



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 2020	\$1.7516	\$0.8758	\$0.4379	\$0.2190	\$0.1460	\$0.1095
	December 2020	\$1.9092	\$0.9546	\$0.4773	\$0.2387	\$0.1591	\$0.1193
	January 2021	\$1.5018	\$0.7509	\$0.3755	\$0.1877	\$0.1252	\$0.0939
	February 2021	\$1.5359	\$0.7680	\$0.3840	\$0.1920	\$0.1280	\$0.0960
Reduced Fat 2.00%	November 2020	\$1.6267	\$0.8134	\$0.4067	\$0.2034	\$0.1356	\$0.1017
	December 2020	\$1.7964	\$0.8982	\$0.4491	\$0.2246	\$0.1497	\$0.1123
	January 2021	\$1.3846	\$0.6923	\$0.3462	\$0.1731	\$0.1154	\$0.0865
	February 2021	\$1.4186	\$0.7093	\$0.3547	\$0.1773	\$0.1182	\$0.0887
Lowfat 1.00%	November 2020	\$1.5694	\$0.7847	\$0.3924	\$0.1962	\$0.1308	\$0.0981
	December 2020	\$1.7478	\$0.8739	\$0.4370	\$0.2185	\$0.1457	\$0.1092
	January 2021	\$1.3337	\$0.6669	\$0.3334	\$0.1667	\$0.1111	\$0.0834
	February 2021	\$1.3685	\$0.6843	\$0.3421	\$0.1711	\$0.1140	\$0.0855
Nonfat 0.10%	November 2020	\$1.3144	\$0.6572	\$0.3286	\$0.1643	\$0.1095	\$0.0822
	December 2020	\$1.4949	\$0.7475	\$0.3737	\$0.1869	\$0.1246	\$0.0934
	January 2021	\$1.0767	\$0.5384	\$0.2692	\$0.1346	\$0.0897	\$0.0673
	February 2021	\$1.1062	\$0.5531	\$0.2766	\$0.1383	\$0.0922	\$0.0691

Type of Milk		Container Size Price Changes from the Previous Months					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
Whole	December 2020	\$0.1576	\$0.0788	\$0.0394	\$0.0197	\$0.0131	\$0.0098
	January 2021	(\$0.4074)	(\$0.2037)	(\$0.1018)	(\$0.0509)	(\$0.0339)	(\$0.0254)
	February 2021	\$0.0341	\$0.0171	\$0.0085	\$0.0043	\$0.0028	\$0.0021
Reduced Fat	December 2020	\$0.1697	\$0.0848	\$0.0424	\$0.0212	\$0.0141	\$0.0106
	January 2021	(\$0.4118)	(\$0.2059)	(\$0.1029)	(\$0.0515)	(\$0.0343)	(\$0.0258)
	February 2021	\$0.0340	\$0.0170	\$0.0085	\$0.0043	\$0.0028	\$0.0022
Lowfat	December 2020	\$0.1784	\$0.0892	\$0.0446	\$0.0223	\$0.0149	\$0.0111
	January 2021	(\$0.4141)	(\$0.2070)	(\$0.1036)	(\$0.0518)	(\$0.0346)	(\$0.0258)
	February 2021	\$0.0348	\$0.0174	\$0.0087	\$0.0043	\$0.0029	\$0.0021
Nonfat	December 2020	\$0.1805	\$0.0903	\$0.0451	\$0.0226	\$0.0151	\$0.0112
	January 2021	(\$0.4182)	(\$0.2091)	(\$0.1045)	(\$0.0523)	(\$0.0349)	(\$0.0261)
	February 2021	\$0.0295	\$0.0147	\$0.0074	\$0.0037	\$0.0025	\$0.0018

	Class I Prices		Adv Class IV Prices	
	Skim	Butterfat	Skim	
November 2020	\$15.08	\$1.6546	\$8.00	
December 2020	\$17.18	\$1.5986	\$8.21	
January 2021	\$12.33	\$1.5839	\$8.33	
February 2021	\$12.67	\$1.6034	\$8.57	

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