

California Dairy Statistics

2012 Data



C A L I F O R N I A
Dairy Statistics 2012

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

Dairy Statistics Unit Staff:

Karen Dapper, Research Manager
Lu Tang, Research Analyst

In Cooperation With:

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

and the

U.S. Department of Agriculture
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Tom Vilsack, Secretary

National Agricultural Statistics Service
Dr. Cynthia Z. Clark, Administrator
Vic Tolomeo, Pacific Regional Director

The California Statistics 2012 Annual is a joint effort of the California Department of Food and Agriculture (CDFA) and the United States Department of Agriculture (USDA). Like the previous 67 issues, it contains a summary of statistical data that was originally published by CDFA and USDA, primarily in the Dairy Information Bulletin. This publication would not be possible without the cooperation of the individuals and firms engaged in the production, manufacture, and distribution of milk and dairy products. Both corrections of errors and revisions based on receipt of more complete information are the basis of all changes from previously published data.

*Some photos courtesy of Ag Natural
Photography*



California Department of Food and Agriculture

Karen Ross, Secretary
Dairy Marketing Branch

1220 N Street, Sacramento, CA 95814
(916) 900-5014 / www.cdfa.ca.gov/dairy
Email: dairy@cdfa.ca.gov

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California's Dairy Industry in 2012

For California, 2012 was a year of very mild weather with total milk production for the year slightly above previous year levels. California monthly milk production decreased every month from July through December when compared to the corresponding month in the previous year. The reduced milk production in California and slowing milk production growth nationwide contributed to increased prices of dairy products, which increased milk prices paid to producers in the latter part of the year. Dairy producers experienced inflated feed costs and at times, limited feed availability, resulting from drought conditions in the nation's corn growing regions. For dairy processors, both national and global supply and demand conditions of finished dairy products were

steady with national exports remaining strong in terms of volume and total value.

Throughout 2012, there continued to be signs of strength and improvement in the economy. Milk prices improved in mid-to-late 2012, with the annual average price paid to producers at \$16.59 per hundredweight (cwt.), (lowest average in May at \$14.31/cwt. and highest average in November at \$19.91/cwt.).

Total bulk milk production in California was up 0.8 percent from 2011, the total number of cows was down 0.9 percent, milk per cow was up 1.7 percent, and the number of dairies decreased 6.3 percent.

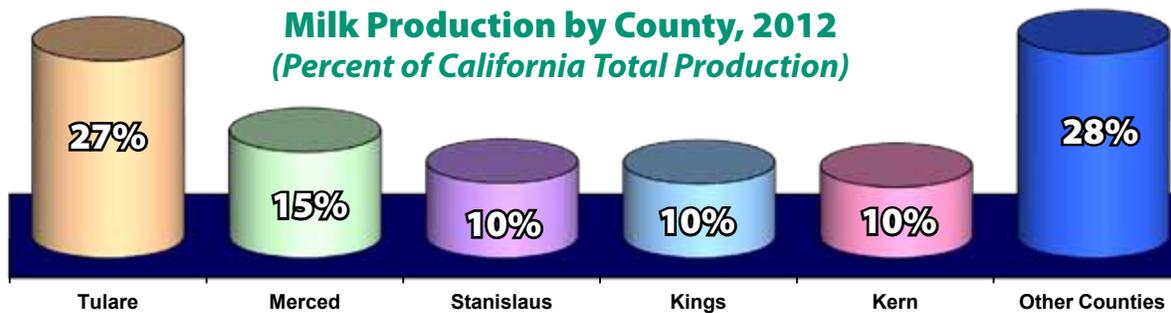


Milk Production

The year 2012 started with record high milk production showing net increases through June when compared to the same months in 2011. The high milk production trend came to a halt after June and the last six months of the year recorded net decreases when compared to 2011. The year finished at a positive 0.8 percent (+334.5 million pounds) compared to milk production totals for 2011. The five leading milk producing counties recorded 71 percent of the milk production in 2012: Tulare, Merced, Stanislaus, Kings, and Kern counties. Grade

B milk production in 2012 recorded a decrease of 51.7 percent (-368.5 million pounds) compared to 2011. Milk production per cow in 2012 was estimated at 23,012 pounds and the number of cows in the state decreased slightly to 1.82 million cows.





