



California

# Dairy Statistics 2008





# CONTACT INFORMATION Contacts for the California Dairy Industry

## Office of the Secretary

A.G. Kawamura, *Secretary*, 654-0433  
Will Brown, *Undersecretary*, 654-0321  
Dr. Richard Breitmeyer, DVM, *State Veterinarian*,  
651-6870

## ANIMAL HEALTH AND FOOD SAFETY SERVICES

Dr. Annette Whiteford, DVM, *Director*, 654-0881,  
Fax 653-4249

### Animal Health Branch

Kent Fowler, DVM, *Chief*, 654-1447, Fax 653-2215

### District Veterinarians

Redding: Charles Palmer, DVM, (530) 225-2140  
Modesto: David Willoughby, DVM, (209) 491-9350  
Tulare: Melanie Swartz, DVM, (559) 685-3500  
Ontario: David Kerr, DVM, (909) 947-4462

### Environmental Programs

Ken Trott, *Director*, 657-4956  
Rolf Frankenbach, *Air Quality*, 651-9446  
Eddie Hard, *Water Quality*, 653-0873

### Livestock Identification Branch

Greg Lawley, *Chief*, 654-0889, Fax 653-5190

### Regional Administrators

Northern California: John Romano (530) 347-5721  
North Central California: John Romano, (209) 491-9345  
South Central California: Richard Wright, (559) 685-3505  
Southern California: Wayne Williams, (909) 923-8721

### Milk & Dairy Foods Control Branch

Stephen Beam PhD., *Chief*, 653-0773,  
Fax 654-7512

### Agriculture Program Supervisor

Kristen Dahl, 654-1981

### Licensing

Facilities, Nancy Handford, 654-0916  
Personal Licenses, Ashley Cornejo, 654-0785

### Regional Coordinators

Stockton: George Salsa, (209) 466-7186  
Oakland: John Macy, (510) 622-4810  
Fresno: David Krall, (559) 445-5506  
Ontario: Vacant, (909) 923-9929

## Meat & Poultry Inspection Branch

Dennis Thompson, DVM, *Chief*, 654-0504, Fax 654-2608

### District Veterinarians

Sacramento: Doug Hepper, DVM, 654-0504  
Fresno: Herbert Radigtsch, DVM, (559) 233-7318  
Ontario: Namara Garbaba, DVM, (909) 773-0079

## MARKETING SERVICES

Vacant, *Director*, 445-5055, Fax 445-2655

### Dairy Marketing Branch

David K. Ikari, *Chief*, 341-5988, Fax 341-6697

### California Dairy Statistics

Karen Dapper, 341-5988, Fax 341-6697

### Economics/Pricing

Candace Gates, 341-5988, Fax 341-6697

### Production Cost Unit

Mike Francesconi, 341-5988, Fax 341-6697

### Manufacturing Cost Unit

Venetta Reed, 341-5988, Fax 341-6697

### Enforcement & Unlawful Practices

David Ikari, 341-5988, Fax 341-6697

### Milk Pooling Branch

John Lee, *Chief*, 341-5901, Fax 341-5995

### Pool Operations

Don Shippelhouse, 341-5901, Fax 341-5995

### Pool Audits

Nancy Hartman, Dan Roderick, Marlene Wride,  
Sunday Ikenador, 341-5901, Fax 341-5995

### Producer Payments, Licenses & Bonds

John Bressett, 341-5901, Fax 341-5995

### Marketing Branch

Bob Maxie, *Chief*, 341-6005, Fax 341-6826  
Dennis Manderfield, Glenn Yost

*Area Code is (916) unless otherwise noted.*



California Department of Food and Agriculture  
1220 N Street, Sacramento, CA 95814  
Homepage Website: <http://www.cdfa.ca.gov/dairy>  
Email address: [dairy@cdfa.ca.gov](mailto:dairy@cdfa.ca.gov)



C A L I F O R N I A  
**Dairy Statistics 2008**

This publication was prepared in the Division of Marketing Services, Dairy Marketing Branch, by:

**Dairy Statistics Unit Staff:**

Karen Dapper, Research Manager  
 Dickson Owino, Research Analyst  
 Lu Tang, Research Analyst

**In Cooperation With:**

Dairy Marketing Branch's Economics, Manufacturing Cost, and Cost of Production Units; Milk Pooling Branch

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U.S. Department of Agriculture  
 Washington, D.C.  
 Tom Vilsack, Secretary

National Agricultural Statistics Service  
 Ron Bosecker, Administrator  
 Vic Tolomeo, California Statistician

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**California Department of Food and Agriculture**

A.G. Kawamura, Secretary  
 Dairy Marketing Branch

1220 N Street, Sacramento, CA 95814  
 (916) 341-5988 / www.cdfa.ca.gov/dairy

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**2008 Dairy Industry**

**Commercial Milk Production**

**Sales and Production of Dairy Products**

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# California's Dairy Industry in 2008



**T**he year 2008 was a display of uneventful weather patterns, abundantly available energy resources, and continued milk production growth. California responded to the record setting class prices of mid-2008 with strong and steady milk production. For the third year in a row, all 12 months of 2008 recorded over three billion pounds in milk production, with an annual total milk production again surpassing 40 billion pounds. The month of March recorded the highest level ever of milk production for a single month in California, at 3.64 billion pounds. Shortly after, the lack of adequate plant capacity to handle California's milk production reached a breaking point as California plants and producers were frantically searching for homes for the excess milk production. Reducing the milk supply became the overriding issue facing the dairy industry and the cooperatives and other processing plants initiated production base caps for their producers.

Five of the last six months of 2008 recorded a net decrease in milk production when compared to the same time period in 2007. Consequently, the 12-month 2008 milk production growth compared to 2007 was the lowest since 2003, at 1.3 percent, with the last five-years averaging an overall 3.1 percent milk production growth.

Producers faced record-setting feed and fuel prices while at the same time the average price paid to producers were close to the record setting 2007 prices paid to producers until the 4th quarter of 2008. By the end of 2008, average prices paid to producers had dropped to January 2007 levels.

Other factors affecting the slowed milk production were: the continued decreasing number of dairies in the state; another Cooperatives Working Together (CWT) herd retirement buyout; skyrocketing feed prices encouraging producers to change to cheaper, less protein-rich feed rations; and the continuing pressure of environmental and water regulation concerns (which forced some producers to limit the size of their herds). Overall, besides the pressure put on producers with the milk production caps and higher than usual feed costs, the record setting annual average prices paid to producers in 2007 and early 2008, had decreased considerably by December.

Although 34 counties contributed to the state's milk production, the bulk of the milk production (69.5 percent)

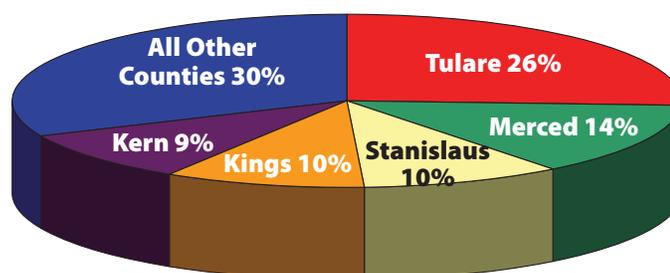
was recorded by Tulare, Merced, Stanislaus, Kings and Kern counties. Milk production per cow in California was estimated at 21,165 pounds per cow and the number of dairy cows in the state increased slightly to 1.87 million (USDA figures).

## Utilization

Utilization in 2008 changed the course of the past few years with butter and nonfat dry milk powder production playing the major roles in how plants utilized the milk supply, increasing their percentage of utilization from 27 percent in 2007 to 34 percent in 2008. For 2008, as compared to 2007, California nonfat dry milk production increased 13.0 percent and butter production increased 11.3 percent. The continued annual growth in total cheese production in California came to a halt as 2008 total cheese production levels slid below those of 2005. Even though cheese consumption by consumers continued to be on the rise, other states accommodated that need by building or expanding numerous cheese plants (thus narrowing the opportunities for California

cheese to be exported to other states). The gain in utilization of milk into butter and powder was evident in the decrease in the Class 4b utilization, which fell from 49 percent to 43 percent. Mozzarella, Cheddar, and Jack cheeses

## Milk Production by County, 2008



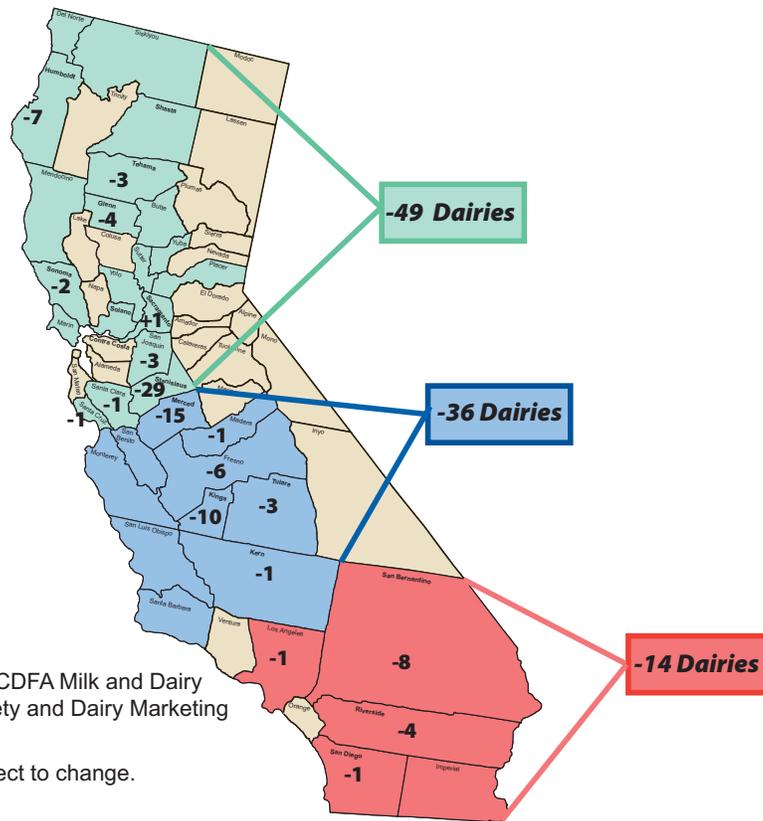
accounted for 84 percent of all cheese produced in California. All types of cheese showed a decrease in production compared to 2007, with the exception of Hispanic cheese which recorded a 0.2 percent increase. The utilization of pooled milk into Class 1 (fluid milk) products stayed the same as 2007, averaging 14.3 percent for the entire year. Compared to 2007, Class 1 sales (milk used for fluid purposes) showed an increase of 1.2 percent. Overall, sales of reduced-fat, lowfat, skim milks and half-and-half showed increases, while whole milk sales were down 3.9 percent from 2007.

### California's Dairy Landscape

The dairy landscape in California is rapidly changing with the loss in 2008 of 99 dairies, as shown on the map. Dairies in California continue to relocate to other states or are shutting down completely. In 2008 (compared to 2007), all three highlighted areas shown on the map experienced a net loss in the overall number of dairies.

Overall, California recorded a net loss of **99** dairies compared to 2007. Stanislaus County recorded the largest decrease of **29** dairies, followed by Merced County, showing a decline of **15** dairies. Sacramento was the only county

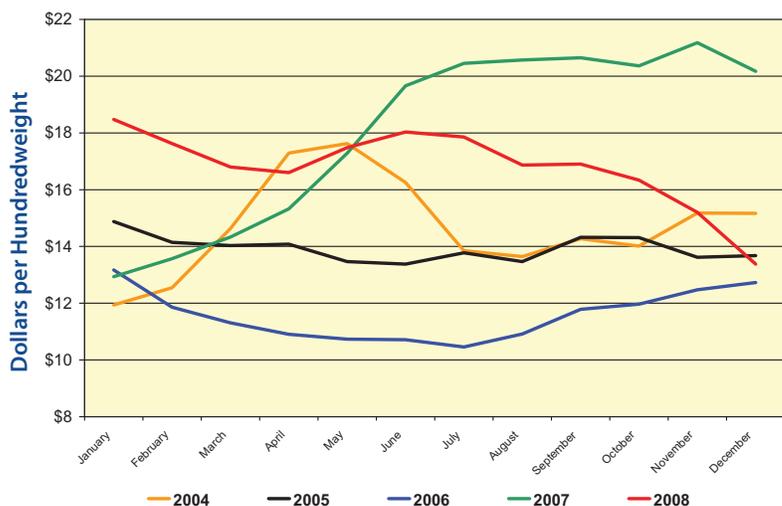
## California's Rapidly Changing Dairy Landscape 2008 Total Number of Dairies Shows a Decline of 99 Dairies ...



recording an increase in the number of dairies, adding **1** dairy to its total. The northern California region (green shaded area) showed the largest change in the number of dairies, recording a net loss of **49** dairies. The Valley region (blue shaded area) showed a net loss of **36** dairies, following last year's net loss of only **4** dairies. The southern California region (red shaded area) continued to lose dairies, with a loss of **14** dairies, however, that was a

loss of **4** less dairies than recorded in 2007.

### Average Prices Paid to Producers, 2004-2008



The federal Milk Income Loss Contract (MILC) program was renewed in the 2008 Farm Bill, however the Boston Class I price was too high during 2008 to initiate payments to producers. Early 2009 class prices will most likely initiate the beginning of the MILC payments to producers. The CWT program continued to accept dairy product export bids and completed two rounds of the herd retirement program where producers submitting bids for their milking herds also had the option of selling all their bred heifers. In 2008, the herd retirement program removed 85,663 cows out of the milking herd and decreased milk production by 1.637 billion pounds of milk.

that was a loss of **4** less dairies than recorded in 2007.

(Continued next page)



### **Milk Prices**

For 2008, the 12-month average price paid to producers was \$16.80 per hundredweight (low: \$13.38, high: \$18.48), down 6.9 percent from the average prices paid to producers in 2007. Throughout the first half of the year, the continued strong world prices for dairy products, partially influenced by the drought conditions in Australia and New Zealand, played a role in the demand for U.S. dairy products. Inventories of nonfat dry milk and butter in both the U.S. and European Union were reduced to very low levels, coupled with the steady cheese demand . . . until mid-year when everything started to change. By year-end, the dairy product export market was all but non-existent, the commodity prices were at or near their USDA support price levels, nonfat dry milk and butter were being purchased by the Commodity Credit Corporation, and class prices were nearing historic lows. The government purchases of the commodities is illustrative of the national market imbalance of milk supply and dairy product demand. Producers (particularly small dairy farms in the Midwest and East) may welcome the early 2009 federal payments through the MILC as additional income assistance, however these payments may blunt the market signals that would suggest that milk production must fall in order for milk prices to rise again.

Energy availability and cost were fairly constant throughout 2008, however the high fuel costs experienced at the beginning of the year fell by year end to the lowest levels in three years. Environmental concerns continue to affect both dairy producers and processors here in California and across the U.S.

### **Hearings and Related Issues**

On July 1, 2008, the Department held a public hearing to consider changes in the transportation allowances as

provided in the Pooling Plan for Market Milk (Pool Plan), changes in the transportation credits as provided in the Stabilization and Marketing Plans for Market Milk for the Northern California and Southern California Marketing Areas (Stab Plan), and technical amendments to the Pool Plan. The results of this hearing were to: add a definition for the Dairy Accounting System to the Pool Plan; account for the actual solids-not-fat pounds in calculating the Pool; implement the PC Miler® Program for calculating distances for transportation allowances; and make numerous changes to the transportation allowance and credit rates.

On October 30 and 31, 2008, the Department held a public hearing to consider amendments to the Stab Plans regarding proposed changes to the Class 1, 2, and 3 pricing formulas. The results of this hearing were to: decrease the Class 1 price approximately \$0.35/cwt.; decrease the Class 2 and 3 prices approximately \$0.26/cwt.

### **Dry Whey Committee**

The California State Board of Food and Agriculture, under the direction of the Secretary, assembled members of the California dairy industry to form a Dry Whey Committee (Committee) focusing on reviewing the whey factor used in the formula to establish the minimum Class 4b (milk used to make cheese and dry whey products) farm milk price. The Committee was comprised of seven producer representatives and seven processor representatives. The Committee was charged with the task of providing recommendations to the Secretary on developing a whey pricing system that reflected the world markets while fostering financial equity for the dairy producer



and dairy processor. The Secretary sought a long-term method that was market-based and would signal a proper value for whey that allows both California producers and processors to earn a favorable return from their investments and enterprise. The Committee concluded its meetings in mid-2008 with the following two recommendations for the Secretary: continue in the near term with the current fixed whey factor of \$0.25 cents per cwt. in the Class 4b formula and; 2) explore for the future, in conjunction with the California Legislature, modifications to the milk pricing system such as those presented in one of the alternatives (#4) during the meetings.

### **Facts, Highlights, Rankings**

California continues to be the leading state in agricultural production for over 50 years and the sales of milk and cream are a major commodity, contributing \$6.9 billion in 2008.

- California ranked first in milk production in the U.S., followed in ranking order by: Wisconsin, New York, Idaho, and Pennsylvania.
- California produces 22 percent of the nation's milk supply.
- Approximately 43 percent of California's milk production is used to make cheese.
- Sales of fluid milk in California averaged: 33 percent whole milk, 36 percent reduced-fat milk, 15 percent lowfat milk, and 16 percent skim milk.





C A L I F O R N I A  
**Cows, Production, Receipts**

**California Estimated Number of Milk Cows on Farms, Average Production Per Milk Cow, Total Production on Farms, and Cash Receipts from Farm Marketing of Dairy Products, 2004-2008 <sup>1/</sup>**

Year	Milk Cows & Heifers That Have Calved, On Farms		Average Production Per Milk Cow		Total Production On Farms		Cash Receipts From Farm Marketings Of Dairy Products <sup>2/</sup>
	Jan. 1 Total	Annual Average	Milk	Milk Fat Test	Milk	Milk Fat Test	
	<i>Thousands</i>		<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Percent</i>	<i>Thousand Dollars</i>
2004	1,741	1,725	21,139	3.67	36,465	3.67	5,351,273
2005	1,760	1,755	21,404	3.67	37,564	3.67	5,226,738
2006	1,780	1,780	21,815	3.68	38,792	3.68	4,496,012
2007	1,813	1,813	22,440	3.68	40,646	3.68	7,332,538
2008 <sup>3/</sup>	1,844	1,844	22,344	3.68	41,203	3.68	6,922,104

<sup>1/</sup> USDA/NASS data.  
<sup>2/</sup> All milk and cream.  
<sup>3/</sup> Figures for 2008 are preliminary.



U N I T E D S T A T E S  
**Cows, Production, Receipts**

**United States, Estimated Number of Milk Cows on Farms, Average Production Per Milk Cow, Total Production on Farms, and Cash Receipts from Farm Marketing of Dairy Products, 2004-2008 <sup>1/</sup>**

Year	Milk Cows & Heifers That Have Calved, On Farms		Average Production Per Milk Cow		Total Production On Farms		Cash Receipts From Farm Marketings Of Dairy Products <sup>2/</sup>
	Jan. 1 Total	Annual Average	Milk	Milk Fat Test	Milk	Milk Fat Test	
	<i>Thousands</i>		<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Percent</i>	<i>Thousand Dollars</i>
2004	9,010	9,010	18,960	3.67	170,832	3.67	27,386,588
2005	9,050	9,050	19,550	3.66	176,931	3.66	26,737,882
2006	9,137	9,137	19,895	3.69	181,782	3.69	23,404,620
2007	9,189	9,189	20,204	3.68	185,654	3.68	35,425,015
2008 <sup>3/</sup>	9,315	9,315	20,396	N/A	189,992	N/A	N/A

<sup>1/</sup> USDA/NASS data.  
<sup>2/</sup> All milk and cream.  
<sup>3/</sup> Figures for 2008 are preliminary.  
N/A – Unavailable at time of release.

*Tables are derived from USDA/NASS statistics.  
Total milk production figures on all farms includes all milk produced on the farm.*





## Cows, Production, Receipts, by State

### Total Production on Farms, Estimated Number of Milk Cows on Farms, Average Production Per Milk Cow, Number of Dairies, by State, 2008 <sup>1/2/</sup>

State	Total Production on Farms		Milk cows on farms <sup>2/</sup>	Average production	Number of Licensed Dairies	Rank in	Percent of United States Milk Production
	Milk	% Change from 2007		per milk cow Milk		United States Milk Production	
	<i>Million Pounds</i>		<i>Thousands</i>	<i>Pounds</i>			<i>Percent</i>
Alabama	184	-6.6	12	15,333	65	43	0.1
Alaska	7	-18.2	1	12,000	5	50	0.0
Arizona	4,349	3.3	186	23,382	120	12	2.3
Arkansas	195	-11.4	15	13,000	150	42	0.1
California	41,203	1.3	1,844	22,344	1,905	1	21.7
Colorado	2,935	8.5	128	22,930	140	15	1.5
Connecticut	363	-0.5	19	19,105	150	35	0.2
Delaware	110	-2.7	7	16,923	55	47	0.1
Florida	2,060	-2.1	120	17,167	140	19	1.1
Georgia	1,355	-3.1	76	17,829	270	25	0.7
Hawaii	19	-47.9	2	10,882	2	49	0.0
Idaho	12,315	6.6	549	22,432	635	4	6.5
Illinois	1,894	-1.2	102	18,569	960	20	1.0
Indiana	3,291	-2.4	167	19,707	1,670	14	1.7
Iowa	4,319	1.0	216	19,995	2,020	13	2.3
Kansas	2,415	10.4	117	20,641	425	17	1.3
Kentucky	1,210	-3.2	90	13,444	1,060	26	0.6
Louisiana	319	-8.6	26	12,269	200	36	0.2
Maine	603	2.7	33	18,273	330	32	0.3
Maryland	1,029	-2.1	56	18,375	570	29	0.5
Massachusetts	254	-0.4	15	16,933	180	41	0.1
Michigan	7,763	1.8	350	22,180	2,390	9	4.1
Minnesota	8,782	1.5	464	18,927	4,865	6	4.6
Mississippi	291	-10.2	20	14,550	160	40	0.2
Missouri	1,615	-3.8	110	14,682	1,760	24	0.9
Montana	313	-6.0	17	18,412	80	38	0.2
Nebraska	1,080	0.5	58	18,621	320	27	0.6
Nevada	559	1.1	27	20,704	25	33	0.3
New Hampshire	299	3.1	15	19,933	130	39	0.2
New Jersey	165	-1.8	10	16,500	110	45	0.1
New Mexico	7,865	7.9	338	23,269	160	8	4.1
New York	12,432	2.7	626	19,859	5,620	3	6.5
North Carolina	892	-3.1	47	18,979	300	31	0.5
North Dakota	418	-5.9	26	16,077	255	34	0.2
Ohio	5,130	3.0	280	18,321	3,360	11	2.7
Oklahoma	1,067	-6.7	64	16,672	310	28	0.6
Oregon	2,254	0.9	114	19,772	300	18	1.2
Pennsylvania	10,575	-1.0	549	19,262	7,670	5	5.6
Rhode Island	20	9.9	1	18,091	20	48	0.0
South Carolina	319	-0.9	18	17,722	80	37	0.2
South Dakota	1,796	9.4	90	19,956	490	21	0.9
Tennessee	948	-5.1	59	16,068	550	30	0.5
Texas	8,416	14.0	418	20,134	670	7	4.4
Utah	1,776	2.5	85	20,894	260	22	0.9
Vermont	2,578	1.9	140	18,414	1,100	16	1.4
Virginia	1,726	-1.5	98	17,612	725	23	0.9
Washington	5,696	3.0	244	23,344	500	10	3.0
West Virginia	181	-7.2	12	15,083	110	44	0.1
Wisconsin	24,472	1.6	1,252	19,546	13,730	2	12.9
Wyoming	136	1.5	7	19,386	25	46	0.1
<b>United States <sup>3/</sup></b>	<b>189,993</b>	<b>2.3</b>	<b>9,315</b>	<b>20,396</b>	<b>57,127</b>		

<sup>1/</sup> USDA/NASS data.

<sup>2/</sup> Average number during year, heifers that have not freshened excluded.

<sup>3/</sup> State totals may not add to U.S. totals because of rounding.





# California's Commercial Milk Production



**C**alifornia total milk production increased 1.3 percent in 2008 to 41.2 billion pounds. The majority of the milk, 98.3 percent, was market grade (Grade A), with the remaining 1.7 percent manufacturing grade (Grade B). A portion of the manufacturing grade milk was produced by traditionally market grade dairies that, for pricing or regulatory reasons, opted to operate as manufacturing grade facilities.

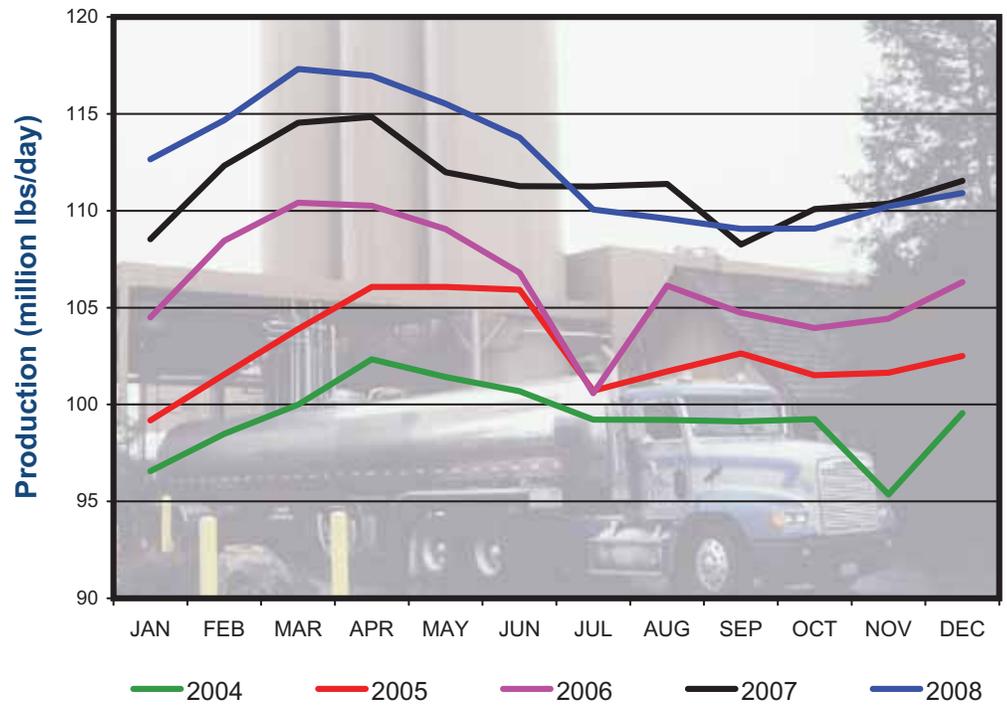
The five leading counties in manufacturing milk production, in ranking order, were: Merced (35 percent); Tulare (30 percent); Madera (9 percent); Humboldt (6 percent); and Yolo (6 percent). These five counties accounted for 86 percent of California's total manufacturing milk production.

The 27 milk-producing counties of the northern California region accounted for 92 percent of the market milk and 99 percent of the manufacturing milk produced commercially during 2008.

The following chart represents the production of milk, in millions of pounds per day, on a monthly basis, January 2004 through December 2008.

The five leading counties in total milk production for 2008, in ranking order, were: Tulare (26 percent), Merced (14 percent); Stanislaus (10 percent); Kings (10 percent); and Kern (9 percent). These five counties accounted for 70 percent of California's total market milk production.

