

Agricultural Marketing Service

CALIFORNIA MARKETING AREA **FEDERAL MILK ORDER NO. 51**

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Dairy Program

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.

April 2019 \$1.676 \$0.0828 \$0.1944 \$0.1296 \$0.0972	Type of Milk		Container Size Price					
Whole 3.50% May 2019 \$1.6118 \$0.8059 \$0.4030 \$0.2015 \$0.1343 \$0.1007 3.50% June 2019 \$1.6676 \$0.8338 \$0.4169 \$0.2085 \$0.1390 \$0.1042 July 2019 \$1.6771 \$0.8386 \$0.4169 \$0.2097 \$0.1390 \$0.1042 Reduced Fat May 2019 \$1.2952 \$0.6476 \$0.3238 \$0.1619 \$0.1079 \$0.0810 2.00% June 2019 \$1.4132 \$0.7066 \$0.3533 \$0.1767 \$0.1178 \$0.0883 2.00% July 2019 \$1.4127 \$0.7064 \$0.3533 \$0.1766 \$0.1177 \$0.0883 Lowfat May 2019 \$1.1440 \$0.5720 \$0.2860 \$0.1430 \$0.0953 \$0.0715 Lowfat May 2019 \$1.2676 \$0.6338 \$0.3169 \$0.1066 \$0.0755 1.00% July 2019 \$1.2671 \$0.6338 \$0.3153 \$0.1577 \$0.1051 \$0.0785 1.00% July 2019 \$0.8284 \$0.4142 \$0.2071 \$0.1036			Gallon	Half Gallon			1/3 Quart	
3.50% June 2019 \$1.6676 \$0.8338 \$0.4169 \$0.2085 \$0.1390 \$0.1042 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2097 \$0.1398 \$0.1048 \$0.1048 \$0.2099 \$0.1099 \$0.0810 \$0.0810 \$0.0847 \$0.0099 \$0.0847 \$0.0099 \$0.0847 \$0.0083 \$0.6779 \$0.3390 \$0.1695 \$0.1130 \$0.0847 \$0.0099 \$0.0099 \$1.4127 \$0.7064 \$0.3532 \$0.1767 \$0.1178 \$0.0883 \$0.1042 \$0.0099 \$1.2019 \$1.4140 \$0.5720 \$0.2860 \$0.1430 \$0.0095 \$0.009		April 2019	\$1.5552	\$0.7776		\$0.1944	\$0.1296	\$0.0972
April 2019 \$1.6771 \$0.8386 \$0.4193 \$0.2097 \$0.1398 \$0.1048		May 2019	\$1.6118	\$0.8059		\$0.2015	•	*
April 2019 \$1.2952 \$0.6476 \$0.3238 \$0.1619 \$0.1079 \$0.0810	3.50%	June 2019	•	•				
Reduced Fat May 2019		July 2019	\$1.6771	\$0.8386	\$0.4193	\$0.2097	\$0.1398	\$0.1048
2.00% June 2019 \$1.4132 \$0.7066 \$0.3533 \$0.1767 \$0.1178 \$0.0883		April 2019	\$1.2952	\$0.6476	\$0.3238	\$0.1619	\$0.1079	\$0.0810
July 2019 \$1.4127 \$0.7064 \$0.3532 \$0.1766 \$0.1177 \$0.0883	Reduced Fat	May 2019	\$1.3558	\$0.6779	\$0.3390	\$0.1695	\$0.1130	\$0.0847
April 2019	2.00%	June 2019	\$1.4132	\$0.7066	\$0.3533	\$0.1767	\$0.1178	\$0.0883
Lowfat May 2019 \$1.2072 \$0.6036 \$0.3018 \$0.1509 \$0.1006 \$0.0755 \$1.00% June 2019 \$1.2676 \$0.6338 \$0.3169 \$0.1585 \$0.1056 \$0.0792 \$0.1096 \$1.2611 \$0.6306 \$0.3153 \$0.1577 \$0.1051 \$0.0788 \$0.0792 \$0.0912 \$1.2611 \$0.6306 \$0.3153 \$0.1577 \$0.1051 \$0.0788 \$0.0788 \$0.0792 \$0.8284 \$0.4142 \$0.2071 \$0.1036 \$0.0690 \$0.0518 \$0.0912 \$0.8946 \$0.4473 \$0.2237 \$0.1118 \$0.0746 \$0.0559 \$0.10% June 2019 \$0.9439 \$0.4720 \$0.2360 \$0.1180 \$0.0772 \$0.0579 \$0.0919 \$0.9266 \$0.4633 \$0.2317 \$0.1158 \$0.0772 \$0.0579 \$0.0919 \$0.9566 \$0.0283 \$0.02317 \$0.1158 \$0.00772 \$0.00579 \$0.0919 \$0.0558 \$0.0279 \$0.0139 \$0.0070 \$0.0047 \$0.0035 \$0.0095 \$0.0048 \$0.0024 \$0.0070 \$0.0047 \$0.0035 \$0.0095 \$0.0048 \$0.0024 \$0.0012 \$0.0008 \$0.0006 \$0.0005 \$0.0048 \$0.0024 \$0.0072 \$0.0008 \$0.0006 \$0.0005 \$0.0005 \$0.0001 \$0.0007		July 2019	\$1.4127	\$0.7064	\$0.3532	\$0.1766	\$0.1177	\$0.0883
