The Market Administrator's

Annual Statistical Bulletin

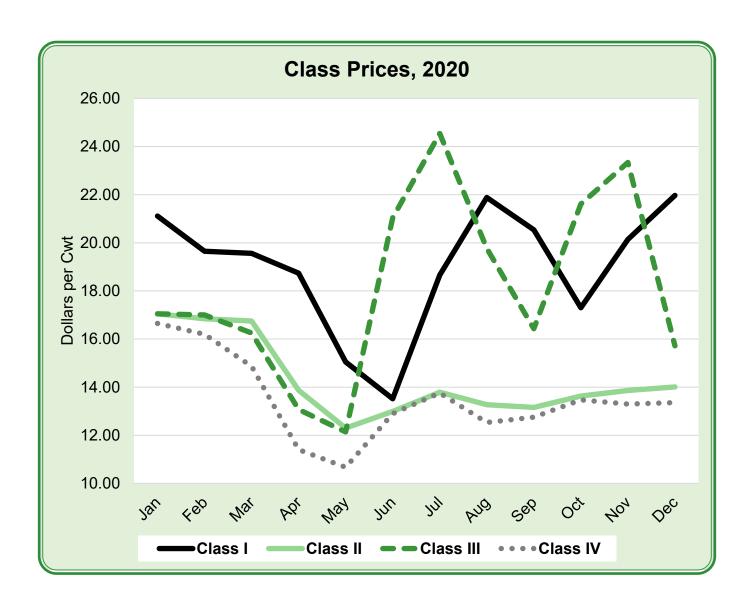
California Milk Marketing Area

Federal Order No. 51

Cary Hunter, Interim Market Administrator

Volume 2

2020



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California Federal Marketing Area – Federal Milk Order No. 51 2020 Annual Report

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Summary: 2020 Under the California Federal Marketing Order

This report provides data on the operations of the California Federal Marketing Order (CFMO) during 2020 through a series of tables and charts. The Bulletin Highlights section summarizes significant events and trends in the California dairy industry in 2020. Also included are lists of handlers operating in the marketing area and a map of their respective locations.

Order Volume Decreases

Milk received from CFMO producers totaled 23 billion pounds in 2020. The order volume decreased by 5.5 percent from 2019, accounting for the leap day. Along with the decrease in total pool volume from 2019 to 2020, the average number of pooled producers decreased by 137 to 843 producers. The average volume per producer was above 2.1 million pounds for every month of the year and peaked at 2.6 million pounds in January 2020. Average daily delivery per producer was just below 74,500 pounds, representing an increase of 10 percent from 2019.

Class Utilization Changes

As a share of average monthly pool utilization, Classes I and II remained relatively steady in 2020, decreasing by 0.09 and 0.01 percentage points from 2019, respectively. On average, Class I represented 22.3 percent of the pool each month, while Class II represented 6.6 percent. Adjusting for the leap day, average Class I pool volume decreased by nearly 4.1 percent and that of Class II decreased by almost 4.5 percent. Alternatively, classes III and IV displayed large shifts in pool utilization from 2019 to 2020. Class III average monthly pool utilization declined to 56.1 million pounds, a decrease of more than 91 percent from 2019, while that of Class IV rose to 1.31 billion pounds, an increase of 61.5 percent from the previous year (accounting for the leap day). These large shifts in utilization were also seen in the average share of pool volume; Class III decreased 27.5 percentage points to 2.6 percent of the pool, while Class IV increased 27.4 percentage points to 68.5 percent of the pool.

COVID-19 Impacted Prices

Markets faced price volatility throughout the year due to the Covid-19 pandemic. Supply and demand shocks impacted prices across the economy, challenging typical pricing relationships and norms. Dairy markets were not excluded from these impacts as logistical challenges, institutional shutdowns, and immediate food service closure brought a variety of effects to milk pricing.

Commodity Prices - National Dairy Product Sales Report (NDPSR) prices saw fluctuations from 2019 to 2020. The average butter price saw the largest change from the previous year, decreasing by roughly 66 cents to \$1.5808 per pound. The cheese price saw improvement from 2019, rising by 16.5 cents to an average of \$1.9236 per pound. The cheese price reached \$2.5873—a record high—in July and \$2.4535 per pound in November. The average dry whey price decreased by almost 2 cents to a 2020 average of \$0.3621 per pound, while the average nonfat dry milk price for the year remained relatively unchanged at \$1.0417. All NDPSR prices, except for the dry whey price, finished the year lower than January 2020.

Component Prices - The mixed movements in the commodity prices translated to mixed movements in the component prices. The protein price saw the biggest fluctuations from month to month of the component prices, hitting \$5.6294 per pound in July – the highest since 2000. The 2020 average protein price was \$3.7559 per pound, which is higher than that of 2019 by roughly \$1.38. The average butterfat price decreased more than 80 cents from 2019 to \$1.7067, and the average other solids price declined almost 2 cents to \$0.1678. The average nonfat solids price remained relatively steady from 2019 to 2020 at \$0.8651 per pound.

Class Prices - All class prices decreased from 2019 to 2020 except for Class III. The annual average Class I price saw the smallest change from the previous year, decreasing by 8 cents to \$19.01 per hundredweight (cwt). The Class II and IV prices saw the largest declines from 2019 to 2020; Class II decreased \$2.47 to average \$14.29 per cwt, and Class IV lost \$2.81 to average \$13.49 per cwt. Strength in the cheese and protein prices, especially in July and November, led to an average Class III price of \$18.16 per cwt—a \$1.20 improvement from 2019. Overall, the 2020 average CFMO Statistical Uniform Price (SUP) was \$14.57 per cwt, a reduction of \$2.23 from 2019.

Producer Tests

The annual average producer tests for 2020 saw small changes from the prior year. The annual average producer butterfat test was 3.86 percent, up just 0.01 percentage points from 2019. The annual average producer protein test for 2020 decreased by 0.02 percentage points to 3.19 percent. The annual average other solids test remained unchanged at 5.75 percent. 1

