

# The Market Administrator's Annual Statistical Bulletin

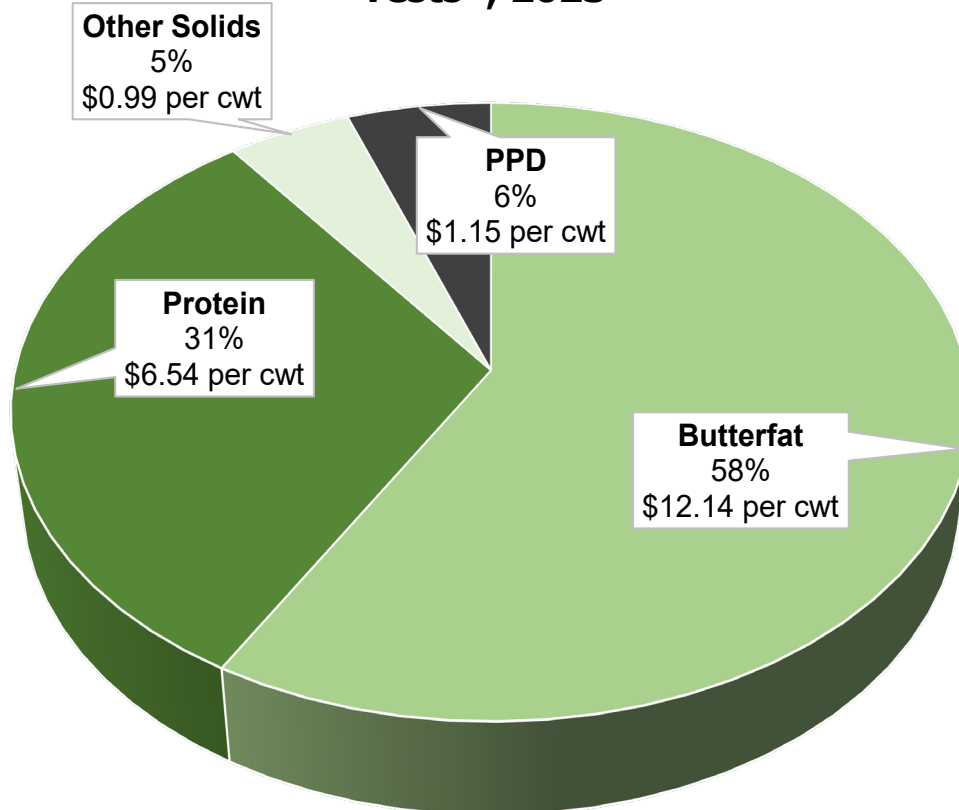
California Milk Marketing Area  
Federal Order No. 51

*Peter Fredericks*, Market Administrator

Volume 5

# 2023

## Contribution to the SUP at Pool Average Component Tests\*, 2023



\* The weighted average SUP at pool average component tests was **\$20.82 per cwt** for 2023.

To contact the California Marketing Area office:  
Tel.: (916) 702-6455 — Fax: (833) 673-3751  
Mailing Address: 181 Blue Ravine Rd Suite 120 Folsom, CA 95630  
e-mail address: [market.admin@cafmmo.com](mailto:market.admin@cafmmo.com) — website address: [www.cafmmo.com](http://www.cafmmo.com)



United States  
Department of Agriculture  
Agricultural Marketing Service  
Dairy Program

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

Tel.: (916) 702-6455 -- Fax: (833) 673-3751  
email: [market.admin@cafmmo.com](mailto:market.admin@cafmmo.com)  
website: [www.cafmmo.com](http://www.cafmmo.com)

**Mailing Address:**  
181 Blue Ravine Rd Suite 120  
Folsom, CA 95630

**California Federal Marketing Area – Federal Milk Order No. 51  
2023 Annual Report**

Disclaimer: Producer data is based on submitted handler reports and is subject to corrections made during the audit process. Totals may not add due to rounding.

USDA Civil Rights Policy Statement

In accordance with Federal Civil Rights law and U.S. Department of Agriculture (USDA) Civil Rights regulations and policies, the USDA, its agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotope, American Sign Language, etc.) should contact the responsible agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at [http://www.ascr.usda.gov/complaint\\_filing\\_cust.html](http://www.ascr.usda.gov/complaint_filing_cust.html) and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: [program.intake@usda.gov](mailto:program.intake@usda.gov).

USDA is an equal opportunity provider, employer, and lender.

# Table of Contents

Summary: 2023 Under the California Federal Marketing Order .....	1
California Order Plant and Handler List, 2023 .....	3
California Marketing Area Pool Handler Locations.....	6
<i>Bulletin</i> Highlights – 2023 .....	7
National Dairy Product Sales Report Weighted Average Prices, 2019-2023.....	9
Class I and Advanced Prices at Los Angeles County, California, 2019-2023 .....	10
Class II Prices, 2019-2023.....	11
Class III Prices, 2019-2023 .....	12
Class III Component Prices, 2019-2023 .....	13
Class IV Prices, 2019-2023.....	14
Producer Prices at Los Angeles County, California, 2019-2023 .....	15
Contribution of Components to Statistical Uniform Price (SUP), 2023 .....	16
Monthly Average Pool Tests of Producer Milk, 2023.....	17
Computation of Annual Weighted Average Price for Pooled Producer Milk, 2023 .....	19
Share of Monthly Pool Utilization by Class, 2019-2023 .....	20
Monthly Pool Utilization by Class, 2019-2023 .....	21
Receipts of Producer Milk by Location Differential, 2023 .....	22
Class I Route Sales by Handlers Not Fully Regulated Under the California Order, 2019-2023.....	23
Total Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2023 .....	24
Conventional Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2023.....	25
Organic Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2023.....	26
Average Daily Delivery of Producer Milk, 2019-2023 .....	27
Cooperative Member and Nonmember Producer Counts, 2023 .....	29
Animal Feed, Dumpage, and Other Uses, 2019-2023 .....	30
Producer Receipts of Pooled Milk by State and County, 2023 .....	31

## Summary: 2023 Under the California Federal Marketing Order

This report provides data on the operations of the California Federal Marketing Order during 2023 through a series of tables and charts. The Bulletin Highlights section summarizes significant California dairy industry events and trends in 2023. This report also includes lists of handlers operating in the marketing area and features a map of their respective locations.

### ***Order Volume Decreases***

Milk receipts from producers pooled on the Order totaled 26.4 billion pounds in 2023, an increase 17.7 percent from 2022. Simultaneously, the average number of pooled producers increased by 49 to 951 producers. The average monthly volume per producer was above 2.0 million pounds for all of 2023 and peaked at nearly 2.81 million pounds in April 2023. The average daily delivery per producer was roughly 76,000 pounds, increasing 11.6 percent from 2022.

### ***Class Utilization Shifts***

The percentage of pooled milk utilized in Class I averaged 18 percent of the pool in 2023, down 3.12 percentage points from 2022. In volume terms, average monthly Class I decreased 2.6 million pounds (0.7 percent) from the previous year, a slower rate from that from 2021 to 2022. Alternatively, the average volume of producer receipts used in Class II rose, increasing 7.4 million pounds (7.5 percent) per month. Class II utilization posted a decline, averaging 4.9 percent of the pool in 2023, down 0.4 percentage points from 2022.

Class III and IV utilization trends in 2023 were relatively similar to those in 2022. With a lower Class III price, pooling incentives for most of 2023 favored Class III over Class IV. Class III volume averaged about 1.38 billion pounds per month in 2023, an increase of 156.8 million pounds from 2022. Class III volume on a daily average basis reached its highest level recorded under the Order in August 2023 at 49.44 million pounds per day. Class III volume was above 1 billion pounds in every month of 2023 except in April. On average, Class III utilization was 64 percent of the pool

in 2023, down only 1.17 percentage points from 2022. In contrast, Class IV utilization averaged 13.2 percent of the pool in 2023, up 4.78 percentage points from 2022. Class IV volume dropped to its lowest level under the Order in August 2023 at 1.46 million pounds on a daily average basis and averaged nearly 324.91 million pounds on the pool each month in 2023. While Class III held the majority share of the pool in almost all months, Class IV had the largest share in April 2023 constituting 55.1 percent of the pool.

### ***Record-Setting Prices***

After unprecedented price levels were reached in 2022, 2023 FO price averages moved downward in accordance with new supply and demand conditions in 2023 following the pandemic years. Although pricing graphs may be red in 2023, butter and butterfat prices set FO records in 2023. In addition, the rate of decline to adjust to new market conditions in 2023 does not diminish the total market gain experienced in 2022.

*Commodity Prices* – National Dairy Product Sales Report prices observed downward movements from 2022 to 2023. The butter price fared well, averaging 25 cents per pound lower than 2022's average. In 2023, the butter price averaged \$2.6170 per pound, peaking at its highest level recorded under the Order at \$3.2387 per pound in October 2023. The cheese price average declined roughly 35 cents per pound from 2022 to \$1.7593. Likewise, the average dry whey price declined roughly 25 cents to \$0.3618 per pound. Lastly, the average nonfat dry milk price dropped nearly 50 cents per pound from 2022 to \$1.1856 the largest decline of the four commodity prices reflecting the decline in exports in 2023.

*Component Prices* – Component price averages for 2023 declined from 2022, however, one posted a new high under the Order. The other solids price saw the smallest decline of 25 cents per pound at \$0.1676. The nonfat solids price also followed with a decline of 49 cents per pound at \$1.0076. The protein price declined the largest magnitude in 2023 and lost nearly 82 cents per pound, averaging \$1.9051. Although the butterfat

## Summary: 2023 Under the California Federal Marketing Order (continued)

price declined 30 cents per pound in 2023 to average \$2.9615, in October 2023 the price peaked at \$3.7144 per pound the highest ever recorded with the Order.

*Class Prices* – All class prices mirrored the commodity and component price trends. The average Class I price decreased \$4.46 per hundredweight (cwt) from 2022 to \$21.30 for the year. The average Class II price fell \$5.17 per cwt from 2022 to \$20.10. The Class III price averaged \$17.02 per cwt in 2023, down \$4.94 from 2022. The average Class IV price declined by the largest magnitude, decreasing \$5.35 per cwt from the prior year to \$19.12 in 2023. Averages for the 2023 class prices remained at or above 2021 price levels reflecting improvements in the market and new market stability with current supply and demand conditions.

### ***Producer Tests***

The annual average butterfat and protein tests of pooled milk in 2023 rose considerably from the prior year. The annual average producer butterfat test was 4.12 percent, up 0.08 percentage points from 2022. The annual average producer protein test for 2023 increased by 0.03 percentage points to 3.34 percent. The annual average other solids test remained unchanged at 5.75 percent.

# California Order Plant and Handler List, 2023

Pool Distributing Plants - Sec 1051.7 (a) or (b) or (d)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alexandre Family Creamery	San Leandro, CA	X	X	X	X	X	X	X	X	X	X	X	X
Alta Dena Certified Dairy (COI- North)	City Of Industry, CA	X	X	X	X	X	X	X	X	X	X	X	X
Alta Dena South (COI- South)	City Of Industry, CA	X	X	X	X	X	X	X	X	X	X	X	X
Clover Sonoma	Petaluma, CA	X	X	X	X	X	X	X	X	X	X	X	X
Driftwood Dairy, Inc.	El Monte, CA	X	X	X	X	X	X	X	X	X	X	X	X
Foster Farms	Modesto, CA	X	X	X	X	X	X	X	X	X	X	X	X
Hollandia Dairy, Inc.	San Marcos, CA	X	X	X	X	X	X	X	X	X	X	X	X
HP Hood LLC	Sacramento, CA	X	X	X	X	X	X	X	X	X	X	X	X
Kroger Riverside Creamery	Riverside, CA	X	X	X	X	X	X	X	X	X	X	X	X
Model Dairy - Producers	Reno, NV	X	X	X	X	X	X	X	X	X	X	X	X
Ninth Avenue Foods	City Of Industry, CA	X	X	X	X	X	X	X	X	X	X	X	X
Producers Dairy Foods, Inc.	Fairfield, CA	X	X	X	X	X	X	X	X	X	X	X	X
Producers Dairy Foods, Inc.	Fresno, CA	X	X	X	X	X	X	X	X	X	X	X	X
Rockview Dairies, Inc.	Downey, CA	X	X	X	X	X	X	X	X	X	X	X	X
Rosa Brothers Milk Co.	Tulare, CA	X	X	X	X	X	X	X	X	X	X	X	X
Safeway Inc. Milk Department	San Leandro, CA	X	X	X	X	X	X	X	X	X	X	X	X
Safeway-Jerseymaid	City Of Commerce, CA	X	X	X	X	X	X	X	X	X	X	X	X
Saputo Dairy Foods USA, LLC	Gustine, CA	X	X	X									
Saputo Cheese USA, Inc.*	Gustine, CA				X	X	X	X	X	X	X	X	X
Straus Family Creamery	Rohnert Park, CA	X	X	X	X	X	X	X	X	X	X	X	X
Stremicks Heritage Foods	Santa Ana, CA	X	X	X	X	X	X	X	X	X	X	X	X
Western Quality Food Products	Cedar City, UT						X						
WhiteWave Foods	City Of Industry, CA	X	X	X	X	X	X	X	X	X	X	X	X
WWF Operating Company	Salt Lake City, UT		X										