**California Milk Production  
Average Daily Basis, 2004-2008**





## Cows, Dairies, Cows Per Dairy, by County

Number of Milk Cows and Heifers that have Calved on Farms,  
Number of Dairies, and Average Number of Cows per Dairy  
in California, by County and Region, 2007 and 2008

County and Region <sup>1/</sup>	2007			2008		
	Number Cows	Number Dairies <sup>2/</sup>	Average Number Cows/Dairy	Number Cows	Number Dairies <sup>2/</sup>	Average Number Cows/Dairy
Butte	259	3	86	257	3	86
Del Norte	3,938	9	438	4,340	9	482
Fresno	120,773	115	1,050	120,299	109	1,104
Glenn	18,032	50	361	19,356	46	421
Humboldt	14,702	77	191	15,260	70	218
Kern	172,556	55	3,137	176,643	54	3,271
Kings	178,689	166	1,076	183,809	156	1,178
Madera	76,640	57	1,345	79,810	56	1,425
Marin	10,507	27	389	10,203	27	378
Mendocino <sup>3/</sup>		2			2	
Merced	262,943	312	843	265,660	297	894
Monterey	1,414	3	471	1,449	3	483
Placer <sup>3/</sup>		1			1	
Sacramento	16,478	38	434	16,662	39	427
San Benito	577	4	144	634	4	159
San Joaquin	111,461	130	857	111,231	127	876
Santa Clara <sup>3/</sup>		1			0	
Santa Cruz <sup>3/</sup>		1			1	
Shasta		1			1	
Siskiyou	853	3	284	682	3	227
Solano	4,155	3	1,385	4,333	3	1,444
Sonoma	27,879	71	393	27,262	69	395
Stanislaus	186,802	301	621	183,316	272	674
Sutter <sup>3/</sup>		1			1	
Tehama	3,891	18	216	4,003	15	267
Tulare	481,353	332	1,450	493,383	329	1,500
Yolo	2,389	3	796	2,279	3	760
Yuba	3,150	4	787	3,097	4	774
<b>Northern California</b>	<b>1,702,426</b>	<b>1,788</b>	<b>952</b>	<b>1,726,903</b>	<b>1,704</b>	<b>1,013</b>
Imperial	6,256	4	1,564	7,547	4	1,887
Los Angeles <sup>3/</sup>		2			1	
Riverside	58,126	41	1,418	51,326	37	1,387
San Bernardino	93,041	107	870	88,404	99	893
San Diego	4,017	6	669	3,805	5	761
San Luis Obispo <sup>3/</sup>		1			1	
Santa Barbara <sup>3/</sup>		1			1	
<b>Southern California</b>	<b>166,182</b>	<b>162</b>	<b>1,026</b>	<b>155,843</b>	<b>148</b>	<b>1,053</b>
<b>STATE TOTALS</b>	<b>1,868,608</b>	<b>1,950</b>	<b>958</b>	<b>1,882,746</b>	<b>1,852</b>	<b>1,017</b>

<sup>1/</sup> Counties omitted have no reported milk production.

<sup>2/</sup> Number of dairies source is Milk and Dairy Foods Safety Branch.

<sup>3/</sup> Not published, but included in total.





# Commercial Production of Bulk Milk

## Commercial Production of Bulk Milk, Average Milk Fat and Solids-Not-Fat Test in California, by Year, 2004-2008<sup>1/</sup>

Year and Month	Bulk Milk			Average Milk Fat Test			Average Solids-not-Fat Test			Total Bulk Milk Change From Prior Year
	Market	Manufacturing	Total <sup>2/</sup>	Market	Manufacturing	Total	Market	Manufacturing	Total	Percent
	<i>Thousand Pounds</i>			<i>Percent</i>			<i>Percent</i>			
<b>2004</b>	35,867,690	560,274	36,427,964	3.67	3.87	3.67	8.78	8.89	8.79	2.9
<b>2005</b>	36,604,017	917,432	37,521,449	3.66	4.01	3.67	8.79	8.97	8.80	3.0
<b>2006</b>	37,837,912	954,257	38,792,169	3.67	4.26	3.68	8.81	9.10	8.82	3.4
<b>2007</b>	39,555,604	1,090,494	40,646,098	3.51	4.22	3.68	8.81	9.06	8.81	4.8
<b>2008</b>	40,471,191	694,924	41,166,115	3.67	4.35	3.68	8.81	9.09	8.81	1.3
<b>2005</b>										
January	3,009,153	66,979	3,076,131	3.80	4.15	3.81	8.84	9.00	8.84	2.8
February	2,772,773	72,159	2,844,932	3.73	4.03	3.74	8.80	8.96	8.81	-0.4
March	3,137,521	85,781	3,223,302	3.66	3.95	3.67	8.78	8.99	8.79	4.0
April	3,104,824	78,716	3,183,540	3.64	3.96	3.64	8.80	8.96	8.81	3.7
May	3,205,403	82,698	3,288,101	3.59	3.91	3.60	8.74	8.91	8.75	4.6
June	3,097,458	80,131	3,177,589	3.56	3.90	3.57	8.74	8.89	8.74	5.2
July	3,040,691	81,472	3,122,163	3.56	3.90	3.57	8.67	8.85	8.68	1.5
August	3,076,182	76,815	3,152,998	3.55	3.89	3.55	8.72	8.92	8.72	2.5
September	3,004,339	74,665	3,079,004	3.63	4.01	3.64	8.81	8.99	8.82	3.5
October	3,070,945	75,845	3,146,790	3.71	4.10	3.72	8.86	9.05	8.87	2.3
November	2,979,879	69,379	3,049,258	3.74	4.19	3.75	8.88	9.11	8.89	3.2
December	3,104,848	72,793	3,177,642	3.77	4.21	3.78	8.89	9.10	8.89	3.0
<b>2006</b>										
January	3,161,219	78,013	3,239,233	3.77	4.41	3.78	8.86	9.18	8.87	5.3
February	2,965,100	71,463	3,036,563	3.73	4.34	3.74	8.85	9.13	8.86	6.7
March	3,338,879	84,028	3,422,907	3.73	4.33	3.75	8.87	9.14	8.88	6.2
April	3,224,919	82,889	3,307,808	3.69	4.27	3.71	8.83	9.09	8.84	3.9
May	3,294,600	86,226	3,380,826	3.58	4.12	3.60	8.76	9.01	8.76	2.8
June	3,122,675	81,165	3,203,840	3.57	4.09	3.58	8.73	9.02	8.74	0.8
July	3,035,229	82,594	3,117,823	3.56	4.05	3.57	8.65	8.95	8.66	-0.1
August	3,202,679	87,518	3,290,197	3.54	4.10	3.56	8.74	9.04	8.75	4.4
September	3,063,249	78,540	3,141,789	3.63	4.22	3.65	8.79	9.17	8.80	2.0
October	3,145,346	76,898	3,222,244	3.69	4.36	3.71	8.86	9.15	8.87	2.4
November	3,061,463	71,495	3,132,958	3.72	4.45	3.74	8.88	9.22	8.89	2.7
December	3,222,554	73,426	3,295,980	3.78	4.50	3.80	8.88	9.15	8.89	3.7
<b>2007</b>										
January	3,277,174	87,159	3,364,333	3.80	4.46	3.81	8.88	9.15	8.88	3.9
February	3,062,928	82,081	3,145,009	3.74	4.35	3.75	8.83	9.09	8.83	3.6
March	3,455,090	95,620	3,550,710	3.69	4.22	3.70	8.80	9.07	8.80	3.7
April	3,351,328	94,050	3,445,377	3.64	4.16	3.65	8.80	9.06	8.81	4.2
May	3,373,818	98,334	3,472,152	3.59	4.12	3.60	8.79	9.05	8.80	2.7
June	3,240,183	97,663	3,337,846	3.58	4.08	3.60	8.76	9.02	8.77	4.2
July	3,352,325	96,405	3,448,729	3.56	4.05	3.58	8.73	8.98	8.74	10.6
August	3,354,510	98,309	3,452,819	3.57	4.01	3.59	8.73	8.96	8.73	4.9
September	3,158,450	89,330	3,247,781	3.61	4.07	3.63	8.77	9.00	8.77	3.4
October	3,324,815	87,864	3,412,679	3.71	4.35	3.73	8.86	9.06	8.86	5.9
November	3,229,355	81,466	3,310,820	3.71	4.36	3.73	8.85	9.10	8.85	5.7
December	3,375,628	82,213	3,457,842	3.79	4.51	3.80	8.88	9.17	8.89	4.9
<b>2008</b>										
January	3,432,711	59,662	3,492,374	3.81	4.49	3.82	8.85	9.15	8.86	3.8
February	3,268,724	56,715	3,325,439	3.77	4.48	3.78	8.84	9.14	8.84	5.7
March	3,573,021	63,614	3,636,635	3.69	4.36	3.71	8.81	9.09	8.82	2.4
April	3,445,127	63,779	3,508,906	3.66	4.30	3.67	8.80	9.09	8.81	1.8
May	3,517,344	63,827	3,581,171	3.62	4.28	3.64	8.78	9.08	8.79	3.1
June	3,354,527	59,040	3,413,567	3.59	4.28	3.60	8.75	9.11	8.76	2.3
July	3,352,455	59,331	3,411,786	3.56	4.12	3.57	8.71	9.01	8.72	-1.1
August	3,340,600	56,810	3,397,410	3.58	4.17	3.59	8.73	9.09	8.73	-1.6
September	3,217,857	54,187	3,272,044	3.60	4.24	3.61	8.78	9.01	8.78	0.7
October	3,329,896	51,671	3,381,567	3.67	4.43	3.68	8.84	9.08	8.85	-0.9
November	3,254,560	52,321	3,306,881	3.70	4.44	3.71	8.87	9.09	8.88	-0.1
December	3,384,368	53,967	3,438,335	3.77	4.58	3.78	8.90	9.12	8.91	-0.6

<sup>1/</sup> Includes total milk sold. Excludes milk used on ranch which are included in USDA figures.

<sup>2/</sup> Monthly totals may not add up to annual totals due to rounding.





# Commercial Production of Bulk Milk, by County

## Commercial Production of Bulk Milk, Average Milk Fat, and Solids-Not-Fat Test in California, by County and Region <sup>1/</sup>

County and Region <sup>2/</sup>	Bulk Milk			Average Milk Fat Test <sup>3/</sup>			Average Solids-not-Fat Test <sup>3/</sup>			State Rank
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total	
	Thousand Pounds			Percent			Percent			
Butte	5,298	393	5,691	4.28	3.80	4.25	9.22	8.31	9.15	31
Del Norte	57,428	11,517	68,945	3.93	4.83	4.08	8.83	9.33	8.91	20
Fresno	2,705,710	3,021	2,708,732	3.65	3.63	3.65	8.82	8.82	8.82	6
Glenn	414,156	13,991	428,146	3.61	3.85	3.62	8.81	8.78	8.81	12
Humboldt	201,294	41,155	242,449	4.13	4.55	4.20	8.93	9.33	9.00	14
Kern	3,863,001	2,882	3,865,883	3.63	3.66	3.63	8.76	8.84	8.76	5
Kings	4,017,927	11,519	4,029,445	3.67	3.77	3.67	8.78	8.84	8.78	4
Madera	1,699,593	65,819	1,765,412	3.63	4.23	3.65	8.83	9.13	8.84	9
Marin	201,920	46	201,966	3.60	3.72	3.60	8.88	8.85	8.88	15
Mendocino <sup>4/</sup>										26
Merced	5,636,507	239,930	5,876,437	3.69	4.50	3.72	8.85	9.19	8.86	2
Monterey	32,059	0	32,059	3.73		3.73	8.85		8.85	25
Placer <sup>4/</sup>										27
Sacramento	367,499	1,056	368,555	3.72	3.81	3.72	8.82	8.73	8.82	13
San Benito	14,028	0	14,028	3.86		3.86	8.85		8.85	29
San Joaquin	2,458,817	1,618	2,460,434	3.70	3.73	3.70	8.81	8.82	8.81	7
Santa Cruz <sup>4/</sup>										34
Shasta <sup>4/</sup>										33
Siskiyou	15,085	0	15,085	3.73		3.73	8.81		8.81	28
Solano	95,837	0	95,837	3.74		3.74	8.76		8.76	17
Sonoma	538,765	870	539,635	3.74	3.53	3.74	8.89	8.75	8.89	11
Stanislaus	4,043,113	11,864	4,054,977	3.70	4.02	3.70	8.82	9.00	8.82	3
Sutter <sup>4/</sup>										30
Tehama	50,794	37,760	88,554	3.77	4.35	4.02	8.94	9.17	9.04	18
Tulare	10,587,837	209,986	10,797,823	3.67	4.30	3.69	8.80	8.97	8.81	1
Yolo	10,850	39,562	50,412	3.77	4.17	4.08	8.84	8.99	8.95	23
Yuba	68,506	0	68,506	3.91		3.91	8.90		8.90	21
<b>Northern California</b>	<b>37,146,532</b>	<b>693,693</b>	<b>37,840,225</b>	<b>3.68</b>	<b>4.35</b>	<b>3.69</b>	<b>8.81</b>	<b>9.09</b>	<b>8.81</b>	
Imperial	142,762	402	143,164	3.99	3.68	3.99	8.89	8.71	8.89	16
Los Angeles <sup>4/</sup>										24
Riverside	1,101,199	408	1,101,607	3.59	3.88	3.59	8.76	8.58	8.76	10
San Bernardino	1,897,227	173	1,897,400	3.52	3.55	3.52	8.75	8.64	8.75	8
San Diego	81,410	248	81,658	3.48	3.60	3.48	8.70	8.78	8.70	19
San Luis Obispo <sup>4/</sup>										32
Santa Barbara <sup>4/</sup>										22
<b>Southern California</b>	<b>3,324,659</b>	<b>1,231</b>	<b>3,325,890</b>	<b>3.57</b>	<b>3.71</b>	<b>3.57</b>	<b>8.76</b>	<b>8.67</b>	<b>8.76</b>	
<b>STATE TOTALS</b>	<b>40,471,191</b>	<b>694,924</b>	<b>41,166,115</b>	<b>3.67</b>	<b>4.35</b>	<b>3.68</b>	<b>8.81</b>	<b>9.09</b>	<b>8.81</b>	

<sup>1/</sup> Includes total milk sold. Excludes milk used on ranch.

<sup>2/</sup> Counties omitted have no reported milk production.

<sup>3/</sup> Tests were computed from unrounded data.

<sup>4/</sup> Not published, but included in total.





# Commercial Milk Production, by County, by Month

## Commercial Production of All Milk in California, by Counties and Regions, 2008<sup>1/</sup>

County and Region <sup>2/</sup>	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	362,931	399,147	462,363	450,655	548,777	534,604
Del Norte	4,976,699	4,579,698	5,160,696	5,692,079	6,507,489	6,314,445
Fresno	230,884,615	218,588,854	239,164,674	231,322,323	236,498,708	225,174,674
Glenn	36,577,777	35,356,169	37,752,375	36,331,897	37,840,455	36,248,745
Humboldt	16,967,185	15,868,163	19,267,589	20,652,788	22,956,163	22,221,455
Kern	333,749,196	321,990,396	350,236,299	334,113,870	327,645,032	314,614,100
Kings	342,955,086	330,266,834	360,096,965	345,249,185	351,449,347	333,949,701
Madera	145,601,523	136,527,871	150,618,580	146,114,463	152,405,708	146,782,601
Marin	16,931,704	15,851,744	17,135,904	16,679,025	17,403,757	17,421,306
Mendocino <sup>3/</sup>						
Merced	498,173,209	472,875,150	515,886,225	497,157,662	509,233,800	488,599,187
Monterey	2,533,041	2,456,905	2,641,902	2,634,490	2,754,999	2,710,094
Placer <sup>3/</sup>						
Sacramento	29,904,992	28,609,622	31,081,242	30,430,665	32,339,215	31,409,799
San Benito	1,090,983	1,049,740	1,161,549	1,154,045	1,225,276	1,218,468
San Joaquin	211,259,834	200,605,901	216,622,622	208,804,234	212,279,781	203,974,675
Santa Cruz <sup>3/</sup>						
Shasta <sup>3/</sup>						
Siskiyou	1,136,088	1,063,736	1,162,800	1,626,431	1,260,538	1,251,275
Solano	8,023,564	7,567,507	8,176,509	7,657,978	7,938,297	8,229,808
Sonoma	44,175,580	41,416,651	44,479,508	43,567,028	46,260,406	45,854,152
Stanislaus	344,579,855	326,559,857	353,324,051	342,647,559	353,671,420	341,141,159
Sutter <sup>3/</sup>						
Tehama	6,832,770	6,606,912	7,713,327	7,874,977	8,116,516	7,701,156
Tulare	912,675,536	872,886,458	957,912,442	926,060,846	938,529,251	891,244,145
Yolo	4,475,127	4,174,798	4,479,795	4,285,369	4,450,540	4,460,757
Yuba	5,910,366	5,726,950	6,054,223	6,006,141	6,281,117	5,698,471
<b>Northern California</b>	<b>3,204,839,574</b>	<b>3,055,862,513</b>	<b>3,335,880,568</b>	<b>3,221,642,514</b>	<b>3,283,005,839</b>	<b>3,142,013,647</b>
Imperial	12,127,491	11,782,536	13,153,222	13,074,916	13,542,810	12,541,218
Los Angeles <sup>3/</sup>						
Riverside	94,474,350	87,728,204	94,519,791	88,023,611	91,536,581	91,089,273
San Bernardino	165,046,840	155,630,072	176,941,994	170,576,737	177,522,935	153,063,022
San Diego	7,570,600	6,620,473	7,335,862	7,077,887	7,025,444	6,523,532
San Luis Obispo <sup>3/</sup>						
Santa Barbara <sup>3/</sup>						
<b>Southern California</b>	<b>287,534,063</b>	<b>269,576,142</b>	<b>300,754,433</b>	<b>287,263,785</b>	<b>298,165,115</b>	<b>271,553,697</b>
<b>STATE TOTALS</b>	<b>3,492,373,637</b>	<b>3,325,438,655</b>	<b>3,636,635,001</b>	<b>3,508,906,299</b>	<b>3,581,170,954</b>	<b>3,413,567,344</b>

<sup>1/</sup> Includes total milk sold. Excludes milk left on ranch.

<sup>2/</sup> Counties omitted have no reported milk production.

<sup>3/</sup> Not published, but included in total.





# Commercial Milk Production, by County, by Month

## Commercial Production of All Milk in California, by Counties and Regions, 2008<sup>1/</sup> - Continued

July	August	September	October	November	December	Total
<i>Pounds</i>						
522,492	657,586	493,278	465,677	417,727	375,441	5,690,678
6,477,278	6,268,539	5,887,714	5,863,411	5,601,151	5,615,835	68,945,034
224,861,019	220,965,516	211,261,141	224,634,388	219,066,381	226,309,250	2,708,731,543
35,444,196	35,347,361	33,994,162	34,595,237	33,495,478	35,162,427	428,146,279
22,551,343	22,030,550	20,829,465	20,605,842	19,050,116	19,448,171	242,448,830
306,180,404	309,376,211	301,293,946	316,104,897	314,622,003	335,956,293	3,865,882,647
333,757,133	330,503,379	315,769,306	325,115,008	321,874,857	338,458,626	4,029,445,427
156,086,500	150,108,570	143,223,786	145,605,362	143,890,346	148,446,671	1,765,411,981
17,772,703	17,299,430	16,496,661	16,742,806	15,849,453	16,381,722	201,966,215
496,013,687	491,851,243	471,827,628	482,400,608	467,306,128	485,112,075	5,876,436,602
2,760,972	2,794,642	2,685,649	2,787,501	2,601,307	2,697,629	32,059,131
32,336,542	32,099,964	30,195,564	30,649,219	29,352,233	30,145,566	368,554,623
1,264,638	1,234,089	1,171,075	1,180,792	1,111,295	1,166,083	14,028,033
206,032,802	204,220,017	194,831,469	201,183,016	195,792,514	204,827,610	2,460,434,475
1,362,175	1,328,054	1,216,686	1,233,501	1,221,371	1,222,564	15,085,219
8,885,407	8,828,880	7,570,880	7,689,030	7,483,382	7,785,562	95,836,804
47,930,042	46,843,511	44,638,629	45,905,462	43,535,060	45,028,987	539,635,016
344,533,076	343,817,749	327,649,371	330,177,852	318,503,787	328,371,338	4,054,977,074
7,521,030	7,403,021	7,163,647	7,368,739	6,939,384	7,312,048	88,553,527
872,346,015	881,266,710	858,490,692	894,300,130	878,411,834	913,699,294	10,797,823,353
4,389,683	4,269,120	3,709,754	3,931,669	3,772,577	4,012,903	50,412,092
4,983,473	4,879,516	5,807,067	5,833,514	5,570,094	5,754,594	68,505,526
<b>3,139,348,911</b>	<b>3,128,663,803</b>	<b>3,011,278,089</b>	<b>3,109,303,516</b>	<b>3,040,214,497</b>	<b>3,168,171,354</b>	<b>37,840,224,825</b>
11,644,869	10,872,389	10,024,225	10,597,477	11,123,744	12,678,738	143,163,635
91,257,699	91,721,255	89,384,082	94,160,332	92,634,851	95,077,053	1,101,607,082
154,015,520	150,735,481	146,695,897	152,243,883	147,870,465	147,057,372	1,897,400,218
6,849,258	6,742,523	6,340,522	6,479,487	6,411,928	6,680,797	81,658,313
<b>272,436,671</b>	<b>268,746,606</b>	<b>260,765,690</b>	<b>272,263,008</b>	<b>266,666,921</b>	<b>270,163,631</b>	<b>3,325,889,762</b>
<b>3,411,785,582</b>	<b>3,397,410,409</b>	<b>3,272,043,779</b>	<b>3,381,566,524</b>	<b>3,306,881,418</b>	<b>3,438,334,985</b>	<b>41,166,114,587</b>





# Market Milk Production, by County, by Month

## Commercial Production of All Market Milk in California, by Counties and Regions, 2008 <sup>1/</sup>

County and Region <sup>2/</sup>	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	339,569	366,524	424,453	412,942	508,328	498,337
Del Norte	4,265,470	3,986,726	4,361,529	4,642,685	5,309,003	5,156,058
Fresno	230,802,222	218,156,417	238,727,240	231,261,044	236,334,295	224,931,910
Glenn	34,888,035	33,623,524	36,209,378	34,986,686	36,542,010	34,670,562
Humboldt	13,829,217	13,224,380	16,094,741	17,113,884	19,023,112	18,445,096
Kern	333,232,892	321,888,202	350,097,596	333,706,184	327,464,286	314,455,200
Kings	342,047,125	328,811,919	358,291,334	342,998,872	350,031,935	333,455,225
Madera	139,351,529	130,382,669	143,602,977	140,878,518	146,892,608	141,638,327
Marin	16,931,704	15,851,744	17,135,904	16,679,025	17,398,023	17,421,306
Mendocino <sup>3/</sup>						
Merced	477,009,117	454,617,496	495,517,282	476,727,619	486,537,452	467,159,813
Monterey	2,533,041	2,456,905	2,641,902	2,634,490	2,754,999	2,710,094
Placer <sup>3/</sup>						
Sacramento	29,801,904	28,529,609	30,995,680	30,338,616	32,244,004	31,317,288
San Benito	1,090,983	1,049,740	1,161,549	1,154,045	1,225,276	1,218,468
San Joaquin	211,053,107	200,514,070	216,617,505	208,709,295	211,940,691	203,886,641
Santa Cruz <sup>3/</sup>						
Shasta <sup>3/</sup>						
Siskiyou	1,136,088	1,063,736	1,162,800	1,626,431	1,260,538	1,251,275
Solano	8,023,564	7,567,507	8,176,509	7,657,978	7,938,297	8,229,808
Sonoma	44,089,564	41,350,040	44,405,018	43,488,798	46,174,498	45,768,137
Stanislaus	342,312,514	324,639,494	351,810,585	341,479,149	352,857,317	340,320,779
Sutter <sup>3/</sup>						
Tehama	3,770,608	3,766,405	4,530,235	4,595,147	4,677,999	4,482,891
Tulare	896,833,431	855,949,066	938,658,901	904,822,056	919,528,636	874,111,474
Yolo	935,688	865,629	969,484	950,464	989,943	944,105
Yuba	5,910,366	5,726,950	6,054,223	6,006,141	6,281,117	5,698,471
<b>Northern California</b>	<b>3,145,177,126</b>	<b>2,999,147,583</b>	<b>3,272,844,792</b>	<b>3,157,901,889</b>	<b>3,219,218,360</b>	<b>3,082,973,401</b>
Imperial	12,127,491	11,782,536	13,153,222	13,074,916	13,542,810	12,541,218
Los Angeles <sup>3/</sup>						
Riverside	94,474,350	87,728,204	94,189,890	87,985,297	91,496,754	91,089,273
San Bernardino	165,046,840	155,630,072	176,941,994	170,576,737	177,522,935	153,063,022
San Diego	7,570,600	6,620,473	7,087,729	7,077,887	7,025,444	6,523,532
San Luis Obispo <sup>3/</sup>						
Santa Barbara <sup>3/</sup>						
<b>Southern California</b>	<b>287,534,063</b>	<b>269,576,142</b>	<b>300,176,399</b>	<b>287,225,471</b>	<b>298,125,288</b>	<b>271,553,697</b>
<b>STATE TOTALS</b>	<b>3,432,711,189</b>	<b>3,268,723,725</b>	<b>3,573,021,191</b>	<b>3,445,127,360</b>	<b>3,517,343,648</b>	<b>3,354,527,098</b>

<sup>1/</sup> Includes total milk sold. Excludes milk left on ranch.

<sup>2/</sup> Counties omitted have no reported milk production.

<sup>3/</sup> Not published, but included in total.