1.00% June 2019 \$1.2676 \$0.6338 \$0.3169 \$0.1585 \$0.1056 \$0.0792 July 2019 \$1.2611 \$0.6306 \$0.3153 \$0.1577 \$0.1051 \$0.0788 April 2019 \$0.8284 \$0.4142 \$0.2071 \$0.1036 \$0.0690 \$0.0518 Nonfat		April 2019	\$1.1440	\$0.5720	\$0.2860	\$0.1430	\$0.0953	\$0.0715
1.00% June 2019 \$1.2676 \$0.6338 \$0.3169 \$0.1585 \$0.1056 \$0.0792 July 2019 \$1.2611 \$0.6306 \$0.3153 \$0.1577 \$0.1051 \$0.0788 April 2019 \$0.8284 \$0.4142 \$0.2071 \$0.1036 \$0.0690 \$0.0518 Nonfat	Lowfat	•	\$1,2072	\$0.6036	\$0.3018	\$0.1509	\$0.1006	\$0.0755
Duly 2019 \$1.2611 \$0.6306 \$0.3153 \$0.1577 \$0.1051 \$0.0788	1.00%	•	•					
Nonfat				•			•	
Nonfat		April 2019	\$0.8284	\$0.4142	\$0.2071	\$0.1036	\$0.0690	\$0.0518
0.10% June 2019 \$0.9439 \$0.4720 \$0.2360 \$0.1180 \$0.0787 \$0.0590 Type of Milk Container Size Price Changes from the Previous Months May 2019 \$0.0566 \$0.0283 \$0.0142 \$0.0071 \$0.0047 \$0.0035 Whole June 2019 \$0.0558 \$0.0279 \$0.0139 \$0.0070 \$0.0047 \$0.0035 July 2019 \$0.0095 \$0.0048 \$0.0024 \$0.0012 \$0.0008 \$0.0006 May 2019 \$0.0606 \$0.0303 \$0.0152 \$0.0076 \$0.0051 \$0.0037 Reduced Fat June 2019 \$0.0606 \$0.0303 \$0.0152 \$0.0076 \$0.0051 \$0.0037 Reduced Fat June 2019 \$0.0574 \$0.0287 \$0.0143 \$0.0072 \$0.0048 \$0.0036 May 2019 \$0.0632 \$0.0316 \$0.0158 \$0.0079 \$0.0053 \$0.0040 Lowfat June 2019 \$0.0664 \$0.032 \$0.015 \$0.0076 \$0.0050	Nonfat	•	\$0.8946	\$0.4473	\$0.2237	\$0.1118	\$0.0746	\$0.0559
Type of Milk		•					•	
May 2019				•			·	
Whole May 2019 \$0.0566 \$0.0283 \$0.0142 \$0.0071 \$0.0047 \$0.0035 July 2019 \$0.0558 \$0.0279 \$0.0139 \$0.0070 \$0.0047 \$0.0035 July 2019 \$0.0095 \$0.0048 \$0.0024 \$0.0012 \$0.0008 \$0.0006 May 2019 \$0.0606 \$0.0303 \$0.0152 \$0.0076 \$0.0051 \$0.0037 Reduced Fat June 2019 \$0.0574 \$0.0287 \$0.0143 \$0.0072 \$0.0048 \$0.0036 July 2019 \$0.0632 \$0.0316 \$0.0158 \$0.0079 \$0.0053 \$0.0040 Lowfat June 2019 \$0.0604 \$0.0302 \$0.0158 \$0.0079 \$0.0053 \$0.0040 Lowfat June 2019 \$0.0662 \$0.0331 \$0.0158 \$0.0076 \$0.0053 \$0.0040 May 2019 \$0.0662 \$0.0331 \$0.0158 \$0.0076 \$0.0050 \$0.0037 Nonfat May 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0041			¥11122	¥ - 1 - 1 - 1 - 1	********	***************************************	¥ 5 1 5 1 5	40.00.0
Whole June 2019 \$0.0558 \$0.0279 \$0.0139 \$0.0070 \$0.0047 \$0.0035 July 2019 \$0.0095 \$0.0048 \$0.0024 \$0.0012 \$0.0008 \$0.0006 May 2019 \$0.0606 \$0.0303 \$0.0152 \$0.0076 \$0.0051 \$0.0037 Reduced Fat June 2019 \$0.0574 \$0.0287 \$0.0143 \$0.0072 \$0.0048 \$0.0036 July 2019 \$0.0005) \$0.0002) \$0.0001) \$0.0000) \$0.0001) \$0.0000 Lowfat June 2019 \$0.0632 \$0.0316 \$0.0158 \$0.0079 \$0.0053 \$0.0040 Lowfat June 2019 \$0.0604 \$0.0302 \$0.0151 \$0.0076 \$0.0053 \$0.0040 Lowfat July 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0008) \$0.00050 \$0.00037 May 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0041 \$0.0031 Nonfat July 2019 \$0.0173) \$0.0087 \$0.0043) \$	Type of Milk							