California Order Plant and Handler List, 2020

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N _o v	Dec
Pool Distributing Plants - Sec 1051.7 (a) or (b) or (d)) or (b) or (d)												
Alexandre Family Creamery	San Leandro, CA	×	×	×	×	×	×	×	×	×	×	×	×
Alta Dena Certified Dairy (COI- North)	City Of Industry, CA					×	×	×	×	×	×	×	×
Alta Dena North (DIP)	City Of Industry, CA	×	×	×	×								
Alta Dena South (COI- South)	City Of Industry, CA					×	×	×	×	×	×	×	×
Alta Dena South (DIP)	City Of Industry, CA	×	×	×	×								
Berkeley Farms, Inc. (DIP)	Hayward, CA	×	×	×	×								
California Natural Products	Lathrop, CA	×	×	×	×	×	×					×	×
Clover-Stornetta Farms	Petaluma, CA	×	×	×	×	×	×	×	×	×	×	×	×
Driftwood Dairy, Inc.	El Monte, CA	×	×	×	×	×	×	×	×	×	×	×	×
Foster Farms	Modesto, CA	×	×	×	×	×	×	×	×	×	×	×	×
Hollandia Dairy, Inc.	San Marcos, CA	×	×	×	×	×	×	×	×	×	×	×	×
HP Hood LLC	Sacramento, CA	×	×	×	×	×	×	×	×	×	×	×	×
Kroger Compton Creamery	Compton, CA	×	×	×	×	×	×	×	×	×	×	×	×
Kroger Riverside Creamery	Riverside, CA	×	×	×	×	×	×	×	×	×	×	×	×
Model Dairy - Producers	Reno, NV					×	×	×	×	×	×	×	×
Ninth Avenue Foods	City Of Industry, CA	×	×	×	×	×	×	×	×	×	×	×	×
Producers Dairy Foods, Inc.	Fairfield, CA	×	×	×	×	×	×	×	×	×	×	×	×
Producers Dairy Foods, Inc.	Fresno, CA	×	×	×	×	×	×	×	×	×	×	×	×
Rex Creamery	City Of Commerce, CA				×							×	×
Rockview Dairies, Inc.	Downey, CA	×	×	×	×	×	×	×	×	×	×	×	×
Rosa Brothers Milk Co.	Tulare, CA	×	×	×	×	×	×	×	×	×	×	×	×
Safeway Inc. Milk Department	San Leandro, CA	×	×	×	×	×	×	×	×	×	×	×	×
Safeway-Jerseymaid	City Of Commerce, CA	×	×	×	×	×	×	×	×	×	×	×	×
Saputo Dairy Foods USA, LLC	Gustine, CA	×	×	×	×	×	×	×	×	×	×	×	×
Straus Family Creamery	Marshall, CA	×	×	×	×	×	×	×	×	×	×	×	×
Stremicks Heritage Foods	Santa Ana, CA	×	×	×	×	×	×	×	×	×	×	×	×
WhiteWave Foods	City Of Industry, CA	×	×	×	×	×	×	×	×	×	×	×	×

California Order Plant and Handler List, 2020 (continued)

		Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooperatives Qualifying as Pool Handlers - Sec 1000.9(c)	s - Sec 1000.9(c)												
California Dairies, Inc.	Visalia, CA	×	×	×	×	×	×	×	×	×	×	×	×
CROPP Coop	LaFarge, WI	×	×	×	×	×	×	×	×	×	×	×	×
Dairy Farmers of America, Inc.	Corona, CA	×	×	×	×	×	×	×	×	×	×	×	×
Legacy Milk Cooperative	Turlock, CA	×	×	×	×	×	×	×	×	×	×	×	×
National Farmers Organization	Ames, IA						×	×	×	×	×	×	×
Northwest Dairy Association	Seattle, WA											×	×
Organic Family Farms	Santa Fe, NM	×	×	×	×	×	×	×	×	×	×	×	×
Pacific Gold Milk Producers, Inc.	Ripon, CA	×	×	×	×	×	×	×	×	×	×	×	×
The Dairy Group, Inc.	Chino, CA	×	×	×	×	×	×	×	×	×	×	×	×
United Dairymen of Arizona	Tempe, AZ	×	×	×	×	×	×	×	×	×	×	×	×
Western Organic Family Farms Ferndale, C	Ferndale, CA	×		×	×								
Anderson Dairy, Inc.	Las Vegas, NV	×	×	×	×	×	×	×	×	×	×	×	×
Aurora Organic Dairy	Columbia, MO	×	×	×	×	×	×	×	×	×	×	×	×
Darigold, Inc.	Boise, ID	×	×	×	×	×	×		×	×	×	×	×
Farmdale Creamery, Inc.	San Bernardino, CA	×	×	×		×	×	×	×	×	×	×	×
Gossner Foods, Inc.	Logan, UT	×	×	×	×	×	×	×	×	×	×	×	×
Model Dairy (DIP)	Reno, NV	×	×	×	×								
Saputo Dairy Foods USA, LLC	Murray, KY			×								×	×
Saputo Dairy Foods USA, LLC	White Bear Lake, MN	×		×		×	×	×	×	×	×	×	×
Scott Brothers Dairy	Chino, CA	×										×	×
Western Quality Food Products	Cedar City, UT	×								×	×	×	×
WhiteWave Foods	Mount Crawford, VA	×	×	×	×	×	×	×	×	×	×	×	×
WWF Operating Company	Salt Lake City, UT	×	×	×	×	×	×	×	×	×	×	×	×
Producer Handler Plants - Sec 1051.10													
Organic Pastures Dairy	Fresno, CA	×	×	×	×	×	×	×	×	×	×	×	×

Dec

No V

Oct

California Order Plant and Handler List, 2020 (continued)

