.0064	\$0.0032	\$0.0022	\$0.0017
	February 2022	\$0.0750	\$0.0375	\$0.0188	\$0.0094	\$0.0062	\$0.0046
Nonfat	December 2021	\$0.0423	\$0.0212	\$0.0105	\$0.0053	\$0.0035	\$0.0027
	January 2022	\$0.0022	\$0.0011	\$0.0006	\$0.0003	\$0.0002	\$0.0001
	February 2022	\$0.0241	\$0.0120	\$0.0060	\$0.0030	\$0.0020	\$0.0015

<u>Class I Prices</u>	<u>Skim</u>	<u>Butterfat</u>	<u>Adv Class IV Prices</u>	<u>Skim</u>
November 2021	\$14.03	\$1.9268		\$10.53
December 2021	\$14.50	\$2.1369		\$11.52
January 2022	\$14.51	\$2.2890		\$12.21
February 2022	\$14.74	\$2.7767		\$12.97

Conversion Factors for Pricing Units

<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).