July 2019		May 2019	•	•				
Reduced Fat Duly 2019 \$0.0606 \$0.0303 \$0.0152 \$0.0076 \$0.0051 \$0.0037 June 2019 \$0.0574 \$0.0287 \$0.0143 \$0.0072 \$0.0048 \$0.0036 July 2019 \$0.0005) \$0.0002) \$0.0001) \$0.0000) \$0.0001) \$0.0000 Lowfat June 2019 \$0.0632 \$0.0316 \$0.0158 \$0.0079 \$0.0053 \$0.0040 Lowfat June 2019 \$0.0604 \$0.0302 \$0.0151 \$0.0076 \$0.0050 \$0.0037 July 2019 \$0.0662 \$0.0032) \$0.0016) \$0.0008) \$0.0005) \$0.00037 Nonfat June 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0056 \$0.0041 Nonfat June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 July 2019 \$0.0173) \$0.0087) \$0.0043) \$0.0022) \$0.0015) \$0.0011) Elass I Prices Skim \$0.0062 \$0.0015) \$0.0011) \$0.0	Whole	June 2019	•				•	
Reduced Fat June 2019 \$0.0574 \$0.0287 \$0.0143 \$0.0072 \$0.0048 \$0.0036 July 2019 (\$0.0005) (\$0.0002) (\$0.0001) (\$0.0000) (\$0.0001) \$0.0000 Lowfat May 2019 \$0.0632 \$0.0316 \$0.0158 \$0.0079 \$0.0053 \$0.0040 Lowfat June 2019 \$0.0604 \$0.0302 \$0.0151 \$0.0076 \$0.0050 \$0.0037 July 2019 (\$0.0065) (\$0.0032) (\$0.0016) (\$0.0008) (\$0.0005) (\$0.0004) Nonfat May 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0056 \$0.0041 Nonfat June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 Value 2019 \$0.0493 \$0.0087 \$0.0043 (\$0.0022) (\$0.0015) (\$0.0011) Value 2019 \$0.0123 \$0.0043 \$0.0022 \$0.0015 \$0.0011) Value 2019 \$0.0124 \$0.0043 \$0.0022 \$0.0015 \$0		July 2019	\$0.0095	\$0.0048	\$0.0024	\$0.0012	\$0.0008	\$0.0006
July 2019		May 2019	\$0.0606	\$0.0303	\$0.0152	\$0.0076	\$0.0051	\$0.0037
Lowfat May 2019 \$0.0632 \$0.0316 \$0.0158 \$0.0079 \$0.0053 \$0.0040 June 2019 \$0.0604 \$0.0302 \$0.0151 \$0.0076 \$0.0050 \$0.0037 July 2019 \$0.0665 \$0.0032 \$0.0016 \$0.0008 \$0.0005 \$0.0004 Nonfat May 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0056 \$0.0041 June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 July 2019 \$0.0173 \$0.0087 \$0.0043 \$0.0022 \$0.0015 \$0.0011 Class I Prices Skim Butterfat Adv Class IV Prices Skim \$7.05 May 2019 \$10.12 \$2.5585 \$7.02 \$7.05 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78	Reduced Fat	June 2019	\$0.0574	*	\$0.0143		\$0.0048	\$0.0036
Lowfat June 2019 \$0.0604 \$0.0302 \$0.0151 \$0.0076 \$0.0050 \$0.0037 July 2019 (\$0.0065) (\$0.0032) (\$0.0016) (\$0.0008) (\$0.0005) (\$0.0004) Nonfat May 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0056 \$0.0041 June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 July 2019 (\$0.0173) (\$0.0087) (\$0.0043) (\$0.0022) (\$0.0015) (\$0.0011) Class I Prices Skim Butterfat Adv Class IV Prices Skim \$7.05 May 2019 \$10.12 \$2.5585 \$7.02 \$7.05 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78		July 2019	(\$0.0005)	(\$0.0002)	(\$0.0001)	(\$0.0000)	(\$0.0001)	\$0.0000