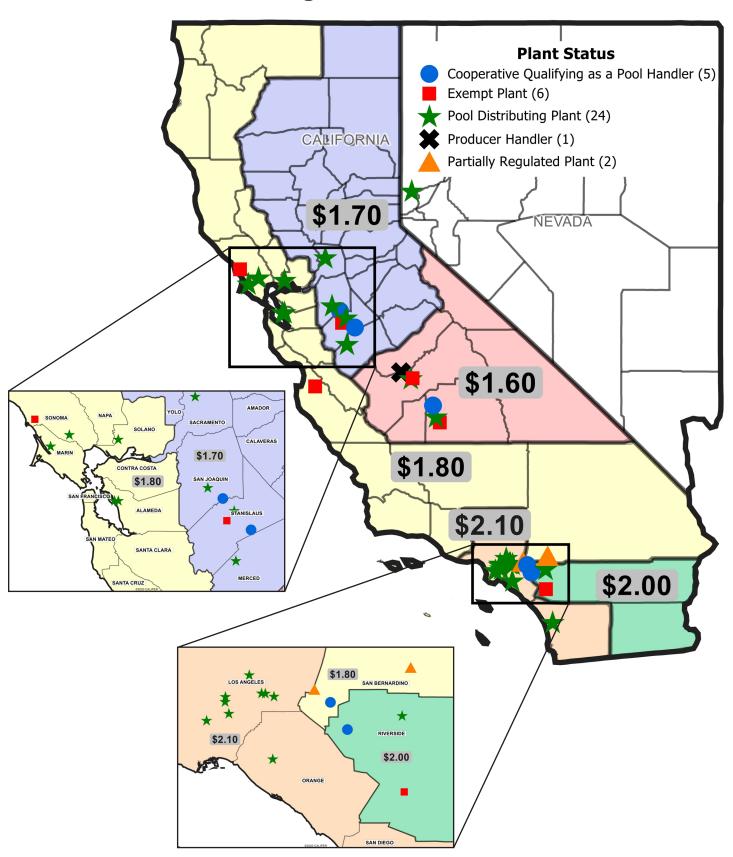
Mar

Feb

Jan

Exempt Plants - Sec 1000.8(e)							•)				
California Natural Products		Lathrop, CA							×			×		
CSU Fresno Ag Foundation		Fresno, CA			×	×	×			×	×	×	×	×
De Jong's Dairy		Wildomar, CA	×	×		×	×	×	×	×	×	×	×	×
Farmdale Creamery, Inc.		San Bernardino, CA				×								
Nutcher Milk Company LLC		Modesto, CA	×	×	×	×	×	×	×	×	×	×	×	×
Saint Benoit Yogurt		Bodega, CA	×	×	×	×	×	×	×	×	×	×	×	×
Schaefer Avenue Creamery		Ontario, CA	×	×	×	×		×						
Schoch Family Farmstead, Inc.		Salinas, CA	×	×	×	×	×	×	×	×	×	×	×	×
Scott Brothers Dairy		Chino, CA		×	×	×	×	×	×	×	×	×		
Top O The Morn Farms, Inc.		Tulare, CA	×	×	×	×	×	×	×	×	×	×	×	×
Western Quality Food Products		Cedar City, UT		×	×	×	×	×	×	×				
Other Federal Order Distributing Plants with Route Sales into the	Plants w		California	a Marketing	ing Are≀	_								
Agropur, Inc.	F.O. 33	Grand Rapids, MI	×	×	×	×	×	×	×	×	×	×	×	×
Borden Dairy of Kentucky (DIP) F.	F.O. 5	London, KY						×						
Aurora Organic Dairy F.	F.O. 32	Platteville, CO	×	×	×	×	×	×	×	×	×	×	×	×
C. F. Burger Creamery F.	F.O. 33	Detroit, MI		×								×		
Darigold, Inc.	F.O. 124	Boise, ID							×					
Darigold, Inc.	F.O. 124	Portland, OR	×	×	×	×	×	×	×	×	×	×	×	×
Darigold, Inc.	F.O. 124	Seattle, WA	×	×	×	×	×	×	×	×	×	×	×	×
Fairlife, LLC F.	F.O. 33	Coopersville, MI	×	×	×	×	×	×	×	×	×	×	×	×
Farmers All Natural Creamery F.	F.O. 32	Wellman, IA			×	×	×	×	×	×	×	×	×	×
GH Dairy Inc.	F.O. 126	El Paso, TX				×								
GH Processing F.	F.O. 131	Yuma, AZ	×	×	×	×	×	×	×	×	×	×	×	×
Jackson Dairy F.	F.O. 32	Hutchinson, KS	×	×	×	×	×	×	×	×	×	×	×	×
Kroger Mountain View Foods F.	F.O. 32	Denver, CO	×	×	×	×	×	×	×	×	×	×	×	×
Nestle USA, Inc F.	F.O. 33	Anderson, IN	×	×	×	×	×	×	×	×	×	×	×	×
New Dairy Kentucky, LLC F.	F.O. 5	London, KY							×	×				
Saputo Dairy Foods USA, LLC F.	F.O. 1	Delhi, NY											×	×
Saputo Dairy Foods USA, LLC F.	F.O. 126	Sulphur Springs, TX	×	×	×	×	×	×	×	×				
Saputo Dairy Foods USA, LLC F.	F.O. 30	White Bear Lake, MN		×		×								
Shamrock Foods Company F.	F.O. 131	Phoenix, AZ	×	×	×	×	×	×	×	×	×	×	×	×
Smith Foods, Inc.	F.O. 33	Richmond, IN	×	×	×	×	×	×	×	×	×	×	×	×
Solutions	F.O. 30	Saint Paul, MN										×		
WhiteWave Foods F.	F.O. 126	Dallas, TX			×		×				×	×		
1														

California Marketing Area Pool Handler Locations*



Bulletin Highlights – 2020

January

January's issue of the *Bulletin* examined pooled milk receipts in that month by location differential in the California Federal Marketing Order (CFMO), noting the share of receipts by class in each differential. The share of Class I and II receipts was larger in the higher differential zones while that of Class III and IV was higher in the lower differential zones.

Another topic discussed was the dynamics of depooling in Federal Orders (FOs) and the large quantity of Class III milk returning to the pool in January 2020.

February

In February, the *Bulletin* discussed commodity component prices as surveyed in the National Dairy Products Sales Report (NDPSR), which are inputs to FO price formulas. Additionally, ND-PSR prices were compared to Chicago Mercantile Exchange (CME) commodity prices.

The issue also featured a map of pooled milk production in California by county, noting the high concentration of milk production in the Central Valley.

March

March's *Bulletin* noted the effects of COVID-19 on dairy demand and pool utilization. Among the effects were a 13 percent jump in Class I receipts, on a daily average basis, from the month prior and sharp increases in Class IV utilization.

The *Bulletin* also featured a forecast based on CME Class III and IV futures, highlighting the impact of COVID-19 on expected prices.

Temporary dump milk measures enacted in FOs to help processors and producers cope with the adverse effects associated with the pandemic were also discussed.

Lastly, March's issue included USDA's announcement of the Coronavirus Food Assistance Program and its major elements. The program authorized \$16 billion in direct support to farmers and ranchers.

April

In April, the *Bulletin* examined fluid milk sales during COVID-19 and the shelter-in-place regulations enacted to counter the virus. Sales in March were up sharply although not across all catego-

ries. April's sales were lower on a daily average basis.

April's *Bulletin* also noted the return of some optimism to CME Class III and IV futures with a chart comparing the estimated CFMO Statistical Uniform Price (SUP) at various points in the pandemic's initial stages.

Milk dumped in April was also discussed. Dumped milk represented less than one percent of April's total pool utilization.

May

May's issue of the *Bulletin* noted milk production trends in the United States and in California with special attention to herd size and milk production per cow.

In May, the *Bulletin* also examined the volatility in dairy prices induced by the pandemic and its relation to producer milk checks, Producer Price Differentials (PPDs), and expected prices for the rest of the year.

June

As June posted an unprecedented negative PPD of less than -\$7.00 per cwt, the *Bulletin* examined PPD's in depth and cited factors contributing to June's PPD and negative PPDs in general.

The issue also depicted the extreme price increases in cheese prices from May to June and their relation to FO price dynamics and PPDs.

July

July's *Bulletin* analyzed the component share of gross payment to producers, specifically the large share of value generated by protein due to record-high prices.

The issue also noted the differences between true protein—protein only from nitrogen sources—and total protein—including non-protein nitrogen sources. FO 51 utilizes true protein as the basis for the protein value in producer milk; the California State Order, on the other hand, used total protein.

August

In August, the *Bulletin* focused on sales of fluid milk products in California by product and distribution channel in November 2019. Notably, supermarket chains accounted for almost 27 percent of reported sales in the California Marketing Area, more than any other distribution channel.

Bulletin Highlights – 2020 (continued)

The most distributed product was whole milk sold in plastic gallons, accounting for more than 16 percent of the fluid market.

The August issue also examined mailbox prices in FO 51 and other orders as well as how they compare to the FO 51 SUP.

September

September's iteration of the *Bulletin* presented a forecast for the FO 51 SUP and dairy product prices based on CME futures, noting factors likely to affect each price series.

Class I trends in 2020 were compared to 2019 with specific focus directed towards the role of schools in fluid milk demand and how sales of certain products faired under school closures and other demand shocks in fall 2020.

October

October's *Bulletin* featured information on US-DA's Dairy Margin Coverage Program for 2021. More than 1,200 dairy farms in California were enrolled in 2020 and 2021 at that time.

October's issue also examined FO 51 pooled butterfat tests in five geographic regions in California: Northern, Coast, Sacramento Valley, San Joaquin Valley, and Southern. The Northern and Coast regions posted the highest butterfat tests, while the San Joaquin Valley's butterfat tests most closely aligned to that of the entire FO 51 pool.

November

In November, the FO 51 *Bulletin* featured a detailed SUP forecast for the first quarter of 2021. The forecast examined cost factors including feed prices and diesel prices; supply factors such as herd size and milk production; and demand factors like restaurant demand and export markets. USDA projections for the all-milk price, export volumes, and milk production were also mentioned.