# Market Milk Production, by County, by Month

## Commercial Production of All Market Milk in California, by Counties and Regions, 2008<sup>1/</sup> - Continued

July	August	September	October	November	December	Total
<i>Pounds</i>						
483,280	620,218	464,367	438,214	392,888	348,482	5,297,602
5,315,359	5,154,978	4,876,372	4,886,925	4,713,577	4,758,924	57,427,606
224,492,977	220,764,942	210,647,794	224,595,158	218,809,592	226,186,616	2,705,710,207
34,386,982	34,461,762	33,256,152	33,855,184	32,812,145	34,463,141	414,155,561
18,824,968	18,386,307	17,299,351	17,041,263	15,798,421	16,213,297	201,294,037
306,023,626	309,286,591	301,268,370	316,020,535	313,911,964	335,645,457	3,863,000,903
332,944,693	329,726,642	315,545,410	324,818,704	321,287,306	337,967,460	4,017,926,625
150,751,579	144,718,609	138,179,528	140,659,267	139,083,336	143,453,955	1,699,592,902
17,768,055	17,281,872	16,496,661	16,724,600	15,849,453	16,381,722	201,920,069
475,305,651	471,898,447	452,802,903	464,042,131	448,902,134	465,986,992	5,636,507,037
2,760,972	2,794,642	2,685,649	2,787,501	2,601,307	2,697,629	32,059,131
32,247,032	31,993,355	30,117,138	30,556,336	29,254,869	30,103,166	367,498,997
1,264,638	1,234,089	1,171,075	1,180,792	1,111,295	1,166,083	14,028,033
205,878,006	204,100,372	194,519,580	201,164,875	195,645,250	204,787,390	2,458,816,782
1,362,175	1,328,054	1,216,686	1,233,501	1,221,371	1,222,564	15,085,219
8,885,407	8,828,880	7,570,880	7,689,030	7,483,382	7,785,562	95,836,804
47,819,322	46,776,729	44,573,214	45,854,681	43,484,150	44,980,693	538,764,844
344,037,258	342,946,178	327,165,712	329,775,970	318,112,483	327,655,516	4,043,112,955
4,296,857	4,134,392	4,059,076	4,243,966	4,010,879	4,225,046	50,793,501
854,425,447	864,509,906	841,531,623	878,488,079	862,293,751	896,684,807	10,587,837,177
879,092	846,448	894,080	876,550	819,523	878,849	10,849,855
4,983,473	4,879,516	5,807,067	5,833,514	5,570,094	5,754,594	68,505,526
<b>3,080,433,691</b>	<b>3,071,911,623</b>	<b>2,957,192,654</b>	<b>3,057,633,015</b>	<b>2,987,893,257</b>	<b>3,114,204,603</b>	<b>37,146,531,994</b>
11,300,929	10,814,429	10,024,225	10,597,477	11,123,744	12,678,738	142,761,735
91,257,699	91,721,255	89,384,082	94,160,332	92,634,851	95,077,053	1,101,199,040
153,944,026	150,735,481	146,594,495	152,243,883	147,870,465	147,057,372	1,897,227,322
6,849,258	6,742,523	6,340,522	6,479,487	6,411,928	6,680,797	81,410,180
<b>272,021,237</b>	<b>268,688,646</b>	<b>260,664,288</b>	<b>272,263,008</b>	<b>266,666,921</b>	<b>270,163,631</b>	<b>3,324,658,791</b>
<b>3,352,454,928</b>	<b>3,340,600,269</b>	<b>3,217,856,942</b>	<b>3,329,896,023</b>	<b>3,254,560,178</b>	<b>3,384,368,234</b>	<b>40,471,190,785</b>





# Manufacturing Milk Production, by County, by Month

## Commercial Production of All Manufacturing Milk in California, by Counties and Regions, 2008<sup>1/</sup>

County and Region <sup>2/</sup>	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	23,362	32,623	37,910	37,713	40,449	36,267
Del Norte	711,229	592,972	799,167	1,049,394	1,198,486	1,158,387
Fresno	82,393	432,437	437,434	61,279	164,413	242,764
Glenn	1,689,742	1,732,645	1,542,997	1,345,211	1,298,445	1,578,183
Humboldt	3,137,968	2,643,783	3,172,848	3,538,904	3,933,051	3,776,359
Kern	516,304	102,194	138,703	407,686	180,746	158,900
Kings	907,961	1,454,915	1,805,631	2,250,313	1,417,412	494,476
Madera	6,249,994	6,145,202	7,015,603	5,235,945	5,513,100	5,144,274
Marin	0	0	0	0	5,734	0
Mendocino <sup>3/</sup>						
Merced	21,164,092	18,257,654	20,368,943	20,430,043	22,696,348	21,439,374
Monterey						
Placer <sup>3/</sup>						
Sacramento	103,088	80,013	85,562	92,049	95,211	92,511
San Benito						
San Joaquin	206,727	91,831	5,117	94,939	339,090	88,034
Santa Cruz <sup>3/</sup>						
Shasta <sup>3/</sup>						
Siskiyou						
Solano						
Sonoma	86,016	66,611	74,490	78,230	85,908	86,015
Stanislaus	2,267,341	1,920,363	1,513,466	1,168,410	814,103	820,380
Sutter <sup>3/</sup>						
Tehama	3,062,162	2,840,507	3,183,092	3,279,830	3,438,517	3,218,265
Tulare	15,842,105	16,937,392	19,253,541	21,238,790	19,000,615	17,132,671
Yolo	3,539,439	3,309,169	3,510,311	3,334,905	3,460,597	3,516,652
Yuba						
<b>Northern California</b>	<b>59,662,448</b>	<b>56,714,930</b>	<b>63,035,776</b>	<b>63,740,625</b>	<b>63,787,479</b>	<b>59,040,246</b>
Imperial	0	0	0	0	0	0
Los Angeles <sup>3/</sup>						
Riverside	0	0	329,901	38,314	39,827	0
San Bernardino	0	0	0	0	0	0
San Diego	0	0	248,133	0	0	0
San Luis Obispo <sup>3/</sup>						
Santa Barbara <sup>3/</sup>						
<b>Southern California</b>	<b>0</b>	<b>0</b>	<b>578,034</b>	<b>38,314</b>	<b>39,827</b>	<b>0</b>
<b>STATE TOTALS</b>	<b>59,662,448</b>	<b>56,714,930</b>	<b>63,613,810</b>	<b>63,778,939</b>	<b>63,827,306</b>	<b>59,040,246</b>

<sup>1/</sup> Includes total milk sold. Excludes milk left on ranch.

<sup>2/</sup> Counties omitted have no reported milk production.

<sup>3/</sup> Not published, but included in total.





# Manufacturing Milk Production, by County, by Month

## Commercial Production of All Manufacturing Milk in California by Counties and Regions, 2008 <sup>1/</sup> - Continued

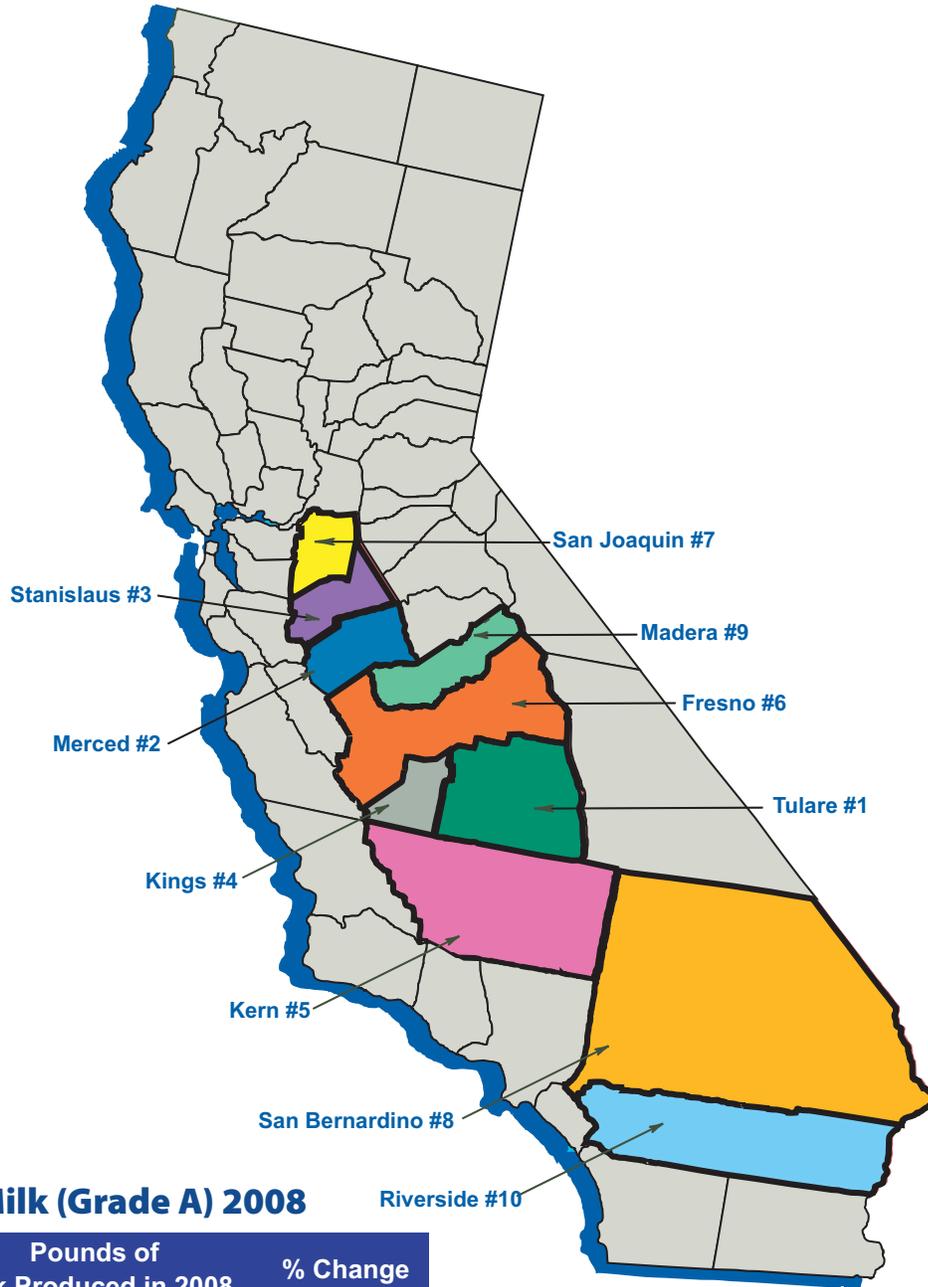
July	August	September	October	November	December	Total
<i>Pounds</i>						
39,212	37,368	28,911	27,463	24,839	26,959	393,076
1,161,919	1,113,561	1,011,342	976,486	887,574	856,911	11,517,428
368,042	200,574	613,347	39,230	256,789	122,634	3,021,336
1,057,214	885,599	738,010	740,053	683,333	699,286	13,990,718
3,726,375	3,644,243	3,530,114	3,564,579	3,251,695	3,234,874	41,154,793
156,778	89,620	25,576	84,362	710,039	310,836	2,881,744
812,440	776,737	223,896	296,304	587,551	491,166	11,518,802
5,334,921	5,389,961	5,044,258	4,946,095	4,807,010	4,992,716	65,819,079
4,648	17,558	0	18,206	0	0	46,146
20,708,036	19,952,796	19,024,725	18,358,477	18,403,994	19,125,083	239,929,565
89,510	106,609	78,426	92,883	97,364	42,400	1,055,626
154,796	119,645	311,889	18,141	147,264	40,220	1,617,693
110,720	66,782	65,415	50,781	50,910	48,294	870,172
495,818	871,571	483,659	401,882	391,304	715,822	11,864,119
3,224,173	3,268,629	3,104,571	3,124,773	2,928,505	3,087,002	37,760,026
17,920,568	16,756,804	16,959,069	15,812,051	16,118,083	17,014,487	209,986,176
3,510,591	3,422,672	2,815,674	3,055,119	2,953,054	3,134,054	39,562,237
<b>58,915,220</b>	<b>56,752,180</b>	<b>54,085,435</b>	<b>51,670,501</b>	<b>52,321,240</b>	<b>53,966,751</b>	<b>693,692,831</b>
343,940	57,960	0	0	0	0	401,900
0	0	0	0	0	0	408,042
71,494	0	101,402	0	0	0	172,896
0	0	0	0	0	0	248,133
<b>415,434</b>	<b>57,960</b>	<b>101,402</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,230,971</b>
<b>59,330,654</b>	<b>56,810,140</b>	<b>54,186,837</b>	<b>51,670,501</b>	<b>52,321,240</b>	<b>53,966,751</b>	<b>694,923,802</b>





# Top Counties Profile

## Top 10 Milk Producing Counties in 2008



### Market Milk (Grade A) 2008

County (by rank)	Pounds of Milk Produced in 2008 (in thousand pounds)	% Change from 2007
Tulare	10,587,837	2.35%
Merced	5,636,507	4.41%
Stanislaus	4,043,113	2.26%
Kings	4,017,927	4.45%
Kern	3,863,001	1.90%
Fresno	2,705,710	0.02%
San Joaquin	2,458,817	0.81%
San Bernardino	1,897,227	-2.24%
Madera	1,699,593	6.05%
Riverside	1,101,199	-5.71%

### Manufacturing Milk (Grade B) 2008

County (by rank)	Pounds of Milk Produced in 2008 (in thousand pounds)	% Change from 2007
Merced	239,930	-33.23%
Tulare	209,986	-12.89%
Madera	65,819	-12.93%
Humboldt	41,155	-26.96%
Yolo	39,562	-4.93%



# Pooled Milk Utilization

In 2008, utilization of pooled Grade A milkfat pounds increased 3.0 percent and solids-not-fat (SNF) pounds increased 2.9 percent, as compared to 2007. In addition, as compared to 2007, the breakdown of the utilization of the milk pounds for the following classes of milk on a total solids basis were as follows: Class 1, fluid dairy products (increased 2.4 percent); Class 2, soft dairy products (increased 3.0 percent); Class 3, frozen dairy

products (increased 2.0 percent); Class 4a, butter and powder (increased 17.7 percent); and Class 4b, cheese (decreased 6.3 percent). In total, Class 4a and 4b accounted for 77 percent of all milk available on a total solids basis.



## Utilization of Pooled Milk Fat, in California by Class, by Year, 2004-2008 <sup>1/2/3/</sup>

Year	Class 1	Class 2	Class 3	Class 4a	Class 4b	Fat Total	Fat \$ Value (Actual Dollars)	Quota <sup>4/</sup>	Non-Quota
						<i>Thousand Pounds</i>			
2004	130,668	73,765	108,534	412,383	568,803	1,294,154	\$2,556,173,397	323,325	958,484
2005	119,343	73,269	95,291	425,573	592,558	1,306,035	\$2,181,608,409	322,217	983,818
2006	119,991	77,444	92,174	445,007	604,167	1,348,782	\$1,730,176,620	321,956	1,028,172
2007	125,194	81,723	88,167	509,857	606,338	1,411,279	\$2,029,241,918	322,539	1,088,548
2008	126,689	87,054	97,064	562,014	580,551	1,453,377	\$2,221,774,745	323,018	1,130,359

<sup>1/</sup> Data are subject to revision.

<sup>2/</sup> Includes pooled milk only. Excludes exempt, non-pool, grade B milk and bulk milk shipped out-of-California.

<sup>3/</sup> Class usage has been adjusted for plant gain and inventory variance.

<sup>4/</sup> Includes other source milk effective July 1, 1997 through March 31, 2004.

## Utilization of Pooled Milk Solids-Not-Fat, in California by Class, by Year, 2004-2008 <sup>1/2/3/</sup>

Year	Class 1	Class 2	Class 3	Class 4a	Class 4b	SNF Total	SNF \$ Value (Actual Dollars)	Quota <sup>4/</sup>	Non-Quota
						<i>Thousand Pounds</i>			
2004	560,227	112,084	84,853	878,003	1,461,011	3,096,177	\$2,610,262,248	816,618	2,279,019
2005	531,948	118,761	85,156	850,914	1,551,017	3,137,795	\$2,774,152,749	785,516	2,352,280
2006	544,487	126,099	84,345	865,389	1,622,574	3,242,894	\$2,546,862,845	784,892	2,476,538
2007	563,441	133,968	91,931	931,983	1,670,341	3,391,655	\$4,940,117,785	792,453	2,605,017
2008	578,501	135,021	86,668	1,135,166	1,553,438	3,488,822	\$4,452,629,508	787,477	2,701,345

<sup>1/</sup> Data are subject to revision.

<sup>2/</sup> Includes pooled milk only. Excludes exempt, non-pool, grade B milk and bulk milk shipped out-of-California.

<sup>3/</sup> Class usage has been adjusted for plant gain and inventory variance.

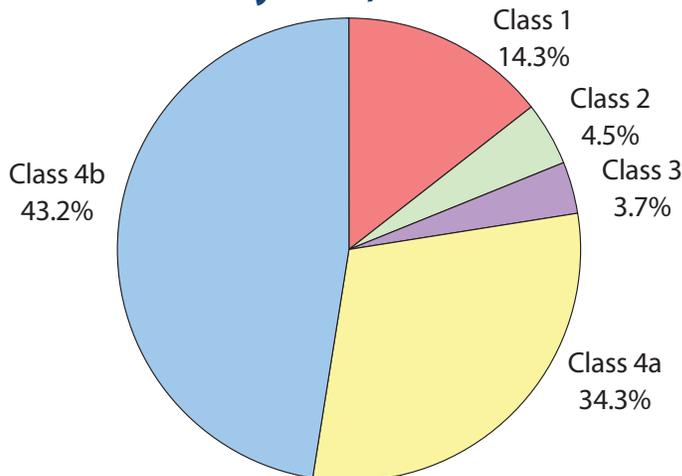
<sup>4/</sup> Includes other source milk effective July 1, 1997 through March 31, 2004.





## Pooled Milk Utilization

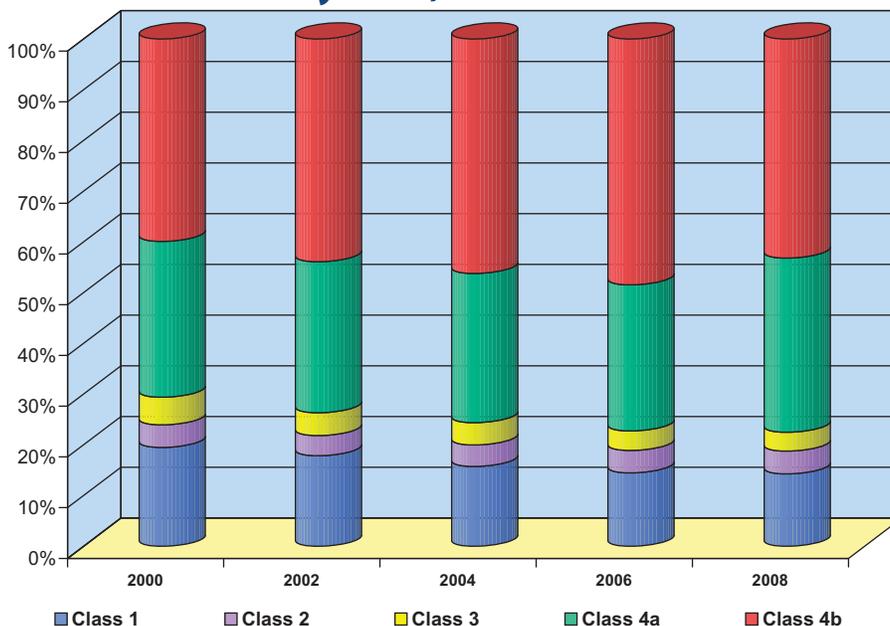
**Utilization of Milk Produced in California, by Class, 2008**



**Net Milk Available in California  
California Commercial Milk Production, Production Entering, Production Leaving,  
Net Milk Available, in Thousand Pounds, 2004-2008**

Year	California Milk Production	Production Entering California	Production Leaving California	Net Milk Available in California
2004	36,427,964	1,344,585	281,539	37,491,010
2005	37,521,450	1,220,251	299,443	38,442,258
2006	38,792,168	1,145,694	378,958	39,558,904
2007	40,646,097	963,038	414,020	41,195,115
2008	41,166,115	847,054	486,799	41,526,370

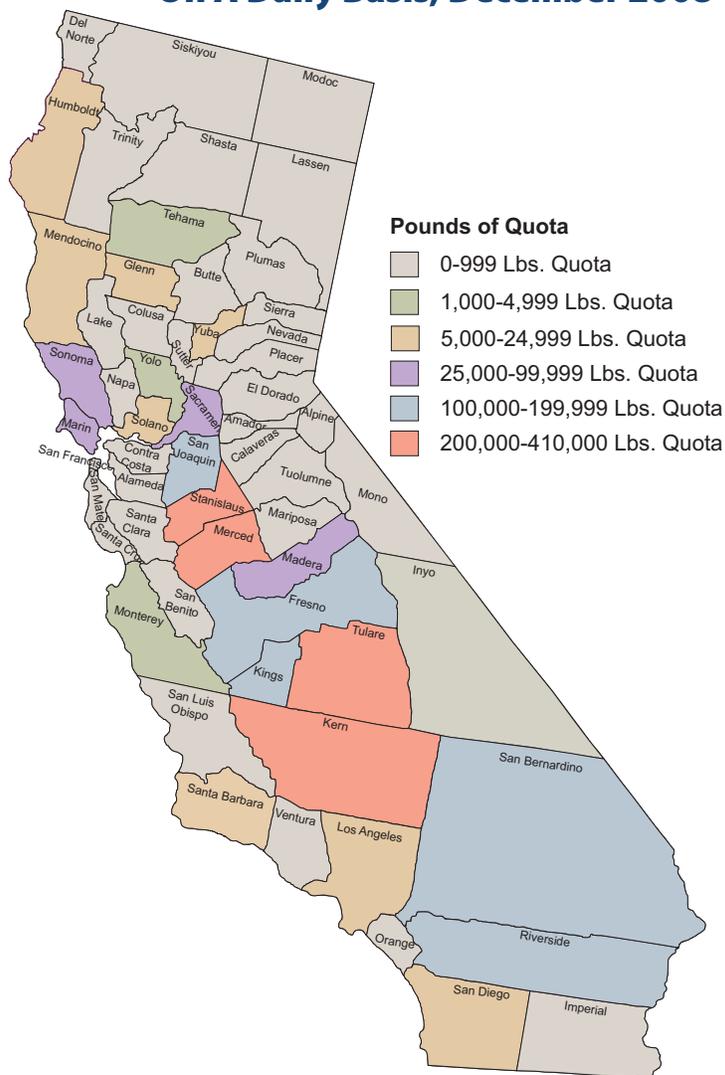
**Utilization of Milk Produced in California, by Class, 2000-2008**





# Quota in California & Quota Transfers

## Where Is the Quota in California? California Pounds of Solids-Not-Fat Quota On A Daily Basis, December 2008



### Quota Transfer Summary

#### Summary of Quota Transfers and Sales, Based on Solids-Not-Fat, 2003-2008

Year	Number of Sellers	Number of Buyers	Average Price <sup>1/</sup>	SNF Transferred	Average Ratio
			<i>(dollars)</i>	<i>(pounds)</i>	
2003	80	103	\$455	93,151	2.46
2004	72	108	\$460	77,498	2.45
2005	65	79	\$478	60,243	2.44
2006	52	75	\$501	63,249	2.42
2007	77	93	\$495	75,267	2.43
2008	56	68	\$534	98,654	2.44

<sup>1/</sup> Sales without cows.



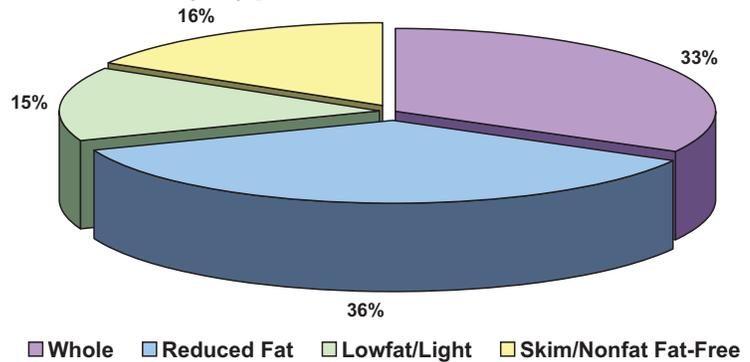
# California Class 1 Sales



**F**or 2008, overall Class 1 sales were up 1.2 percent, with sales of reduced fat, lowfat, skim milks and half-and-half recording increased sales. Whole milk sales continued to decrease, down 3.9 percent compared to 2007 figures.

Sales of fluid Class 1 products made up 98 percent of all Class 1 sales: 33 percent whole, 36 percent reduced fat, 15 percent lowfat, and 16 percent skim. Half-and-half sales accounted for 2.3 percent of all Class 1 Sales.

**Sales of Fluid Class 1 Market Milk Products by Type, California, 2008**



\*All sales can include Class 1 products made from non-pool milk.

## California and Federal Milk Standards - The California Advantage

Milk Product	Calcium	Protein	Nonfat Solids
California Whole Milk	276 mg	7.9 g	8.70%
Federal Whole Milk	261 mg	7.5 g	8.25%
<b>California Advantage</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
California 2% Reduced Fat	317 mg	9.1 g	10%
Federal 2%	261 mg	7.5 g	8.25%
<b>California Advantage</b>	<b>21%</b>	<b>21%</b>	<b>21%</b>
California 1% Lowfat	348 mg	10 g	11%
Federal 1%	261 mg	7.5 g	8.25%
<b>California Advantage</b>	<b>33%</b>	<b>33%</b>	<b>33%</b>
California Nonfat	285 mg	8.2 g	9%
Federal Nonfat	261 mg	7.5 g	8.25%
<b>California Advantage</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>

Note: These numbers reflect the minimum standards for processing milk in California and at the national level. Some manufacturers may process their milk above these minimum standards.





# Class 1 Sales

## Sales of Class 1 Market Milk Products in California, by Year, 2004-2008<sup>1</sup>

Year	Whole Milk	Reduced Fat Milk	Lowfat Light Milk	Skim/Nonfat Fat-Free Milk	Subtotal Beverage Milks	Half and Half	Total Class 1 <sup>2/</sup>	Total Class 1 Milk Change From Prior Year
	<i>Thousand Gallons</i>							<i>Percent</i>
<b>2004</b>	282,484	243,138	102,679	108,372	736,673	17,629	754,311	-1.2
<b>2005</b>	272,716	246,527	102,370	113,838	735,452	17,357	752,822	-0.2
<b>2006</b>	269,328	251,145	103,853	120,117	744,442	17,130	761,582	1.2
<b>2007</b>	257,660	258,598	105,459	122,718	744,435	16,225	760,685	-0.1
<b>2008</b>	247,618	271,720	109,847	123,349	752,533	17,600	770,159	1.2
<b>2005</b>								
January	23,308	20,798	9,158	9,676	62,940	1,369	64,310	-0.4
February	21,143	18,926	8,343	8,934	57,347	1,261	58,609	-2.1
March	23,445	21,093	9,160	9,934	63,632	1,568	65,200	-1.0
April	22,245	20,238	8,864	9,695	61,041	1,452	62,494	0.3
May	22,301	20,341	9,009	9,767	61,418	1,443	62,863	1.8
June	22,320	20,308	7,942	8,969	59,539	1,428	60,968	0.4
July	22,576	20,463	7,418	8,148	58,604	1,369	59,974	-1.9
August	23,041	21,076	7,909	8,711	60,737	1,424	62,163	0.6
September	22,920	21,050	9,006	10,066	63,043	1,410	64,453	0.4
October	23,000	21,137	8,907	10,580	63,623	1,447	65,072	-1.1
November	22,460	20,121	8,479	9,903	60,964	1,611	62,575	-1.4
December	23,958	20,978	8,174	9,455	62,565	1,574	64,140	-0.1
<b>2006</b>								
January	23,107	20,712	8,858	10,281	62,958	1,434	64,393	0.1
February	20,747	18,742	8,000	9,595	57,084	1,393	58,478	-0.2
March	23,746	21,785	9,360	11,098	65,989	1,518	67,507	3.5
April	21,840	20,117	8,103	9,578	59,638	1,352	60,991	-2.4
May	22,309	21,125	9,231	10,796	63,460	1,425	64,885	3.2
June	22,017	20,933	8,155	9,504	60,609	1,392	62,001	1.7
July	21,910	20,783	7,591	8,371	58,656	1,291	59,947	0.0
August	22,808	21,662	8,352	9,195	62,017	1,338	63,356	1.9
September	22,468	21,632	9,291	10,782	64,173	1,367	65,539	1.7
October	22,666	21,559	9,479	10,935	64,639	1,485	66,125	1.6
November	22,119	20,625	8,881	10,128	61,753	1,548	63,302	1.2
December	23,589	21,471	8,553	9,854	63,468	1,588	65,056	1.4
<b>2007</b>								
January	23,199	21,418	9,171	10,663	64,451	1,443	65,895	2.3
February	20,417	19,308	8,338	9,846	57,910	1,203	59,114	1.1
March	22,769	21,902	9,477	11,191	65,340	1,387	66,740	-1.1
April	21,620	20,627	8,689	10,133	61,069	1,296	62,366	2.3
May	21,523	21,281	9,371	10,963	63,137	1,312	64,450	-0.7
June	21,624	21,045	8,065	9,561	60,296	1,243	61,540	-0.7
July	21,302	20,847	7,585	8,653	58,387	1,221	59,610	-0.6
August	21,630	21,998	8,522	9,557	61,707	1,365	63,073	-0.4
September	20,533	22,239	9,110	10,553	62,434	1,268	63,703	-2.8
October	21,245	23,030	9,783	11,365	65,423	1,492	66,916	1.2
November	20,144	21,901	8,780	10,192	61,016	1,422	62,440	-1.4
December	21,653	23,003	8,568	10,042	63,265	1,572	64,838	-0.3
<b>2008</b>								
January	21,168	22,841	9,340	10,871	64,220	1,484	65,704	-0.3
February	19,520	21,056	8,954	10,361	59,890	1,461	61,351	3.8
March	20,589	22,393	9,050	10,456	62,488	1,477	63,965	-4.2
April	19,716	21,640	9,348	10,829	61,532	1,417	62,949	0.9
May	20,783	22,793	9,680	11,118	64,374	1,442	65,816	2.1
June	20,132	21,925	8,284	9,319	59,660	1,377	61,037	-0.8
July	20,644	22,560	7,936	8,723	59,863	1,400	61,262	2.8
August	21,096	23,356	8,773	9,338	62,564	1,408	63,972	1.4
September	20,596	22,979	9,907	10,856	64,339	1,399	65,738	3.2
October	21,266	23,974	10,378	11,440	67,058	1,541	68,599	2.5
November	19,933	22,429	8,819	9,905	61,088	1,497	62,584	0.2
December	22,175	23,773	9,378	10,133	65,458	1,699	67,157	3.6

<sup>1/</sup> Monthly totals may not add up to annual totals due to rounding.