# California Order Plant and Handler List, 2023 (continued)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Cooperatives Qualifying as Pool Handlers - Sec 1000.9(c)</b>												
California Dairies, Inc.	X	X	X	X	X	X	X	X	X	X	X	X
Visalia, CA												
CROPP Coop	X	X	X	X	X	X	X	X	X	X	X	X
LaFarge, WI												
Dairy Farmers of America, Inc.	X	X	X	X	X	X	X	X	X	X	X	X
Corona, CA												
Legacy Milk Cooperative	X	X	X	X	X	X	X	X	X	X	X	X
Turlock, CA												
Magic Valley Quality Milk Producers				X	X	X						
Jerome, ID												
National Farmers Organization	X	X	X	X	X	X	X	X	X	X	X	X
Ames, IA												
Organic Family Farms Marketing, LLC	X	X	X	X	X	X	X	X	X	X		X
Santa Fe, NM												
Pacific Gold Milk Producers, Inc.	X	X	X	X	X	X	X	X	X	X	X	X
Ripon, CA												
Select Milk Producers, Inc.	X											
Artesia, NM												
The Dairy Group, Inc.	X	X	X	X	X	X	X	X	X	X	X	X
Chino, CA												
Western Organic Family Farms	X	X		X	X	X		X		X		X
Ferndale, CA												
<b>Partially Regulated Distributing Plants - Sec 1000.76</b>												
Anderson Dairy, Inc.	X	X	X	X	X	X	X	X	X	X	X	X
Las Vegas, NV												
Aurora Organic Dairy	X	X	X	X	X	X	X	X	X	X	X	X
Columbia, MO												
Darigold, Inc.	X	X	X	X	X	X						
Boise, ID												
Fairlife, LLC	X	X	X	X	X	X	X	X	X	X		X
Coopersville, MI												
Fairlife, LLC					X			X				
Goodyear, AZ												
Gossner Foods, Inc.	X	X	X	X	X	X	X	X	X	X	X	X
Logan, UT												
Saputo Dairy Foods USA, LLC	X	X	X	X	X		X					
Murray, KY												
Scott Brothers Dairy											X	X
Chino, CA												
Western Quality Food Products							X					
Cedar City, UT												
WhiteWave Foods	X		X	X	X	X	X	X	X	X		
Mount Crawford, VA												
WWF Operating Company	X		X	X	X	X	X	X	X	X	X	X
Salt Lake City, UT												
YaYA Foods Corp.			X		X	X	X					
Etobicoke, ON												
<b>Producer Handler Plants - Sec 1051.10</b>												
Nutcher Milk Company LLC	X	X	X	X	X	X	X	X	X	X	X	X
Modesto, CA												
Raw Farms LLC	X	X	X	X	X	X	X	X	X	X	X	X
Fresno, CA												

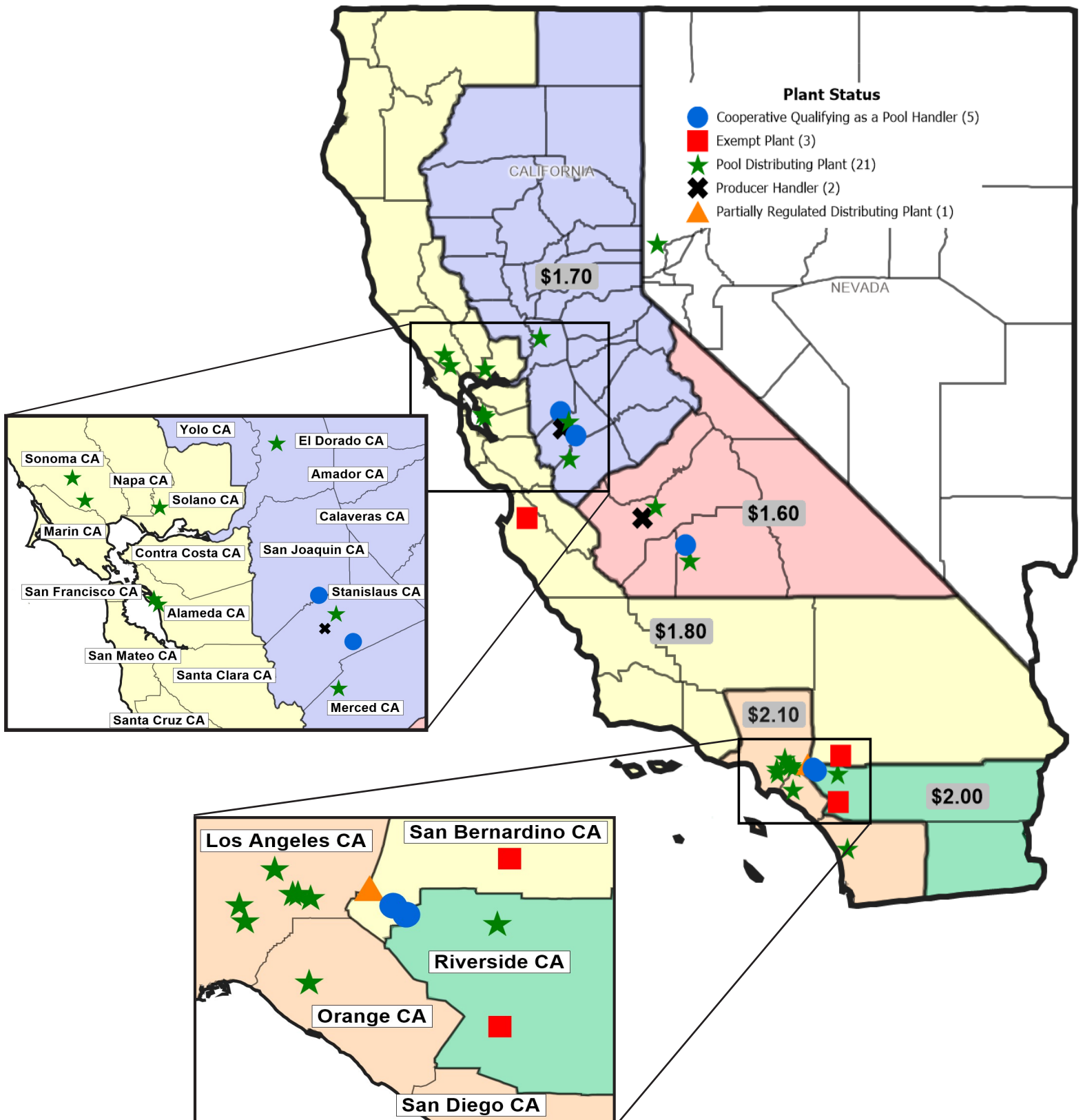
# California Order Plant and Handler List, 2023 (continued)

Exempt Plants - Sec 1000.8(e)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CSU Fresno Ag Foundation	Fresno, CA	X	X	X	X	X	X	X					
De Jong's Dairy	Wildomar, CA	X	X	X	X	X	X	X	X	X	X	X	X
Farmdale Creamery, Inc.	San Bernardino, CA	X	X	X	X	X	X	X	X	X	X	X	X
Saint Benoit Yogurt	Bodega, CA	X	X	X	X	X							
Schoch Family Farmstead, Inc.	Salinas, CA	X	X	X	X	X	X	X	X	X	X	X	X
Scott Brothers Dairy	Chino, CA	X	X	X	X	X	X	X	X	X	X	X	X
<b>Other Federal Order Distributing Plants with Route Sales into the California Marketing Area</b>													
Aurora Organic Dairy	F.O. 32 Platteville, CO	X	X	X	X	X	X	X	X	X	X	X	X
Danzeisen Dairy	F.O. 131 Laveen, AZ							X	X	X	X	X	X
Darigold, Inc.	F.O. 124 Boise, ID							X	X	X	X	X	X
Darigold, Inc.	F.O. 124 Portland, OR	X	X	X	X	X	X	X	X	X	X	X	X
Darigold, Inc.	F.O. 124 Seattle, WA	X	X	X	X	X	X	X	X	X	X	X	X
Darigold, Inc.	F.O. 124 Spokane, WA	X	X	X	X	X	X	X	X	X	X	X	X
Fairlife, LLC	F.O. 131 Goodyear, AZ	X	X	X	X	X	X	X	X	X	X	X	X
Fairlife, LLC	F.O. 33 Coopersville, MI									X	X	X	X
Farmers All Natural Creamery	F.O. 32 Wellman, IA	X	X	X	X	X	X	X	X	X	X	X	X
GH Dairy Inc.	F.O. 126 El Paso, TX								X				
GH Processing	F.O. 131 Yuma, AZ	X	X	X	X	X	X	X	X	X	X	X	X
HP Hood LLC	F.O. 1 Winchester, VA										X	X	X
HP Hood LLC	F.O. 1 Oneida, NY										X		
Jackson Dairy	F.O. 32 Hutchinson, KS	X	X	X	X	X	X	X	X	X	X	X	X
Kroger Mountain View Foods	F.O. 32 Denver, CO	X	X	X	X	X	X	X	X	X	X	X	X
Nestle USA, Inc.	F.O. 33 Anderson, IN	X	X	X	X	X	X	X	X	X	X	X	X
Ninth Avenue Foods	F.O. 33 Columbus, IN	X	X	X	X	X	X	X	X	X	X	X	X
Prairie Farms Dairy	F.O. 32 Granite City, IL								X	X	X	X	X
Richmond Beverage Solutions, LLC	F.O. 33 Richmond, IN											X	X
Saputo Dairy Foods USA, LLC	F.O. 1 Delhi, NY	X	X	X	X	X	X	X	X	X	X	X	X
Schreiber Foods, Inc.	F.O. 33 Grand Rapids, MI			X	X	X	X	X	X	X	X	X	X
Shamrock Foods Company	F.O. 131 Phoenix, AZ	X	X	X	X	X	X	X	X	X	X	X	X
St. Paul Beverage Solutions, LLC	F.O. 30 Saint Paul, MN	X	X	X	X	X	X	X				X	X
Western Quality Food Products	F.O. 124 Cedar City, UT	X	X	X	X	X	X	X	X	X	X	X	X
WhiteWave Foods	F.O. 126 Dallas, TX	X	X	X	X	X	X	X				X	X

\* Formerly operated as Saputo Dairy Foods USA, LLC



# California Marketing Area Pool Handler Locations, 2023\*



\* Reflects handler status and location in December 2023.

## Bulletin Highlights – 2023

### **January**

The January Bulletin spotlighted the Mailbox Milk Price trends in California from November 2021 to October 2022. The issue underscored the remarkable competitiveness of California's mailbox prices during this timeframe, particularly when contrasted with the top dairy-producing states – Wisconsin, New York, Idaho, and Texas. Notably, the article delves into the dynamic shift in California's mailbox prices before and after the initiation of Federal Orders (FO) 51. It illuminates how, initially, California's mailbox prices were lower than the All-FO average, and with the commencement of the order, these prices gradually aligned with the All-FO average. USDA announced a hearing to amend transportation credits in FOs 5, 6, and 7.

### **February**

In February, the Bulletin showcased informative maps displaying the average butterfat and protein tests for FO 51 across California's counties in 2022. Humboldt County secured the top spot with an impressive average butterfat test of 4.31 percent, while Merced County led in protein tests with an average of 3.36 percent in 2022. Moreover, the issue drew attention to component tests ranked by order, revealing that California secured the fifth position among the seven orders in terms of butterfat and came in third for protein.

### **March**

The March Bulletin touched upon the achievement of a new pool volume record for FO 51, surpassing an impressive 2.836 billion pounds. This milestone was spurred by a tight 28-cent spread between Class III and IV in March. Notably, both Class III and IV prices trailed the blend price by 69 cents and 41 cents, respectively, creating a compelling incentive for handlers to contribute to these pooled volumes. In addition, the publication delved into the trends in Fluid Milk Sales from plants not fully regulated by FO 51. From 2019 to 2022, fluid milk sales from Partially Regulated Distributing Plants (PRDPs) witnessed a substantial increase of 21.5 percent, while plants regulated by other orders experienced a 7.6 percent increase. Notably, in 2022, only 10.3 percent of milk sales into FO 51 originated from PRDPs,

other orders, exempt plants, and producer handlers.

### **April**

April's Bulletin summarized California's milk production and herd sizes spanning the years 2019 to 2022. Over these years, California witnessed a noteworthy surge in milk production, coupled with a decline in the average herd size. The report delves into the first quarter of 2023, revealing an increase in production during those three months. However, it is crucial to note a year-over-year decline when compared to 2022. Concurrently, the average herd size experienced a decrease but maintained a level above the averages observed in 2022. Moreover, the article sheds light on the anticipated trajectory for the remainder of 2023, outlining a price outlook that indicates Class IV prices persisting above the Class III prices.

### **May**

The May Bulletin discusses the Consumer Price Index (CPI) for all items, food, and dairy which increased 4 percent compared to the prior year. In 2022, the CPI for dairy at home increased substantially but remained below other categories. Retail prices for whole milk, cheddar cheese, and butter peaked in late 2022 and early 2023.

### **June**

In June, the Bulletin provided a comprehensive overview of the Federal Milk Marketing Order (FMMO) amendment process, anticipating a potential hearing to modify FMMO provisions. The issue also briefly touched upon Class III and IV milk prices, highlighting that June 2023's Class III price hit its lowest point (\$14.91 cwt) since May 2020. Examining pricing trends in the National Dairy Product Sales Report from January to June 2023 revealed mixed fluctuations, with butter, a key contributor to the Class IV price, experiencing only a marginal 0.4 percent decline, contributing to increased stability in the Class IV price.

### **July**

July's issue of the Bulletin featured U.S. maps of milk production by county in FO areas. The maps depicted total production by county in December 2022 and counties with increased marketings. The article emphasized the strong per-

## Bulletin Highlights – 2023 *(continued)*

formance of California counties, seven of which were in the top thirteen in the country. Those thirteen counties produced 25 percent of all milk in December 2022, with Tulare County accounting for nearly 6 percent of the FO total. In addition, USDA issued a notice to amend provisions of the eleven FMMOs.

### **August**

The August Bulletin examined the trends in fluid milk sales in the last two years. When comparing January through June of 2022 to the same period in 2023, packaged milk sales in FO 51 experienced a slight decline of 1.1 percent. However, individual products such as organic milk products and whole milk showed growth of 2.1 and 1.5 percent, respectively.

In the second article, the focus shifted to the improvement in milk prices following their peak in 2022. The National Dairy Product Sales Report highlighted substantial growth in butter and cheese prices between July 2023 and August 2023. Furthermore, both the Class III price and the Statistical Uniform Price demonstrated month-to-month improvements.

### **September**

In September, the Bulletin reviewed national fluid milk sales spanning January to June in 2022 and 2023 compared to California's share of fluid milk sales. The USDA-Agricultural Marketing Service-Dairy Program's monthly report on packaged fluid milk sales within FMMOs revealed a 2.0% decline in sales across the U.S. for the first half of 2023 compared to the same period in 2022. California's sale trends indicated a 11.2% share of estimated U.S. packaged milk sales in the state for the first half of 2023, with a slight decline from 2019.