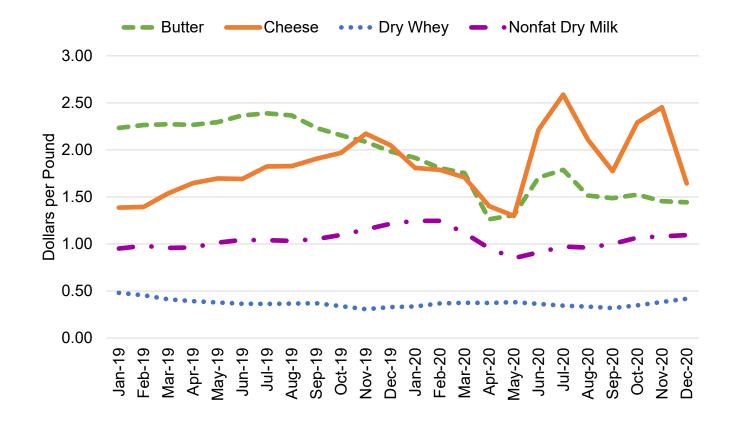
December

December's issue included a year-in-review under the CFMO, highlighting the SUP, record cheese and protein prices, and depooling in 2020. 2020's volatility in the SUP was illustrated and compared to 2019.

Lastly, the *Bulletin* featured the announcement of the fifth round of the USDA Farmers to Families Food Box Program.

National Dairy Product Sales Report Weighted Average Prices, 2019-2020

	Butter Price	Cheese Price	Dry Whey Price	Nonfat Dry Milk Price
			\$/Ib	
January –	1.9153	1.8092	0.3367	1.2451
February	1.8076	1.7884	0.3690	1.2453
March	1.7551	1.7091	0.3748	1.1160
April	1.2630	1.4026	0.3732	0.9552
May	1.3074	1.2990	0.3818	0.8492
June	1.7067	2.2152	0.3638	0.9106
July	1.7886	2.5873	0.3440	0.9717
August	1.5154	2.1099	0.3338	0.9619
September	1.4871	1.7741	0.3196	1.0014
October	1.5248	2.2921	0.3480	1.0670
November	1.4558	2.4535	0.3830	1.0816
December	1.4431	1.6433	0.4171	1.0951
2020 Average	1.5808	1.9236	0.3621	1.0417
2019 Average	2.2431	1.7586	0.3799	1.0419



Class I and Advanced Prices at Los Angeles County, California, 2019-2020

	Advan	ced Pricing F	actors		Class I Price	
	Butterfat	Class III Skim Milk	Class IV Skim Milk	Skim	Butterfat	Class I Price*
	\$/lb	\$/cwt	\$/cwt	\$/cwt	\$/lb	\$/cwt
January	2.2015	12.65	9.28	13.81	2.2225	21.11
February	2.1309	9.90	9.54	12.56	2.1519	19.65
March	2.0057	10.47	9.68	12.92	2.0267	19.56
April	1.9439	10.04	8.85	12.29	1.9649	18.74
May	1.2948	8.93	7.03	10.82	1.3158	15.05
June	1.3107	6.68	5.99	9.18	1.3317	13.52
July	1.8023	13.29	6.46	12.72	1.8233	18.66
August	1.9743	18.08	7.12	15.44	1.9953	21.88
September	1.6775	17.43	7.13	15.12	1.6985	20.54
October	1.5933	11.01	7.45	12.07	1.6143	17.30
November	1.6316	16.07	8.00	14.88	1.6526	20.14
December	1.5756	20.07	8.21	16.98	1.5966	21.97
2020 Average	1.7618	12.89	7.90	13.23	1.7828	19.01
2019 Average	2.5407	7.78	7.54	10.49	2.5617	19.09



^{*}Excludes \$0.20 processor assessment, measured at 3.5% butterfat

**New Class I formula effective May 1, 2019

Class II Prices, 2019-2020

	Butterfat	Nonfat Solids	Skim	Class II Price*
	S	\$/lb	Ş	\$/cwt
January -	2.1187	1.1089	9.98	17.05
February	1.9883	1.1378	10.24	16.84
March	1.9247	1.1533	10.38	16.75
April	1.3288	1.0611	9.55	13.87
May	1.3826	0.8589	7.73	12.30
June	1.8661	0.7433	6.69	12.99
July	1.9653	0.7956	7.16	13.79
August	1.6345	0.8689	7.82	13.27
September	1.6002	0.8700	7.83	13.16
October	1.6458	0.9056	8.15	13.63
November	1.5623	0.9667	8.70	13.86
December	1.5469	0.9900	8.91	14.01
2020 Average	1.7137	0.9550	8.60	14.29
2019 Average	2.5158	0.9157	8.24	16.76



^{*}Class II prices reported at 3.5% butterfat

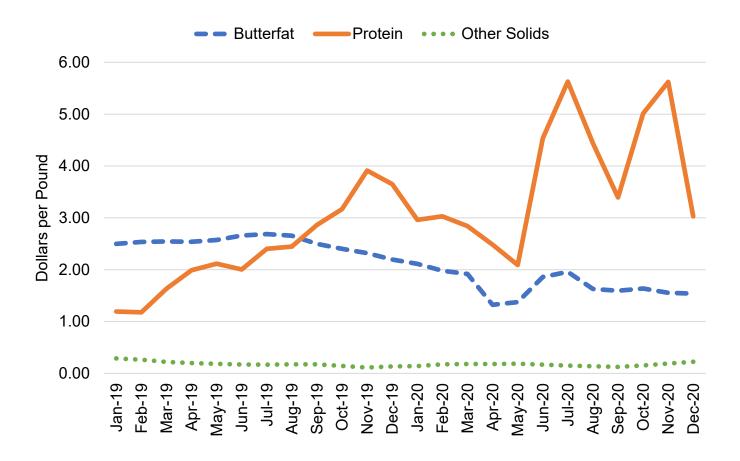
Class III Prices, 2019-2020

	Butterfat	Protein	Other Solids	Skim	Class III Price*
		\$/lb		Ş	5/cwt
January -	2.1117	2.9606	0.1417	10.01	17.05
February	1.9813	3.0309	0.1750	10.43	17.00
March	1.9177	2.8424	0.1810	9.88	16.25
April	1.3218	2.4822	0.1793	8.75	13.07
May	1.3756	2.0918	0.1882	7.59	12.14
June	1.8591	4.5349	0.1696	15.06	21.04
July	1.9583	5.6294	0.1492	18.33	24.54
August	1.6275	4.4394	0.1387	14.58	19.77
September	1.5932	3.3935	0.1241	11.25	16.43
October	1.6388	5.0146	0.1534	16.45	21.61
November	1.5553	5.6226	0.1894	18.55	23.34
December	1.5399	3.0282	0.2245	10.71	15.72
2020 Average	1.7067	3.7559	0.1678	12.63	18.16
2019 Average	2.5088	2.3796	0.1862	8.48	16.96