July 2019 (\$0.0065) (\$0.0032) (\$0.0016) (\$0.0008) (\$0.0005) (\$0.0004) Nonfat May 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0056 \$0.0041 June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 July 2019 (\$0.0173) (\$0.0087) (\$0.0043) (\$0.0022) (\$0.0015) (\$0.0011) Class I Prices Skim Butterfat Adv Class IV Prices Skim \$7.05 April 2019 \$9.35 \$2.5829 \$7.05 \$7.05 May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78		May 2019		\$0.0316	\$0.0158	\$0.0079	\$0.0053	\$0.0040
Nonfat May 2019 \$0.0662 \$0.0331 \$0.0166 \$0.0083 \$0.0056 \$0.0041 June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 July 2019 \$0.0173 \$0.0087 \$0.0043 \$0.0022 \$0.0015 \$0.0011 Class I Prices Skim Butterfat Adv Class IV Prices Skim \$7.05 April 2019 \$9.35 \$2.5829 \$7.05 \$7.05 May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78	Lowfat	June 2019	\$0.0604	\$0.0302	\$0.0151	\$0.0076	\$0.0050	\$0.0037
Nonfat June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 July 2019 (\$0.0173) (\$0.0087) (\$0.0043) (\$0.0022) (\$0.0015) (\$0.0011) Class I Prices Skim Butterfat Adv Class IV Prices Skim \$7.05 April 2019 \$9.35 \$2.5829 \$7.05 \$7.02 May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78		July 2019	(\$0.0065)	(\$0.0032)	(\$0.0016)	(\$0.0008)	(\$0.0005)	(\$0.0004)
Nonfat June 2019 \$0.0493 \$0.0247 \$0.0123 \$0.0062 \$0.0041 \$0.0031 July 2019 (\$0.0173) (\$0.0087) (\$0.0043) (\$0.0022) (\$0.0015) (\$0.0011) Class I Prices Skim Butterfat Adv Class IV Prices Skim \$7.05 April 2019 \$9.35 \$2.5829 \$7.05 \$7.02 May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78		May 2019	\$0.0662	\$0.0331	\$0.0166	\$0.0083	\$0.0056	\$0.0041
July 2019 (\$0.0173) (\$0.0087) (\$0.0043) (\$0.0022) (\$0.0015) (\$0.0011) Class I Prices Skim Butterfat Adv Class IV Prices Skim April 2019 \$9.35 \$2.5829 \$7.05 May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78	Nonfat	•						
April 2019 \$9.35 \$2.5829 \$7.05 May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78		July 2019	(\$0.0173)	(\$0.0087)	(\$0.0043)	(\$0.0022)	(\$0.0015)	(\$0.0011)
April 2019 \$9.35 \$2.5829 \$7.05 May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78		Class I Prices	Skim	Butterfat	Adv Class IV Prices		Skim	
May 2019 \$10.12 \$2.5585 \$7.02 June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78								
June 2019 \$10.69 \$2.5864 \$7.56 July 2019 \$10.48 \$2.6759 \$7.78		•	•	•				
July 2019 \$10.48 \$2.6759 \$7.78		•					·	
	Conversion Factors							

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% X 0.04811)-(MSNF% X 0.38556)) X 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 included 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).