The second article reviewed feed prices and Dairy Margin Coverage payments from January to August 2023. Average prices for dairy feed commodities have stayed above levels observed three years ago, according to the USDA National Agricultural Statistics Service. The Dairy Margin Coverage (DMC) program recorded declining all-milk prices and slower feed price decreases in 2023, reaching its lowest margin since inception in July 2023.

### **October**

October's Bulletin conducted a thorough comparison of differential zones in FO 51 and producer receipts for May 2019 and May 2023. In May 2023, handlers had a substantially stronger economic incentive to pool Class III compared to Class IV. Predominantly, a majority of the milk delivered to Class III and IV plants originated from lower differential zones, such as \$1.60 and \$1.70. Additionally, the \$2.10 zone, encompassing the Los Angeles area, claimed the largest share of producer milk receipts delivered to Class I plants.

### **November**

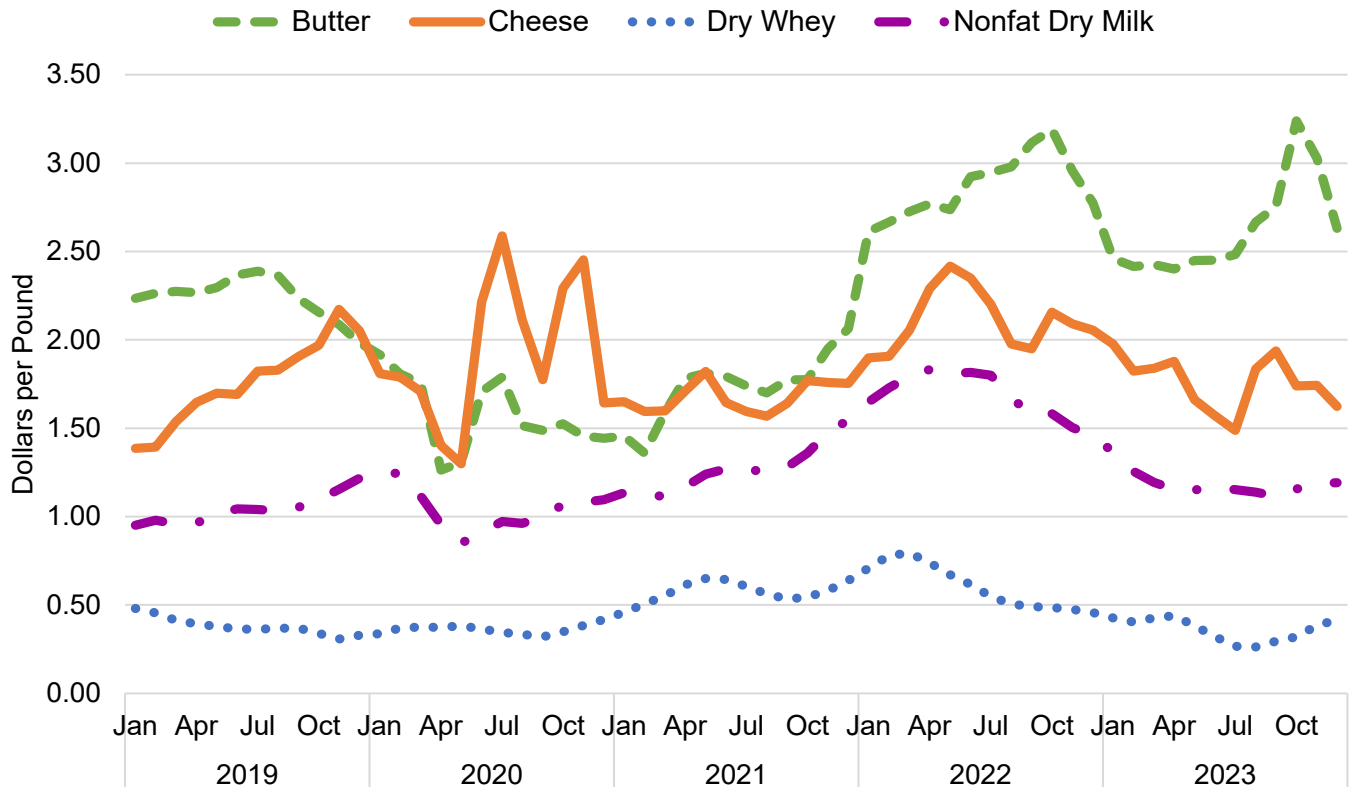
In November, the Bulletin detailed the retail prices for both conventional and organic whole milk in five prominent U.S. cities spanning from November 2021 to November 2023. Examining Atlanta, Chicago, Denver, New York, and Sacramento, the findings revealed that Chicago recorded the highest retail prices for both conventional and organic whole milk in 2023. Conversely, Atlanta and Denver boasted the lowest prices during the same period. Visuals in the issue illustrated an overall upward trajectory in conventional retail prices over the past two years followed by slight declines in late 2023. Meanwhile, organic retail prices remained consistently elevated in recent months.

### **December**

December's Bulletin analyzed pooled milk component test trends of 2023. Year-over-year, 2023's butterfat and protein average pooled component tests increased by 0.08 and 0.03 percentage points, respectively. The article examined the top milk producing counties in California – Kern, Merced, Stanislaus, and Tulare – and their contribution to the pooled milk component trends in 2023. Tulare County led with an impressive 4.22 percent average for butterfat while Merced County took the lead for protein with an average protein test of 3.39 percent. Lastly, the article also delved into an example of a milk check and how component tests and prices contribute to the gross payment.

## National Dairy Product Sales Report Weighted Average Prices, 2019-2023

	Butter Price	Cheese Price	Dry Whey Price	Nonfat Dry Milk Price
	\$/lb			
<b>2019 Average</b>	<b>2.2431</b>	<b>1.7586</b>	<b>0.3799</b>	<b>1.0419</b>
<b>2020 Average</b>	<b>1.5808</b>	<b>1.9236</b>	<b>0.3621</b>	<b>1.0417</b>
<b>2021 Average</b>	<b>1.7325</b>	<b>1.6755</b>	<b>0.5744</b>	<b>1.2693</b>
<b>2022 Average</b>	<b>2.8665</b>	<b>2.1122</b>	<b>0.6057</b>	<b>1.6851</b>
January	2.4599	1.9767	0.4266	1.3662
February	2.4158	1.8224	0.4031	1.2553
March	2.4258	1.8399	0.4261	1.1935
April	2.4018	1.8775	0.4398	1.1551
May	2.4483	1.6600	0.3813	1.1505
June	2.4510	1.5724	0.3220	1.1674
July	2.4825	1.4870	0.2660	1.1522
August	2.6668	1.8349	0.2620	1.1374
September	2.7532	1.9366	0.2954	1.1155
October	3.2387	1.7390	0.3198	1.1558
November	3.0293	1.7421	0.3831	1.1860
December	2.6305	1.6234	0.4168	1.1924
<b>2023 Average</b>	<b>2.6170</b>	<b>1.7593</b>	<b>0.3618</b>	<b>1.1856</b>



## Class I and Advanced Prices at Los Angeles County, California, 2019-2023

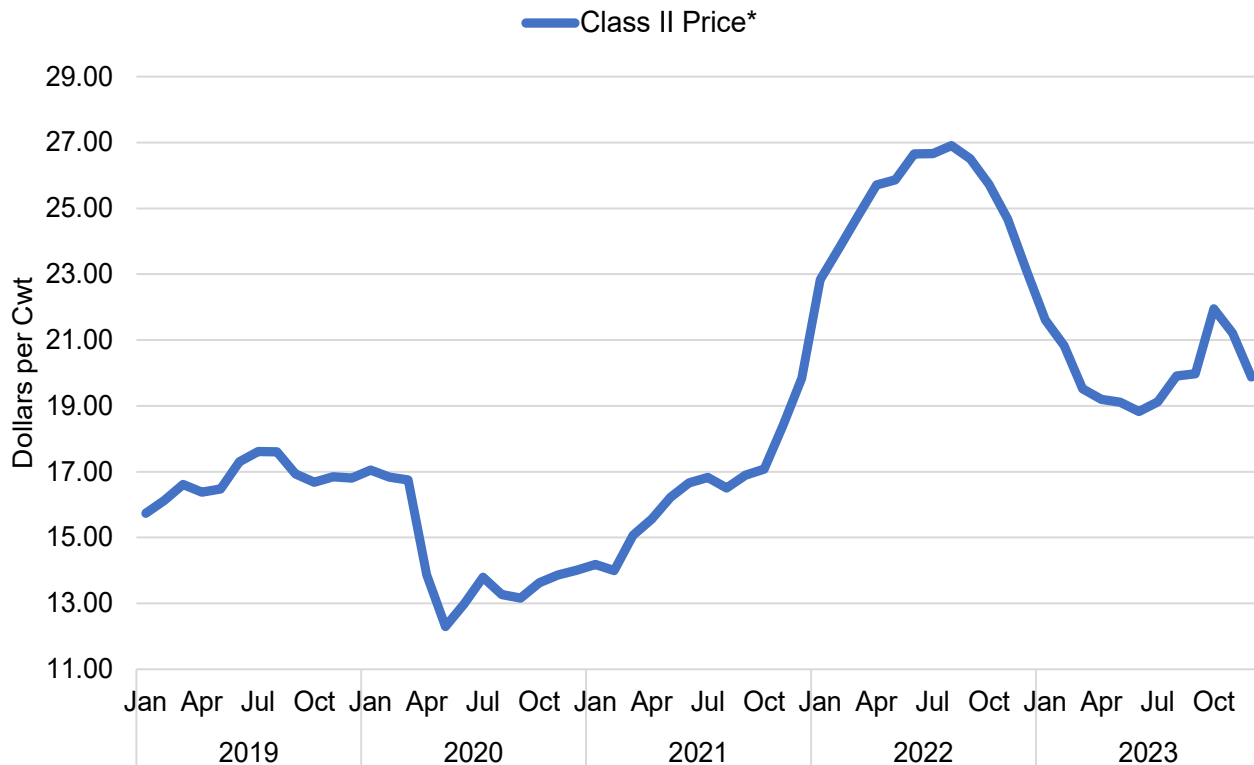
	Advanced Pricing Factors			Class I Price		
	Butterfat	Class III Skim Milk	Class IV Skim Milk	Skim	Butterfat	Class I Price*
	\$/lb	\$/cwt	\$/cwt	\$/cwt	\$/lb	\$/cwt
<b>2019 Average</b>	<b>2.5407</b>	<b>7.78</b>	<b>7.54</b>	<b>10.49</b>	<b>2.5617</b>	<b>19.09</b>
<b>2020 Average</b>	<b>1.7618</b>	<b>12.89</b>	<b>7.90</b>	<b>13.23</b>	<b>1.7828</b>	<b>19.01</b>
<b>2021 Average</b>	<b>1.8209</b>	<b>10.73</b>	<b>9.45</b>	<b>12.93</b>	<b>1.8419</b>	<b>18.93</b>
<b>2022 Average</b>	<b>3.1688</b>	<b>10.95</b>	<b>13.62</b>	<b>15.13</b>	<b>3.1898</b>	<b>25.76</b>
January	3.2827	9.54	11.62	13.42	3.3037	24.51
February	2.7990	10.28	11.00	13.48	2.8200	22.88
March	2.7252	8.49	9.60	11.89	2.7462	21.09
April	2.7217	8.46	9.37	11.76	2.7427	20.95
May	2.7059	10.37	9.08	12.57	2.7269	21.67
June	2.7412	7.17	8.78	10.82	2.7622	20.11
July	2.7757	5.33	8.94	9.98	2.7967	19.42
August	2.7566	4.00	8.95	9.32	2.7776	18.72
September	3.0170	7.15	8.64	10.74	3.0380	21.00
October	3.0477	8.20	8.55	11.22	3.0687	21.57
November	3.6466	4.29	8.70	9.34	3.6676	21.85
December	3.4526	5.34	9.08	10.05	3.4736	21.86
<b>2023 Average</b>	<b>2.9727</b>	<b>7.39</b>	<b>9.36</b>	<b>11.22</b>	<b>2.9937</b>	<b>21.30</b>



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

### Class II Prices, 2019-2023

	Butterfat	Nonfat Solids	Skim	Class II Price*
	\$/lb		\$/cwt	
<b>2019 Average</b>	<b>2.5158</b>	<b>0.9157</b>	<b>8.24</b>	<b>16.76</b>
<b>2020 Average</b>	<b>1.7137</b>	<b>0.9550</b>	<b>8.60</b>	<b>14.29</b>
<b>2021 Average</b>	<b>1.8974</b>	<b>1.1280</b>	<b>10.15</b>	<b>16.44</b>
<b>2022 Average</b>	<b>3.2707</b>	<b>1.5912</b>	<b>14.32</b>	<b>25.27</b>
January	2.7783	1.3689	12.32	21.61
February	2.7248	1.3000	11.70	20.83
March	2.7370	1.1444	10.30	19.52
April	2.7079	1.1189	10.07	19.20
May	2.7642	1.0867	9.78	19.11
June	2.7675	1.0533	9.48	18.83
July	2.8056	1.0711	9.64	19.12
August	3.0288	1.0722	9.65	19.91
September	3.1334	1.0378	9.34	19.98
October	3.7214	1.0278	9.25	21.95
November	3.4678	1.0444	9.40	21.21
December	2.9848	1.0867	9.78	19.88
<b>2023 Average</b>	<b>2.9685</b>	<b>1.1177</b>	<b>10.06</b>	<b>20.10</b>