^{*}Class III prices reported at 3.5% butterfat

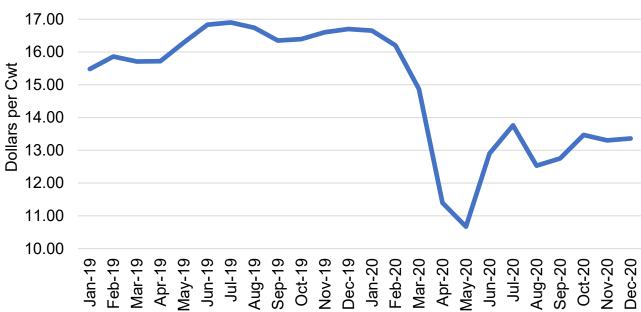
Class III Component Prices, 2019-2020



Class IV Prices, 2019-2020

	Butterfat	Nonfat Solids	Skim	Class IV Price*
	Ş	\$/lb		\$/cwt
January ⁻	2.1117	1.0665	9.60	16.65
February	1.9813	1.0667	9.60	16.20
March	1.9177	0.9387	8.45	14.87
April	1.3218	0.7795	7.02	11.40
May	1.3756	0.6746	6.07	10.67
June	1.8591	0.7354	6.62	12.90
July	1.9583	0.7959	7.16	13.76
August	1.6275	0.7862	7.08	12.53
September	1.5932	0.8253	7.43	12.75
October	1.6388	0.8902	8.01	13.47
November	1.5553	0.9047	8.14	13.30
December	1.5399	0.9180	8.26	13.36
2020 Average	1.7067	0.8651	7.79	13.49
2019 Average	2.5088	0.8654	7.79	16.30





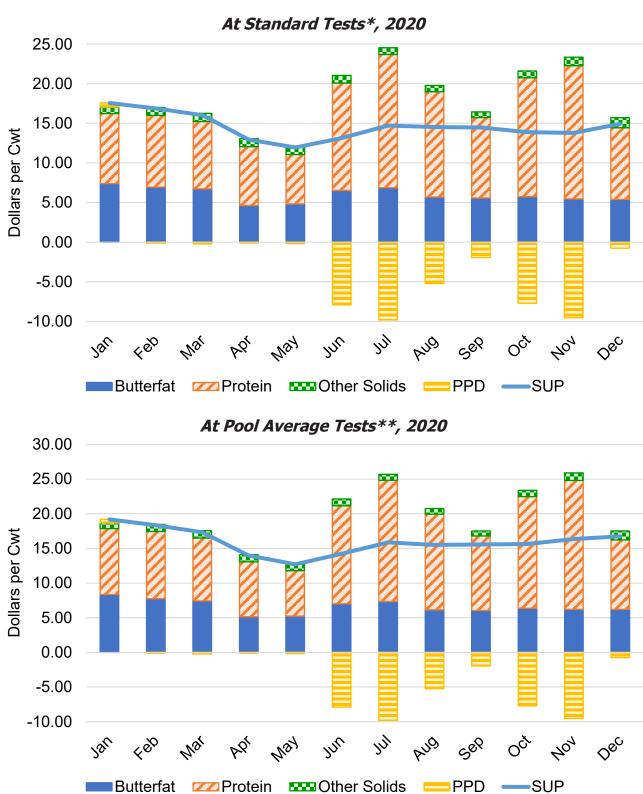
^{*}Class IV prices reported at 3.5% butterfat

Producer Prices at Los Angeles County, California, 2019-2020

	Producer Price Differential	Statistical Uniform Price (Standard Tests)*	Statistical Uniform Price (Pool Average Tests)**	Butterfat	Protein	Other Solids
		\$/cwt			\$/lb	
January	0.51	17.56	19.19	2.1117	2.9606	0.1417
February	-0.12	16.88	18.33	1.9813	3.0309	0.1750
March	-0.23	16.02	17.32	1.9177	2.8424	0.1810
April	-0.13	12.94	13.97	1.3218	2.4822	0.1793
May	-0.19	11.95	12.69	1.3756	2.0918	0.1882
June	-7.91	13.13	14.22	1.8591	4.5349	0.1696
July	-9.82	14.72	15.87	1.9583	5.6294	0.1492
August	-5.24	14.53	15.50	1.6275	4.4394	0.1387
September	-1.96	14.47	15.56	1.5932	3.3935	0.1241
October	-7.73	13.88	15.64	1.6388	5.0146	0.1534
November	-9.55	13.79	16.34	1.5553	5.6226	0.1894
December	-0.78	14.94	16.73	1.5399	3.0282	0.2245
2020 Average	-3.60	14.57	15.95	1.7067	3.7559	0.1678
2019 Average	-0.16	16.80	18.22	2.5088	2.3796	0.1862

^{*}Reported at 3.5 percent butterfat, 2.99 percent protein, and 5.69 percent other solids. **Reported at the monthly pool average component tests.

Contribution of Components to Statistical Uniform Price (SUP),

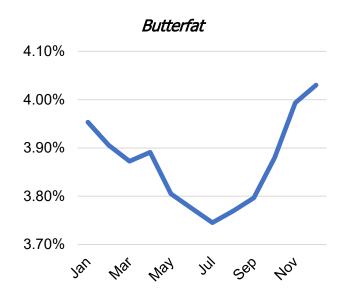


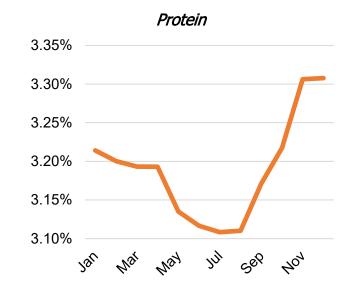
^{*}Reported at 3.5 percent butterfat, 2.99 percent protein, and 5.69 percent other solids. **Reported at the monthly pool average component tests.

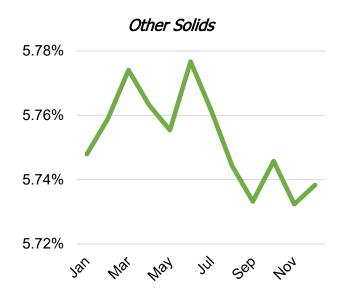
Monthly Average Pool Tests of Producer Milk, 2020

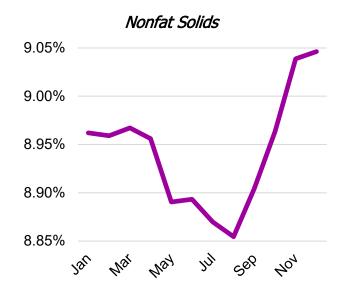
	Butterfat	Protein	Other Solids	Nonfat Solids
January	3.95%	3.21%	5.75%	8.96%
February	3.91%	3.20%	5.76%	8.96%
March	3.87%	3.19%	5.77%	8.97%
April	3.89%	3.19%	5.76%	8.96%
May	3.80%	3.14%	5.76%	8.89%
June	3.78%	3.12%	5.78%	8.89%
July	3.75%	3.11%	5.76%	8.87%
August	3.77%	3.11%	5.74%	8.85%
September	3.80%	3.17%	5.73%	8.90%
October	3.88%	3.22%	5.75%	8.96%
November	3.99%	3.31%	5.73%	9.04%
December	4.03%	3.31%	5.74%	9.05%
2020 Average	3.87%	3.19%	5.75%	8.94%
2019 Average	3.86%	3.21%	5.75%	8.96%

Monthly Average Pool Tests of Producer Milk, 2020 (continued)