<sup>2/</sup> Miscellaneous Class 1 Products are included in the total.





# Fluid Milk Sales Container Survey, October 2008

## Fluid Milk Sales Container Survey for October 2008 Sales of Market Whole, Reduced Fat, Lowfat, and Skim Milks - October 2008

### Reported by Number of Individual Units Sold With A Percent Comparison of Total Class 1 Sales

In October 2008, the Department requested all market milk handlers in California to supply data regarding sales of whole, reduced fat, lowfat, and skim milk, categorized by container size and composition, for the month of October 2008. The annual gathering of this data was initiated by the Department in 1951 and continued yearly until 1997, when the survey was put on hold due to a statistical database installation. Since the survey was resurrected in October 2002, the Department has continued to request the collection of this data on an annual basis for the month of October.

The attached summary has been provided for each California market milk handler in addition to being published in the Dairy Information Bulletin and upcoming Statistics & Trends Annual (published in 2009). The summary includes all container sizes and their characteristic, the number of units sold for each size container, and the percentage of October 2008 Class 1 sales represented by each size container. For this summary, all sales were expressed in the number of units sold in each particular container size - not in gallons of milk sold in that size container. However, the percentages are reported as an approximate percentage of the total gallons sold for each size container. For example, the half gallon plastic containers totaled 9.90 million containers sold, which represented 7.3% of the reported Class 1 sales totals for October 2008.

The top three containers reported in this survey for market milk sold in California were:

- Gallon plastic containers (68.5%)
- Half gallon paper containers (9.3%)
- Half gallon plastic containers (7.3%)

Container Size & Characteristic	WHOLE	2% REDUCED FAT	1% LOWFAT	SKIM	TOTAL NUMBER OF UNITS	PERCENT OF OCTOBER 2008 CLASS 1 SALES
	IN NUMBER OF UNITS SOLD					PERCENT
<b>6 Gallon</b>						<b>6 Gallon</b>
Bag	15,948	24,747	3,404	5,571	49,670	0.44%
Plastic	*	*	*	*	41,902	0.37%
<b>TOTAL 6 GALLON UNITS</b>					<b>91,572</b>	<b>0.81%</b>
<b>5 Gallon</b>						<b>5 Gallon</b>
Bag	2,904	1,486	3,162	832	8,384	0.06%
Plastic	0	0	0	0	0	0.00%
<b>TOTAL 5 GALLON UNITS</b>					<b>8,384</b>	<b>0.06%</b>
<b>3 Gallon</b>						<b>3 Gallon</b>
Bag	*	*	0	0	104	0.00%
Plastic	0	0	0	0	0	0.00%
<b>TOTAL 3 GALLON UNITS</b>					<b>104</b>	<b>0.00%</b>
<b>1 Gallon</b>						<b>1 Gallon</b>
Glass	0	0	0	0	0	0.00%
Paper	*	0	*	0	49,764	0.07%
Plastic	17,347,429	18,517,821	4,761,423	5,607,058	46,233,731	68.49%
<b>TOTAL 1 GALLON UNITS</b>					<b>46,283,495</b>	<b>68.56%</b>
<b>1/2 Gallon</b>						<b>1/2 Gallon</b>
Glass	38,806	23,428	5,502	30,983	98,719	0.07%
Paper	2,935,076	3,981,739	2,479,915	3,102,952	12,499,682	9.26%
Plastic	3,396,450	3,565,999	1,410,531	1,529,166	9,902,146	7.33%
<b>TOTAL 1/2 GALLON UNITS</b>					<b>22,500,547</b>	<b>16.67%</b>





# Fluid Milk Sales Container Survey, October 2008

Container Size & Characteristic	WHOLE	2% REDUCED FAT	1% LOWFAT	SKIM	TOTAL NUMBER OF UNITS	PERCENT OF OCTOBER 2008 CLASS 1 SALES
	IN NUMBER OF UNITS SOLD					PERCENT
<b>Quart</b>						
Glass	*	*	*	*	233,563	0.09%
Paper	1,070,584	1,122,592	923,848	720,288	3,837,312	1.42%
Plastic	506,600	909,204	237,428	354,314	2,007,546	0.74%
<b>TOTAL 1 QUART UNITS</b>					<b>6,078,421</b>	<b>2.25%</b>
<b>Pint</b>						
Paper	632,160	310,809	362,497	244,673	1,550,139	0.29%
Plastic	2,090,065	4,535,328	744,365	179,452	7,549,210	1.40%
<b>TOTAL 1 PINT UNITS</b>					<b>9,099,349</b>	<b>1.68%</b>
<b>1/3 Quart</b>						
Paper	520,618	735,025	743,167	108,505	2,107,315	0.26%
Plastic	*	131,244	*	0	251,140	0.03%
<b>TOTAL 1/3 QUART UNITS</b>					<b>2,358,455</b>	<b>0.29%</b>
<b>1/2 Pint</b>						
Paper	2,358,086	9,560,612	32,675,520	33,998,228	78,592,446	7.28%
Plastic	0	*	3,388,852	*	5,850,682	0.54%
<b>TOTAL 1/2 PINT UNITS</b>					<b>84,443,128</b>	<b>7.82%</b>
<b>4 Oz. Pouch</b>						
Paper	615,729	1,142,584	0	484,039	2,242,352	0.10%
Plastic	0	0	0	0	0	0.00%
<b>TOTAL 4 OZ. UNITS</b>					<b>2,242,352</b>	<b>0.10%</b>
<b>8 Oz. Pouch</b>						
Paper	0	0	*	*	2,026,535	0.19%
Plastic	0	0	*	*	15,168,453	1.40%
<b>TOTAL 8 OZ. UNITS</b>					<b>17,194,988</b>	<b>1.59%</b>
<b>12 Oz.</b>						
Paper	0	0	0	0	0	0.00%
Plastic	84,683	75,591	190,291	0	350,565	0.05%
<b>TOTAL 12 OZ. UNITS</b>					<b>350,565</b>	<b>0.05%</b>
<b>14 Oz./13.5 Oz.</b>						
Paper	0	0	0	0	0	0.00%
Plastic	*	*	0	0	592,900	0.10%
<b>TOTAL 14 OZ. UNITS</b>					<b>592,900</b>	<b>0.10%</b>
<b>Other Sizes/Types of Container</b>						
20 oz Paper		*	*		34,056	0.01%
13 oz Plastic	*				*	0.00%
6 oz. Paper	*				*	0.00%
<b>TOTAL OTHER SIZE UNITS</b>					<b>53,723</b>	<b>0.01%</b>

Survey data was collected from California market milk handlers at the request of the California Department of Food and Agriculture. While data is submitted from reliable sources, no representation is made as to the complete accuracy of the data reported. Data is published subject to errors, revisions, or withdrawals without notice.

\* Data not published, but included in totals.





## Class 1 Sales, by Marketing Area

### Sales of Selected Class 1 Products in California, by Marketing Area, 2004-2007=8

Products & Marketing Areas	SALES				
	2004	2005	2006	2007	2008
	<i>Gallons</i>				
<b>Whole Milk</b>					
Northern California	107,290,845	105,436,465	105,992,677	101,757,117	100,655,622
Southern California	175,193,332	167,280,007	163,335,001	155,903,466	146,962,060
<b>State Total</b>	<b>282,484,177</b>	<b>272,716,472</b>	<b>269,327,678</b>	<b>257,660,583</b>	<b>247,617,682</b>
<b>Reduced Fat Milk</b>					
Northern California	96,966,471	98,158,721	100,443,785	103,618,824	111,459,305
Southern California	146,171,325	148,368,690	150,701,046	154,979,018	160,260,598
<b>State Total</b>	<b>243,137,796</b>	<b>246,527,411</b>	<b>251,144,831</b>	<b>258,597,842</b>	<b>271,719,903</b>
<b>Lowfat/Light Milk</b>					
Northern California	49,894,624	49,929,130	50,319,224	51,215,354	54,917,419
Southern California	52,784,535	52,441,345	53,533,639	54,243,461	54,929,521
<b>State Total</b>	<b>102,679,159</b>	<b>102,370,475</b>	<b>103,852,863</b>	<b>105,458,815</b>	<b>109,846,940</b>
<b>Skim/Nonfat/Fat Free Milk</b>					
Northern California	41,395,863	44,190,050	47,645,539	48,464,907	48,951,310
Southern California	66,975,775	69,648,066	72,470,979	74,253,196	74,397,614
<b>State Total</b>	<b>108,371,638</b>	<b>113,838,116</b>	<b>120,116,518</b>	<b>122,718,103</b>	<b>123,348,924</b>
<b>Beverage Milks Subtotal</b>					
Northern California	295,547,803	297,714,366	304,401,225	305,056,202	315,983,656
Southern California	441,124,967	437,738,108	440,040,665	439,379,141	436,549,793
<b>State Total</b>	<b>736,672,770</b>	<b>735,452,474</b>	<b>744,441,890</b>	<b>744,435,343</b>	<b>752,533,449</b>
<b>Half-and-Half</b>					
Northern California	8,245,315	8,148,512	7,911,649	6,460,116	8,204,328
Southern California	9,383,838	9,208,883	9,218,709	9,764,987	9,396,064
<b>State Total</b>	<b>17,629,153</b>	<b>17,357,395</b>	<b>17,130,358</b>	<b>16,225,103</b>	<b>17,600,392</b>
<b>Miscellaneous Class 1</b>					
Northern California	7,676	9,683	8,030	20,605	11,111
Southern California	1,561	1,968	1,632	4,189	13,666
<b>State Total</b>	<b>9,237</b>	<b>11,651</b>	<b>9,662</b>	<b>24,794</b>	<b>24,777</b>
<b>TOTAL CLASS 1</b>					
Northern California	303,800,794	305,872,561	312,320,904	305,872,561	324,199,095
Southern California	450,510,366	446,948,959	449,261,006	446,948,959	445,959,523
<b>STATE TOTALS</b>	<b>754,311,160</b>	<b>752,821,520</b>	<b>761,581,910</b>	<b>760,685,240</b>	<b>770,158,618</b>





# California Dairy Processing Plant Locations

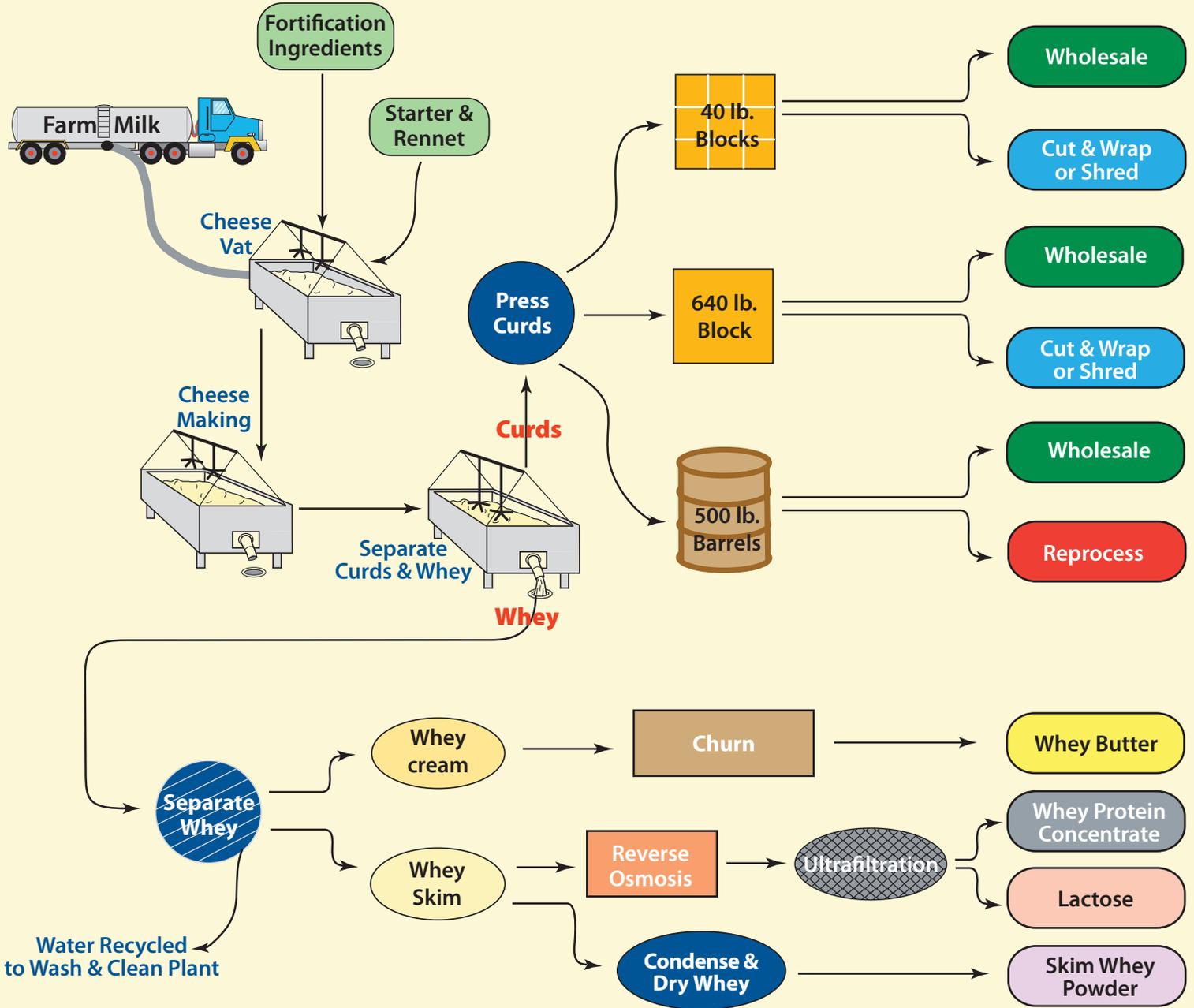
## California Dairy Processing Plant Locations (by Product Category)

-  Fluid Milk Plant
-  Class 2 Products: Yogurt, Cottage Cheese, Buttermilk, Creams, Eggnog
-  Frozen Dairy Products
-  Dry Milk Products: Dry Whey, Whey Protein Concentrate, and Dry, Condensed, Evaporated Milks
-  Butter
-  Cheese, Cream Cheese

Note: One product category located on the map may represent several plants processing similar products within the same vicinity. Also, one plant could be represented on the map by many categories of products.



### Simplified Product Flow in a Cheese Plant with By-Product Processing





# Manufacture of Dairy Products

**C**alifornia continues to lead the nation in the production of many manufactured dairy products, including butter, ice cream, and nonfat dry milk (NFDM).

**Class 2 (Soft Dairy Products):** Total cottage cheese production decreased 15.9 percent to 99.5 million pounds. Yogurt production continued to increase, up 3.9 percent compared to 2007. Sour cream and sour cream dressing production decreased by 16.4 percent, while buttermilk showed a marked 70.6 percent increase in production over last year. Other cream production increased 25.0 percent and manufacturing cream increased 5.2 percent compared to 2007.

**Class 3 (Frozen Dairy Products):** For 2008, total frozen production increased 0.9 percent to 165.0 million gallons. The shares of the total frozen product production were as follows: 81 percent ice

cream, 11 percent ice milk, 3 percent sherbet, and 5 percent frozen yogurt.

**Class 4a (Butter and Nonfat Dry Milk):** Butter production was up in 2008, showing an 11.3 percent increase to 556 million pounds. Nonfat dry milk production showed a 13.0 percent increase in production.

**Class 4b (Cheese and Whey Byproducts):** The year 2008 showed a 7.6 percent decrease in total cheese production to 2.1 billion pounds. The shares of total cheese production were: Mozzarella at 52.3 percent (down 2.8 percent), Cheddar at 17.8 percent (down 20.1 percent), Monterey at 13.8 percent

(down 11.1 percent), Hispanic at 5.2 percent (up 0.2 percent). Provolone and Parmesan cheeses accounted for 5.2 percent of total cheese production.

\* All product totals can include products made from non-pool milk.

NFDM By the Numbers	
<b>7.4</b>	Number of pounds of whole milk to make 1 pound of nonfat dry milk.
<b>819.2</b>	Million pounds of nonfat dry milk produced in California in 2008.
<b>15.68¢</b>	Weighted average cost to produce 1 pound of nonfat dry milk for all plants in California in 2008.
<b>704.9</b>	Million gallons of milk processed to produce nonfat dry milk in California in 2008.

Butter By the Numbers	
<b>21.2</b>	Number of pounds of whole milk to make 1 pound of butter.
<b>555.5</b>	Million pounds of butter produced in California in 2008.
<b>13.16¢</b>	Weighted average cost to produce 1 pound of butter for all plants in California in 2008.
<b>1,369</b>	Million gallons of milk processed to produce butter in California, 2008.

Cheese By the Numbers	
<b>10</b>	Number of pounds of whole milk to make 1 pound of cheese.
<b>2.11</b>	Billion Pounds of total cheese produced in California in 2008.
<b>20.03¢</b>	Weighted average cost to produce 1 pound of cheese for all plants in California in 2008.
<b>2,457</b>	Million gallons of milk processed to produce cheese in California, 2008.





# Class 2 Production

## Production of Class 2 Products in California, 2004-2008

Month	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
<b>Dry Curd Cottage Cheese</b>						<b>Cottage Cheese</b>				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	3,274,542	3,554,866	3,622,653	3,984,810	4,081,506	2,542,374	2,508,342	2,546,121	2,493,470	2,281,969
Feb	3,318,079	3,560,121	3,639,629	3,677,172	3,668,493	2,512,125	2,471,393	2,534,743	2,218,128	1,941,232
Mar	3,919,087	3,808,269	4,043,153	4,218,172	3,849,584	3,043,896	2,757,687	2,720,086	2,788,331	2,150,189
Apr	3,443,901	3,438,310	3,543,743	3,549,550	4,204,988	2,646,420	2,544,367	2,295,984	2,602,366	2,217,208
May	3,746,047	3,638,597	4,094,106	3,968,001	4,112,593	2,586,179	2,567,783	2,770,590	2,602,234	2,341,486
Jun	3,563,713	4,064,169	4,046,176	4,220,728	3,962,579	2,732,772	2,902,787	3,557,578	2,816,335	2,694,287
Jul	3,589,916	3,317,131	4,223,438	4,107,187	4,120,945	2,811,175	2,492,161	2,789,966	2,892,788	2,432,883
Aug	3,799,702	4,258,590	4,800,372	5,724,316	3,755,115	2,785,302	2,964,648	3,429,486	3,043,762	2,169,149
Sep	3,491,139	3,707,769	3,996,458	5,534,115	3,859,769	2,626,883	2,691,456	2,328,084	2,923,775	2,193,088
Oct	3,574,690	3,434,057	4,208,554	4,996,853	3,939,752	2,580,728	2,447,909	2,730,398	2,640,896	2,283,931
Nov	3,217,824	3,784,222	3,865,475	4,764,999	3,299,352	2,373,412	2,596,569	2,508,464	2,347,214	1,864,590
Dec	2,983,842	3,233,433	3,324,038	4,767,821	3,251,564	2,283,112	2,283,103	2,151,070	2,454,803	2,344,524
<b>Total</b>	<b>41,922,482</b>	<b>43,799,534</b>	<b>47,407,795</b>	<b>53,513,724</b>	<b>46,106,240</b>	<b>31,524,378</b>	<b>31,228,205</b>	<b>32,362,570</b>	<b>31,824,102</b>	<b>26,914,536</b>
<b>Lowfat Cottage Cheese</b>						<b>Nonfat Cottage Cheese</b>				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	4,364,231	4,717,939	4,509,911	4,713,434	5,678,884	922,576	1,011,422	956,070	1,065,779	686,738
Feb	4,459,024	4,770,151	4,600,565	4,328,707	5,177,876	888,512	931,816	885,865	858,154	769,548
Mar	5,420,938	4,969,556	4,791,224	5,039,066	5,086,327	1,131,439	1,042,121	990,258	1,212,888	778,335
Apr	4,755,992	4,685,827	4,041,707	4,548,195	5,790,246	936,439	947,685	861,745	954,101	906,275
May	5,055,070	4,736,952	4,870,824	5,095,705	5,753,081	987,578	1,002,078	1,008,751	1,032,938	880,727
Jun	4,799,728	5,262,355	5,547,057	6,230,332	4,850,007	940,277	1,019,547	1,113,377	999,525	863,711
Jul	4,732,867	4,483,061	5,350,924	7,487,175	5,453,461	1,031,908	911,627	960,588	988,327	904,375
Aug	5,193,843	5,359,339	5,839,977	8,002,964	4,986,849	958,032	1,207,576	1,075,189	1,335,383	838,993
Sep	4,739,694	4,804,970	4,998,494	7,388,579	5,137,352	985,502	922,241	934,345	1,122,819	858,537
Oct	4,609,321	4,528,254	4,865,518	7,336,484	5,540,374	962,851	890,398	955,116	1,095,065	862,155
Nov	4,384,698	4,461,965	4,633,562	6,678,232	4,351,224	841,768	1,032,466	931,814	974,835	681,636
Dec	3,900,797	4,129,169	3,896,961	6,716,913	4,514,298	806,744	820,981	785,470	789,742	764,123
<b>Total</b>	<b>56,416,203</b>	<b>56,909,538</b>	<b>57,946,724</b>	<b>73,565,786</b>	<b>62,319,979</b>	<b>11,393,626</b>	<b>11,739,958</b>	<b>11,458,588</b>	<b>12,429,556</b>	<b>9,795,153</b>
<b>Total Cottage Cheese</b>						<b>Buttermilk</b>				
	<i>Pounds</i>					<i>Gallons</i>				
Jan	7,860,903	8,270,187	8,047,904	8,316,633	8,698,249	663,382	657,766	721,136	816,789	1,967,299
Feb	7,889,283	8,206,954	8,054,055	7,439,765	7,923,432	648,234	652,102	837,012	849,517	1,563,151
Mar	9,632,741	8,809,474	8,543,418	9,080,131	8,055,771	743,446	764,071	836,133	907,836	1,897,451
Apr	8,375,047	8,210,759	7,230,022	8,145,414	8,953,317	697,862	677,490	708,763	840,636	1,184,047
May	8,657,339	8,347,565	8,698,700	8,785,873	9,017,234	709,338	702,197	741,232	857,201	1,446,244
Jun	8,505,681	9,223,251	10,263,720	10,089,896	8,452,387	710,267	701,234	692,886	791,123	1,058,842
Jul	8,615,358	7,925,987	9,151,966	11,416,486	8,836,475	696,046	804,591	712,859	845,879	909,667
Aug	8,975,109	9,567,575	10,388,464	12,428,163	8,032,599	695,795	834,037	746,847	861,021	934,232
Sep	8,390,455	8,463,991	8,302,797	11,480,257	8,235,165	698,641	766,874	678,499	798,873	814,937
Oct	8,182,288	7,903,785	8,591,010	11,113,767	8,729,678	662,573	777,604	815,352	869,662	801,457
Nov	7,636,178	8,124,126	8,112,276	10,044,465	6,931,554	716,619	836,821	745,007	863,067	915,248
Dec	7,020,857	7,268,083	6,859,913	9,999,984	7,663,037	725,323	823,646	815,062	1,353,535	4,686,655
<b>Total</b>	<b>99,741,239</b>	<b>100,321,737</b>	<b>102,244,245</b>	<b>118,340,834</b>	<b>99,528,898</b>	<b>8,367,526</b>	<b>8,998,433</b>	<b>9,050,788</b>	<b>10,655,139</b>	<b>18,179,230</b>

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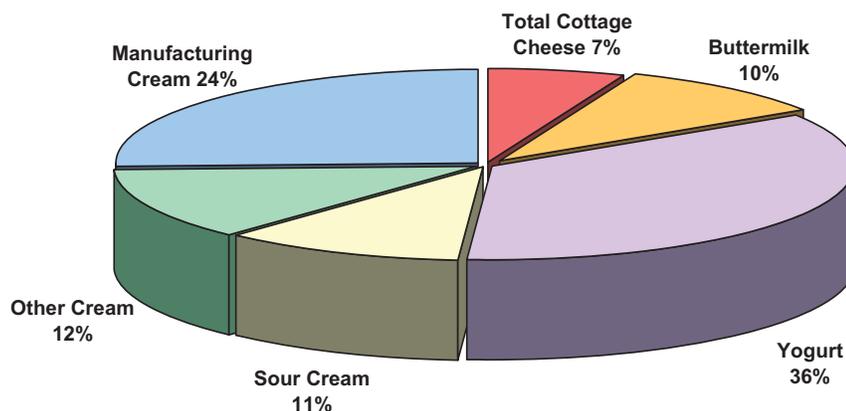


# Class 2 Production - Continued

## Production of Class 2 Products in California, 2004-2008- Continued

Month	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
<b>Manufacturing Cream</b>						<b>Yogurt Production</b>				
	<i>Gallons</i>					<i>Pounds</i>				
Jan	3,046,390	2,258,824	3,165,573	3,507,982	4,059,681	45,144,852	41,211,042	46,710,131	51,699,776	49,726,963
Feb	2,680,029	2,405,028	3,013,121	3,376,079	4,468,373	34,419,189	40,246,835	43,227,405	42,955,328	51,220,967
Mar	2,683,164	2,458,236	3,736,731	3,993,941	4,057,702	44,248,786	45,462,036	49,355,395	49,597,204	49,517,215
Apr	2,733,865	2,283,734	3,287,636	3,870,872	4,164,674	39,100,026	45,142,452	44,086,260	44,358,530	45,791,693
May	2,513,448	2,403,060	3,572,022	3,991,653	3,939,432	38,689,384	44,285,765	47,865,284	47,903,922	49,844,377
Jun	2,493,813	2,007,656	3,341,362	3,310,567	3,921,928	38,134,530	44,180,416	46,593,319	46,400,875	45,675,198
Jul	2,521,515	1,877,805	3,046,611	3,533,570	3,610,215	35,325,538	41,745,891	41,189,358	44,138,960	51,548,470
Aug	2,604,023	1,897,808	3,515,701	3,825,420	3,605,172	40,504,859	48,799,214	51,114,582	49,745,935	50,038,772
Sep	2,475,799	1,869,688	2,915,635	3,346,928	3,745,419	38,069,391	45,579,429	45,510,256	47,633,915	49,181,726
Oct	2,525,320	3,454,004	3,149,594	3,970,239	4,009,986	35,434,920	41,473,322	44,395,796	50,388,436	55,957,677
Nov	2,130,633	3,285,666	3,209,916	3,977,898	3,612,962	34,179,401	40,459,443	41,906,715	42,013,270	35,209,119
Dec	2,191,616	3,357,417	3,504,659	3,749,324	3,549,614	31,050,927	33,405,741	41,392,029	43,084,903	48,055,514
<b>Total</b>	<b>30,599,615</b>	<b>29,558,926</b>	<b>39,458,561</b>	<b>44,454,473</b>	<b>46,745,158</b>	<b>454,301,803</b>	<b>511,991,586</b>	<b>543,346,530</b>	<b>559,921,054</b>	<b>581,767,691</b>
<b>Sour Cream &amp; Sour Cream Dressing</b>						<b>Other Cream</b>				
	<i>Gallons</i>					<i>Gallons</i>				
Jan	1,512,230	1,696,310	1,805,929	2,082,788	1,591,136	1,521,955	1,434,818	1,608,802	1,421,984	1,616,764
Feb	1,512,212	1,764,284	1,750,295	2,001,739	1,478,526	1,762,631	1,490,106	1,522,118	1,271,371	1,617,424
Mar	1,963,642	2,004,546	2,024,067	1,934,881	1,656,022	2,066,768	1,764,562	1,761,424	1,467,772	1,657,255
Apr	1,609,397	1,773,816	1,916,551	2,098,528	1,557,072	1,971,269	1,675,638	1,658,459	1,298,732	1,843,938
May	1,651,602	2,058,141	2,154,381	2,106,681	1,748,180	1,784,896	1,700,598	1,722,453	1,300,722	1,861,773
Jun	1,783,813	2,070,682	2,022,783	1,826,588	1,589,091	1,955,841	1,544,562	1,677,950	1,496,975	2,193,212
Jul	1,487,796	1,748,981	1,990,987	1,899,622	1,532,377	1,881,642	1,434,907	1,491,904	1,469,380	2,038,631
Aug	1,765,686	2,115,922	2,313,532	1,807,505	1,578,590	1,834,544	1,681,938	1,868,779	1,449,538	1,894,416
Sep	1,554,475	1,747,548	1,754,983	1,636,452	1,539,491	1,765,626	1,635,428	1,844,761	1,291,581	1,783,186
Oct	1,746,639	1,928,282	2,106,279	2,151,302	1,858,880	1,954,841	1,705,056	1,683,777	1,794,216	2,193,509
Nov	2,289,992	2,850,813	2,470,940	2,281,543	1,777,885	2,528,052	2,019,021	2,156,306	2,186,359	2,101,720
Dec	1,829,323	2,071,975	1,984,724	1,870,742	1,895,758	2,158,274	2,093,294	1,824,565	1,871,541	2,097,263
<b>Total</b>	<b>20,706,807</b>	<b>23,831,300</b>	<b>24,295,451</b>	<b>23,698,371</b>	<b>19,803,008</b>	<b>23,186,339</b>	<b>20,179,928</b>	<b>20,821,298</b>	<b>18,320,171</b>	<b>22,899,091</b>