\* Class II prices reported at 3.5% butterfat

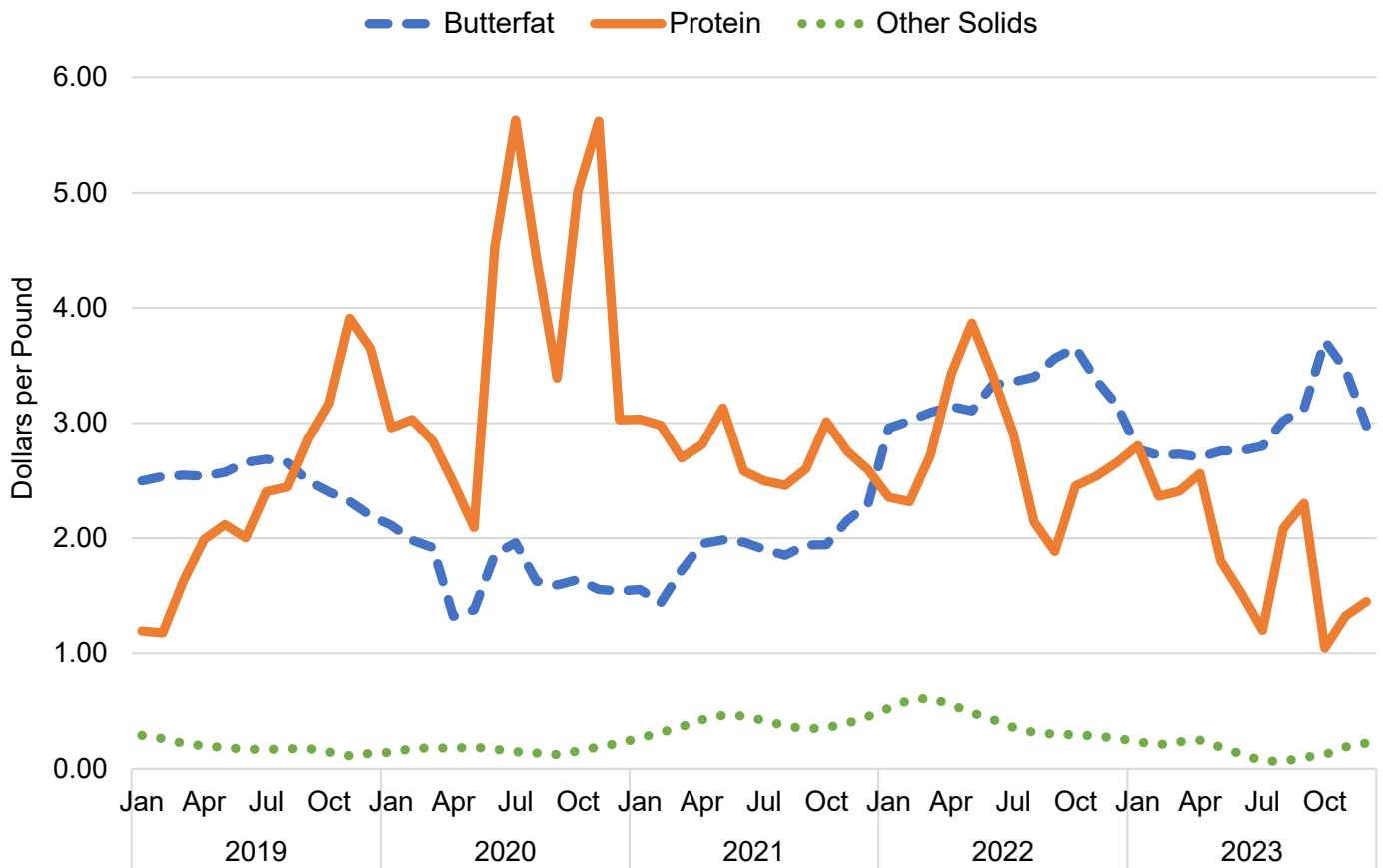
### Class III Prices, 2019-2023

	Butterfat	Protein	Other Solids	Skim	Class III Price*
		\$/lb		\$/cwt	
<b>2019 Average</b>	<b>2.5088</b>	<b>2.3796</b>	<b>0.1862</b>	<b>8.48</b>	<b>16.96</b>
<b>2020 Average</b>	<b>1.7067</b>	<b>3.7559</b>	<b>0.1678</b>	<b>12.63</b>	<b>18.16</b>
<b>2021 Average</b>	<b>1.8904</b>	<b>2.7630</b>	<b>0.3866</b>	<b>10.85</b>	<b>17.08</b>
<b>2022 Average</b>	<b>3.2637</b>	<b>2.7238</b>	<b>0.4188</b>	<b>10.92</b>	<b>21.96</b>
January	2.7713	2.8058	0.2343	10.08	19.43
February	2.7178	2.3650	0.2101	8.57	17.78
March	2.7300	2.4085	0.2338	8.85	18.10
April	2.7009	2.5603	0.2479	9.40	18.52
May	2.7572	1.8002	0.1877	6.69	16.11
June	2.7605	1.5144	0.1266	5.44	14.91
July	2.7986	1.1991	0.0689	4.12	13.77
August	3.0218	2.0851	0.0648	6.85	17.19
September	3.1264	2.3027	0.0992	7.72	18.39
October	3.7144	1.0468	0.1243	3.98	16.84
November	3.4608	1.3238	0.1895	5.22	17.15
December	2.9778	1.4499	0.2242	5.82	16.04
<b>2023 Average</b>	<b>2.9615</b>	<b>1.9051</b>	<b>0.1676</b>	<b>6.90</b>	<b>17.02</b>



\* Class III prices reported at 3.5% butterfat

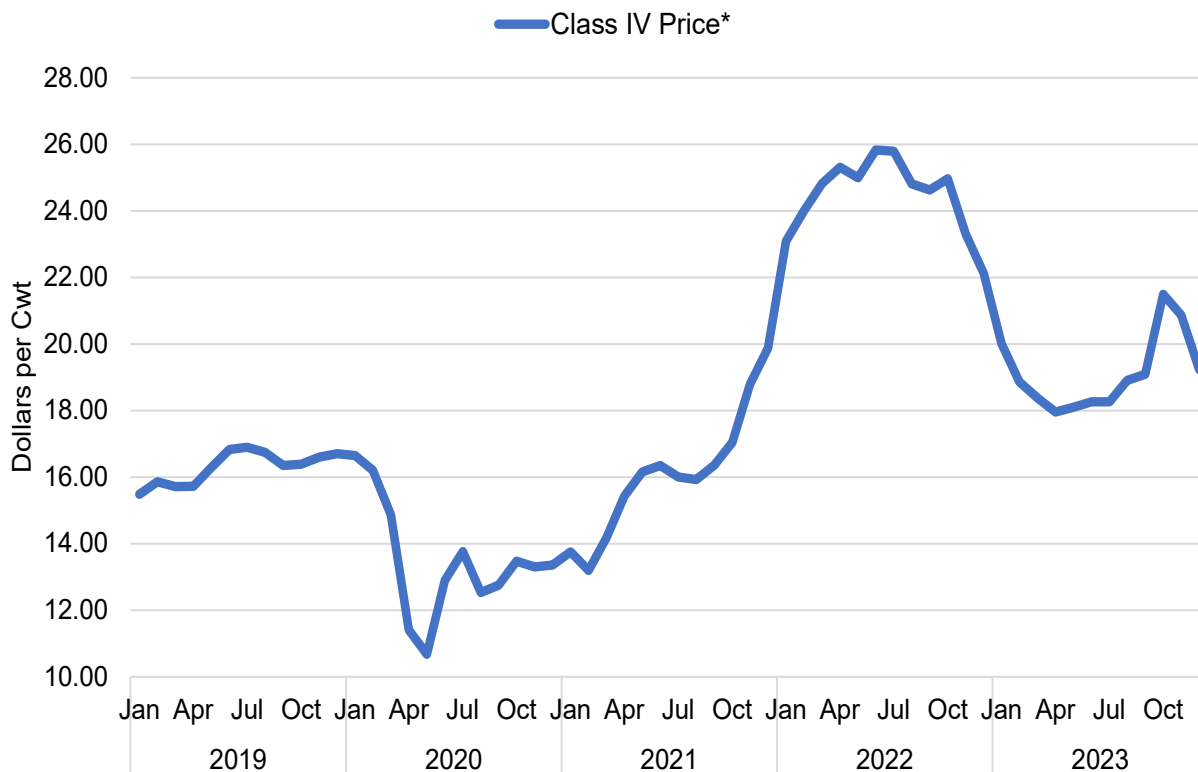
## Class III Component Prices, 2019-2023





### Class IV Prices, 2019-2023

	Butterfat	Nonfat Solids	Skim	Class IV Price*
	\$/lb		\$/cwt	
<b>2019 Average</b>	<b>2.5088</b>	<b>0.8654</b>	<b>7.79</b>	<b>16.30</b>
<b>2020 Average</b>	<b>1.7067</b>	<b>0.8651</b>	<b>7.79</b>	<b>13.49</b>
<b>2021 Average</b>	<b>1.8904</b>	<b>1.0905</b>	<b>9.81</b>	<b>16.09</b>
<b>2022 Average</b>	<b>3.2637</b>	<b>1.5021</b>	<b>13.52</b>	<b>24.47</b>
January	2.7713	1.1864	10.68	20.01
February	2.7178	1.0766	9.69	18.86
March	2.7300	1.0154	9.14	18.38
April	2.7009	0.9774	8.80	17.95
May	2.7572	0.9729	8.76	18.10
June	2.7605	0.9896	8.91	18.26
July	2.7986	0.9746	8.77	18.26
August	3.0218	0.9599	8.64	18.91
September	3.1264	0.9382	8.44	19.09
October	3.7144	0.9781	8.80	21.49
November	3.4608	1.0080	9.07	20.87
December	2.9778	1.0144	9.13	19.23
<b>2023 Average</b>	<b>2.9615</b>	<b>1.0076</b>	<b>9.07</b>	<b>19.12</b>



\* Class IV prices reported at 3.5% butterfat

## Producer Prices at Los Angeles County, California, 2019-2023

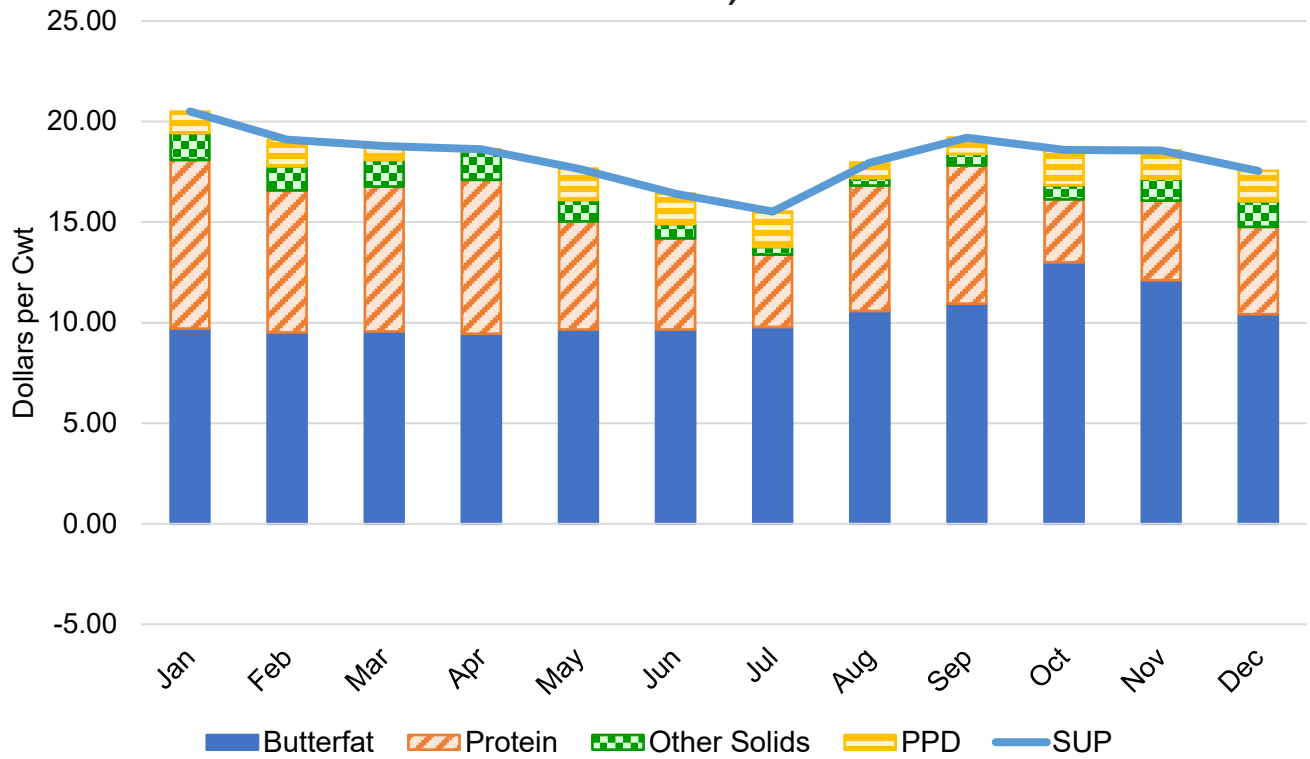
	Producer Price Differential	Statistical Uniform Price (Standard Tests)*	Statistical Uniform Price (Pool Average Tests)**	Butterfat	Protein	Other Solids
		\$/cwt		\$/lb		
<b>2019 Average</b>	<b>-0.16</b>	<b>16.80</b>	<b>18.22</b>	<b>2.5088</b>	<b>2.3796</b>	<b>0.1862</b>
<b>2020 Average</b>	<b>-3.60</b>	<b>14.57</b>	<b>15.95</b>	<b>1.7067</b>	<b>3.7559</b>	<b>0.1678</b>
<b>2021 Average</b>	<b>-0.51</b>	<b>16.57</b>	<b>18.10</b>	<b>1.8904</b>	<b>2.7630</b>	<b>0.3866</b>
<b>2022 Average</b>	<b>1.20</b>	<b>23.15</b>	<b>25.82</b>	<b>3.2637</b>	<b>2.7238</b>	<b>0.4188</b>
January	1.07	20.50	23.59	2.7713	2.8058	0.2343
February	1.32	19.10	21.83	2.7178	2.3650	0.2101
March	0.69	18.79	21.50	2.7300	2.4085	0.2338
April	0.10	18.62	20.83	2.7009	2.5603	0.2479
May	1.55	17.66	19.71	2.7572	1.8002	0.1877
June	1.51	16.42	18.27	2.7605	1.5144	0.1266
July	1.76	15.53	17.25	2.7986	1.1991	0.0689
August	0.77	17.96	20.06	3.0218	2.0851	0.0648
September	0.81	19.20	21.88	3.1264	2.3027	0.0992
October	1.76	18.60	21.59	3.7144	1.0468	0.1243
November	1.42	18.57	21.81	3.4608	1.3238	0.1895
December	1.51	17.55	20.57	2.9778	1.4499	0.2242
<b>2023 Average</b>	<b>1.19</b>	<b>18.21</b>	<b>20.74</b>	<b>2.9615</b>	<b>1.9051</b>	<b>0.1676</b>

\* Reported at 3.5 percent butterfat, 2.99 percent protein, and 5.69 percent other solids.

