



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.

<u>Type of Milk</u>		<u>Container Size Price</u>					
		<u>Gallon</u>	<u>Half Gallon</u>	<u>Quart</u>	<u>Pint</u>	<u>1/3 Quart</u>	<u>Half Pints</u>
Whole 3.50%	December 2018	\$1.4934	\$0.7467	\$0.3734	\$0.1867	\$0.1245	\$0.0933
	January 2019	\$1.4997	\$0.7499	\$0.3749	\$0.1875	\$0.1250	\$0.0937
	February 2019	\$1.5152	\$0.7576	\$0.3788	\$0.1894	\$0.1263	\$0.0947
	March 2019	\$1.5740	\$0.7870	\$0.3935	\$0.1968	\$0.1312	\$0.0984
Reduced Fat 2.00%	December 2018	\$1.2314	\$0.6157	\$0.3079	\$0.1539	\$0.1026	\$0.0770
	January 2019	\$1.2395	\$0.6198	\$0.3099	\$0.1550	\$0.1033	\$0.0775
	February 2019	\$1.2610	\$0.6305	\$0.3153	\$0.1576	\$0.1051	\$0.0788
	March 2019	\$1.3149	\$0.6575	\$0.3287	\$0.1644	\$0.1096	\$0.0822
Lowfat 1.00%	December 2018	\$1.0767	\$0.5384	\$0.2692	\$0.1346	\$0.0897	\$0.0673
	January 2019	\$1.0864	\$0.5432	\$0.2716	\$0.1358	\$0.0905	\$0.0679
	February 2019	\$1.1129	\$0.5565	\$0.2782	\$0.1391	\$0.0927	\$0.0696
	March 2019	\$1.1652	\$0.5826	\$0.2913	\$0.1457	\$0.0971	\$0.0728
Nonfat 0.10%	December 2018	\$0.7738	\$0.3869	\$0.1935	\$0.0967	\$0.0645	\$0.0484
	January 2019	\$0.7824	\$0.3912	\$0.1956	\$0.0978	\$0.0652	\$0.0489
	February 2019	\$0.8063	\$0.4032	\$0.2016	\$0.1008	\$0.0672	\$0.0504
	March 2019	\$0.8457	\$0.4229	\$0.2114	\$0.1057	\$0.0705	\$0.0529

<u>Type of Milk</u>		<u>Container Size Price Changes from the Previous Months</u>					
Whole	January 2019	\$0.0063	\$0.0032	\$0.0015	\$0.0008	\$0.0005	\$0.0004
	February 2019	\$0.0155	\$0.0077	\$0.0039	\$0.0019	\$0.0013	\$0.0010
	March 2019	\$0.0588	\$0.0294	\$0.0147	\$0.0074	\$0.0049	\$0.0037
Reduced Fat	January 2019	\$0.0081	\$0.0041	\$0.0020	\$0.0010	\$0.0007	\$0.0005
	February 2019	\$0.0215	\$0.0107	\$0.0054	\$0.0027	\$0.0018	\$0.0013
	March 2019	\$0.0539	\$0.0270	\$0.0134	\$0.0068	\$0.0045	\$0.0034
Lowfat	January 2019	\$0.0097	\$0.0048	\$0.0024	\$0.0012	\$0.0008	\$0.0006
	February 2019	\$0.0265	\$0.0133	\$0.0066	\$0.0033	\$0.0022	\$0.0017
	March 2019	\$0.0523	\$0.0261	\$0.0131	\$0.0065	\$0.0044	\$0.0032
Nonfat	January 2019	\$0.0086	\$0.0043	\$0.0021	\$0.0011	\$0.0007	\$0.0005
	February 2019	\$0.0239	\$0.0120	\$0.0060	\$0.0030	\$0.0020	\$0.0015
	March 2019	\$0.0394	\$0.0197	\$0.0098	\$0.0049	\$0.0033	\$0.0025

<u>Class I Prices</u>	<u>Skim</u>	<u>Butterfat</u>	<u>Adv Class IV Prices</u>	<u>Skim</u>
December 2018	\$8.72	\$2.5516		\$6.42
January 2019	\$8.82	\$2.5447		\$6.52
February 2019	\$9.10	\$2.5192		\$6.80
March 2019	\$9.55	\$2.5900		\$7.25

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).