### Class 2 Products in 2008





# Class 3 Production

## Production of Class 3 Products in California, 2004-2008

Month	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
<b>Ice Cream</b>					<b>Ice Milk <sup>1/</sup></b>					
	<i>Gallons</i>					<i>Gallons</i>				
Jan	6,216,956	5,978,457	7,932,440	7,681,137	7,809,460	1,899,195	1,443,580	1,422,577	1,209,864	1,270,887
Feb	8,074,961	8,032,103	9,056,050	9,451,138	10,393,902	2,164,457	1,781,536	1,449,836	1,397,943	1,232,732
Mar	11,919,064	11,607,076	13,117,685	12,183,568	12,671,702	2,556,875	2,130,684	1,725,833	1,702,830	1,664,407
Apr	10,310,028	10,902,800	11,332,952	12,603,353	12,658,486	2,432,082	1,957,578	1,710,850	1,822,762	1,581,708
May	11,634,865	11,820,532	11,733,169	14,272,070	12,540,816	2,617,310	2,262,103	2,198,796	1,795,731	1,748,349
Jun	12,040,903	14,263,631	15,053,890	13,865,207	15,234,607	2,528,381	2,293,390	2,607,064	2,060,100	1,792,080
Jul	10,017,929	12,310,430	13,070,230	12,641,848	12,482,151	2,729,662	2,259,434	2,033,039	1,904,622	1,897,251
Aug	10,835,323	15,204,138	13,808,858	12,384,094	10,956,465	2,660,236	2,241,451	1,980,610	1,832,915	1,715,314
Sep	10,914,981	12,705,775	12,270,851	9,284,868	11,742,147	2,153,555	1,816,604	1,640,586	1,328,262	1,428,802
Oct	8,922,157	10,505,448	9,220,502	10,614,003	9,979,414	1,849,254	1,977,868	1,445,059	1,413,441	1,382,559
Nov	8,101,543	9,974,988	8,846,511	9,185,928	9,054,266	1,734,899	1,717,968	1,175,069	1,105,010	1,184,093
Dec	6,713,785	7,082,226	7,522,150	5,578,933	7,262,637	1,732,232	1,308,243	1,142,316	998,895	1,065,776
<b>Total</b>	<b>115,702,496</b>	<b>130,387,603</b>	<b>132,965,290</b>	<b>129,746,146</b>	<b>132,786,053</b>	<b>27,058,138</b>	<b>23,190,440</b>	<b>20,531,636</b>	<b>18,572,375</b>	<b>17,963,958</b>
<b>Sherbet</b>					<b>Frozen Yogurt <sup>2/</sup></b>					
	<i>Gallons</i>					<i>Gallons</i>				
Jan	292,652	403,180	280,089	215,539	181,767	337,960	351,229	301,549	510,794	460,522
Feb	481,385	580,292	488,690	359,726	201,190	359,842	312,738	312,880	558,928	549,582
Mar	705,881	755,176	527,322	548,598	410,876	444,318	368,864	452,822	704,877	719,710
Apr	645,220	558,220	372,860	504,111	486,006	446,438	396,517	407,638	738,570	670,043
May	684,540	607,058	463,415	556,734	444,031	460,382	368,939	354,054	817,936	916,576
Jun	961,415	788,385	568,745	529,803	539,629	465,904	451,026	448,930	814,565	791,971
Jul	627,133	691,924	546,239	545,746	403,337	377,110	412,389	353,451	362,987	741,722
Aug	646,438	970,863	516,561	467,520	360,582	494,981	400,554	471,309	409,374	727,536
Sep	604,555	900,981	465,574	273,181	362,103	461,738	414,797	310,165	313,845	694,763
Oct	459,881	358,404	319,864	334,948	304,064	287,798	359,166	356,086	259,144	487,566
Nov	403,430	298,457	162,857	228,996	186,340	304,754	342,342	326,301	322,272	511,277
Dec	175,022	252,345	121,468	92,555	208,596	206,189	199,650	353,008	131,898	357,106
<b>Total</b>	<b>6,687,552</b>	<b>7,165,285</b>	<b>4,833,684</b>	<b>4,657,457</b>	<b>4,088,521</b>	<b>4,647,414</b>	<b>4,378,210</b>	<b>4,448,194</b>	<b>5,945,189</b>	<b>7,628,374</b>
<b>Total Frozen Products</b>										
	<i>Gallons</i>									
Jan	8,929,717	8,358,463	10,127,036	9,902,463	9,848,238					
Feb	11,364,840	11,156,317	11,709,614	12,151,552	12,504,980					
Mar	16,039,828	15,271,113	16,257,823	15,664,263	15,721,434					
Apr	14,139,627	14,279,583	14,279,899	16,161,857	15,697,494					
May	15,791,230	15,473,220	15,243,600	17,968,203	15,895,999					
Jun	16,512,179	18,354,763	19,360,466	17,762,865	18,627,864					
Jul	14,157,236	16,320,907	16,566,902	15,901,231	15,756,335					
Aug	14,916,036	19,367,854	17,358,770	15,475,936	13,975,482					
Sep	14,442,697	16,571,268	15,200,968	11,444,848	14,390,445					
Oct	11,679,179	13,695,724	11,682,217	13,106,715	12,318,290					
Nov	10,720,784	12,687,750	10,695,936	11,124,174	11,248,097					
Dec	9,018,494	9,001,218	9,326,220	6,853,264	8,982,974					
<b>Total</b>	<b>157,711,847</b>	<b>170,538,181</b>	<b>167,809,451</b>	<b>163,517,371</b>	<b>164,967,632</b>					

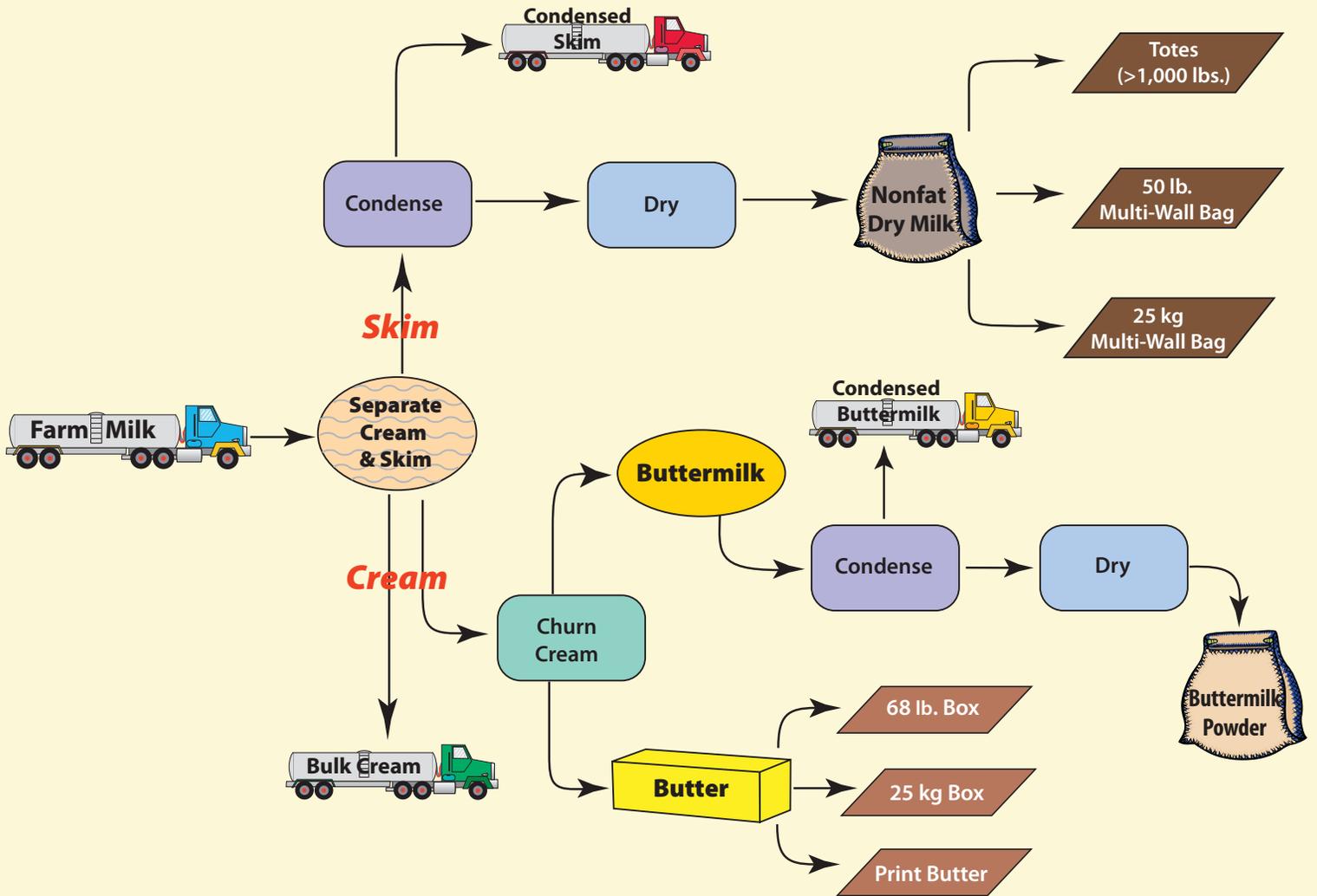
<sup>1/</sup> Includes Light Dairy Dessert and Nonfat Ice Cream.

<sup>2/</sup> Includes nonfat and reduced fat yogurts.





# Flowchart of a Butter and Nonfat Dry Milk Plant





# Class 4a/4b Production

## Production of Class 4a and 4b Products in California, 2004-2008

Month	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008	
<b>Butter</b>					<b>Nonfat Dry Milk for Human Consumption<sup>1/</sup></b>						
<b>Class 4a Production</b>					<b>Class 4a Production</b>						
	<i>Pounds</i>						<i>Pounds</i>				
Jan	32,958,696	34,045,410	42,976,958	45,520,686	50,592,341	62,911,908	39,365,176	48,579,565	63,665,407	57,288,024	
Feb	31,045,809	31,364,520	41,479,121	40,115,255	43,859,521	59,146,911	41,553,666	47,543,583	58,806,808	61,633,275	
Mar	28,754,306	34,504,955	44,064,774	44,313,530	49,114,701	62,940,512	43,959,258	56,488,371	64,143,368	69,100,373	
Apr	31,327,685	32,834,652	39,471,374	41,214,813	48,369,193	66,100,882	38,645,153	54,696,395	63,601,072	66,855,636	
May	31,540,227	30,903,999	37,669,601	37,817,589	48,200,544	70,399,660	42,922,543	52,909,989	58,875,093	64,429,400	
Jun	29,976,005	32,217,672	31,687,082	36,098,788	44,133,554	68,151,913	46,887,207	49,991,171	59,811,193	70,018,584	
Jul	30,398,453	31,492,143	26,008,085	39,960,211	41,959,963	66,019,089	38,759,814	35,598,232	62,757,130	67,021,416	
Aug	31,753,592	31,886,556	31,673,562	38,573,181	43,830,033	64,181,225	37,698,760	40,665,941	59,435,650	75,327,458	
Sep	34,033,876	35,294,621	34,879,610	39,257,451	41,915,336	59,929,429	35,009,310	35,969,646	54,457,368	55,078,670	
Oct	36,241,101	36,216,419	38,368,083	45,408,655	44,401,215	65,115,743	40,490,869	36,032,095	61,805,706	74,872,141	
Nov	30,655,194	36,280,628	36,446,576	43,701,937	45,742,199	53,324,767	50,985,022	43,092,311	59,440,047	72,402,262	
Dec	37,283,667	40,829,043	43,866,006	46,965,717	53,382,597	44,518,108	50,175,154	60,310,810	58,032,964	85,156,234	
<b>Total</b>	<b>385,968,611</b>	<b>407,870,618</b>	<b>448,590,832</b>	<b>498,947,813</b>	<b>555,501,197</b>	<b>742,740,147</b>	<b>506,451,932</b>	<b>561,878,109</b>	<b>724,831,806</b>	<b>819,183,473</b>	
<b>Dry Buttermilk</b>					<b>Condensed Skim &amp; Evaporated</b>						
	<i>Pounds</i>						<i>Pounds</i>				
Jan	2,765,335	2,783,041	3,759,027	3,622,951	2,048,370	93,126,531	79,841,241	79,508,529	100,092,175	116,538,851	
Feb	2,529,740	2,388,937	3,340,034	3,436,217	1,797,247	88,961,542	69,135,566	90,061,748	102,403,499	110,226,737	
Mar	2,264,019	2,633,229	3,466,790	3,680,031	1,794,269	126,452,840	92,018,049	107,849,405	118,508,208	122,912,063	
Apr	2,472,322	2,748,742	3,648,445	3,643,123	2,649,856	135,166,212	90,928,272	101,021,219	124,340,110	127,709,639	
May	2,488,797	2,380,685	3,052,336	3,102,929	3,686,254	111,419,357	98,691,476	114,552,077	132,635,025	127,659,108	
Jun	2,348,327	2,305,127	2,959,585	3,211,048	3,587,816	77,443,231	94,691,700	100,560,953	122,617,235	123,404,917	
Jul	2,402,384	2,459,263	2,364,804	3,228,898	3,348,593	83,357,040	96,188,516	99,793,181	122,094,771	119,513,573	
Aug	2,372,633	2,209,467	2,561,708	3,349,547	3,635,255	87,712,555	101,399,559	108,946,661	129,576,332	113,885,421	
Sep	2,458,319	2,770,524	2,805,795	3,090,768	3,313,615	83,852,756	95,332,534	102,179,656	118,590,969	102,327,713	
Oct	2,486,073	2,856,311	3,266,077	3,975,022	3,897,452	79,286,157	97,952,590	100,022,093	126,564,934	104,250,437	
Nov	2,489,350	2,857,722	2,895,324	3,452,298	3,627,095	77,040,517	88,052,647	86,894,901	115,382,377	94,967,980	
Dec	2,984,288	3,286,566	3,856,643	2,854,922	1,781,009	69,848,390	81,844,673	79,802,438	112,026,031	91,849,226	
<b>Total</b>	<b>30,061,587</b>	<b>31,679,614</b>	<b>37,976,568</b>	<b>40,647,754</b>	<b>35,166,831</b>	<b>1,113,667,128</b>	<b>1,086,076,823</b>	<b>1,171,192,861</b>	<b>1,424,831,666</b>	<b>1,355,245,665</b>	
<b>Class 4b Production</b>					<b>Other Dry Milk Products</b>						
<b>Whey Protein Concentrate (Human &amp; Isolates)</b>					<b>Other Dry Milk Products</b>						
	<i>Pounds</i>						<i>Pounds</i>				
Jan	9,877,132	9,716,646	13,038,089	11,324,298	9,221,057	20,991,141	41,945,796	46,386,290	27,183,055	40,044,286	
Feb	8,586,137	8,743,731	11,808,089	9,920,419	10,483,616	20,302,476	38,084,708	37,010,690	26,442,476	34,033,159	
Mar	8,868,054	9,861,419	12,978,014	12,343,581	11,505,496	21,829,815	43,282,777	39,094,252	29,911,359	35,357,017	
Apr	9,332,327	11,071,330	12,670,580	11,384,680	10,424,401	22,317,134	43,134,412	37,378,170	27,753,285	37,074,959	
May	8,987,549	9,059,775	12,638,704	10,978,069	11,854,432	22,847,357	37,559,160	38,103,355	30,352,374	41,481,945	
Jun	8,646,483	10,002,308	11,930,591	11,387,103	11,871,407	22,128,076	38,854,866	38,506,326	25,155,657	30,603,083	
Jul	9,347,945	10,300,351	11,155,591	10,828,724	11,862,260	21,754,261	41,830,952	39,974,001	28,288,164	31,863,272	
Aug	8,135,342	8,808,018	11,619,655	10,585,493	11,156,448	21,123,070	48,572,819	40,442,160	28,957,659	25,566,862	
Sep	8,849,308	11,011,534	11,269,109	9,985,561	10,609,103	21,710,353	51,420,928	42,624,117	25,082,757	39,142,221	
Oct	8,752,430	11,574,329	11,653,842	9,590,523	11,813,098	21,055,939	42,768,978	46,919,640	27,926,607	24,333,943	
Nov	8,701,755	10,305,296	10,501,573	9,847,845	11,004,567	21,547,164	33,160,154	41,599,723	26,618,899	26,405,101	
Dec	9,151,601	11,741,344	12,293,543	11,979,177	11,804,682	23,051,195	41,935,131	31,918,527	37,174,757	23,489,287	
<b>Total</b>	<b>107,236,063</b>	<b>122,196,081</b>	<b>143,557,380</b>	<b>130,155,473</b>	<b>133,610,567</b>	<b>260,657,981</b>	<b>502,550,681</b>	<b>479,957,251</b>	<b>340,847,049</b>	<b>389,395,135</b>	

<sup>1/</sup> These totals do not include production of Skim Milk Powder (20-40% protein) and Skim Milk Powder Blends (previously referred to as Fat-Filled Powder, i.e. fortified with vitamins, minerals, or oils) as they do not meet the USDA definition of NFDM.





# Class 4b Production

## Production of Class 4b Products in California, 2004-2008

Month	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
<b>Monterey Jack Cheese</b>						<b>Cheddar Cheese</b>				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	23,645,344	25,586,498	23,827,769	29,271,143	24,564,891	47,149,028	47,382,324	42,830,923	43,292,682	32,341,978
Feb	22,746,477	22,595,503	25,015,588	24,684,667	22,519,144	43,940,944	43,097,647	38,771,796	41,368,807	30,464,194
Mar	25,654,134	27,591,069	30,714,265	29,897,445	24,306,311	44,063,698	46,316,541	42,838,322	41,452,887	32,856,643
Apr	21,223,316	27,952,247	27,723,883	29,178,864	23,632,768	50,615,324	45,900,799	43,732,844	39,753,156	31,935,877
May	22,904,777	30,283,577	28,412,176	28,721,088	24,831,275	47,780,102	46,373,809	42,551,592	42,212,683	33,074,399
Jun	23,262,366	28,231,850	26,919,248	27,710,931	21,674,076	43,304,356	45,070,934	40,958,410	39,539,101	31,133,530
Jul	23,383,176	27,971,863	25,415,360	29,515,263	22,787,902	44,251,785	41,135,299	40,344,095	40,476,091	33,712,433
Aug	25,198,498	29,892,900	26,633,643	28,200,727	25,821,116	40,425,579	40,322,325	40,762,882	39,416,099	28,470,304
Sep	24,348,566	26,611,124	26,438,578	25,882,051	27,094,071	41,813,575	41,423,154	44,602,796	33,299,122	26,271,253
Oct	26,380,514	28,675,401	31,211,900	28,433,338	27,133,232	43,791,071	41,661,625	36,720,862	33,187,506	30,213,318
Nov	24,809,744	28,461,066	24,927,749	24,595,931	25,418,727	44,344,402	41,799,744	38,868,517	35,215,224	30,502,345
Dec	27,099,827	28,226,696	25,505,267	22,965,759	22,587,347	46,838,113	42,138,738	43,405,184	39,986,355	34,141,419
<b>Total</b>	<b>290,656,739</b>	<b>332,079,794</b>	<b>322,745,426</b>	<b>329,057,207</b>	<b>292,370,860</b>	<b>538,317,977</b>	<b>522,622,939</b>	<b>496,388,223</b>	<b>469,199,713</b>	<b>375,117,693</b>
<b>Mozzarella Cheese</b>						<b>Provolone</b>				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	75,671,480	78,150,386	87,999,727	96,910,010	97,418,310	3,128,627	3,808,418	2,775,517	4,701,693	3,610,809
Feb	69,622,559	72,856,962	77,103,684	87,584,812	91,292,659	3,345,860	2,830,258	4,507,585	4,699,088	3,511,158
Mar	77,206,437	80,615,960	88,044,822	98,826,334	95,584,075	3,251,024	4,394,996	3,775,408	5,467,193	3,555,639
Apr	74,941,169	77,272,304	88,918,214	94,128,408	92,601,565	2,964,404	4,197,523	3,930,637	5,026,590	3,971,330
May	74,139,223	81,377,256	87,320,003	94,534,952	92,222,389	3,440,189	3,253,517	4,388,159	4,941,906	4,995,198
Jun	70,508,653	81,657,451	85,259,501	94,098,677	90,235,360	3,023,537	3,878,051	4,307,354	5,043,879	3,491,759
Jul	69,669,967	78,451,632	82,582,958	96,729,507	88,240,121	3,745,321	4,544,945	4,372,489	4,551,155	4,498,673
Aug	69,572,542	79,776,228	92,457,047	93,680,426	89,253,121	3,749,264	4,849,157	5,536,072	5,560,565	4,477,620
Sep	70,818,589	79,801,245	89,679,561	90,753,268	88,360,120	3,320,029	5,499,892	5,209,744	5,640,721	4,189,447
Oct	73,900,938	81,932,711	91,624,198	96,576,510	92,802,123	3,207,249	4,380,929	4,753,442	4,743,989	3,682,958
Nov	80,233,782	85,434,436	89,988,133	93,947,264	91,756,977	4,017,121	4,084,652	4,764,730	4,399,572	3,448,439
Dec	81,487,618	89,567,958	97,216,104	99,104,236	95,825,552	3,659,710	3,362,571	4,359,708	3,518,471	3,257,456
<b>Total</b>	<b>887,772,957</b>	<b>966,894,529</b>	<b>1,058,193,952</b>	<b>1,136,874,404</b>	<b>1,105,592,372</b>	<b>40,852,335</b>	<b>49,084,909</b>	<b>52,680,845</b>	<b>58,294,822</b>	<b>46,690,486</b>
<b>Hispanic Cheese</b>						<b>Other Cheese <sup>1/</sup></b>				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	6,605,563	7,294,458	8,005,898	9,539,910	9,249,055	5,705,929	11,510,448	7,354,743	9,458,253	11,441,295
Feb	7,427,612	7,599,143	8,198,611	8,385,517	9,123,729	6,788,268	7,622,407	5,731,606	11,393,849	9,327,653
Mar	7,827,739	8,533,100	9,024,927	10,077,683	8,958,622	8,778,472	7,801,960	9,920,238	12,055,557	10,355,291
Apr	7,592,470	8,159,988	8,815,667	9,130,627	9,626,954	6,637,791	12,774,689	8,167,404	12,241,414	9,891,411
May	6,674,170	8,181,357	8,617,062	9,699,590	8,708,698	6,278,089	12,169,970	9,603,042	9,395,825	11,569,570
Jun	7,545,345	8,092,426	8,642,017	8,305,667	8,688,594	7,384,849	11,169,329	10,052,461	8,999,628	10,732,957
Jul	7,559,174	7,811,211	8,454,482	9,509,763	9,179,598	6,827,977	9,360,388	7,981,465	9,363,865	9,519,359
Aug	7,488,268	8,432,484	9,461,121	9,345,571	9,879,016	6,195,101	7,567,697	7,915,087	8,919,650	10,757,533
Sep	7,646,121	8,392,191	9,016,871	8,657,815	9,061,990	6,484,116	6,220,694	7,959,873	8,189,869	7,903,011
Oct	7,613,686	8,087,630	8,719,107	9,480,779	9,514,332	5,802,731	7,030,805	10,067,383	10,414,351	6,817,003
Nov	7,455,611	7,881,606	8,745,679	8,773,074	8,213,323	10,429,837	6,992,058	13,088,087	9,492,940	8,916,965
Dec	7,640,484	7,883,410	8,387,615	7,825,117	8,873,625	14,325,097	7,075,100	10,058,136	10,597,860	10,014,660
<b>Total</b>	<b>89,076,243</b>	<b>96,349,004</b>	<b>104,089,057</b>	<b>108,731,113</b>	<b>109,077,536</b>	<b>91,638,257</b>	<b>107,295,545</b>	<b>107,899,525</b>	<b>120,523,061</b>	<b>117,246,728</b>
<b>Parmesan</b>						<b>Total Cheese</b>				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	5,779,664	6,025,440	6,643,679	6,366,698	*	167,685,635	179,757,972	179,438,256	199,540,389	183,437,946
Feb	5,008,808	5,489,035	5,645,946	3,574,150	*	158,880,528	162,090,955	164,974,816	181,690,890	172,188,966
Mar	4,320,265	6,216,775	5,272,594	5,033,024	*	171,101,769	181,470,401	189,590,576	202,810,123	181,596,119
Apr	5,028,059	6,088,742	6,498,056	4,990,612	*	169,002,533	182,346,292	187,786,705	194,449,671	177,665,156
May	3,991,843	5,838,020	6,182,450	5,879,301	*	165,208,393	187,477,506	187,074,484	195,385,345	179,974,359
Jun	5,459,827	3,232,560	5,748,153	5,439,540	*	160,488,933	181,332,601	181,887,144	189,137,423	172,401,911
Jul	6,065,934	5,493,881	6,417,964	5,685,795	*	161,503,334	174,769,219	175,568,813	195,831,439	172,772,885
Aug	4,709,247	5,956,001	5,832,369	5,867,694	*	157,338,499	176,796,792	188,598,221	190,990,732	173,368,926
Sep	5,972,468	6,254,355	2,447,255	5,240,394	*	160,403,464	174,202,655	185,354,678	177,663,240	168,293,160
Oct	6,359,724	4,414,268	5,591,535	5,897,856	*	167,055,913	176,183,369	188,688,427	188,734,329	177,017,833
Nov	2,774,083	3,565,105	3,237,486	5,150,756	*	174,064,580	178,218,667	183,620,381	181,574,761	174,600,551
Dec	3,506,219	4,644,533	6,225,258	5,444,172	*	184,557,068	182,899,006	195,157,272	189,441,970	179,920,391
<b>Total</b>	<b>58,976,141</b>	<b>63,218,715</b>	<b>65,742,745</b>	<b>64,569,992</b>	<b>63,459,015</b>	<b>1,997,290,649</b>	<b>2,137,545,435</b>	<b>2,207,739,773</b>	<b>2,287,250,312</b>	<b>2,113,238,203</b>

<sup>1/</sup> Other cheese includes all cheeses not included in the cheese categories listed above.  
 \* Data not published for confidentiality reasons.