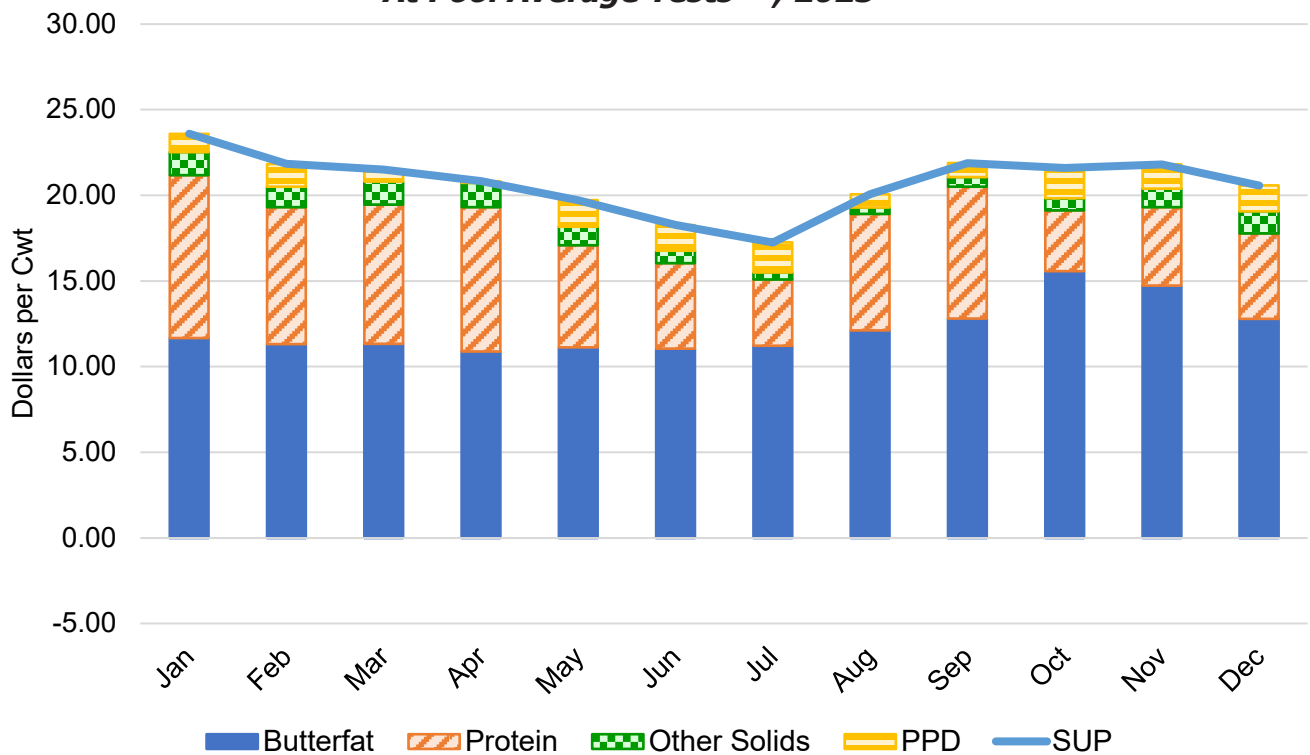
\*\* Reported at the monthly pool average component tests.

## Contribution of Components to Statistical Uniform Price (SUP), 2023

*At Standard Tests\*, 2023*



*At Pool Average Tests\*\*, 2023*



\* Reported at 3.5 percent butterfat, 2.99 percent protein, and 5.69 percent other solids.

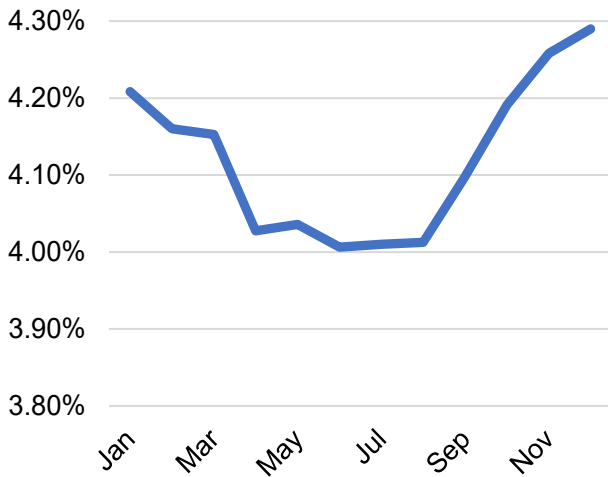
\*\* Reported at the monthly pool average component tests.

## Monthly Average Pool Tests of Producer Milk, 2023

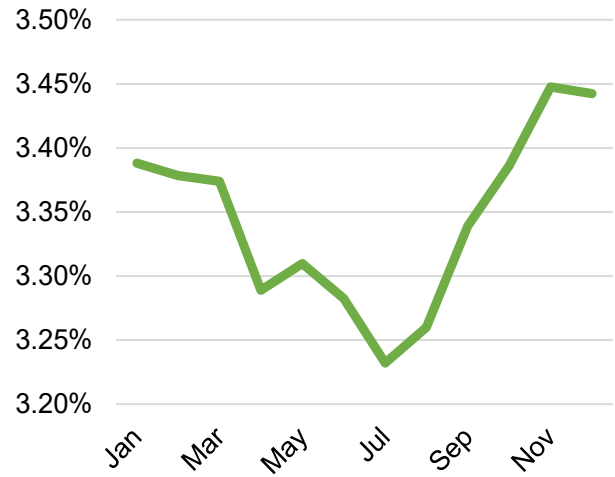
	Butterfat	Protein	Other Solids	Nonfat Solids
	percent			
<b>2019 Average</b>	<b>3.86</b>	<b>3.21</b>	<b>5.75</b>	<b>8.96</b>
<b>2020 Average</b>	<b>3.87</b>	<b>3.19</b>	<b>5.75</b>	<b>8.94</b>
<b>2021 Average</b>	<b>3.92</b>	<b>3.24</b>	<b>5.75</b>	<b>8.99</b>
<b>2022 Average</b>	<b>4.04</b>	<b>3.31</b>	<b>5.75</b>	<b>9.07</b>
January	4.21	3.39	5.75	9.14
February	4.16	3.38	5.75	9.13
March	4.15	3.37	5.76	9.13
April	4.03	3.29	5.76	9.05
May	4.04	3.31	5.74	9.05
June	4.01	3.28	5.76	9.04
July	4.01	3.23	5.75	8.98
August	4.01	3.26	5.75	9.01
September	4.10	3.34	5.74	9.08
October	4.19	3.39	5.74	9.13
November	4.26	3.45	5.76	9.21
December	4.29	3.44	5.75	9.19
<b>2023 Average</b>	<b>4.12</b>	<b>3.34</b>	<b>5.75</b>	<b>9.10</b>

## Monthly Average Pool Tests of Producer Milk, 2023 *(continued)*

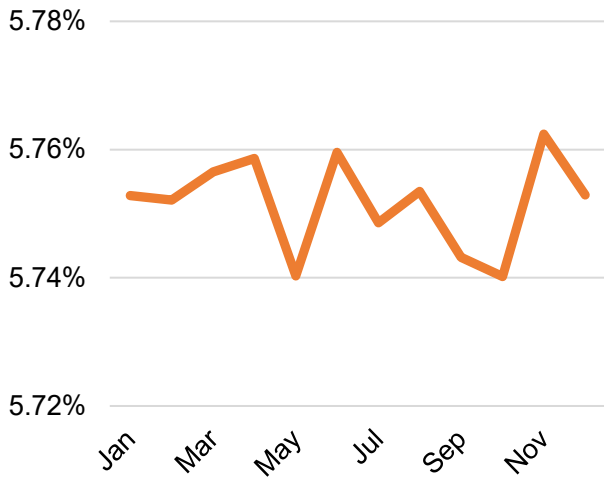
**Butterfat**



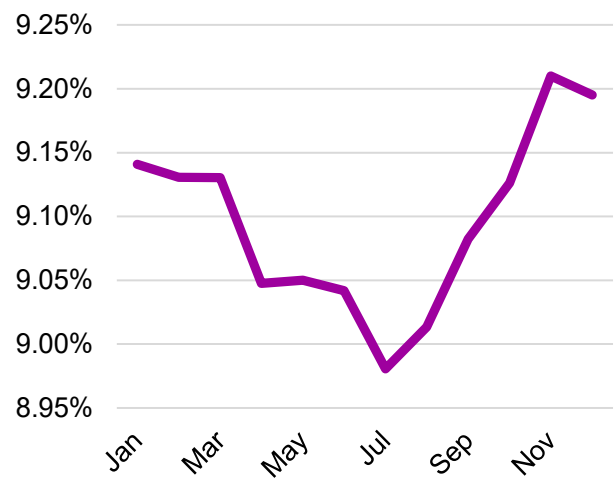
**Protein**



**Other Solids**



**Nonfat Solids**



## Computation of Annual Weighted Average Price for Pooled Producer Milk, 2023

	Product Pounds	Component Value	Total Value
Class I— Skim	4,583,988,504	\$514,932,764.87	
Butterfat	113,103,472	339,802,851.16	
Less: Location Adjustment to Handlers		(9,695,026.06)	\$845,040,589.96
Class II— Butterfat	176,467,293	525,270,856.25	
Nonfat Solids	102,841,544	114,567,317.62	639,838,173.87
Class III— Butterfat	597,703,450	1,778,667,508.25	
Protein	562,734,954	1,052,722,032.64	
Other Solids	957,581,169	155,474,781.42	2,986,864,322.31
Class IV— Butterfat	201,315,652	570,143,726.35	
Nonfat Solids	348,975,465	356,020,274.40	926,164,000.75
<b>Total Classified Value</b>			<b>\$5,397,907,086.89</b>
Add: Overage—All Classes			1,051,877.57
Inventory Reclassification—All Classes			(291,500.25)
Other Source Receipts	852,693		34,728.60
<b>Total Pool Value</b>			<b>\$5,398,702,192.81</b>
Less: Value of Producer Butterfat	908,483,328	(3,208,446,611.40)	
Value of Producer Protein	744,583,931	(1,728,331,287.22)	
Value of Producer Other Solids	1,290,922,520	(260,791,922.28)	<b>(5,197,569,820.90)</b>
<b>Total PPD Value Before Adjustments</b>			<b>\$201,132,371.91</b>
Add: Location Adjustment to Producers			102,002,128.12
One-half Unobligated Balance—Producer Settlement Fund			11,800,572.15
Less: Producer Settlement Fund—Reserve			(11,765,567.23)
<b>Total Pool Milk &amp; PPD Value</b>	26,418,396,519		<b>\$303,169,504.95</b>
Producer Price Differential		<b>\$1.15</b>	
Statistical Uniform Price*		<b>\$18.28</b>	

*Total value of milk in the pool* →

*Total Class III value of producer components* →

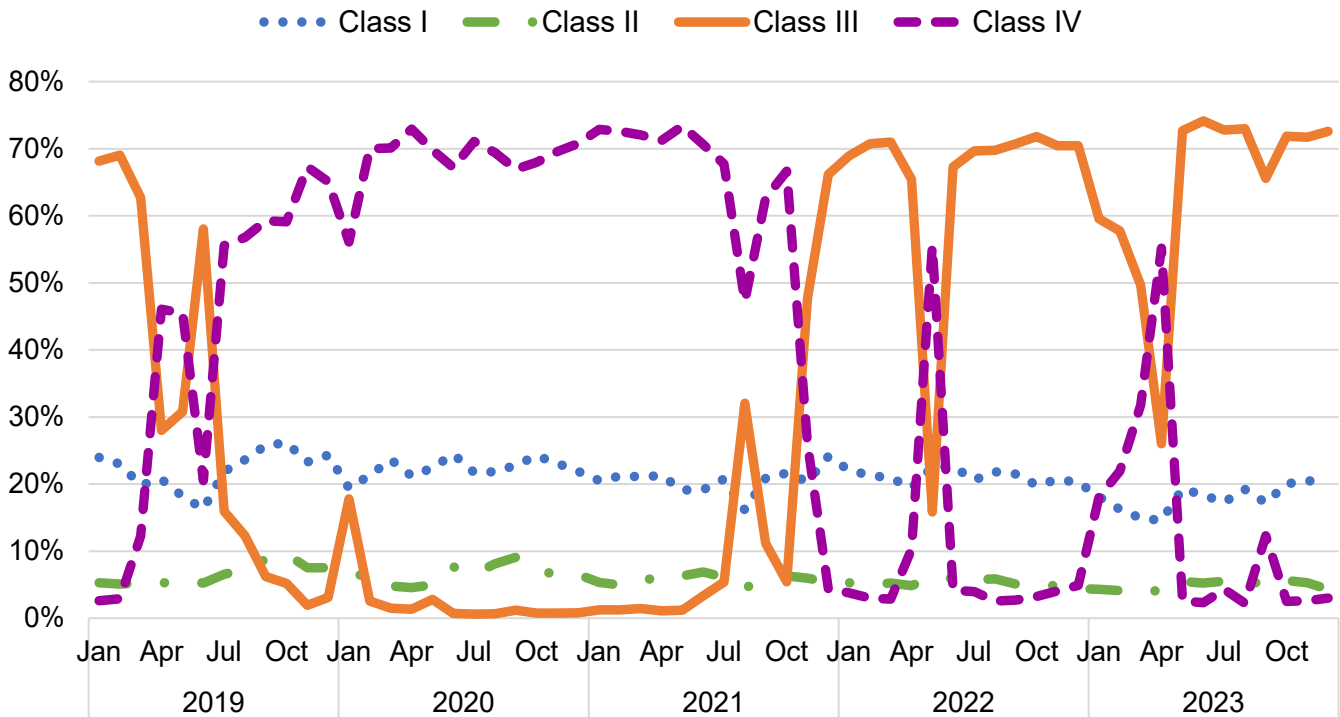
Value from which PPD per hundredweight is calculated

Calculated using the 2023 weighted average Class III price--\$17.14 per cwt.--and the weighted average PPD.