Utilization

Utilization in 2012 followed last year's pattern with butter and nonfat dry milk powder (Class 4a) utilization remaining relatively the same, at 35.2 percent (compared to 35.0 percent in 2011) while the percentage of the milk supply going into cheese production (Class 4b) increased slightly to 43.4 percent in 2012 (from 43.0 percent in 2011). For 2012, compared to 2011, both California butter and nonfat dry milk production increased, 5.1 percent and 9.3 percent, respectively. Mozzarella production, which accounts for more than half of total

California cheese production, remained relatively the same as 2011. For the top three cheeses (comparing 2012 to 2011): Mozzarella increased 0.1 percent, Cheddar increased 1.4 percent, and Monterey Jack showed a slight decrease of 0.7 percent. The utilization of pooled milk into Class 1 (fluid milk) products continued its downward trend in 2012, falling to 13.1 percent (down from 13.5 percent in 2011). Class 1 sales continued to decline, recording a decrease of 1.9 percent compared to 2011. Whole, reduced fat, lowfat, and skim milks all showed decreased

sales compared to 2011, while half-and-half showed an increase of 3.4 percent.

Milk Prices

The 12-month average price paid to California producers in 2012 was \$16.59/cwt. compared to \$18.52/cwt. in 2011. Average prices peaked in November at \$19.91/cwt. and ended the year at \$18.61/cwt. At the end of 2012, the industry faced decreased milk production, strong inventories of dairy products, and steady prices paid to producers.



Government Assistance and Related Issues

MILC:

The federal Milk Income Loss Contract (MILC) program compensates dairy producers when domestic milk prices fall below a specific level. The American Taxpayer Relief Act of 2012 authorizes MILC payments through September 30, 2013. MILC payments were available





to producers for nine months of 2012, ranging from \$0.02368/cwt. to \$1.63817/cwt.

Efforts in dairy industry reform and drafting of the next Farm Bill continue into 2013.

CDFA HEARINGS:

The California Department of Food and Agriculture (Department) held a public hearing on May 31 and June 1, 2012, to consider amendments to the Stabilization and Marketing Plans for Market Milk for the Northern California and Southern California Marketing Areas. The petitioners and alternative proposals proposed changes to the whey valuation in the Class 4b pricing formula. After carefully weighing the contents of the hearing record, the Department decided to increase the cap on the whey factor value in the Class 4b pricing formula from

\$0.65/cwt. to \$0.75/cwt., while maintaining the current floor of \$0.25/cwt. For each five cent 'step' in the dry whey commodity price, the corresponding whey factor will increase in \$0.0625/cwt. increments.

The Department held a public hearing on December 21, 2012, to consider amendments to the Stabilization and Marketing Plans for Market Milk for the Northern California and Southern California Marketing Areas, called on the motion of the Secretary. Having carefully weighed the contents of the hearing record the Department amended the Class 1, 2, 3, 4a and 4b pricing formulas on a temporary basis for the period February 1, 2013 to May 31, 2013 by:

- Increasing the Class 1 price approximately \$0.05/cwt. by adding:

- o \$0.0006 per pound to the milk fat price.
- o \$0.0045 per pound to the milk solids-not-fat price.
- o \$0.0001 per pound to the milk fluid carrier price.
- Increasing the Class 2 and 3 prices approximately \$0.10/cwt. by adding:
 - o \$0.0082 per pound to both the milk fat and milk solids-not-fat prices.
- Increasing the Class 4a and 4b prices approximately \$0.30/cwt. by adding:
 - o \$0.0246 per pound to both the milk fat and milk solids-not-fat prices.

Please go to the Dairy Marketing Branch website for further hearing details: http://www.cdfa.ca.gov/dairy/dairy_hearings_matrix.html





USDA Reports: Cows, Production, Receipts



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, 2008-2012 ¹

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 ²
	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>
2008	1,844	1,844	22,344	3.68	41,243	3.68	6,922,104
2009	1,796	1,796	22,000	3.66	39,512	3.66	4,545,094
2010	1,754	1,754	23,025	3.66	40,355	3.66	5,936,237
2011	1,769	1,769	23,438	3.71	41,428	3.72	7,672,441
2012 ³	1,782	1,782	23,457	3.72	41,765	3.72	6,924,634

¹ USDA/NASS data.