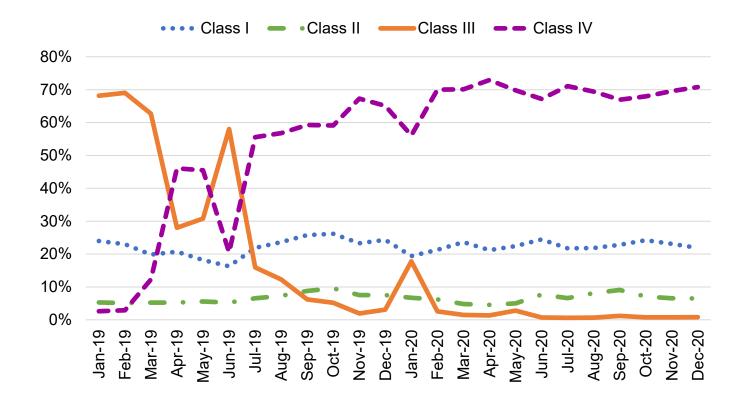


Computation of Annual Weighted Average Price for Pooled Producer Milk, 2020

	Product Pounds	С	omponent Value	Total Value
Class I— Skim	4,994,536,521		\$660,924,325.25	
Butterfat	123,428,574		219,661,110.07	
Less: Location Adjustment to Handlers			(10,194,125.36)	\$870,391,309.96
Class II— Butterfat	160,301,009		276,629,293.86	
Nonfat Solids	124,446,750		118,103,821.76	394,733,115.62
Class III— Butterfat	35,014,080		64,859,173.50	
Protein	21,548,856		65,925,382.52	
Other Solids	38,187,208		5,879,340.58	136,663,896.60
Class IV— Butterfat	571,914,714		974,722,812.46	
Nonfat Solids	1,408,831,309		1,221,316,360.43	2,196,039,172.89
Total Classified Value	To	tal value of n	nilk in the pool	\$3,597,827,495.07
Add: Overage—All Classes				746,056.59
Inventory Reclassification—All Class	es			588,202.11
Other Source Receipts	514,558			13,050.61
Total Pool Value				\$3,599,174,804.38
Less: Value of Producer Butterfat			(1,525,584,704.43)	
Value of Producer Protein			(2,722,792,309.40)	
Value of Producer Other Solids			(222,327,625.61)	(4,470,704,639.44)
Total PPD Value Before Adjustments	Total Class III val	ue of produc	er components /	(\$871,529,835.06)
Add: Location Adjustment to Producers				88,188,535.52
One-half Unobligated Balance—Proc	lucer Settlement Fund		Value	9,653,286.53
Less: Producer Settlement Fund—Reserve	•		from which	(10,084,770.75)
Total Pool Milk & PPD Value	23,004,982,392		PPD per hundredweight	(\$783,772,783.76)
Producer Price Differential		\$(3.41)	is calculated	,
Statistical Uniform Price*		\$14.64	Calculated using	tho
* Price at 3.5 percent butterfat, 2.99 percent prot	oin and 5.60 percent at		2020 weighted av	
Frice at 3.5 percent butteriat, 2.99 percent prof	ein, and 5.09 percent of	ilei solius.	Class III price\$1	18.05
			per cwtand to weighted average	
			weighted average	TTD.

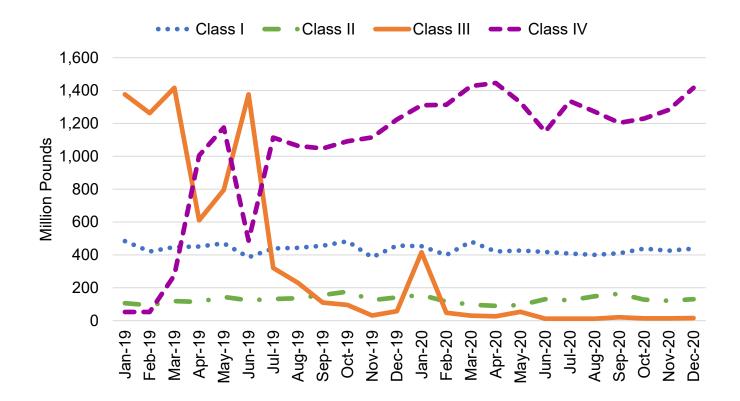
Share of Monthly Pool Utilization by Class, 2019-2020

	Class I	Class II	Class III	Class IV
January	19.4%	6.7%	17.8%	56.1%
February	21.3%	6.2%	2.5%	70.0%
March	23.6%	4.8%	1.5%	70.1%
April	21.2%	4.5%	1.3%	72.9%
May	22.4%	5.0%	2.8%	69.8%
June	24.4%	7.7%	0.7%	67.2%
July	21.7%	6.6%	0.6%	71.1%
August	21.8%	8.1%	0.7%	69.4%
September	22.8%	9.1%	1.2%	67.0%
October	24.2%	7.1%	0.8%	68.0%
November	23.1%	6.6%	0.7%	69.6%
December	21.9%	6.5%	0.8%	70.8%
2020 Average	22.3%	6.6%	2.6%	68.5%
2019 Average	22.2%	6.6%	30.1%	41.1%



Monthly Pool Utilization by Class, 2019-2020

	Class I	Class II	Class III	Class IV
		millio	n lbs	
_ January	452.81	156.38	415.72	1,310.41
February	399.56	116.03	47.57	1,313.52
March	481.01	97.64	30.21	1,427.44
April	420.40	89.76	26.27	1,445.32
May	426.27	94.67	53.38	1,327.41
June	418.10	131.06	11.98	1,149.95
July	408.00	124.17	11.49	1,335.72
August	400.04	148.12	12.02	1,271.43
September	409.47	163.49	21.08	1,203.49
October	438.29	127.75	13.63	1,229.02
November	425.81	121.01	13.79	1,282.51
December	438.20	130.21	16.13	1,416.73
2020 Average	426.50	125.02	56.11	1,309.41
2019 Average	443.44	130.49	640.22	808.50



Receipts of Producer Milk by Location Differential, 2020

Location Differential	Class I	Class II	Class III	Class IV
		millio	n lbs	
\$1.60	645.13	213.47	270.66	9,746.38
\$1.70	974.99	504.55	306.49	5,624.39
\$1.80	974.68	193.91	20.11	165.89
\$1.90	R	R	R	R
\$2.00	R	R	R	F
\$2.10	2,378.70	552.30	75.33	167.56
Other*	144.47	36.06	0.67	8.72
2020 Total	5,117.97	1,500.29	673.27	15,712.95
2019 Total	5,321.28	1,565.87	7,682.68	9,702.06
0,000 ——— 9,000 ———	■\$1.60 □ \$1.	70 ᠍\$1.80 ▮	\$2.10	
8,000				
7,000				
6,000				
5,000				
4,000				
3,000				
2,000				
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0	/ 1000 =	/ / =		

Class III

Class II

Class I

Class IV

^{*}Other includes receipts from differentials outside the marketing area and from differentials listed as restricted. Differentials with restricted data are noted with an "R".