\* Price at 3.5 percent butterfat, 2.99 percent protein, and 5.69 percent other solids.

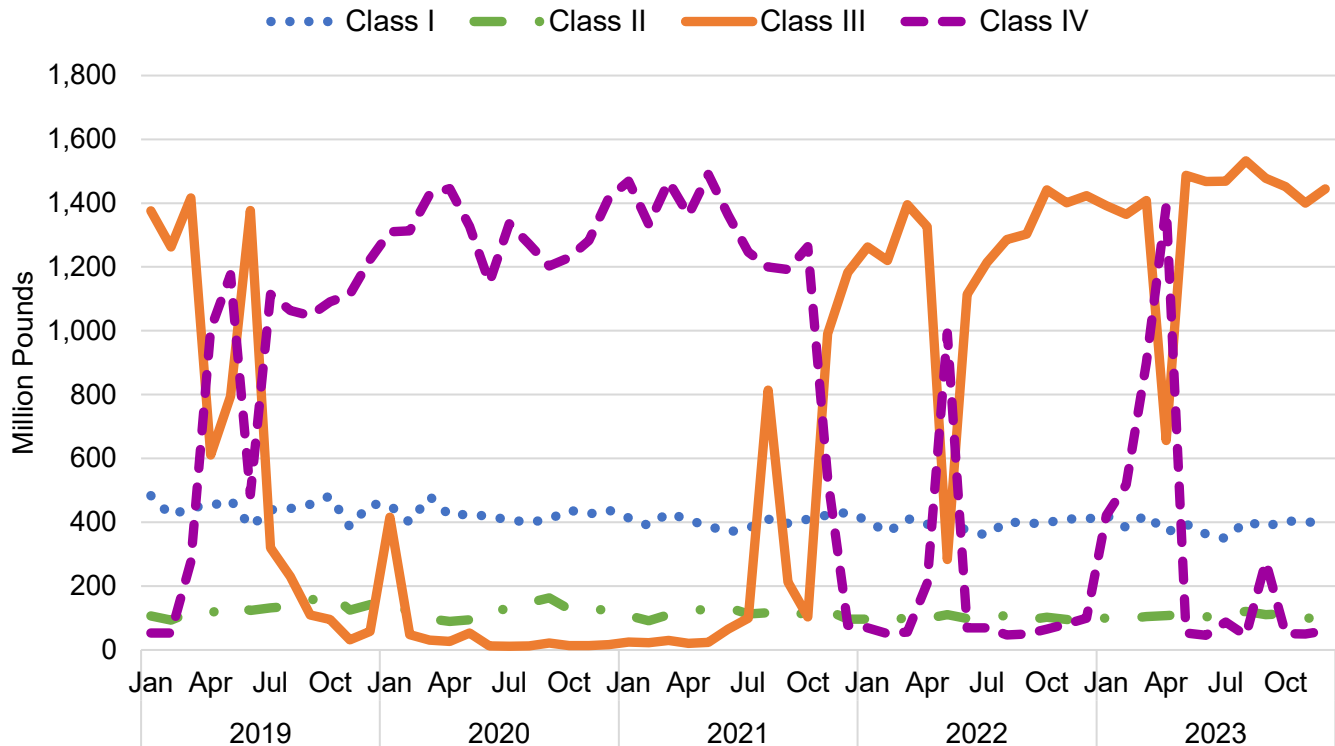
## Share of Monthly Pool Utilization by Class, 2019-2023

	Class I	Class II	Class III	Class IV
	percent			
<b>2019 Average</b>	<b>22.2</b>	<b>6.6</b>	<b>30.1</b>	<b>41.1</b>
<b>2020 Average</b>	<b>22.3</b>	<b>6.6</b>	<b>2.6</b>	<b>68.5</b>
<b>2021 Average</b>	<b>20.5</b>	<b>5.8</b>	<b>14.8</b>	<b>58.9</b>
<b>2022 Average</b>	<b>21.1</b>	<b>5.3</b>	<b>65.2</b>	<b>8.4</b>
January	18.1	4.3	59.6	18.1
February	16.2	4.1	57.8	21.9
March	14.9	3.7	49.7	31.7
April	14.6	4.3	26.0	55.1
May	19.3	5.5	72.7	2.6
June	18.3	5.2	74.1	2.3
July	17.3	5.5	72.8	4.3
August	19.2	5.7	73.0	2.2
September	17.2	4.9	65.6	12.3
October	20.0	5.6	71.9	2.5
November	20.5	5.3	71.7	2.6
December	20.1	4.3	72.6	3.0
<b>2023 Average</b>	<b>18.0</b>	<b>4.9</b>	<b>64.0</b>	<b>13.2</b>



## Monthly Pool Utilization by Class, 2019-2023

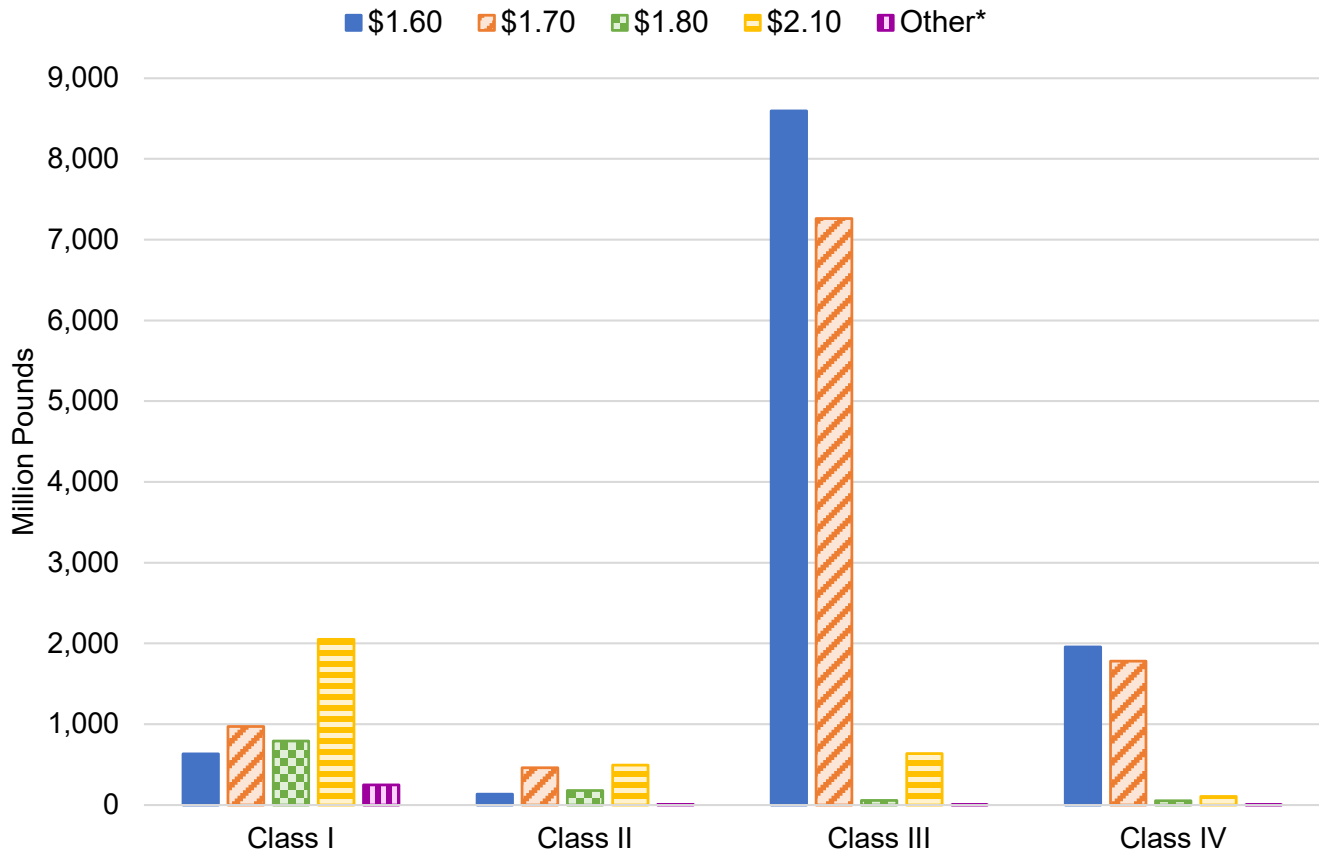
	Class I	Class II	Class III	Class IV
	million lbs			
<b>2019 Average</b>	<b>443.44</b>	<b>130.49</b>	<b>640.22</b>	<b>808.50</b>
<b>2020 Average</b>	<b>426.50</b>	<b>125.02</b>	<b>56.11</b>	<b>1,309.41</b>
<b>2021 Average</b>	<b>403.97</b>	<b>113.69</b>	<b>299.04</b>	<b>1,166.89</b>
<b>2022 Average</b>	<b>394.06</b>	<b>98.40</b>	<b>1222.53</b>	<b>154.91</b>
January	422.16	100.85	1,392.21	422.09
February	382.98	97.28	1,365.02	517.67
March	423.44	104.32	1,408.21	900.06
April	367.74	107.64	656.16	1,390.95
May	394.43	111.88	1,486.88	52.71
June	362.96	103.29	1,468.20	46.25
July	349.27	111.06	1,468.53	87.18
August	402.29	120.57	1,532.57	45.21
September	386.91	110.40	1,477.43	275.95
October	404.86	113.26	1,451.66	50.59
November	401.00	102.63	1,400.25	50.05
December	399.05	86.37	1,444.87	60.20
<b>2023 Average</b>	<b>391.42</b>	<b>105.80</b>	<b>1,379.33</b>	<b>324.91</b>





## Receipts of Producer Milk by Location Differential, 2023

Location Differential	Class I	Class II	Class III	Class IV
million lbs				
<b>2019 Total</b>	<b>5,321.28</b>	<b>1,565.87</b>	<b>7,682.68</b>	<b>9,702.06</b>
<b>2020 Total</b>	<b>5,117.97</b>	<b>1,500.29</b>	<b>673.27</b>	<b>15,712.95</b>
<b>2021 Total</b>	<b>4,847.65</b>	<b>1,364.31</b>	<b>3,588.50</b>	<b>14,002.63</b>
<b>2022 Total</b>	<b>4,728.74</b>	<b>1,180.78</b>	<b>14,670.31</b>	<b>1,858.98</b>
\$1.60	633.81	133.15	8,593.85	1,957.00
\$1.70	971.87	459.84	7,261.09	1,781.63
\$1.80	791.61	177.38	56.79	50.58
\$2.00	R	R	R	R
\$2.10	2,050.83	492.98	635.48	105.32
Other*	248.96	6.20	4.78	4.38
<b>2023 Total</b>	<b>4,697.09</b>	<b>1,269.55</b>	<b>16,552.00</b>	<b>3,898.91</b>



\* 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, 2019-2023

	Order No. 32 Central	All Other Orders*	Exempt and Producer Handlers**	Partially Regulated Plants	Total
	lbs				
<b>2019 Total</b>	<b>62,064,449</b>	<b>260,535,105</b>	<b>6,894,121</b>	<b>56,150,692</b>	<b>385,644,367</b>
<b>2020 Total</b>	<b>117,647,677</b>	<b>266,059,027</b>	<b>6,509,033</b>	<b>78,125,330</b>	<b>468,341,067</b>
<b>2021 Total</b>	<b>135,631,872</b>	<b>283,901,233</b>	<b>4,192,923</b>	<b>80,166,967</b>	<b>503,892,995</b>
<b>2022 Total</b>	<b>135,101,728</b>	<b>256,403,635</b>	<b>9,236,925</b>	<b>98,485,020</b>	<b>499,227,308</b>
January	11,541,057	24,655,604	967,623	8,643,340	45,807,624
February	9,978,560	21,013,693	788,482	5,151,077	36,931,812
March	11,780,654	22,903,409	1,002,372	7,707,573	43,394,008
April	11,593,333	21,026,065	867,497	7,671,973	41,158,868
May	11,160,945	18,471,094	999,203	10,671,768	41,303,010
June	11,410,414	19,794,007	923,237	8,502,258	40,629,916
July	10,917,464	21,107,986	914,374	6,161,710	39,101,534
August	12,465,569	19,620,692	943,737	9,250,910	42,280,908
September	12,788,158	21,560,108	996,049	5,220,364	40,564,679
October	12,481,911	21,433,041	1,013,916	5,976,628	40,905,496
November	11,815,212	20,101,882	1,003,816	7,074,935	39,995,845
December	12,385,546	23,487,831	1,013,371	6,685,599	43,572,347
<b>2023 Total</b>	<b>140,318,823</b>	<b>255,175,412</b>	<b>11,433,677</b>	<b>88,718,135</b>	<b>495,646,047</b>

\* All Other Orders includes Order No. 1-Northeast, No. 5-Appalachian, No. 30-Upper Midwest, No. 33-Mideast, No. 124-Pacific Northwest, No. 126-Southwest, and No. 131-Arizona.

\*\* As of 2022, Producer Handler plants are removed from All Other Orders and added to the Exempt column.