# California Prices and Cost of Production

**C**alifornia saw an increase in total milk production in 2008 of 1.3 percent. The record high class prices of July-December 2007 continued

Wholesale prices for Grade AA butter, nonfat dry milk (NFDM), dry whey, and Cheddar cheese form the basis for California's



regulated milk prices. Of the four commodities, prices for nonfat dry milk recorded the largest overall decrease from January through December 2008. Grade AA butter and Cheddar

consistent and steady decreases from January through December 2008.

The difference in the 2008 overall average per pound commodity prices for the Class 1 pricing formulas when compared to 2007: butter averaged 9.1¢ higher; Cheddar cheese averaged 13.3¢ higher; nonfat dry milk averaged 28.4¢ lower; and Western dry whey averaged 34.2¢ lower.

into 2008 but began to decline near year end. Milk production in California and across most of the U.S. continued to grow at a steady but slower rate.

cheese commodity prices peaked in mid-year, while Western dry whey showed

The twelve-month average price paid to producers for 2008 was \$16.80 per hundredweight, a seven percent decrease from the record high \$18.04 in 2007, and 45 percent above the \$11.59 average price paid in 2006. The record high average prices paid to producers that began in May 2007 at \$17.29 per hundredweight, continued until December 2008, when the average price paid to producers fell to \$13.38.

## Selected Monthly Commodity Prices Used in the Calculation of California Class 1 Prices, 2008

Month	Chicago Mercantile Exchange		Dairy Market News	California Manufacturing Plants
	Grade AA Butter	Block Cheddar Cheese	Western Dry Whey	Nonfat Dry Milk
<i>Dollars Per Pound</i>				
January	1.2390	2.0308	0.4275	1.7009
February	1.2223	1.8348	0.2750	1.4868
March	1.2803	1.9605	0.2350	1.2482
April	1.3679	1.8242	0.2650	1.2498
May	1.4425	1.9595	0.2825	1.2614
June	1.4820	2.1905	0.2800	1.3421
July	1.5418	1.9140	0.2800	1.3528
August	1.5993	1.8553	0.2800	1.3585
September	1.6427	1.7489	0.2488	1.3301
October	1.7298	1.8559	0.1850	1.1214
November	1.6791	1.6457	0.1700	0.9174
December	1.2939	1.7853	0.1600	0.8639





# Minimum Class 1 Prices

## Minimum Prices in California for Market Milk Used to Produce Class 1 Products, by Marketing Area, 2004-2008

Year & Month	Northern California				Southern California				Wtd. Avg. Basis <sup>2/</sup>
	Fat	SNF	Fluid	Equivalent	Fat	SNF	Fluid	Equivalent	
<b>2004</b>									
Jan	1.3887	0.8115	0.0223	13.88	1.3887	0.8115	0.0254	14.15	14.01
Feb	1.5003	0.7303	0.0198	13.34	1.5003	0.7303	0.0229	13.62	13.47
Mar	1.7705	0.6826	0.0183	13.74	1.7705	0.6826	0.0214	14.01	13.87
Apr	2.3132	0.6945	0.0187	15.78	2.3132	0.6945	0.0218	16.05	15.91
May	2.3887	1.1510	0.0329	21.26	2.3887	1.1510	0.0360	21.53	21.39
Jun	2.4605	1.1963	0.0344	22.04	2.4605	1.1963	0.0375	22.31	22.17
Jul	2.1167	0.9799	0.0276	18.36	2.1167	0.9799	0.0307	18.63	18.49
Aug	2.1345	0.7091	0.0191	15.32	2.1345	0.7091	0.0222	15.59	15.45
Sep	1.7929	0.8417	0.0233	15.64	1.7929	0.8417	0.0264	15.92	15.78
Oct	1.9187	0.8349	0.0231	16.01	1.9187	0.8349	0.0262	16.28	16.14
Nov	1.9717	0.7889	0.0216	15.66	1.9717	0.7889	0.0247	15.93	15.79
Dec	1.9099	0.8464	0.0234	16.10	1.9099	0.8464	0.0265	16.38	16.23
<b>2005</b>									
Jan	2.2367	0.9488	0.0266	18.42	2.2367	0.9488	0.0297	18.69	18.55
Feb	1.7667	0.8129	0.0224	15.22	1.7667	0.8129	0.0255	15.49	15.35
Mar	1.8070	0.8760	0.0243	16.08	1.8070	0.8760	0.0274	16.35	16.21
Apr	1.7313	0.8699	0.0241	15.74	1.7313	0.8699	0.0272	16.02	15.88
May	1.7527	0.9182	0.0257	16.38	1.7527	0.9182	0.0288	16.65	16.51
Jun	1.5437	0.8408	0.0232	14.75	1.5437	0.8408	0.0263	15.03	14.89
Jul	1.6052	0.8596	0.0238	15.19	1.6052	0.8596	0.0269	15.46	15.32
Aug	1.9011	0.8256	0.0228	15.84	1.9011	0.8256	0.0259	16.11	15.97
Sep	1.8605	0.7839	0.0215	15.22	1.8605	0.7839	0.0246	15.49	15.35
Oct	1.9247	0.7938	0.0218	15.56	1.9247	0.7938	0.0249	15.83	15.69
Nov	1.8649	0.8091	0.0222	15.52	1.8649	0.8091	0.0253	15.79	15.65
Dec	1.6802	0.8189	0.0226	14.99	1.6802	0.8189	0.0257	15.26	15.12
<b>2006</b>									
Jan	1.5417	0.8182	0.0225	14.49	1.5417	0.8182	0.0256	14.76	14.62
Feb	1.5382	0.8170	0.0225	14.47	1.5382	0.8170	0.0256	14.74	14.60
Mar	1.3735	0.7552	0.0206	13.19	1.3735	0.7552	0.0237	13.46	13.32
Apr	1.2961	0.7215	0.0195	12.53	1.2961	0.7215	0.0226	12.80	12.67
May	1.2745	0.7112	0.0192	12.33	1.2745	0.7112	0.0223	12.61	12.48
Jun	1.3000	0.7043	0.0190	12.35	1.3000	0.7043	0.0221	12.62	12.49
Jul	1.2933	0.7086	0.0191	12.37	1.2933	0.7086	0.0222	12.64	12.51
Aug	1.2667	0.6872	0.0184	12.03	1.2667	0.6872	0.0215	12.30	12.17
Sep	1.3873	0.7020	0.0189	12.62	1.3873	0.7020	0.0220	12.89	12.77
Oct	1.5030	0.7498	0.0204	13.57	1.5030	0.7498	0.0235	13.85	13.72
Nov	1.4567	0.7209	0.0195	13.08	1.4567	0.7209	0.0226	13.35	13.23
Dec	1.4236	0.7533	0.0205	13.34	1.4236	0.7533	0.0236	13.61	13.48
<b>2007</b>									
Jan	1.3914	0.7974	0.0219	13.73	1.3914	0.7974	0.0250	14.00	13.88
Feb	1.3002	0.9451	0.0265	15.10	1.3002	0.9451	0.0296	15.37	15.25
Mar	1.3412	0.9890	0.0278	15.74	1.3412	0.9890	0.0309	16.01	15.89
Apr	1.4122	1.0277	0.0291	16.44	1.4122	1.0277	0.0322	16.71	16.59
May	1.4626	1.1003	0.0313	17.44	1.4626	1.1003	0.0344	17.71	17.59
Jun	1.5815	1.2883	0.0372	20.01	1.5815	1.2883	0.0403	20.28	20.16
Jul	1.7051	1.5104	0.0442	22.99	1.7051	1.5104	0.0473	23.26	23.14
Aug	1.6344	1.5762	0.0462	23.49	1.6344	1.5762	0.0493	23.76	23.64
Sep	1.6600	1.5103	0.0442	22.83	1.6600	1.5103	0.0473	23.10	22.98
Oct	1.5684	1.6007	0.0470	23.54	1.5684	1.6007	0.0501	23.81	23.69
Nov	1.4375	1.6071	0.0472	23.16	1.4375	1.6071	0.0503	23.43	23.31
Dec	1.4490	1.5888	0.0466	22.99	1.4490	1.5888	0.0497	23.26	23.13
<b>2008</b>									
Jan	1.4645	1.5811	0.0464	22.96	1.4645	1.5811	0.0495	23.23	23.10
Feb	1.3452	1.5093	0.0441	21.71	1.3452	1.5093	0.0472	21.98	21.86
Mar	1.3252	1.2700	0.0366	18.90	1.3252	1.2700	0.0397	19.17	19.05
Apr	1.3948	1.3374	0.0387	19.92	1.3948	1.3374	0.0418	20.19	20.06
May	1.4999	1.2059	0.0346	18.78	1.4999	1.2059	0.0377	19.05	18.93
Jun	1.5894	1.3049	0.0377	20.23	1.5894	1.3049	0.0408	20.50	20.37
Jul	1.6368	1.4879	0.0435	22.49	1.6368	1.4879	0.0466	22.77	22.64
Aug	1.7086	1.2306	0.0354	19.79	1.7086	1.2306	0.0385	20.07	19.94
Sep	1.7776	1.1606	0.0332	19.23	1.7776	1.1606	0.0363	19.51	19.38
Oct	1.8296	1.0569	0.0300	18.23	1.8296	1.0569	0.0331	18.50	18.38
Nov	1.9342	1.0682	0.0303	18.72	1.9342	1.0682	0.0334	19.00	18.87
Dec	1.8733	0.8981	0.0250	16.57	1.8733	0.8981	0.0281	16.84	16.71

<sup>1/</sup> Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

<sup>2/</sup> Calculated for the State as a whole using market milk production in each marketing area for weighting.





# Average Retail Prices

## U.S. Retail Price Averages for Whole, Reduced Fat, Lowfat, and Skim Milk December 2006, 2007, 2008 Comparison

City	December 2006				December 2007				December 2008			
	Whole	Reduced Fat	Lowfat	Skim	Whole	Reduced Fat	Lowfat	Skim	Whole	Reduced Fat	Lowfat	Skim
Weighted Average Prices in Dollars Per Gallon												
Albany	2.80	2.69	2.69	2.58	3.96	3.92	3.89	3.85	3.21	3.09	3.10	2.95
Atlanta	3.26	3.19	3.11	3.20	4.08	4.14	4.08	4.13	3.50	3.52	3.41	3.47
Baltimore	3.22	3.14	3.00	3.07	3.89	3.84	3.71	3.66	3.68	3.68	3.58	3.36
Birmingham	3.38	3.21	3.17	3.20	4.12	4.07	4.03	4.11	3.79	3.75	3.76	3.70
Boston	3.04	3.01	3.05	3.04	3.60	3.57	3.60	3.59	3.53	3.50	3.51	3.48
Buffalo/Rochester	2.38	2.20	2.02	1.86	3.29	3.11	2.90	2.71	2.97	2.75	2.66	2.40
Charlotte	3.54	3.59	3.70	3.62	4.06	4.01	4.01	3.97	3.41	3.35	3.32	3.32
Chicago	2.35	2.26	2.23	2.39	3.14	3.03	3.02	3.03	2.63	2.53	2.49	2.46
Cincinnati	2.48	2.40	2.41	2.38	2.96	2.94	2.89	2.89	2.90	2.87	2.81	2.81
Cleveland	2.77	2.64	2.67	2.66	3.52	3.33	3.37	3.32	3.33	3.14	3.17	3.11
Columbus	2.54	2.48	2.41	2.41	3.01	2.97	2.87	2.84	3.05	2.98	2.82	2.85
Dallas	3.12	3.10	3.17	3.03	3.84	3.85	3.93	3.80	3.46	3.39	3.40	3.11
Denver	3.01	2.95	2.97	2.81	3.27	3.18	3.19	3.05	2.93	2.87	2.93	2.77
Des Moines	2.90	2.68	2.55	2.43	3.82	3.60	3.46	3.34	3.52	3.22	3.03	2.86
Detroit	2.68	2.63	2.59	2.62	3.07	3.02	2.95	2.98	2.95	2.87	2.84	2.86
Grand Rapids	2.58	2.45	2.53	2.46	3.23	3.16	3.14	3.13	2.90	2.80	2.97	2.78
Hartford-New Haven	3.58	3.63	3.64	3.74	3.93	3.95	3.96	4.08	3.86	3.88	3.83	4.03
Houston	3.33	3.20	3.18	3.02	3.76	3.65	3.56	3.52	3.43	3.41	3.31	3.18
Indianapolis	2.55	2.46	2.45	2.46	3.18	3.15	3.08	3.12	3.07	3.00	2.95	2.95
Jacksonville	3.43	3.35	3.35	3.35	4.22	4.19	4.19	4.18	3.65	3.60	3.57	3.58
Kansas City	3.11	2.92	2.91	2.69	4.02	3.85	3.83	3.68	3.73	3.56	3.48	3.30
Las Vegas	2.81	2.45	2.41	2.51	3.55	3.42	3.34	3.41	2.99	2.85	2.88	3.00
Little Rock	3.01	2.89	2.87	2.85	4.10	4.03	3.92	3.85	3.69	3.54	3.31	3.24
Los Angeles	2.66	2.45	2.60	2.19	3.62	3.51	3.69	3.27	2.99	2.75	2.93	2.61
Louisville	2.87	2.80	2.65	2.64	3.48	3.37	3.14	3.20	3.34	3.29	3.12	3.12
Memphis	3.03	2.89	2.65	2.70	4.09	3.96	3.63	3.72	3.72	3.55	3.18	3.17
Miami	3.44	3.45	3.31	3.37	4.30	4.31	4.20	4.24	3.81	3.72	3.61	3.59
Milwaukee	2.84	2.55	2.50	2.40	3.54	3.26	3.20	3.07	3.31	2.78	2.81	2.65
Minneapolis	3.45	3.23	3.17	3.08	4.43	4.23	4.24	4.23	4.29	3.91	3.85	3.78
Nashville	3.16	3.04	2.92	2.92	3.93	3.82	3.64	3.72	3.67	3.59	3.50	3.49
New Orleans-Mobile	3.61	3.54	3.50	3.59	4.35	4.27	4.23	4.35	4.41	4.33	4.34	4.42
New York	3.24	3.13	3.18	3.22	4.25	4.12	4.13	4.15	3.84	3.66	3.73	3.70
Oklahoma City-Tulsa	3.02	2.94	2.87	2.86	4.01	3.92	3.83	3.85	3.72	3.58	3.50	3.39
Omaha	2.95	2.66	2.55	2.47	3.79	3.48	3.32	3.22	3.53	3.30	3.09	2.96
Orlando	3.37	3.36	3.35	3.36	4.21	4.19	4.19	4.19	3.63	3.57	3.55	3.55
Philadelphia	3.33	3.19	3.06	3.05	4.05	3.93	3.83	3.79	3.86	3.71	3.59	3.49
Phoenix	2.13	2.12	2.16	2.13	2.97	2.88	2.85	2.75	2.62	2.58	2.56	2.32
Pittsburgh	2.98	2.84	2.78	2.78	3.74	3.61	3.54	3.52	3.57	3.40	3.31	3.28
Portland	2.42	2.21	2.23	2.22	3.10	2.98	3.05	3.04	2.86	2.80	2.91	2.82
Raleigh-Durham	3.83	3.78	3.79	3.75	4.07	4.01	3.95	3.93	3.72	3.65	3.69	3.65
Richmond-Norfolk	3.54	3.53	3.38	3.33	4.27	4.27	4.10	4.08	3.54	3.50	3.39	3.34
Sacramento	2.87	2.81	2.88	2.58	3.71	3.71	3.78	3.67	3.15	3.10	3.11	2.80
Salt Lake City-Boise	2.45	2.30	2.13	2.42	3.14	2.93	2.91	3.10	2.68	2.39	2.37	2.53
San Antonio	3.49	3.36	3.24	3.03	3.58	3.44	3.27	3.11	3.58	3.44	3.27	3.09
San Diego	2.63	2.45	2.56	2.16	3.63	3.56	3.70	3.29	2.97	2.77	2.94	2.69
San Francisco	2.94	2.79	3.33	2.66	3.91	3.83	4.38	3.82	3.20	3.05	3.21	2.85
Seattle	2.63	2.38	2.40	2.46	3.21	3.03	3.10	3.08	3.03	2.86	2.97	2.89
St Louis	2.95	2.81	2.76	2.66	3.90	3.71	3.70	3.58	3.46	3.26	3.17	3.05
Syracuse	2.59	2.36	2.24	2.19	3.55	3.33	3.23	3.08	3.08	2.85	2.75	2.54
Tampa	3.32	3.30	3.31	3.32	3.94	3.92	3.93	3.93	3.63	3.59	3.57	3.56
Washington DC	3.23	3.16	3.07	3.06	3.88	3.87	3.78	3.86	3.67	3.63	3.54	3.62
West Texas	2.95	2.84	2.78	2.66	3.76	3.67	3.59	3.56	3.45	3.30	3.32	3.26
<b>Total US</b>	<b>3.00</b>	<b>2.88</b>	<b>2.85</b>	<b>2.80</b>	<b>3.73</b>	<b>3.64</b>	<b>3.60</b>	<b>3.55</b>	<b>3.39</b>	<b>3.27</b>	<b>3.23</b>	<b>3.15</b>

Source: AC Nielsen Scantrack Reports on Refrigerated Milk. The average price per gallon represents the weighted averages for specific brands of milk within the specified market. Data includes organic milk. Data subject to revision.





# Average Farm and Retail Prices

## Class 1 "Farm" and "Average Retail" Prices for Selected Markets, 2007-2008

Month	Year	Class 1 Farm Price 1/				Average Whole Milk Retail Price Collected by AC Nielsen 2/				
		Southern California	Phoenix	Albuquerque	Amarillo	Los Angeles	San Diego	Las Vegas	Phoenix	Denver
		Dollars Per Gallon								
January	2007	1.20	1.37	1.37	1.37	2.68	2.63	2.86	2.11	2.98
February		1.32	1.35	1.35	1.36	2.78	2.76	2.91	2.16	3.07
March		1.38	1.43	1.43	1.43	2.86	2.85	2.92	2.13	3.04
April		1.44	1.49	1.49	1.50	2.89	2.88	2.93	2.18	3.06
May		1.52	1.57	1.57	1.58	3.00	3.01	3.02	2.30	3.21
June		1.74	1.74	1.74	1.74	3.22	3.24	3.18	2.53	3.29
July		2.00	2.00	2.00	2.00	3.51	3.57	3.52	2.80	3.52
August		2.04	2.07	2.07	2.08	3.59	3.62	3.48	2.85	3.50
September		1.99	2.09	2.09	2.09	3.59	3.62	3.53	3.01	3.48
October		2.05	2.06	2.06	2.06	3.64	3.66	3.56	3.05	3.48
November		2.01	2.05	2.05	2.05	3.64	3.67	3.56	2.87	3.44
December		2.00	1.93	1.93	1.93	3.63	3.63	3.58	2.90	3.35
January	2008	2.00	2.01	2.01	2.01	3.62	3.63	3.52	2.89	3.36
February		1.89	1.89	1.89	1.90	3.56	3.53	3.55	2.94	3.44
March		1.65	1.64	1.64	1.64	3.35	3.37	3.33	2.90	3.37
April		1.74	1.80	1.80	1.81	3.31	3.32	3.29	2.85	3.26
May		1.64	1.63	1.63	1.64	3.26	3.28	3.25	2.81	3.26
June		1.76	1.77	1.77	1.77	3.36	3.39	3.29	2.93	3.27
July		1.96	1.99	1.99	1.99	3.56	3.58	3.42	3.06	3.35
August		1.73	1.79	1.79	1.79	3.35	3.36	3.36	2.99	3.34
September		1.68	1.72	1.72	1.72	3.24	3.23	3.24	2.78	3.13
October		1.59	1.54	1.54	1.54	3.15	3.16	3.07	2.63	3.06
November		1.63	1.69	1.69	1.70	3.16	3.17	3.12	2.54	2.94
December 3/		1.45	1.53	1.53	1.53	2.99	2.97	2.99	2.62	2.93

Month	Year	Class 1 Farm Price 1/				Average Whole Milk Retail Price Collected by AC Nielsen 2/				
		Northern California	Pacific Northwest	Las Vegas	Denver	Sacramento	San Francisco	Salt Lake City/Boise	Portland	Seattle
		Dollars Per Gallon								
January	2007	1.18	1.33	1.29	1.39	2.85	2.93	2.46	2.45	2.72
February		1.30	1.31	1.27	1.37	2.93	3.04	2.54	2.48	2.78
March		1.35	1.39	1.35	1.44	3.01	3.16	2.56	2.46	2.78
April		1.41	1.45	1.41	1.51	3.07	3.22	2.50	2.46	2.75
May		1.50	1.53	1.49	1.59	3.17	3.33	2.63	2.55	2.84
June		1.72	1.70	1.65	1.75	3.39	3.54	2.82	2.83	3.07
July		1.98	1.96	1.92	2.02	3.64	3.82	3.07	3.04	3.28
August		2.02	2.03	1.99	2.09	3.72	3.88	3.06	3.16	3.45
September		1.96	2.05	2.00	2.10	3.70	3.89	3.17	3.10	3.35
October		2.02	2.02	1.98	2.08	3.73	3.93	3.20	3.11	3.21
November		1.99	2.01	1.96	2.06	3.73	3.95	3.21	3.10	3.19
December		1.98	1.89	1.84	1.94	3.75	3.94	3.22	3.10	3.25
January	2008	1.97	1.97	1.92	2.02	3.71	3.89	3.14	3.10	3.22
February		1.87	1.86	1.81	1.91	3.64	3.85	3.16	3.10	3.22
March		1.63	1.6	1.56	1.66	3.50	3.75	2.99	3.10	3.21
April		1.71	1.76	1.72	1.82	3.53	3.77	3.01	3.05	3.14
May		1.62	1.59	1.55	1.65	3.48	3.72	2.83	3.05	3.20
June		1.74	1.73	1.68	1.78	3.55	3.75	2.94	2.95	3.16
July		1.93	1.95	1.91	2.01	3.70	3.82	3.10	2.99	3.26
August		1.70	1.75	1.71	1.81	3.53	3.59	3.04	3.09	3.27
September		1.65	1.68	1.64	1.74	3.42	3.50	2.95	3.01	3.18
October		1.57	1.50	1.46	1.55	3.40	3.44	2.88	3.02	3.22
November		1.61	1.65	1.61	1.71	3.43	3.46	2.81	2.95	3.13
December 3/		1.43	1.49	1.45	1.55	3.15	3.20	2.68	2.86	3.03

1/ Class 1 farm prices depicted are minimum producer f.o.b. plant prices. They do not include either haul, deductions, or any over-order charges such as quality bonuses, service charges, premiums, etc.

2/ The Department has contracted with AC Nielsen to provide the retail price survey data on a monthly basis. Data subject to revision.

3/ November data as reported by AC Nielsen, data through 11/29/08

Source: Dairy Marketing Class 1 Price Letter – Selected Issues; AC Nielsen Scantrack Reports on Refrigerated Milk; Dairy Market News





# Minimum Class 2 Prices

## Minimum Prices in California for Market Milk Used to Produce Class 2 Products, by Marketing Area, 2004-2008

Year & Month	Northern California			Southern California		
	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	<i>Dollars Per Pound</i>		<i>\$ Per Cwt.<sup>1/</sup></i>	<i>Dollars Per Pound</i>		<i>\$ Per Cwt.<sup>1/</sup></i>
<b>2004</b>						
Jan	1.2755	0.7245	10.77	1.2778	0.7503	11.00
Feb	1.4478	0.7211	11.34	1.4501	0.7469	11.57
Mar	1.4478	0.7211	11.34	1.4501	0.7469	11.57
Apr	2.1171	0.7199	13.67	2.1194	0.7457	13.91
May	2.1171	0.7199	13.67	2.1194	0.7457	13.91
Jun	2.4265	0.7339	14.88	2.4288	0.7597	15.11
Jul	2.4265	0.7339	14.88	2.4288	0.7597	15.11
Aug	2.0646	0.7517	13.77	2.0669	0.7775	14.00
Sep	2.0646	0.7517	13.77	2.0669	0.7775	14.00
Oct	1.8258	0.7619	13.02	1.8281	0.7877	13.25
Nov	1.8258	0.7619	13.02	1.8281	0.7877	13.25
Dec	1.9711	0.7649	13.55	1.9734	0.7907	13.79
<b>2005</b>						
Jan	1.9711	0.7649	13.55	1.9734	0.7907	13.79
Feb	1.8517	0.7904	13.36	1.8540	0.8162	13.59
Mar	1.8517	0.7904	13.36	1.8540	0.8162	13.59
Apr	1.7427	0.8078	13.13	1.7450	0.8336	13.36
May	1.7427	0.8078	13.13	1.7450	0.8336	13.36
Jun	1.5750	0.8210	12.66	1.5773	0.8468	12.89
Jul	1.5750	0.8210	12.66	1.5773	0.8468	12.89
Aug	1.7022	0.8277	13.16	1.7045	0.8535	13.39
Sep	1.7022	0.8277	13.16	1.7045	0.8535	13.39
Oct	1.8485	0.8589	13.94	1.8508	0.8847	14.17
Nov	1.8485	0.8589	13.94	1.8508	0.8847	14.17
Dec	1.6859	0.8855	13.60	1.6882	0.9113	13.84
<b>2006</b>						
Jan	1.6859	0.8855	13.60	1.6882	0.9113	13.84
Feb	1.4548	0.8703	12.66	1.4571	0.8961	12.90
Mar	1.4548	0.8703	12.66	1.4571	0.8961	12.90
Apr	1.2496	0.7761	11.13	1.2519	0.8019	11.36
May	1.2496	0.7761	11.13	1.2519	0.8019	11.36
Jun	1.2235	0.7420	10.74	1.2258	0.7678	10.97
Jul	1.2235	0.7420	10.74	1.2258	0.7678	10.97
Aug	1.2156	0.7258	10.57	1.2179	0.7516	10.80
Sep	1.2156	0.7258	10.57	1.2179	0.7516	10.80
Oct	1.3793	0.7479	11.33	1.3816	0.7737	11.57
Nov	1.3793	0.7479	11.33	1.3816	0.7737	11.57
Dec	1.3925	0.8033	11.86	1.3948	0.8291	12.09
<b>2007</b>						
Jan	1.3925	0.8033	11.86	1.3948	0.8291	12.09
Feb	1.3123	0.9057	12.47	1.3146	0.9315	12.71
Mar	1.3123	0.9057	12.47	1.3146	0.9315	12.71
Apr	1.3475	1.0071	13.48	1.3498	1.0329	13.71
May	1.3475	1.0071	13.48	1.3498	1.0329	13.71
Jun	1.5239	1.2207	15.95	1.5262	1.2465	16.19
Jul	1.5239	1.2207	15.95	1.5262	1.2465	16.19
Aug	1.6272	1.5439	19.13	1.6295	1.5697	19.36
Sep	1.6272	1.5439	19.13	1.6295	1.5697	19.36
Oct	1.5465	1.9186	22.10	1.5488	1.9444	22.34
Nov	1.5465	1.9186	22.10	1.5488	1.9444	22.34
Dec	1.4206	1.9203	21.68	1.4229	1.9461	21.91
<b>2008</b>						
Jan	1.4206	1.9203	21.68	1.4229	1.9461	21.91
Feb	1.3530	1.5773	18.46	1.3553	1.6031	18.69
Mar	1.3530	1.5773	18.46	1.3553	1.6031	18.69
Apr	1.3288	1.1908	15.01	1.3311	1.2166	15.24
May	1.3288	1.1908	15.01	1.3311	1.2166	15.24
Jun	1.5216	1.1625	15.44	1.5239	1.1883	15.67
Jul	1.5216	1.1625	15.44	1.5239	1.1883	15.67
Aug	1.6299	1.2444	16.53	1.6322	1.2702	16.76
Sep	1.6299	1.2444	16.53	1.6322	1.2702	16.76
Oct	1.7853	1.1862	16.57	1.7876	1.2120	16.80
Nov	1.7853	1.1862	16.57	1.7876	1.2120	16.80
Dec	1.8431	0.8172	13.56	1.8454	0.8430	13.79

<sup>1/</sup> Calculated on 3.5 percent fat and 8.7 percent solids-not-fat.