Class I Route Sales by Handlers Not Fully Regulated Under the California Order, 2019-2020

	Order No. 32 Central	Order No. 33 Mideast	All Other Orders*	Exempt Plants	Partially Regulated Plants	Total
			lbs			
January	7,802,596	5,113,779	15,398,363	391,366	7,528,256	36,234,360
February	8,264,648	4,968,726	14,053,541	524,199	6,719,056	34,530,170
March	10,080,346	5,155,368	17,384,814	527,357	7,586,563	40,734,448
April	8,659,354	5,491,246	17,095,544	629,591	6,305,954	38,181,689
May	10,774,160	5,578,643	18,692,630	640,317	5,347,037	41,032,787
June	9,925,195	4,207,799	16,758,023	589,202	6,876,925	38,357,144
July	10,367,892	3,730,504	18,501,947	609,160	7,386,318	40,595,821
August	10,114,062	3,610,313	17,403,516	602,131	5,527,788	37,257,810
September	9,765,743	4,060,563	17,127,638	510,645	6,023,297	37,487,886
October	10,416,925	3,609,082	20,079,351	582,317	7,191,063	41,878,738
November	10,634,938	2,936,740	19,312,874	428,697	6,066,369	39,379,618
December	10,841,818	3,400,259	22,387,764	474,051	5,566,704	42,670,596
2020 Total	117,647,677	51,863,022	214,196,005	6,509,033	78,125,330	468,341,067
2019 Total	62,064,449	62,307,248	198,227,857	6,894,121	56,150,692	385,644,367

^{*}All Other Orders includes Order No. 1-Northeast, No. 5-Appalachian, No. 30-Upper Midwest, No. 124-Pacific Northwest, No. 126-Southwest, No. 131-Arizona, and Producer Handler plants.

Conventional Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2020

	Whole Milk	2% Reduced Fat ¹	1% Low Fat ¹	Fat Free ¹	Flavored Products ³	Lactose- Free ⁴	Other ⁵
				million lbs			
January	140.77	129.92	48.22	21.31	24.35	11.88	4.72
February	126.73	115.86	42.95	19.35	23.89	10.95	4.23
March	156.68	143.08	50.85	18.68	19.36	14.67	3.46
April	139.64	122.54	47.89	15.33	13.02	18.12	3.26
May	139.80	121.36	47.87	16.38	12.00	15.42	3.61
June	143.16	116.04	42.07	15.73	10.00	14.67	3.79
July	138.86	119.17	41.22	15.84	9.46	13.77	3.87
August	134.92	116.57	40.47	15.88	10.04	16.34	4.12
September	133.18	120.58	43.77	15.25	12.80	14.37	4.48
October	133.83	133.60	46.02	15.93	13.59	15.02	6.49
November	134.88	124.82	43.66	15.79	11.11	11.99	10.17
December	139.76	126.81	44.42	16.28	10.08	17.48	10.19
2020 Total ²	1,662.21	1,490.34	539.41	201.74	169.68	174.67	62.37
2019 Total ²	1,774.66	1,536.74	565.17	269.62	266.62	166.32	58.29

¹Includes fortified products. ²Total monthly volume utilized by Federal Order 51 pool plants.

³Includes flavored milk and flavored drink.

⁴Includes all lactose-free products regardless of fat content. ⁵Includes buttermilk and eggnog.

Organic Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2020

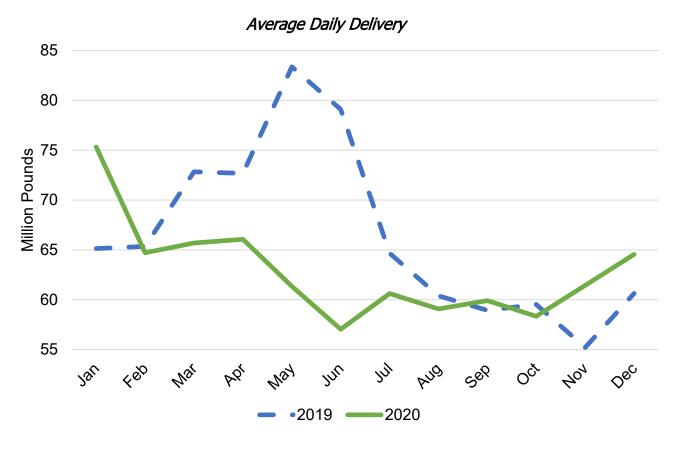
	Whole Milk	2% Reduced Fat	1% Low Fat	Fat Free	Flavored Products**
			million lbs		
January	13.93	12.84	2.50	1.64	0.82
February	12.80	11.56	2.14	1.68	0.28
March	14.65	13.21	2.71	1.78	0.70
April	15.48	12.09	2.91	1.95	0.86
May	14.47	14.33	2.55	1.32	0.36
June	13.63	14.30	2.41	1.64	0.34
July	14.81	14.68	2.45	1.57	0.31
August	13.38	13.60	2.28	1.46	0.39
September	13.98	13.79	2.41	1.57	0.42
October	14.55	14.30	2.39	1.58	0.54
November	13.95	13.97	2.35	1.49	0.49
December	16.33	15.61	2.55	1.64	0.46
2020 Total*	171.96	164.28	29.64	19.31	5.98
2019 Total*	169.75	147.05	33.09	15.79	12.75

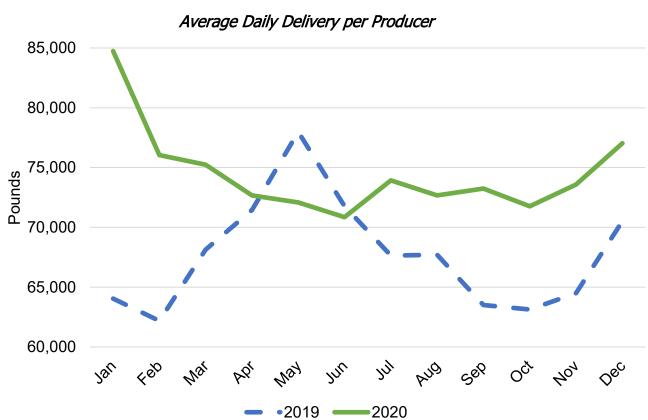
^{*}Total monthly volume utilized by Federal Order 51 Pool Plants. **Includes both whole and reduced fat flavored products.

Average Daily Delivery of Producer Milk, 2019-2020

	Avg. Daily Delivery	Avg. Daily Delivery per Producer
		lbs
 January	75,333,184	84,739
February	64,713,128	76,044
March	65,687,037	75,243
April	66,058,231	72,671
May	61,345,909	72,087
June	57,036,344	70,853
July	60,625,196	73,933
August	59,084,137	72,674
September	59,917,547	73,249
October	58,344,968	71,765
November	61,437,334	73,578
December	64,557,100	77,037
2020 Average	62,845,010	74,489
2019 Average	66,488,950	67,718

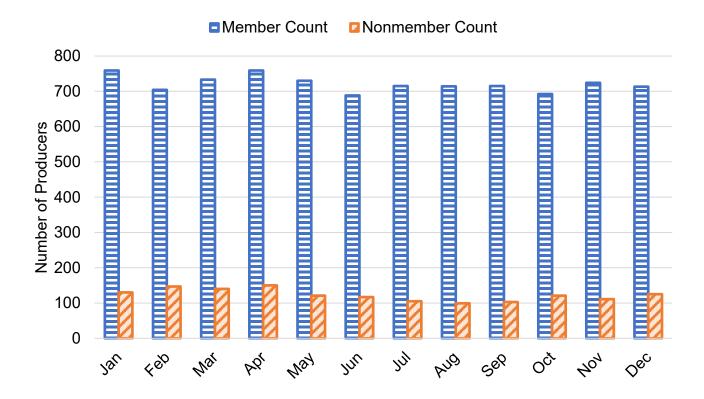
Average Daily Delivery of Producer Milk, 2019-2020 (continued)