## Total Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2023

	Whole Milk	2% Reduced Fat <sup>1</sup>	1% Low Fat <sup>1</sup>	Fat Free <sup>1</sup>	Flavored Products <sup>3</sup>	Lactose- Free <sup>4</sup>	Other <sup>5</sup>
	million lbs						
<b>2019 Total<sup>2</sup></b>	<b>1,828.18</b>	<b>1,700.81</b>	<b>603.47</b>	<b>287.51</b>	<b>280.46</b>	<b>166.56</b>	<b>59.89</b>
<b>2020 Total<sup>2</sup></b>	<b>1,834.17</b>	<b>1,654.62</b>	<b>569.06</b>	<b>221.05</b>	<b>175.66</b>	<b>174.67</b>	<b>62.86</b>
<b>2021 Total<sup>2</sup></b>	<b>1,703.05</b>	<b>1,507.02</b>	<b>528.30</b>	<b>198.14</b>	<b>197.44</b>	<b>198.34</b>	<b>71.73</b>
<b>2022 Total<sup>2</sup></b>	<b>1,713.41</b>	<b>1,386.14</b>	<b>482.38</b>	<b>191.38</b>	<b>253.72</b>	<b>218.65</b>	<b>66.65</b>
January	149.99	123.11	41.20	16.17	22.44	20.26	4.40
February	134.93	108.53	37.67	14.73	22.06	16.30	4.15
March	146.71	121.35	42.72	16.45	23.83	20.22	4.84
April	132.83	105.78	36.58	14.57	20.28	18.80	4.23
May	142.36	112.34	42.16	15.75	24.54	17.13	4.49
June	141.55	110.57	32.97	14.09	10.67	17.69	4.56
July	140.11	106.75	30.21	12.60	7.16	18.56	4.00
August	149.12	114.78	38.93	15.40	19.80	20.04	4.62
September	137.47	110.18	39.50	15.59	23.81	19.59	4.54
October	145.24	112.45	42.16	16.02	25.70	22.87	7.16
November	147.62	118.55	38.45	15.32	20.48	19.78	9.80
December	150.31	118.78	36.15	15.19	17.66	20.64	8.12
<b>2023 Total<sup>2</sup></b>	<b>1,718.25</b>	<b>1,363.16</b>	<b>458.70</b>	<b>181.87</b>	<b>238.41</b>	<b>231.88</b>	<b>64.91</b>

<sup>1</sup> Includes fortified products.

<sup>2</sup> Total monthly volume utilized by Federal Order 51 pool plants.

<sup>3</sup> Includes flavored milk and flavored drink.

<sup>4</sup> Includes all lactose-free products regardless of fat content.

<sup>5</sup> Includes buttermilk and eggnog.

## Conventional Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2023

	Whole Milk	2% Reduced Fat <sup>1</sup>	1% Low Fat <sup>1</sup>	Fat Free <sup>1</sup>	Flavored Products <sup>3</sup>	Lactose- Free <sup>4</sup>	Other <sup>5</sup>
million lbs							
<b>2019 Total<sup>2</sup></b>	<b>1,657.95</b>	<b>1,553.54</b>	<b>570.298</b>	<b>271.67</b>	<b>267.71</b>	<b>166.56</b>	<b>59.52</b>
<b>2020 Total<sup>2</sup></b>	<b>1,662.21</b>	<b>1,490.34</b>	<b>539.41</b>	<b>201.74</b>	<b>169.68</b>	<b>174.67</b>	<b>62.37</b>
<b>2021 Total<sup>2</sup></b>	<b>1,546.32</b>	<b>1,349.54</b>	<b>502.64</b>	<b>180.59</b>	<b>188.95</b>	<b>198.34</b>	<b>70.95</b>
<b>2022 Total<sup>2</sup></b>	<b>1,557.36</b>	<b>1,235.97</b>	<b>458.37</b>	<b>175.04</b>	<b>246.11</b>	<b>218.65</b>	<b>65.93</b>
January	135.38	109.40	38.89	14.77	21.94	20.26	4.40
February	119.56	95.78	35.84	13.58	21.26	16.30	4.15
March	132.43	107.95	40.65	15.02	23.18	20.22	4.84
April	121.04	94.48	35.03	13.38	19.79	18.80	4.23
May	128.00	99.12	40.29	14.49	23.90	17.13	4.49
June	129.03	98.65	31.38	12.90	10.30	17.69	4.56
July	126.34	94.76	28.53	11.38	6.72	18.56	4.00
August	132.73	100.15	36.62	13.83	19.18	20.04	4.62
September	123.08	96.41	37.43	14.16	23.31	19.59	4.54
October	129.35	101.02	40.01	14.63	25.17	22.87	7.10
November	131.44	103.40	36.29	13.90	20.00	19.78	9.48
December	134.18	104.30	34.03	13.63	17.20	20.64	7.82
<b>2023 Total<sup>2</sup></b>	<b>1,542.55</b>	<b>1,205.42</b>	<b>435.00</b>	<b>165.66</b>	<b>231.94</b>	<b>231.88</b>	<b>64.23</b>

<sup>1</sup>Includes fortified products.

<sup>2</sup>Total monthly volume utilized by Federal Order 51 pool plants.

<sup>3</sup>Includes flavored milk and flavored drink.

<sup>4</sup>Includes all lactose-free products regardless of fat content.

<sup>5</sup>Includes buttermilk and eggnog.

## Organic Fluid Milk Products Sold in the Marketing Area by Pool Plants, 2019-2023

	Whole Milk	2% Reduced Fat	1% Low Fat	Fat Free	Other**
million lbs					
<b>2019 Total*</b>	<b>170.23</b>	<b>147.27</b>	<b>33.17</b>	<b>15.84</b>	<b>R</b>
<b>2020 Total*</b>	<b>171.96</b>	<b>164.28</b>	<b>29.64</b>	<b>19.31</b>	<b>R</b>
<b>2021 Total*</b>	<b>156.73</b>	<b>157.48</b>	<b>25.66</b>	<b>17.55</b>	<b>R</b>
<b>2022 Total*</b>	<b>156.05</b>	<b>150.18</b>	<b>24.01</b>	<b>16.34</b>	<b>8.33</b>
January	14.61	13.71	2.31	1.40	0.50
February	15.37	12.76	1.82	1.15	R
March	14.28	13.40	2.07	1.43	R
April	11.79	11.30	1.56	1.19	R
May	14.36	13.22	1.87	1.26	R
June	12.52	11.92	1.58	1.19	R
July	13.77	11.99	1.67	1.22	R
August	16.40	14.63	2.31	1.57	R
September	14.39	13.76	2.08	1.43	0.50
October	15.89	11.44	2.15	1.40	0.58
November	16.18	15.15	2.16	1.42	0.80
December	16.13	14.47	2.12	1.56	0.77
<b>2023 Total*</b>	<b>175.70</b>	<b>157.74</b>	<b>23.70</b>	<b>16.21</b>	<b>7.15</b>

\* Total monthly volume utilized by Federal Order 51 Pool Plants.

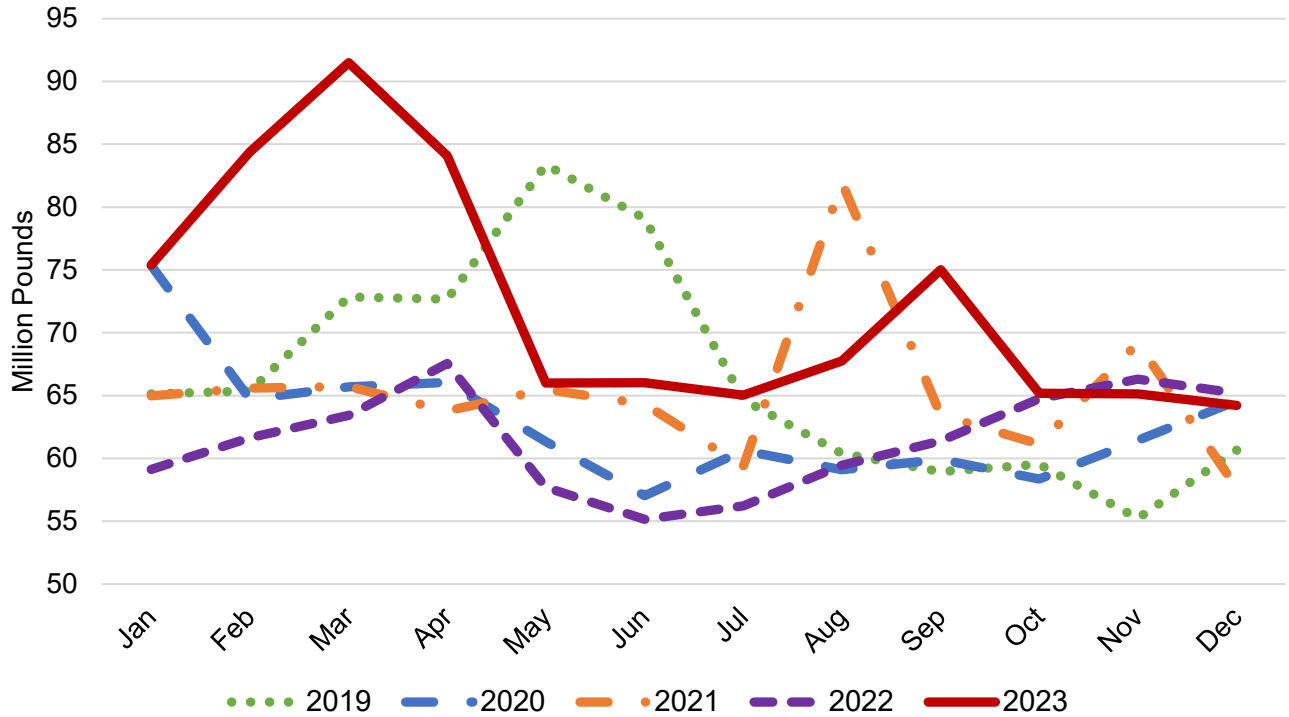
\*\* Includes flavored milk products and eggnog. Volumes noted with an "R" are restricted to maintain confidentiality.

## Average Daily Delivery of Producer Milk, 2019-2023

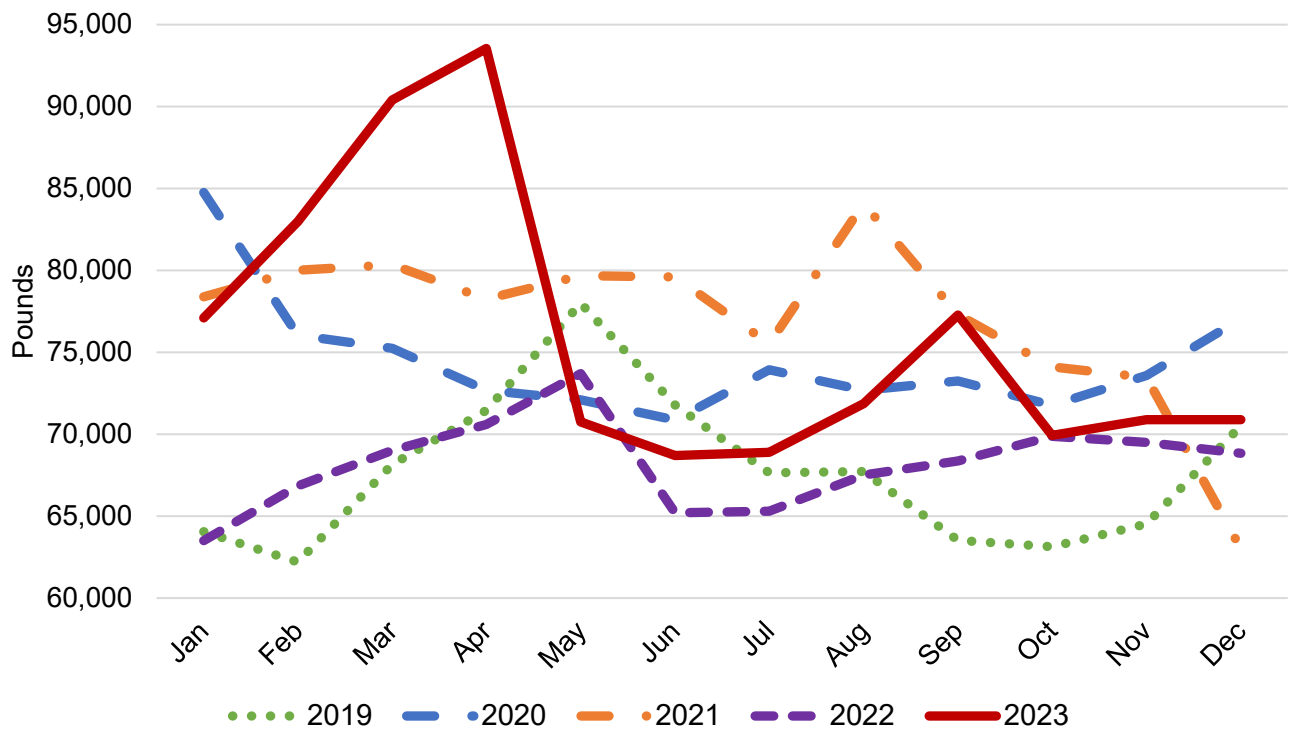
	Avg. Daily Delivery	Avg. Daily Delivery per Producer
	lbs	
<b>2019 Average</b>	<b>66,488,950</b>	<b>67,718</b>
<b>2020 Average</b>	<b>62,845,010</b>	<b>74,489</b>
<b>2021 Average</b>	<b>65,216,711</b>	<b>76,970</b>
<b>2022 Average</b>	<b>61,489,528</b>	<b>68,179</b>
January	75,397,111	77,093
February	84,390,777	82,980
March	91,484,812	90,400
April	84,083,495	93,530
May	65,996,665	70,736
June	66,023,416	68,703
July	65,033,537	68,891
August	67,762,693	71,859
September	75,023,064	77,264
October	65,173,095	69,928
November	65,130,713	70,871
December	64,209,553	70,871
<b>2023 Average</b>	<b>72,475,744</b>	<b>76,094</b>