# Minimum Class 3 Prices

## Minimum Prices in California for Market Milk Used to Produce Class 3 Products, by Marketing Area, 2004-2008

Year & Month	Northern California			Southern California		
	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	<i>Dollars Per Pound</i>		<i>\$ Per Cwt.<sup>1/</sup></i>	<i>Dollars Per Pound</i>		<i>\$ Per Cwt.<sup>1/</sup></i>
<b>2004</b>						
Jan	1.2755	0.7188	10.72	1.2778	0.7188	10.73
Feb	1.4478	0.7154	11.29	1.4501	0.7154	11.30
Mar	1.4478	0.7154	11.29	1.4501	0.7154	11.30
Apr	2.1171	0.7142	13.62	2.1194	0.7142	13.63
May	2.1171	0.7142	13.62	2.1194	0.7142	13.63
Jun	2.4265	0.7282	14.83	2.4288	0.7282	14.84
Jul	2.4265	0.7282	14.83	2.4288	0.7282	14.84
Aug	2.0646	0.7460	13.72	2.0669	0.7460	13.72
Sep	2.0646	0.7460	13.72	2.0669	0.7460	13.72
Oct	1.8258	0.7562	12.97	1.8281	0.7562	12.98
Nov	1.8258	0.7562	12.97	1.8281	0.7562	12.98
Dec	1.9711	0.7592	13.50	1.9734	0.7592	13.51
<b>2005</b>						
Jan	1.9711	0.7592	13.50	1.9734	0.7592	13.51
Feb	1.8517	0.7847	13.31	1.8540	0.7847	13.32
Mar	1.8517	0.7847	13.31	1.8540	0.7847	13.32
Apr	1.7427	0.8021	13.08	1.7450	0.8021	13.09
May	1.7427	0.8021	13.08	1.7450	0.8021	13.09
Jun	1.5750	0.8153	12.61	1.5773	0.8153	12.61
Jul	1.5750	0.8153	12.61	1.5773	0.8153	12.61
Aug	1.7022	0.8220	13.11	1.7045	0.8220	13.12
Sep	1.7022	0.8220	13.11	1.7045	0.8220	13.12
Oct	1.8485	0.8532	13.89	1.8508	0.8532	13.90
Nov	1.8485	0.8532	13.89	1.8508	0.8532	13.90
Dec	1.6859	0.8798	13.55	1.6882	0.8798	13.56
<b>2006</b>						
Jan	1.6859	0.8798	13.55	1.6882	0.8798	13.56
Feb	1.4548	0.8646	12.61	1.4571	0.8646	12.62
Mar	1.4548	0.8646	12.61	1.4571	0.8646	12.62
Apr	1.2496	0.7704	11.08	1.2519	0.7704	11.08
May	1.2496	0.7704	11.08	1.2519	0.7704	11.08
Jun	1.2235	0.7363	10.69	1.2258	0.7363	10.70
Jul	1.2235	0.7363	10.69	1.2258	0.7363	10.70
Aug	1.2156	0.7201	10.52	1.2179	0.7201	10.53
Sep	1.2156	0.7201	10.52	1.2179	0.7201	10.53
Oct	1.3793	0.7422	11.28	1.3816	0.7422	11.29
Nov	1.3793	0.7422	11.28	1.3816	0.7422	11.29
Dec	1.3925	0.7976	11.81	1.3948	0.7976	11.82
<b>2007</b>						
Jan	1.3925	0.7976	11.81	1.3948	0.7976	11.82
Feb	1.3123	0.9000	12.42	1.3146	0.9000	12.43
Mar	1.3123	0.9000	12.42	1.3146	0.9000	12.43
Apr	1.3475	1.0014	13.43	1.3498	1.0014	13.44
May	1.3475	1.0014	13.43	1.3498	1.0014	13.44
Jun	1.5239	1.2150	15.90	1.5262	1.2150	15.91
Jul	1.5239	1.2150	15.90	1.5262	1.2150	15.91
Aug	1.6272	1.5382	19.08	1.6295	1.5382	19.09
Sep	1.6272	1.5382	19.08	1.6295	1.5382	19.09
Oct	1.5465	1.9129	22.05	1.5488	1.9129	22.06
Nov	1.5465	1.9129	22.05	1.5488	1.9129	22.06
Dec	1.4206	1.9146	21.63	1.4229	1.9146	21.64
<b>2008</b>						
Jan	1.4206	1.9146	21.63	1.4229	1.9146	21.64
Feb	1.3530	1.5716	18.41	1.3553	1.5716	18.42
Mar	1.3530	1.5716	18.41	1.3553	1.5716	18.42
Apr	1.3288	1.1851	14.96	1.3311	1.1851	14.97
May	1.3288	1.1851	14.96	1.3311	1.1851	14.97
Jun	1.5216	1.1568	15.39	1.5239	1.1568	15.40
Jul	1.5216	1.1568	15.39	1.5239	1.1568	15.40
Aug	1.6299	1.2387	16.48	1.6322	1.2387	16.49
Sep	1.6299	1.2387	16.48	1.6322	1.2387	16.49
Oct	1.7853	1.1805	16.52	1.7876	1.1805	16.53
Nov	1.7853	1.1805	16.52	1.7876	1.1805	16.53
Dec	1.8431	0.8115	13.51	1.8454	0.8115	13.52

<sup>1/</sup> Calculated on 3.5 percent fat and 8.7 percent solids-not-fat.





# Minimum Class 4a/4b Prices

## Minimum Prices in California for Market Milk Used to Produce Class 4a and 4b Products, by Marketing Area, 2004-2008

Month	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	Class 4a			Class 4b		
<b>2004</b>						
Jan	1.4509	0.6523	10.75	1.4509	0.6922	11.10
Feb	1.7912	0.6515	11.94	1.7912	0.6285	11.74
Mar	2.3548	0.6538	13.93	2.3548	0.8418	15.57
Apr	2.4480	0.6616	14.32	2.4480	1.3001	19.88
May	2.3167	0.6718	13.95	2.3167	1.2908	19.34
Jun	2.1010	0.6833	13.30	2.1010	1.0338	16.35
Jul	1.9399	0.6856	12.75	1.9399	0.6858	12.76
Aug	1.6774	0.6937	11.91	1.6774	0.9358	14.01
Sep	1.8860	0.6957	12.65	1.8860	0.8543	14.03
Oct	1.8253	0.6976	12.46	1.8253	0.8291	13.60
Nov	2.0287	0.6978	13.17	2.0287	0.9246	15.14
Dec	1.9264	0.7163	12.97	1.9264	0.9479	14.99
<b>2005</b>						
Jan	1.6888	0.7301	12.26	1.6888	0.9729	14.38
Feb	1.7303	0.7365	12.46	1.7303	0.9050	13.93
Mar	1.6669	0.7446	12.31	1.6669	0.9241	13.87
Apr	1.6001	0.7487	12.11	1.6001	1.0048	14.34
May	1.4616	0.7589	11.72	1.4616	0.9512	13.39
Jun	1.5694	0.7528	12.04	1.5694	0.9344	13.62
Jul	1.7468	0.7681	12.80	1.7468	0.9080	14.01
Aug	1.7784	0.7854	13.06	1.7784	0.7775	12.99
Sep	1.8304	0.7980	13.35	1.8304	0.8995	14.23
Oct	1.7498	0.8162	13.23	1.7498	0.8725	13.72
Nov	1.5338	0.8204	12.51	1.5338	0.8417	12.69
Dec	1.4164	0.8223	12.11	1.4164	0.9526	13.25
<b>2006</b>						
Jan	1.4050	0.7839	11.74	1.4050	0.8788	12.56
Feb	1.2296	0.7217	10.58	1.2296	0.7853	11.14
Mar	1.1814	0.6960	10.19	1.1814	0.7307	10.49
Apr	1.1682	0.6843	10.04	1.1682	0.7285	10.43
May	1.1906	0.6653	9.96	1.1906	0.7259	10.48
Jun	1.1824	0.6543	9.83	1.1824	0.7485	10.65
Jul	1.1605	0.6629	9.83	1.1605	0.7143	10.28
Aug	1.3076	0.6809	10.50	1.3076	0.7152	10.80
Sep	1.3769	0.6863	10.79	1.3769	0.8107	11.87
Oct	1.3704	0.7156	11.02	1.3704	0.7592	11.40
Nov	1.3406	0.7624	11.32	1.3406	0.8767	12.32
Dec	1.2996	0.8162	11.65	1.2996	0.8989	12.37
<b>2007</b>						
Jan	1.2510	0.8666	11.92	1.2510	0.9297	12.47
Feb	1.2626	0.9102	12.34	1.2626	1.0093	13.20
Mar	1.3584	0.9753	13.24	1.3584	1.0777	14.13
Apr	1.4222	1.0974	14.53	1.4222	1.1749	15.20
May	1.5515	1.2153	16.00	1.5515	1.4509	18.05
Jun	1.6032	1.3127	17.03	1.6032	1.7900	21.18
Jul	1.5772	1.6465	19.84	1.5772	1.7260	20.54
Aug	1.5468	1.8153	21.21	1.5468	1.6089	19.41
Sep	1.4722	1.8933	21.62	1.4722	1.6304	19.34
Oct	1.3580	1.9039	21.32	1.3580	1.4822	17.65
Nov	1.4092	1.8080	20.66	1.4092	1.7028	19.75
Dec	1.3778	1.6453	19.14	1.3778	1.5818	18.58
<b>2008</b>						
Jan	1.2541	1.3807	16.40	1.2541	1.4396	16.91
Feb	1.2253	1.1490	14.28	1.2253	1.5229	17.54
Mar	1.3583	1.1040	14.36	1.3583	1.4003	16.94
Apr	1.4330	1.0689	14.31	1.4330	1.3532	16.79
May	1.5361	1.1275	15.19	1.5361	1.5267	18.66
Jun	1.5628	1.1653	15.61	1.5628	1.5685	19.12
Jul	1.6230	1.1949	16.08	1.6230	1.3894	17.77
Aug	1.7135	1.1779	16.24	1.7135	1.1659	16.14
Sep	1.7830	1.0659	15.51	1.7830	1.1947	16.63
Oct	1.8624	0.8071	13.54	1.8624	1.1618	16.63
Nov	1.7498	0.6986	12.20	1.7498	1.0364	15.14
Dec	1.2476	0.6651	10.15	1.2476	1.1011	13.95

<sup>1/</sup> Calculated based on 3.5 percent fat and 8.7 percent solids-not-fat.





# Quota, Base, and Overbase Prices

## Pool Prices for Quota, Base, and Overbase 2004-2008

Year & Month	Quota			Base and Overbase <sup>1/</sup>		
	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	<i>Dollars Per Pound</i>			<i>Dollars Per Pound</i>		
			<i>\$ Per Cwt. <sup>2/</sup></i>			<i>\$ Per Cwt. <sup>2/</sup></i>
<b>2004</b>						
Jan	1.426	0.887	12.71	1.426	0.692	11.01
Feb	1.722	0.838	13.32	1.722	0.643	11.62
Mar	2.115	0.923	15.44	2.115	0.728	13.74
Apr	2.375	1.139	18.23	2.375	0.944	16.53
May	2.283	1.230	18.69	2.283	1.035	16.99
Jun	2.164	1.136	17.46	2.164	0.941	15.76
Jul	2.009	0.919	15.03	2.009	0.724	13.33
Aug	1.761	0.985	14.74	1.761	0.790	13.04
Sep	1.904	0.982	15.21	1.904	0.787	13.51
Oct	1.830	0.966	14.81	1.830	0.771	13.11
Nov	2.001	1.004	15.74	2.001	0.809	14.04
Dec	1.924	1.035	15.74	1.924	0.840	14.04
<b>2005</b>						
Jan	1.755	1.076	15.50	1.755	0.881	13.80
Feb	1.753	1.014	14.96	1.753	0.819	13.26
Mar	1.700	1.038	14.98	1.700	0.843	13.28
Apr	1.621	1.078	15.06	1.621	0.883	13.36
May	1.522	1.065	14.60	1.522	0.870	12.90
Jun	1.575	1.039	14.56	1.575	0.844	12.86
Jul	1.711	1.034	14.99	1.711	0.839	13.29
Aug	1.777	0.969	14.65	1.777	0.774	12.95
Sep	1.815	1.024	15.26	1.815	0.829	13.56
Oct	1.774	1.018	15.07	1.774	0.823	13.37
Nov	1.597	1.007	14.35	1.597	0.812	12.65
Dec	1.463	1.067	14.41	1.463	0.872	12.71
<b>2006</b>						
Jan	1.442	1.018	13.91	1.442	0.823	12.21
Feb	1.272	0.953	12.75	1.272	0.758	11.05
Mar	1.226	0.907	12.19	1.226	0.712	10.49
Apr	1.187	0.890	11.90	1.187	0.695	10.20
May	1.207	0.882	11.90	1.207	0.687	10.20
Jun	1.199	0.885	11.90	1.199	0.690	10.20
Jul	1.182	0.870	11.71	1.182	0.675	10.01
Aug	1.292	0.874	12.13	1.292	0.679	10.43
Sep	1.357	0.925	12.80	1.357	0.730	11.10
Oct	1.384	0.922	12.87	1.384	0.727	11.17
Nov	1.355	0.984	13.31	1.355	0.789	11.61
Dec	1.317	1.022	13.50	1.317	0.827	11.80
<b>2007</b>						
Jan	1.275	1.061	13.70	1.275	0.866	12.00
Feb	1.269	1.150	14.45	1.269	0.955	12.75
Mar	1.355	1.211	15.28	1.355	1.016	13.58
Apr	1.413	1.308	16.33	1.413	1.113	14.63
May	1.516	1.492	18.29	1.516	1.297	16.59
Jun	1.590	1.739	20.70	1.590	1.544	19.00
Jul	1.579	1.847	21.60	1.579	1.652	19.90
Aug	1.561	1.870	21.74	1.561	1.675	20.04
Sep	1.502	1.888	21.69	1.502	1.693	19.99
Oct	1.394	1.871	21.16	1.394	1.676	19.46
Nov	1.429	1.945	21.93	1.429	1.750	20.23
Dec	1.386	1.832	20.79	1.386	1.637	19.09
<b>2008</b>						
Jan	1.280	1.685	19.14	1.280	1.490	17.44
Feb	1.247	1.615	18.42	1.247	1.420	16.72
Mar	1.359	1.488	17.71	1.359	1.293	16.01
Apr	1.418	1.447	17.56	1.418	1.252	15.86
May	1.509	1.516	18.47	1.509	1.321	16.77
Jun	1.560	1.570	19.12	1.560	1.375	17.42
Jul	1.612	1.541	19.05	1.612	1.346	17.35
Aug	1.703	1.385	18.01	1.703	1.190	16.31
Sep	1.763	1.350	17.92	1.763	1.155	16.22
Oct	1.852	1.225	17.14	1.852	1.030	15.44
Nov	1.765	1.125	15.97	1.765	0.930	14.27
Dec	1.337	1.083	14.11	1.337	0.888	12.41

<sup>1/</sup> Base and Overbase prices have been combined. They have been the same since January 1994.

<sup>2/</sup> Calculated based on 3.5 percent fat and 8.7 percent solids-not-fat.





# Average Prices Paid to Producers

## Average Prices Paid to Producers in California For All Bulk Milk (Grade A and Grade B), By Month, 2004-2008 <sup>1/2/</sup>

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
2004	11.94	12.55	14.63	17.29	17.63	16.26	13.85	13.64	14.27	14.01	15.18	15.17	14.70
2005	14.87	14.14	14.03	14.08	13.47	13.38	13.77	13.47	14.32	14.31	13.62	13.68	13.93
2006	13.17	11.86	11.31	10.91	10.73	10.71	10.46	10.92	11.79	11.97	12.47	12.73	11.59
2007	12.93	13.57	14.33	15.32	17.29	19.66	20.45	20.57	20.65	20.36	21.18	20.17	18.04
2008	18.48	17.63	16.80	16.60	17.48	18.03	17.86	16.87	16.90	16.34	15.20	13.38	16.80

<sup>1/</sup> Prices are F.O.B. plant, at actual test.

<sup>2/</sup> Includes in-state pool shipments and California milk shipped into Federal Milk Marketing Orders. Excludes bonuses and premiums.

## Average Prices Paid to Producers in California For Market Milk (Grade A), By Month, 2004-2008 <sup>1/2/</sup>

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
2004	11.94	12.55	14.61	17.26	17.62	16.26	13.86	13.64	14.27	14.00	15.16	15.16	14.69
2005	14.86	14.12	14.01	14.06	13.46	13.35	13.75	13.44	14.29	14.29	13.60	13.65	13.91
2006	13.13	11.83	11.29	10.89	10.72	10.70	10.44	10.90	11.75	11.94	12.44	12.70	11.56
2007	12.90	13.54	14.30	15.29	17.23	19.59	20.42	20.57	20.65	20.39	21.17	20.16	18.02
2008	18.47	17.60	16.77	16.57	17.43	17.99	17.83	16.86	16.88	16.30	15.17	13.34	16.77

<sup>1/</sup> Prices are F.O.B. plant, at actual test.

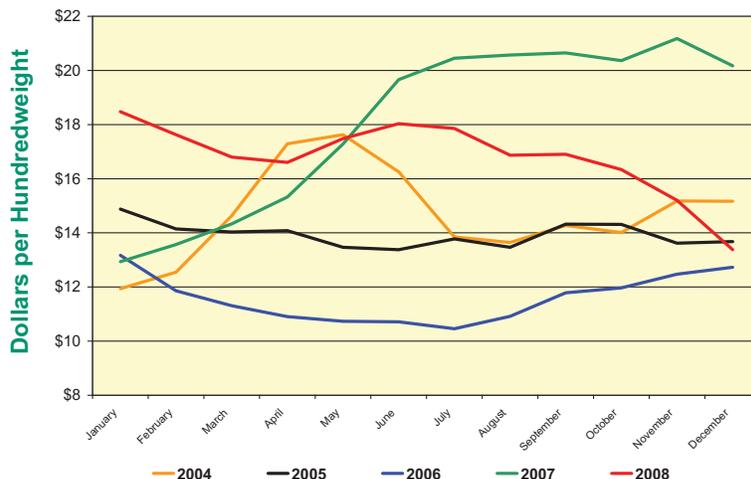
<sup>2/</sup> Includes in-state pool shipments and California milk shipped into Federal Milk Marketing Orders. Excludes bonuses and premiums and exempt production.

## Average Prices Paid to Producers in California For Manufacturing Milk (Grade B), By Month, 2004-2008 <sup>1/2/</sup>

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
2004	11.94	12.57	16.20	19.30	18.10	16.23	13.43	14.04	14.49	14.50	15.97	15.50	15.19
2005	15.52	14.95	14.64	14.94	13.98	14.47	14.67	14.39	15.51	15.25	14.48	14.89	14.81
2006	14.85	13.23	12.28	11.67	11.36	11.46	11.03	11.54	13.15	12.99	13.98	14.02	12.63
2007	14.03	14.58	15.39	16.43	19.32	22.03	21.71	20.59	20.69	19.43	21.68	20.77	18.89
2008	18.82	19.26	18.44	18.31	20.19	20.64	19.11	17.75	18.35	18.73	17.11	15.58	18.52

<sup>1/</sup> Prices are F.O.B. plant, at actual test.

### Average Prices Paid to Producers, All Bulk Milk, 2004-2008



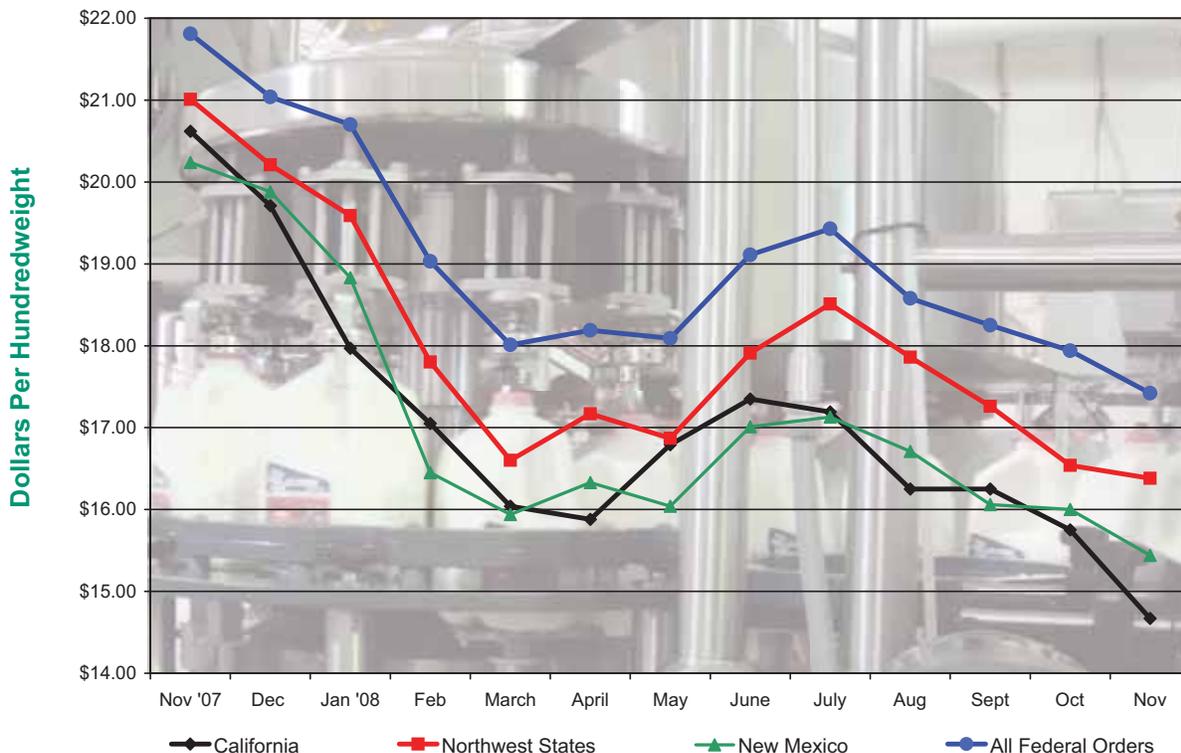


# Mailbox Milk Prices

## Mailbox Milk Prices for Selected Reported Areas in Federal Milk Orders and California, November 2007-November 2008

Reporting Areas	Nov '07	Dec	Jan '08	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
<b>Dollars Per Hundredweight</b>													
<b>California</b>	<b>\$20.62</b>	<b>\$19.71</b>	<b>\$17.97</b>	<b>\$17.05</b>	<b>\$16.04</b>	<b>\$15.88</b>	<b>\$16.79</b>	<b>\$17.35</b>	<b>\$17.19</b>	<b>\$16.25</b>	<b>\$16.29</b>	<b>\$15.75</b>	<b>\$14.67</b>
New England States	\$23.24	\$22.68	\$21.78	\$20.09	\$18.56	\$18.94	\$18.51	\$19.61	\$20.34	\$19.53	\$19.34	\$18.64	\$18.19
New York	\$22.23	\$21.57	\$20.74	\$19.01	\$17.52	\$17.91	\$17.50	\$18.49	\$19.39	\$18.54	\$18.28	\$17.33	\$17.03
Eastern Pennsylvania	\$22.81	\$22.14	\$21.30	\$19.62	\$17.94	\$18.44	\$18.00	\$18.97	\$19.85	\$19.09	\$18.85	\$17.86	\$17.68
Appalachian States	\$23.34	\$22.02	\$22.21	\$21.26	\$18.84	\$20.21	\$19.25	\$20.23	\$22.36	\$21.05	\$20.66	\$19.38	\$19.39
Southeast States	\$24.55	\$22.94	\$22.94	\$21.70	\$19.36	\$20.48	\$20.29	\$21.10	\$23.53	\$22.36	\$21.76	\$19.91	\$20.26
Southern Missouri	\$22.26	\$21.37	\$21.15	\$19.77	\$17.91	\$18.96	\$17.97	\$19.00	\$20.85	\$19.58	\$19.16	\$17.80	\$18.11
Florida	\$26.04	\$23.96	\$23.87	\$22.63	\$20.26	\$21.64	\$21.80	\$22.31	\$24.98	\$24.33	\$23.73	\$23.96	\$21.70
Western Pennsylvania	\$22.34	\$21.92	\$21.14	\$19.71	\$18.26	\$18.69	\$18.23	\$19.23	\$19.87	\$18.92	\$18.77	\$18.30	\$18.00
Ohio	\$22.32	\$21.95	\$21.18	\$19.70	\$18.28	\$18.59	\$18.23	\$19.05	\$19.83	\$19.08	\$18.92	\$18.42	\$18.30
Indiana	\$22.43	\$21.79	\$21.23	\$19.98	\$18.47	\$18.79	\$18.18	\$19.02	\$20.03	\$18.99	\$18.68	\$17.94	\$18.08
Michigan	\$21.29	\$20.96	\$19.99	\$19.11	\$17.79	\$18.05	\$17.58	\$18.57	\$19.23	\$18.49	\$18.25	\$17.54	\$17.32
Wisconsin	\$21.28	\$21.92	\$20.79	\$18.85	\$18.86	\$18.11	\$18.87	\$20.22	\$19.14	\$18.22	\$17.78	\$18.53	\$17.53
Minnesota	\$21.37	\$21.68	\$20.71	\$19.19	\$18.75	\$18.34	\$19.31	\$20.12	\$19.11	\$18.08	\$18.38	\$18.38	\$17.32
Iowa	\$21.54	\$21.27	\$20.42	\$19.07	\$18.08	\$18.15	\$18.10	\$19.12	\$19.16	\$18.22	\$17.96	\$17.90	\$17.13
Illinois	\$21.90	\$22.07	\$21.03	\$19.32	\$18.32	\$18.37	\$18.19	\$19.33	\$19.47	\$18.50	\$18.11	\$17.97	\$17.44
Corn Belt States	\$21.25	\$20.86	\$19.97	\$18.45	\$17.35	\$17.80	\$17.56	\$18.42	\$18.66	\$18.05	\$17.80	\$17.37	\$16.85
Western Texas	\$20.89	\$20.82	\$19.53	\$17.43	\$16.70	\$17.20	\$16.90	\$17.91	\$18.24	\$17.74	\$17.03	\$16.89	\$16.33
New Mexico	\$20.24	\$19.88	\$18.83	\$16.45	\$15.94	\$16.33	\$16.04	\$17.01	\$17.13	\$16.71	\$16.06	\$16.00	\$15.44
Northwest States	\$21.01	\$20.21	\$19.59	\$17.80	\$16.60	\$17.17	\$16.87	\$17.91	\$18.51	\$17.86	\$17.26	\$16.54	\$16.38
All Federal Order Areas	\$21.81	\$21.04	\$20.70	\$19.03	\$18.01	\$18.19	\$18.09	\$19.11	\$19.43	\$18.58	\$18.25	\$17.94	\$17.42

## Mailbox Milk Prices for Selected States and the All Federal Milk Order Prices, November 2007-November 2008





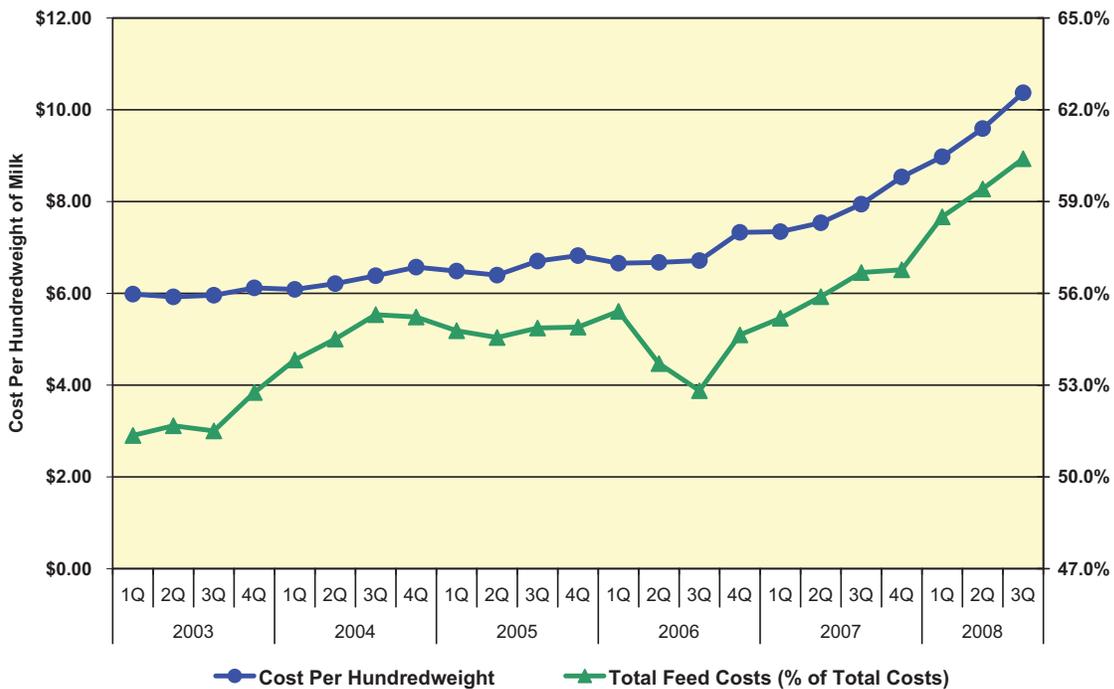
# Production Cost Summary

**D**uring the hearing process, the Department considers the cost of producing market milk in establishing minimum prices for the various classes of milk. Since 1955, the Department's Cost of Production Unit has been collecting and summarizing cost data from California dairy farms. The staff reviews dairy farm financial records on-site and works with dairy managers to determine allocations of dairy expenditures to produce milk.