Cooperative Member and Nonmember Producer Counts, 2020

,			
	Member Count	Nonmember Count	Total Producer Count
January	759	130	889
February	704	147	851
March	733	140	873
April	759	150	909
May	730	121	851
June	688	117	805
July	715	105	820
August	714	99	813
September	715	103	818
October	692	121	813
November	724	111	835
December	713	125	838
2020 Average	721	122	843
2019 Average	763	217	980



Animal Feed, Dumpage, and Other Uses*, 2019-2020

	Product	Butterfat	Percent of Pooled Pounds	Percent of Pooled Butterfat
	lbs	5	C	%
January	2,225,055	44,352	0.10%	0.05%
February	2,338,735	48,338	0.12%	0.07%
March	2,595,384	59,926	0.13%	0.08%
April	11,415,767	463,259	0.58%	0.60%
May	5,758,169	176,191	0.30%	0.24%
June	1,766,953	29,414	0.10%	0.05%
July	13,703,451	476,633	0.73%	0.68%
August	2,095,566	37,609	0.11%	0.05%
September	1,927,918	40,032	0.11%	0.06%
October	1,821,759	33,496	0.10%	0.05%
November	1,758,564	32,944	0.10%	0.04%
December	12,077,542	443,810	0.60%	0.55%
2020 Average	4,957,072	157,167	0.26%	0.21%
2019 Average	1,922,681	42,386	0.10%	0.06%

^{*}As defined in Section 1051.40 of the Order; skim milk and butterfat assigned and priced at the lowest corresponding month's class price.

Producer Receipts of Pooled Milk by State and County*, 2020

^{*} Producer receipts based on verified handler reports of pooled producers. Totals may not add due to rounding.
** To maintain confidentiality, counties with fewer than 3 producers have been consolidated into the "other" category and are included in totals.
*** Represents restricted data from the states of Colorado, Idaho, New Mexico, Oregon, Texas, Utah, and Washington.

Producer Receipts of Pooled Milk by State and County*, 2020 (continued)

		July		August	o	September	_	October	Ž	November		December	2020 Total ¹
State and County	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	Milk Lbs
California													
Butte	œ	~	~	~	~	~	œ	~	œ	~	<u>~</u>	<u>~</u>	~
Del Norte	ď	~	~	R	~	R	ď	~	ď	~	<u>~</u>	~	~
Fresno	42	135,854,197	43	137,623,686	44	134,656,521	44	128,900,599	45	137,669,313	45	144,372,134	1,595,956,645
Glenn	4	18,138,338	4	19,357,533	14	19,937,531	4	20,992,978	4	20,004,610	4	21,003,671	219,299,205
Humboldt	56	5,609,210	19	5,287,103	19	4,922,882	22	5,206,065	24	4,607,232	23	4,727,070	67,157,934
Imperial	œ	8	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ	<u>د</u>
Kern	44	250,621,082	43	241,006,017	44	242,062,865	44	229,580,987	44	232,447,075	45	268,772,972	2,966,186,467
Kings	22	120,027,945	23	125,380,944	49	124,469,959	20	126,312,390	23	129,593,840	23	151,221,513	1,549,587,320
Los Angeles	œ	œ	œ	œ	œ	œ	껕	œ	œ	œ	œ	œ	œ
Madera	59	98,640,596	27	90,943,991	22	93,633,607	25	93,225,995	30	95,944,995	31	104,084,341	1,191,147,107
Marin	17	7,165,886	17	7,269,862	17	7,138,460	18	7,217,038	17	6,631,924	17	7,406,522	84,226,456
Mendocino	œ	8	<u>~</u>	ď	œ	ď	œ	œ	~	œ	<u>~</u>	œ	œ
Merced	92	191,991,976	101	179,652,515	100	193,999,195	92	193,013,164	102	198,670,648	105	220,998,414	2,506,511,697
Monterey	œ	«	∝	ď	∝	œ	œ	œ	œ	œ	œ	œ	œ
Placer	œ	œ	œ	œ	œ	œ	œ	œ	∝	œ	∝	œ	œ
Riverside	21	58,669,551	70	58,810,441	20	58,736,352	20	63,266,813	20	60,126,731	19	59,443,706	751,715,733
Sacramento	17	20,391,301	17	20,826,622	17	17,112,623	17	20,597,210	17	19,137,237	17	20,428,069	247,446,561
San Bernardino	38	42,022,846	88	41,879,712	38	41,208,817	38	45,287,125	38	45,308,346	39	51,113,807	569,813,479
San Diego	ď	~	~	Υ.	~	~	œ	~	ď	~	œ	~	~
San Joaquin	22	101,193,616	29	96,278,186	62	90,644,682	54	94,969,444	09	98,421,351	22	108,339,395	1,307,927,632
Santa Barbara	0	0	0	0	0	0	0	0	0	0	0	0	~
Siskiyou	0	0	0	0	0	0	က	62,573	0	0	က	78,473	141,046
Solano	œ	~	~	~	<u>~</u>	~	œ	~	œ	<u>~</u>	œ	<u>~</u>	~
Sonoma	48	31,633,633	48	32,924,617	48	32,426,210	22	33,498,808	48	30,606,196	48	32,216,127	379,128,935
Stanislaus	93	173,941,555	92	158,581,994	103	163,748,589	06	163,945,642	95	166,597,441	92	179,852,280	2,114,027,977
Tehama	ď	Z.	~	R	~	R	ď	~	ď	~	<u>~</u>	~	~
Tulare	181	528,893,283	175	521,783,682	174	478,992,495	176	488,259,220	183	506,722,448	185	530,076,201	6,364,592,254
Yolo	ď	~	œ	ч	ď	~	œ	~	ď	~	œ	~	~
Yuba	က	5,826,324	က	5,926,709	က	5,376,104	က	5,581,748	က	5,552,009	က	5,536,236	58,380,185
Other**	18	20,953,076	18	20,396,077	18	19,732,427	18	19,221,541	18	18,505,792	18	21,314,264	261,716,450
Total	798	1,811,574,415	190	1,763,929,691	795	1,728,799,319	. 882	1,739,139,340	808	1,776,547,188	812	1,930,985,195	22,234,963,083
Nevada													
Churchill	14	31,059,963	14	31,019,390	14	30,158,123	14	30,705,466	14	29,026,689	14	30,071,545	353,597,181
Lyon	က	21,957,220	က	22,005,880	က	22,133,175	လ	22,409,037	က	21,238,972	က	21,333,836	241,600,267
Nye	4	14,341,435	4	13,813,017	4	14,991,680	4	14,977,900	4	14,960,080	4	16,070,980	163,785,652
Total	21	67,358,618	21	66,838,287	21	67,282,978	12	68,092,403	21	65,225,741	21	67,476,361	758,983,100
All Other States***	-	448,038	7	840,280	7	1,444,120	4	1,462,258	9	1,347,080	c,	2,808,533	10,521,651
Grand Total*	820	1,879,381,071	813	1,831,608,258	818	1,797,526,417	813	1,808,694,001	832	1,843,120,009	838	2,001,270,089	23,004,467,834

¹ Total represents sum of unrestricted data listed in prior months. Does not equal total pooled production in 2020 for restricted counties. * Producer receipts based on verified handler reports of pooled producers. Totals may not add due to rounding.

** To maintain confidentiality, counties with fewer than 3 producers have been consolidated into the "other" category and are included in totals. *** Represents restricted data from the states of Colorado, Idaho, New Mexico, Oregon, Texas, Utah, and Washington.