² All milk and cream.

³ Figures for 2012 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, 2008-2012 ¹

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 ²
	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>
2008	9,315	9,315	20,396	3.68	189,992	3.68	34,849,113
2009	9,201	9,201	20,576	3.67	189,320	3.67	24,338,642
2010	9,119	9,119	21,148	3.66	192,848	3.66	31,367,282
2011	9,194	9,194	21,336	3.71	196,164	3.71	39,532,545
2012 ³	9,233	9,233	21,697	N/A	200,324	N/A	N/A

¹ USDA/NASS data.

² All milk and cream.

³ Figures for 2012 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.





USDA Reports: Cows, Production, Dairies

Total Production on Farms, Estimated Number of Milk Cows on Farms, Average Production Per Milk Cow, Number of Dairies, by State, 2012 ^{1 2}

State	Total Production on Farms		Cows On Farms ²	Average production per milk cow	Number of Licensed Dairies	Rank in United States Milk Production	Percent of United States Milk Production
	Milk	% Change from 2011					
	<i>Million Pounds</i>		<i>Thousands</i>	<i>Pounds</i>			<i>Percent</i>
Alabama	132	-9.0	10	13,200	50	44	0.1
Alaska	6	-17.4	0.4	14,250	4	50	0.0
Arizona	4,508	2.2	188	23,979	110	12	2.3
Arkansas	133	-6.3	10	13,300	110	43	0.1
California	41,801	0.8	1,782	23,457	1,650	1	20.9
Colorado	3,213	7.1	134	23,978	130	15	1.6
Connecticut	358	-0.8	18	19,889	130	34	0.2
Delaware	94	2.5	5	19,143	50	47	0.0
Florida	2,338	3.0	123	19,008	130	19	1.2
Georgia	1,530	5.5	80	19,125	250	24	0.8
Hawaii	28	3.6	2	14,200	2	48	0.0
Idaho	13,558	2.3	580	23,376	565	3	6.8
Illinois	1,951	2.8	100	19,510	760	21	1.0
Indiana	3,739	5.2	175	21,366	1,570	14	1.9
Iowa	4,433	2.0	204	21,730	1,580	13	2.2
Kansas	2,731	5.6	126	21,675	340	16	1.4
Kentucky	1,120	2.8	74	15,135	840	27	0.6
Louisiana	224	-3.4	17	13,176	140	39	0.1
Maine	613	2.5	33	18,576	310	33	0.3
Maryland	979	0.9	51	19,196	500	28	0.5
Massachusetts	219	-0.5	12	18,250	150	40	0.1
Michigan	8,889	4.8	375	23,704	2,130	8	4.4
Minnesota	9,071	2.0	465	19,508	4,125	7	4.5
Mississippi	201	-1.5	14	14,357	110	41	0.1
Missouri	1,404	1.2	94	14,936	1,430	25	0.7
Montana	299	3.8	14	21,357	70	36	0.1
Nebraska	1,186	1.1	56	21,179	210	26	0.6
Nevada	666	-0.7	29	22,966	20	32	0.3
New Hampshire	275	-3.8	14	19,643	120	38	0.1
New Jersey	130	-3.7	7	18,571	80	45	0.1
New Mexico	8,149	-0.3	330	24,694	140	9	4.1
New York	13,196	2.8	610	21,633	5,150	4	6.6
North Carolina	940	4.0	46	20,435	270	29	0.5
North Dakota	347	0.6	18	19,278	130	35	0.2
Ohio	5,355	4.1	270	19,833	3,060	11	2.7
Oklahoma	849	-8.0	48	17,688	200	30	0.4
Oregon	2,513	1.4	123	20,431	270	18	1.3
Pennsylvania	10,493	-0.5	536	19,576	7,140	5	5.2
Rhode Island	18	-7.1	1	18,300	15	49	0.0
South Carolina	277	-0.7	16	17,313	80	37	0.1
South Dakota	1,968	5.1	92	21,391	325	20	1.0
Tennessee	805	-0.6	50	16,100	420	31	0.4
Texas	9,596	0.1	436	22,009	500	6	4.8
Utah	1,951	5.2	90	21,678	230	21	1.0
Vermont	2,569	1.2	133	19,316	970	17	1.3
Virginia	1,727	0.5	96	17,990	680	23	0.9
Washington	6,234	1.1	262	23,794	480	10	3.1
West Virginia	158	1.3	10	15,800	95	42	0.1
Wisconsin	27,224	4.5	1,270	21,436	11,490	2	13.6
Wyoming	125	1.5	6	20,817	20	46	0.1
United States ³	200,324	2.1	9,233	21,697	49,331		

¹ USDA/NASS data.