In 2006 the Cost of Production Unit changed their methodology in compiling information from monthly reports to quarterly reports. The new quarterly report provides a more comprehensive overview that is more representative of actual cost of production compared to the previous format. Available data at the time this publication went to press was for the first three quarters of 2008. The first three quarters are available on the Dairy Marketing website: [www.cdfa.ca.gov/dairy](http://www.cdfa.ca.gov/dairy) under dairy publications. Looking back, 2008 will be remembered for high feed prices, increased regulation for air and water quality, and declining milk prices paid to producers at year end. Comparing third quarter 2008 to the same period a year ago, feed cost per hundred pounds of milk increased by 28 percent. The fourth quarter, not yet finalized, will show continued high feed costs per hundred pounds of milk; the third quarter of 2008 was \$10.37 per hundredweight. One of the main reasons feed prices have increased is due to the demand for corn by ethanol plants throughout the U.S. which has driven prices higher on all grain commodities. This is due to more acres planted in corn and less acres planted in other crops like soybeans, etc. Overall, 2008 will show that the cost of production remained very high and the high prices paid to producers in 2007 began to decline by the end of 2008. For more information on the cost of production in California, see the latest Cost of Production Annual.



## California Feed Costs and Percent of Total Cost of Production, 2003-2008





# Manufacturing Cost Summary/Processing Plants



The Department's Manufacturing Cost Unit collects and summarizes data from California dairy manufacturing plants. Any plant that produces Class 4a or Class 4b products may be asked to participate in the cost studies. The butter, nonfat dry milk (NFDM), dry whey powder, and Cheddar cheese study participants typically account

for at least 80 percent of these respective products manufactured in California. The Department annually reviews the cost of manufacturing milk into butter, NFDM, dry whey powder, and Cheddar cheese with other factors. These costs are considered when establishing the manufacturing cost allowances for the minimum pricing formulas during the hearing process. The table below shows

the weighted average manufacturing costs per pound for butter (salted and unsalted), NFDM, Cheddar cheese, and dry whey powder. Costs included in this summary are packaging, processing labor, processing non-labor, general and administrative, return on investment and, for butter and Cheddar cheese, miscellaneous ingredients.

## Summary of Weighted Average Manufacturing Costs, Butter, Nonfat Powder, Dry Whey Powder, and Cheddar Cheese

Costs include processing labor, non-labor processing, packaging, other ingredients (for butter and Cheddar cheese only), general and administrative, and return on investments at 6.48% for 2007.

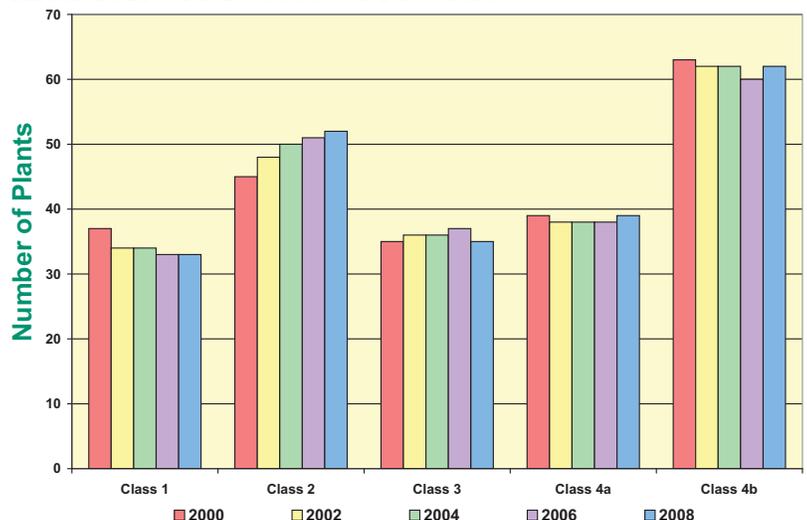
Study Period	Release Date	BUTTER		NONFAT DRY MILK		CHEDDAR CHEESE		DRY WHEY POWDER	
		Cost Per Pound	Number of Plants	Cost Per Pound	Number of Plants	Cost Per Pound	Number of Plants	Cost Per Pound	Number of Plants
Study Periods Varied	Feb-00	\$0.0957	8	\$0.1356	10	\$0.1693	9	--	--
July 2000-Dec 2001	Nov-02	\$0.1208	7	\$0.1619	11	\$0.1775	9	--	--
Jan-Dec 2002	Nov-03	\$0.1235	7	\$0.1464	10	\$0.1632	9	--	--
Jan-Dec 2003	Nov-04	\$0.1299	7	\$0.1560	10	\$0.1706	9	\$0.2675	4.0000
Jan-Dec 2004	Nov-05	\$0.1368	8	\$0.1543	10	\$0.1769	7	\$0.2673	3.0000
Jan-Dec 2005	Nov-06	\$0.1408	8	\$0.1659	9	\$0.1914	7	\$0.2851	3.0000
Jan-Dec 2006	Sep-07	\$0.1373	7	\$0.1664	8	\$0.1988	7	\$0.3099	3.0000
Jan-Dec 2007	Sep-08	\$0.1316	7	\$0.1568	8	\$0.2003	6	--	--

**Notes:**

- Since 1996, the Cheddar cheese cost studies have included costs associated with Cheddar cheese plants producing 500-pound barrels and 640-pound blocks. However, costs for packaging labor and packaging expenses were replaced with the average of those costs associated with 40-lb. block plants.
- No cost studies performed for Dry Whey Powder plants starting January 2007 due to less than 3 plants manufacturing Dry Whey Powder.

## Categorization of California Milk Processing Plants Based Upon Classification of Processed Products

California milk processing plants are experiencing trends similar to what other dairy processing plants across the U.S. are experiencing: more milk processed at fewer dairy plants. From 1960 to 2008, the number of California processing plants decreased from about 600 to 117. The chart depicts the historical trend for the number of milk processing plants between 2000-2008. Note that the sum of all plants plants for 2008 exceeds the total of 117 plants because some plants are still multi-class. Interesting that while the pounds of milk produced has steadily increased, the number of plants handling the milk production has decreased.





# Classification of Dairy Products

## PRODUCT DESCRIPTION

## CLASSIFICATION

Acidified Half-and-Half	1
Fluid Milk Products:	
Acidophilus	1
Concentrated	1
Filled	1
Flavored	1
High Nutrient	1
Imitation	1
With Lactobacillus Acidophilus Culture	1
Lactose Reduced	1
Modified	1
Whole, Reduced Fat, Lowfat, Fat Free	1
Half-and-Half	1
Kefir and Fruit Kefir	1
Milk Drink	1
Milk Drink Mix	1
Acidified Buttermilk	2
Acidified Half-and-Half Dressing	2
Buttermilk	2
Clotted Cream	2
Condensed (Sweetened and Unsweetened)	
Milk	2
Lowfat Milk	2
Fat Free Milk	2
Cottage Cheese:	
Acidified or directly set	2
Creamed	2
Creamed Spread	2
Lowfat	2
Fat free	2
Partially Creamed	2
Uncreamed	2
Cream	
Acidified Cream	2
Coffee Cream	2
Light Cream	2
Table Cream	2
Whipping Cream	2
Cream Dressing (Sour and Acidified Sour)	2
Dry Whey (from Cottage Cheese)	2
Egg Nog (all varieties)	2
Evaporated (Sweetened and Unsweetened):	
Cream	2
Milk	2
Lowfat Milk	2
Fat free Milk	2
Fromage Frais (Lowfat, Fat free)	2
Hoop Cheese	2
Sour Cream and Light Sour Cream	2
Sour Flavored Half-and-Half	2
Sour Half-and-Half Dressing	2
Ultra High Temperature (UHT) and	
Fluid Flavored Milk (Whole, Lowfat, Fat Free)	1
Fluid Milk (Whole, Lowfat, Fat Free)	1
Half-and-Half	1

These products are assigned to Class 2 if packaged in pre-sterilized containers to meet out-of-state requirements and sold outside California.

These products must be assigned to the classification of ultimate usage when utilized in bulk by handlers, but are assigned to Class 4a when sold to consumers.

These products are assigned to Class 4a if sold outside the U.S.

These products are assigned to the classification of ultimate usage when utilized in bulk by handlers, but are assigned to Class 4a when sold to consumers.

These products are assigned to Class 4a if sold outside the U.S.

These products are assigned to Class 2 if sold for use outside California and Class 4a if sold for use outside the 48 contiguous states.



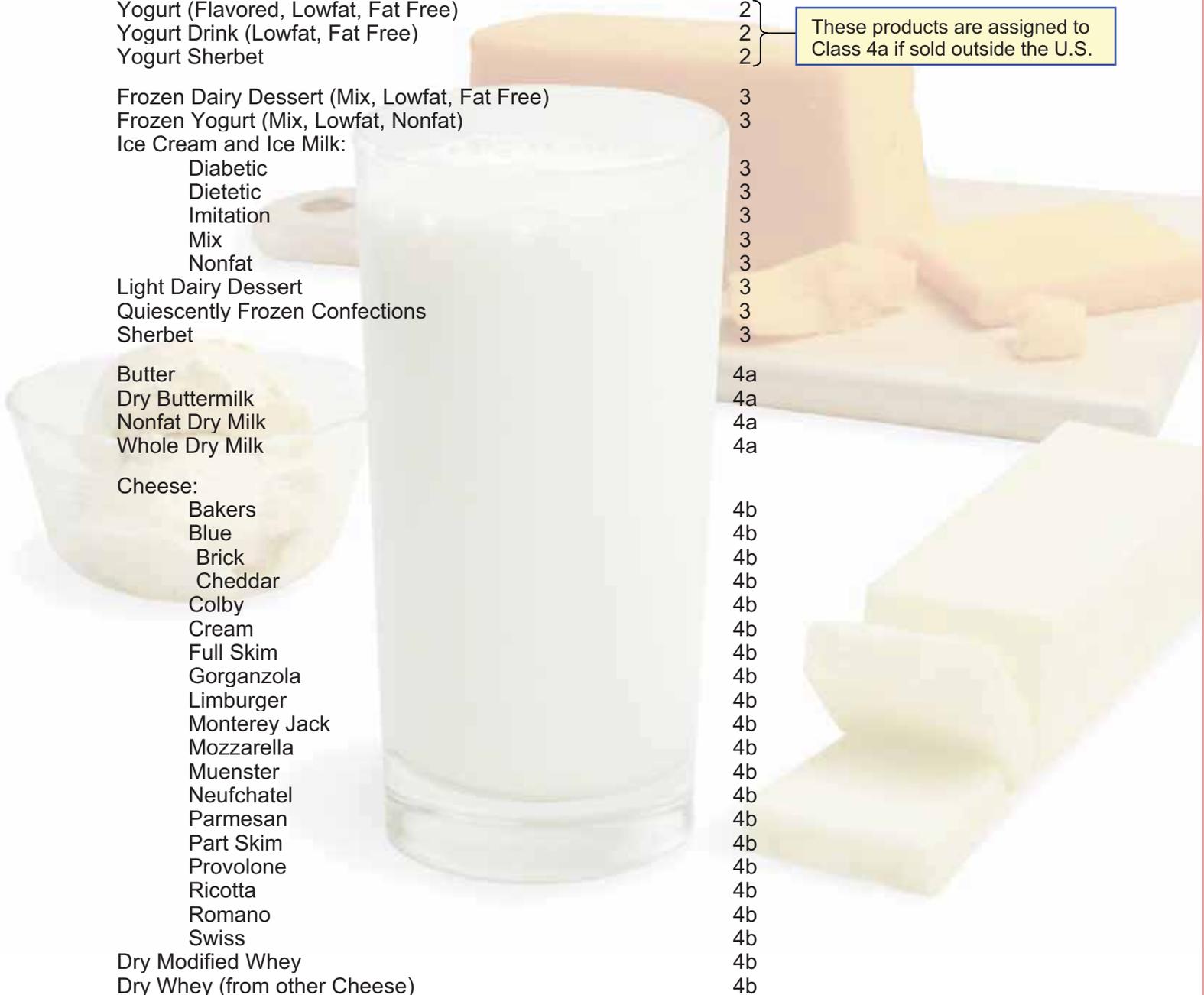


# Classification of Dairy Products, Continued

## PRODUCT DESCRIPTION

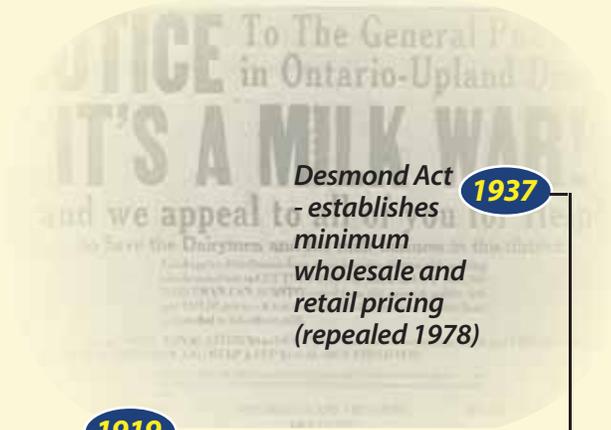
## CLASSIFICATION

Cream	2	These products are assigned to Class 4a if sold outside the U.S.
Dairy Spread	2	
Egg Nog	2	
Flavored Cream	2	
Flavored Drink	2	
Lowfat Milk	2	
Milk	2	
Milk Drink Mix	2	
Sour Cream	2	
Sour Flavored Half-and-Half	2	
Ultrapasteurized Half-and-Half (Hermetically)	2	
Whipped Cream (Cream Topping)	2	
Whipped Nonfat Yogurt Topping	2	
Yogurt (Flavored, Lowfat, Fat Free)	2	
Yogurt Drink (Lowfat, Fat Free)	2	
Yogurt Sherbet	2	
Frozen Dairy Dessert (Mix, Lowfat, Fat Free)	3	
Frozen Yogurt (Mix, Lowfat, Nonfat)	3	
Ice Cream and Ice Milk:		
Diabetic	3	
Dietetic	3	
Imitation	3	
Mix	3	
Nonfat	3	
Light Dairy Dessert	3	
Quiescently Frozen Confections	3	
Sherbet	3	
Butter	4a	
Dry Buttermilk	4a	
Nonfat Dry Milk	4a	
Whole Dry Milk	4a	
Cheese:		
Bakers	4b	
Blue	4b	
Brick	4b	
Cheddar	4b	
Colby	4b	
Cream	4b	
Full Skim	4b	
Gorgonzola	4b	
Limburger	4b	
Monterey Jack	4b	
Mozzarella	4b	
Muenster	4b	
Neufchatel	4b	
Parmesan	4b	
Part Skim	4b	
Provolone	4b	
Ricotta	4b	
Romano	4b	
Swiss	4b	
Dry Modified Whey	4b	
Dry Whey (from other Cheese)	4b	





# California Historic Timeline



**1937**  
**Desmond Act** - establishes minimum wholesale and retail pricing (repealed 1978)

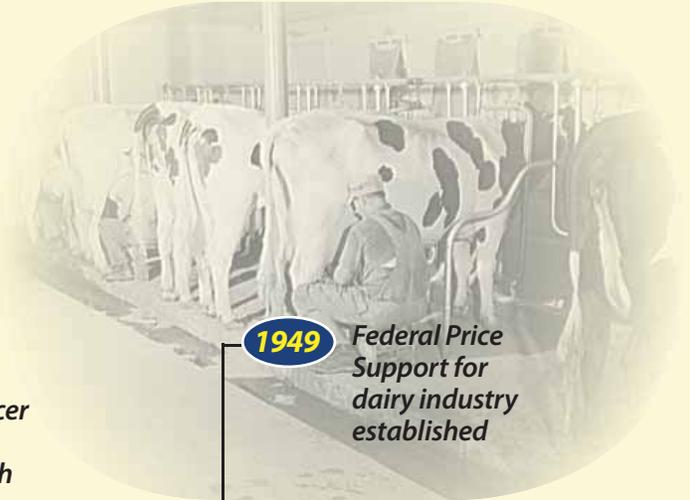
**1919**

California Department of Food and Agriculture established

Milk and Dairy Foods Control Branch established

**1935**

Young Act - establishes minimum producer pricing - Dairy Marketing Branch



**1949**

Federal Price Support for dairy industry established

1919

1930

1940

1950

1960

**1933**  
 Federal license (order) established - immediately enjoined by federal courts (repealed after passage of Young Act in 1935)

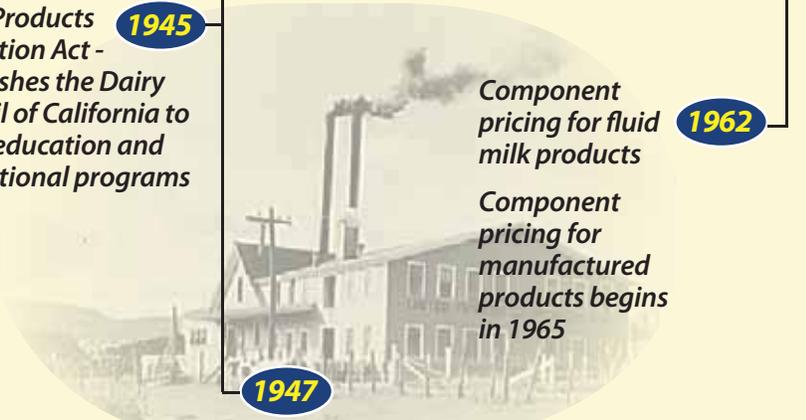
**1945**  
 Dairy Products Promotion Act - establishes the Dairy Council of California to foster education and promotional programs

**1962**  
 Component pricing for fluid milk products

Component pricing for manufactured products begins in 1965

**1947**

Unfair Practices Act - Regulates unfair dairy business practices, prohibits sales below cost





# California Historic Timeline



**1969**

Gonsalves Milk Pooling Act - Statewide pooling, using a system of quota, base and overbase became effective

California Milk Advisory Board established

**1978**

Desmond Act repealed - end of wholesale and retail pricing

**1984**

Implementation of \$0.15 per hundredweight national promotion assessment

**1993**

Milk Pooling Statutes revised to provide a fixed differential of \$1.70, between quota and overbase (became permanent in 1995 through AB 1285)

Quota allocation now based on Class 1 and 2 SNF growth

California Milk Processors Board established

**2002**

Introduction of Federal Milk Income Loss Contract (MILC) program to supplement price support system

**2007**

Introduction of whey factor to the Class 1 pricing formula

Changes the whey factor for Class 4b pricing formula from a variable to a fixed value

**1970**

**1980**

**1990**

**2000**

**2008**

**1970**

California Manufacturing Milk Advisory Board established

**1987**

Milk Producers Security Trust Fund established

**2004**

Eliminated processor's ability to de-pool their milk on a monthly basis

**1980**

Fluid milk usage goes below 50 percent of total milk production on an annual basis

**1996**

Eliminates producer's ability to de-pool their milk on a monthly basis by giving up their Grade A permit (became permanent in 1998)

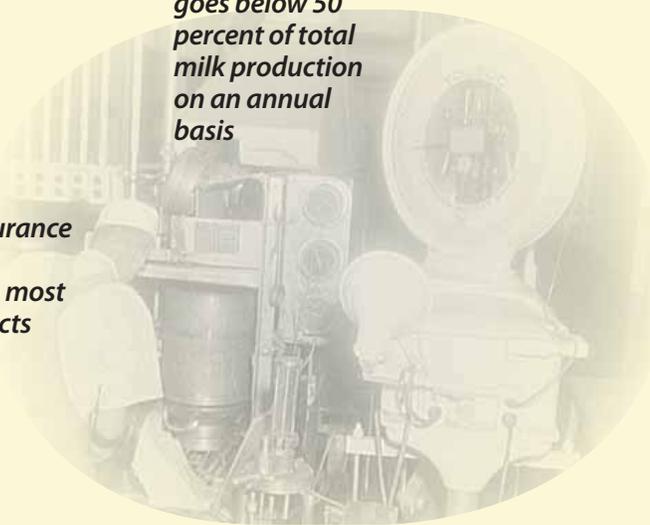
**2008**

Minor amendments to transportation credits and allowances

Reductions to the Class 1, 2, and 3 prices

**1973**

Quality assurance dating was extended to most dairy products

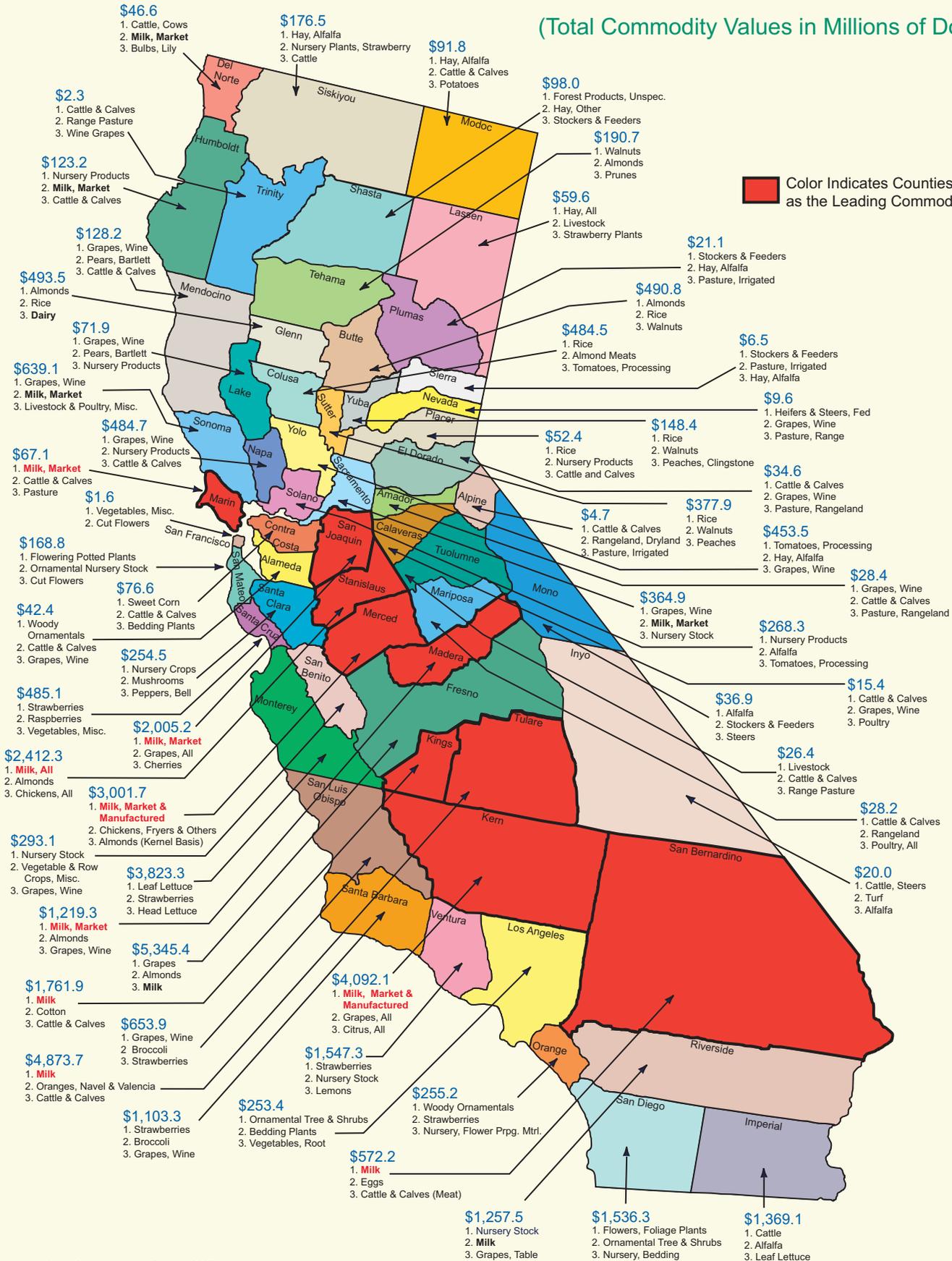




# California Leading Agricultural Commodites, 2007

(Total Commodity Values in Millions of Dollars)

Color Indicates Counties with MILK as the Leading Commodity



Source: Agricultural Commissioners' Reports 2007, California Agricultural Statistics Service



# 2009 Minimum Class Price/Pool Price Announcement Calendar

## January 2009

SU	M	T	W	TH	F	SA
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## February 2009

SU	M	T	W	TH	F	SA
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

## March 2009

SU	M	T	W	TH	F	SA
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## April 2009

SU	M	T	W	TH	F	SA
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## May 2009

SU	M	T	W	TH	F	SA
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## June 2009

SU	M	T	W	TH	F	SA
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

## July 2009

SU	M	T	W	TH	F	SA
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## August 2009

SU	M	T	W	TH	F	SA
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

## September 2009

SU	M	T	W	TH	F	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

## October 2009

SU	M	T	W	TH	F	SA
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## November 2009

SU	M	T	W	TH	F	SA
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

## December 2009

SU	M	T	W	TH	F	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

● Class 1 Price     
 ● Class 4a/4b Prices     
 ● Class 2,3,4a,4b Prices     
 ● Pool Prices

For up-to-date pricing information: [www.cdfa.ca.gov/dairy/min\\_priceletters\\_main.html](http://www.cdfa.ca.gov/dairy/min_priceletters_main.html)  
 Minimum Prices are f.o.b. Processing Plant / Dates in RED are State Holidays





California Department of Food and Agriculture  
Dairy Marketing Branch  
1220 N Street  
Sacramento, CA 95814  
(916) 341-5988 / Fax (916) 341-6697  
[www.cdfa.ca.gov/dairy](http://www.cdfa.ca.gov/dairy)

