



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
<b>Whole</b> <b>3.50%</b>	November 2019	\$1.7599	\$0.8800	\$0.4400	\$0.2200	\$0.1467	\$0.1100
	December 2019	\$1.8620	\$0.9310	\$0.4655	\$0.2328	\$0.1552	\$0.1164
	January 2020	\$1.8344	\$0.9172	\$0.4586	\$0.2293	\$0.1529	\$0.1147
	February 2020	\$1.7093	\$0.8547	\$0.4273	\$0.2137	\$0.1424	\$0.1068
<b>Reduced Fat</b> <b>2.00%</b>	November 2019	\$1.5358	\$0.7679	\$0.3840	\$0.1920	\$0.1280	\$0.0960
	December 2019	\$1.6530	\$0.8265	\$0.4133	\$0.2066	\$0.1378	\$0.1033
	January 2020	\$1.6453	\$0.8227	\$0.4113	\$0.2057	\$0.1371	\$0.1028
	February 2020	\$1.5294	\$0.7647	\$0.3824	\$0.1912	\$0.1275	\$0.0956
<b>Lowfat</b> <b>1.00%</b>	November 2019	\$1.4130	\$0.7065	\$0.3533	\$0.1766	\$0.1178	\$0.0883
	December 2019	\$1.5418	\$0.7709	\$0.3855	\$0.1927	\$0.1285	\$0.0964
	January 2020	\$1.5493	\$0.7747	\$0.3873	\$0.1937	\$0.1291	\$0.0968
	February 2020	\$1.4406	\$0.7203	\$0.3602	\$0.1801	\$0.1201	\$0.0900
<b>Nonfat</b> <b>0.10%</b>	November 2019	\$1.0908	\$0.5454	\$0.2727	\$0.1364	\$0.0909	\$0.0682
	December 2019	\$1.2195	\$0.6098	\$0.3049	\$0.1525	\$0.1016	\$0.0762
	January 2020	\$1.2271	\$0.6136	\$0.3068	\$0.1534	\$0.1023	\$0.0767
	February 2020	\$1.1187	\$0.5594	\$0.2797	\$0.1399	\$0.0932	\$0.0699

Type of Milk		Container Size Price Changes from the Previous Months					
		Gallon	Half Gallon	Quart	Pint	1/3 Quart	Half Pints
<b>Whole</b>	December 2019	\$0.1021	\$0.0510	\$0.0255	\$0.0128	\$0.0085	\$0.0064
	January 2020	(\$0.0276)	(\$0.0138)	(\$0.0069)	(\$0.0035)	(\$0.0023)	(\$0.0017)
	February 2020	(\$0.1251)	(\$0.0625)	(\$0.0313)	(\$0.0156)	(\$0.0105)	(\$0.0079)
<b>Reduced Fat</b>	December 2019	\$0.1172	\$0.0586	\$0.0293	\$0.0147	\$0.0098	\$0.0073
	January 2020	(\$0.0077)	(\$0.0038)	(\$0.0020)	(\$0.0010)	(\$0.0007)	(\$0.0005)
	February 2020	(\$0.1159)	(\$0.0580)	(\$0.0289)	(\$0.0145)	(\$0.0096)	(\$0.0072)
<b>Lowfat</b>	December 2019	\$0.1288	\$0.0644	\$0.0322	\$0.0161	\$0.0107	\$0.0081
	January 2020	\$0.0075	\$0.0038	\$0.0018	\$0.0010	\$0.0006	\$0.0004
	February 2020	(\$0.1087)	(\$0.0544)	(\$0.0271)	(\$0.0136)	(\$0.0090)	(\$0.0068)
<b>Nonfat</b>	December 2019	\$0.1287	\$0.0644	\$0.0322	\$0.0161	\$0.0107	\$0.0080
	January 2020	\$0.0076	\$0.0038	\$0.0019	\$0.0010	\$0.0007	\$0.0005
	February 2020	(\$0.1084)	(\$0.0542)	(\$0.0271)	(\$0.0136)	(\$0.0091)	(\$0.0068)

<u>Class I Prices</u>	<u>Skim</u>	<u>Butterfat</u>	<u>Adv Class IV Prices</u>	<u>Skim</u>
November 2019	\$12.41	\$2.4185		\$8.32
December 2019	\$13.91	\$2.3438		\$8.73
January 2020	\$14.01	\$2.2245		\$9.28
February 2020	\$12.76	\$2.1539		\$9.54

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).