# Average Daily Delivery of Producer Milk, 2019-2023 *(continued)*

**Average Daily Delivery**

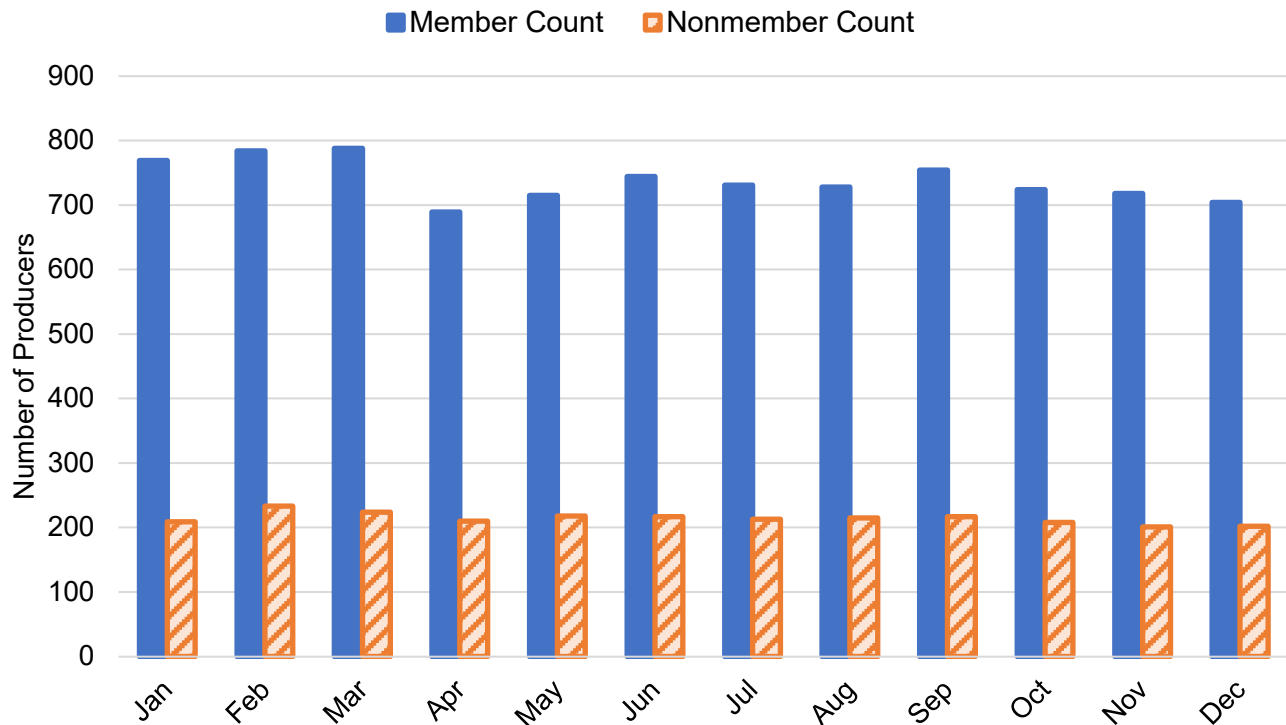


**Average Daily Delivery per Producer**



## Cooperative Member and Nonmember Producer Counts, 2023

	Member Count	Nonmember Count	Total Producer Count
<b>2019 Average</b>	<b>763</b>	<b>217</b>	<b>980</b>
<b>2020 Average</b>	<b>721</b>	<b>122</b>	<b>843</b>
<b>2021 Average</b>	<b>719</b>	<b>129</b>	<b>848</b>
<b>2022 Average</b>	<b>722</b>	<b>181</b>	<b>902</b>
January	769	209	978
February	784	233	1,017
March	788	224	1,012
April	689	210	899
May	715	218	933
June	744	217	961
July	731	213	944
August	728	215	943
September	754	217	971
October	724	208	932
November	718	201	919
December	704	202	906
<b>2023 Average</b>	<b>737</b>	<b>214</b>	<b>951</b>





## Animal Feed, Dumpage, and Other Uses\*, 2019-2023

	Product	Butterfat	Percent of Pooled Pounds	Percent of Pooled Butterfat
	lbs		percent	
<b>2019 Average</b>	<b>1,922,681</b>	<b>42,386</b>	<b>0.10</b>	<b>0.06</b>
<b>2020 Average</b>	<b>4,957,072</b>	<b>157,167</b>	<b>0.26</b>	<b>0.21</b>
<b>2021 Average</b>	<b>5,759,936</b>	<b>180,557</b>	<b>0.29</b>	<b>0.23</b>
<b>2022 Average</b>	<b>7,239,869</b>	<b>257,125</b>	<b>0.39</b>	<b>0.34</b>
January	8,692,382	300,326	0.37	0.31
February	9,026,159	359,791	0.38	0.37
March	7,909,339	309,264	0.28	0.26
April	8,390,239	281,865	0.33	0.28
May	8,822,883	295,295	0.43	0.36
June	8,388,914	271,326	0.42	0.34
July	2,236,867	85,960	0.11	0.11
August	2,453,881	43,164	0.12	0.05
September	1,987,180	79,340	0.09	0.09
October	2,082,920	61,766	0.10	0.07
November	2,025,013	40,473	0.10	0.05
December	2,092,282	47,030	0.11	0.06
<b>2023 Average</b>	<b>5,342,338</b>	<b>181,300</b>	<b>0.24</b>	<b>0.19</b>

\* 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\*, 2023

State and County	January		February		March		April		May		June	
	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs
<b>California</b>												
Butte	R	R	R	R	R	R	R	R	R	R	R	R
Del Norte	3	1,450,647	3	2,105,125	3	2,094,102	3	2,612,671	3	1,904,696	3	1,613,662
Fresno	53	157,729,363	53	161,367,240	54	202,305,221	38	155,073,263	54	148,821,990	54	136,056,297
Glenn	12	21,311,780	12	17,901,996	12	21,158,274	12	20,319,636	12	15,582,321	12	16,830,145
Humboldt	15	3,604,842	15	3,404,553	13	3,269,898	13	3,527,587	13	3,499,187	13	2,189,455
Imperial	R	R	R	R	R	R	R	R	R	R	R	R
Kern	46	260,225,920	46	254,665,588	46	323,325,197	46	282,904,109	44	203,686,364	43	194,454,524
Kings	91	227,738,517	90	216,351,029	92	269,266,146	65	191,380,625	86	217,477,155	85	220,124,813
Los Angeles	R	R	R	R	R	R	R	R	R	R	R	R
Madera	27	92,589,283	27	111,770,452	27	133,901,639	25	116,470,314	22	52,539,624	26	55,525,247
Marin	15	5,673,088	15	5,290,053	15	5,640,827	15	5,450,408	15	5,785,961	15	5,176,343
Mendocino	R	R	R	R	R	R	R	R	R	R	R	R
Merced	157	443,029,495	166	437,236,479	170	530,156,662	158	489,754,501	141	376,360,351	153	353,730,213
Monterey	R	R	R	R	R	R	R	R	R	R	R	R
Placer	R	R	R	R	R	R	R	R	R	R	R	R
Riverside	17	63,748,148	17	59,445,691	17	62,786,820	16	61,861,943	16	63,929,907	16	59,260,067
Sacramento	16	21,280,583	16	19,605,338	17	23,761,789	17	24,260,246	16	21,679,769	17	20,711,988
San Bernardino	27	46,281,475	27	44,202,825	27	47,093,842	26	39,579,606	26	49,246,592	26	45,033,750
San Diego	R	R	R	R	R	R	R	R	R	R	R	R
San Joaquin	75	157,068,772	77	157,615,650	77	189,864,832	76	175,013,270	68	142,778,840	70	139,280,073
San Luis Obispo	R	R	R	R	R	R	R	R	R	R	R	R
Santa Barbara	R	R	R	R	R	R	R	R	R	R	R	R
Siskiyou	0	0	0	0	0	0	0	0	0	0	0	0
Solano	R	R	R	R	R	R	R	R	R	R	R	R
Sonoma	48	31,286,779	49	28,005,374	48	30,423,244	48	28,101,787	49	28,702,096	48	26,308,024
Stanislaus	132	229,025,300	140	234,754,953	143	296,946,677	132	275,882,595	129	224,245,427	136	209,001,773
Tehama	R	R	R	R	R	R	R	R	R	R	R	R
Tulare	202	475,266,429	205	502,762,565	208	588,333,011	168	547,172,967	191	412,828,208	200	426,672,460
Yolo	R	R	R	R	R	R	R	R	R	R	R	R
Yuba	R	R	R	R	R	R	R	R	R	R	R	R
Other**	16	37,705,652	16	37,377,775	16	41,061,410	15	39,660,733	15	42,318,257	15	38,824,472
<b>Total</b>	<b>952</b>	<b>2,275,016,073</b>	<b>974</b>	<b>2,293,862,686</b>	<b>985</b>	<b>2,771,389,591</b>	<b>873</b>	<b>2,459,026,261</b>	<b>900</b>	<b>2,011,386,745</b>	<b>932</b>	<b>1,950,793,306</b>
<b>Nevada</b>												
Churchill	14	30,273,968	14	21,923,788	14	31,915,571	14	31,861,143	5	5,967,890	5	5,024,467
Nye	4	14,364,600	4	13,581,560	4	15,231,800	4	14,446,820	4	15,975,959	4	14,969,340
Other**	2	15,325,243	2	14,227,136	2	15,245,106	2	15,584,447	2	6,052,340	2	5,827,820
Total	20	59,963,811	20	49,732,484	20	62,392,477	20	61,892,410	11	27,996,189	11	25,821,627
<b>All Other States***</b>	<b>6</b>	<b>2,330,560</b>	<b>23</b>	<b>19,346,586</b>	<b>7</b>	<b>2,247,116</b>	<b>6</b>	<b>1,586,165</b>	<b>22</b>	<b>6,513,689</b>	<b>18</b>	<b>4,087,532</b>
<b>Grand Total*</b>	<b>978</b>	<b>2,337,310,444</b>	<b>1,017</b>	<b>2,362,941,756</b>	<b>1,012</b>	<b>2,836,029,184</b>	<b>899</b>	<b>2,522,504,836</b>	<b>933</b>	<b>2,045,896,623</b>	<b>961</b>	<b>1,980,702,465</b>

\* 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. Counties with restricted data are noted with an "R".  
 \*\*\* Represents data from the states of Idaho, New Mexico, Oregon, and Texas.

# Producer Receipts of Pooled Milk by State and County\*, 2023 (continued)

State and County	July		August		September		October		November		December		2023 Total <sup>1</sup>	
	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs	# Prod.	Milk Lbs
<b>California</b>														
Butte	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Del Norte	3	1,407,782	3	1,420,920	3	1,383,177	3	1,730,483	3	1,637,075	3	1,613,310	3	1,613,310
Fresno	54	136,978,377	54	137,847,577	52	153,934,059	52	144,760,393	52	145,254,673	52	149,685,998	52	1,829,814,451
Glenn	12	13,686,897	12	12,688,107	12	12,236,319	12	12,174,098	11	11,848,162	12	14,444,799	12	190,182,534
Humboldt	10	1,883,592	17	2,330,700	15	2,418,935	11	2,048,979	12	2,350,497	10	2,232,364	10	32,760,589
Imperial	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Kern	43	197,197,658	43	224,270,983	44	245,652,709	43	214,852,857	43	209,127,145	44	194,859,912	44	2,805,222,966
Kings	86	214,231,830	87	223,025,286	87	220,080,389	88	214,054,519	86	202,283,884	86	237,594,957	86	2,653,609,150
Los Angeles	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Madera	24	56,404,217	26	68,886,050	28	95,127,271	26	61,933,613	26	60,167,682	25	54,084,277	25	959,399,669
Marin	14	4,820,002	14	4,702,901	14	4,518,078	14	4,643,473	14	4,584,936	14	4,811,607	14	61,097,677
Mendocino	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Merced	156	379,359,991	154	399,963,870	157	431,431,868	148	363,655,109	147	355,139,221	140	359,160,764	140	4,918,978,524
Monterey	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Placer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Riverside	16	53,802,049	15	53,723,625	15	55,741,625	15	57,767,608	14	55,136,064	14	58,525,466	14	705,729,013
Sacramento	17	20,071,444	16	20,304,623	16	20,378,391	15	19,765,657	16	19,167,600	16	20,015,751	16	251,003,179
San Bernardino	27	42,851,936	25	41,532,302	27	39,279,536	26	40,387,210	26	39,153,068	26	40,134,838	26	514,776,980
San Diego	R	R	R	R	R	R	R	R	R	R	R	R	R	R
San Joaquin	71	140,677,823	72	146,535,895	73	153,519,957	70	143,136,699	67	134,471,489	68	134,471,897	68	1,814,435,197
San Luis Obispo	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Santa Barbara	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Siskiyou	0	0	0	0	3	172,749	3	172,749	3	172,749	3	172,749	3	172,749
Solano	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Sonoma	48	27,622,138	48	27,786,029	47	26,063,105	47	26,379,129	46	25,906,557	46	26,687,887	46	333,272,149
Stanislaus	138	220,459,346	136	234,360,344	137	236,479,666	136	216,935,758	132	212,625,759	127	218,258,595	127	2,808,976,193
Tehama	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Tulare	193	443,059,637	189	439,587,330	204	485,356,147	190	433,464,402	191	413,319,794	191	407,283,128	191	5,575,106,078
Yolo	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Yuba	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Other**	16	36,460,853	15	35,791,649	15	33,456,879	16	35,316,048	17	34,122,853	16	36,614,457	16	448,711,038
<b>Total</b>	<b>928</b>	<b>1,990,975,572</b>	<b>926</b>	<b>2,074,758,191</b>	<b>949</b>	<b>2,217,230,860</b>	<b>912</b>	<b>1,993,006,035</b>	<b>903</b>	<b>1,926,296,459</b>	<b>890</b>	<b>1,960,480,007</b>	<b>890</b>	<b>25,924,221,786</b>
<b>Nevada</b>														
Churchill	5	4,703,902	7	5,934,321	11	10,510,169	6	5,155,139	8	5,339,041	6	5,688,538	6	164,297,937
Nye	4	12,238,100	4	10,260,660	4	10,747,900	4	12,473,150	4	13,004,300	4	15,489,820	4	162,784,009
Other**	2	5,985,423	2	6,308,437	2	9,362,911	2	6,823,587	2	6,899,879	2	6,296,691	2	113,939,020
Total	11	22,927,425	13	22,503,418	17	30,620,980	12	24,451,876	14	25,243,220	12	27,475,049	12	441,020,966
<b>All Other States***</b>	<b>5</b>	<b>2,136,660</b>	<b>4</b>	<b>3,381,884</b>	<b>5</b>	<b>2,840,087</b>	<b>8</b>	<b>2,908,020</b>	<b>2</b>	<b>2,381,700</b>	<b>4</b>	<b>2,541,075</b>	<b>4</b>	<b>52,301,074</b>

<sup>1</sup> Total represents sum of unrestricted data listed in prior months. Does not equal total pooled production in 2021 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. Counties with restricted data are noted with an "R".

\*\*\* Represents data from the states of Idaho, New Mexico, Oregon, and Texas.