² Average number during year, heifers that have not freshened excluded.

³ State totals may not add to U.S. totals because of rounding.

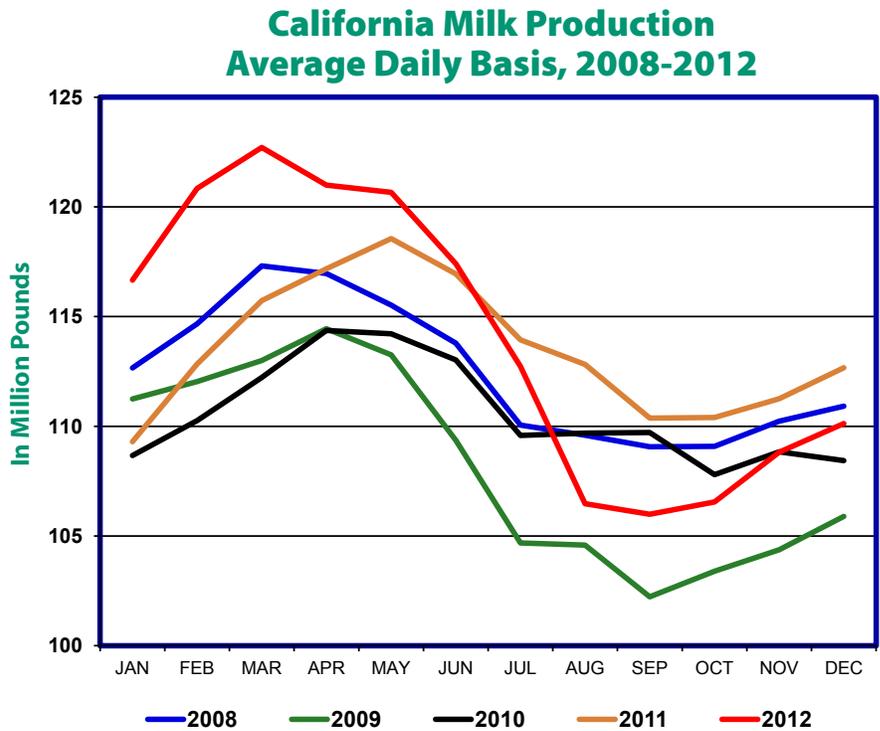


California's Commercial Milk Production

California total milk production increased 0.8 percent in 2012 to 41.8 billion pounds. The majority of the milk, 99.2 percent, was market grade (Grade A), with the remaining 0.8 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, made the decision to operate as manufacturing grade facilities.

The 25 milk-producing counties of the northern California region accounted for 93 percent of the market milk and nearly 100 percent of the manufacturing milk produced commercially during 2012.

The five leading counties in total milk production for 2012, in ranking order, were: Tulare (27 percent), Merced (15 percent); Stanislaus (10 percent); Kings (10 percent); and Kern (10 percent). These five counties accounted for 72 percent of California's total milk production.



The chart above represents the production of milk, in millions of pounds per day, on a monthly basis, January 2008 through December 2012.

The five leading counties in manufacturing milk production for 2012, in ranking order, were: Merced (61 percent); Humboldt (13 percent); Tulare (10 percent); Stanislaus (4 percent); and Glenn (3 percent). These five counties

accounted for 91 percent of California's total manufacturing milk production.

Grade A Milk Production: Top 10 Counties

County (by rank)	Pounds of Milk Produced in 2012	% Change from 2011
Tulare	11,298,068,498	1.51%
Merced	5,876,209,726	5.72%
Stanislaus	4,291,965,584	6.70%
Kings	4,248,944,686	-2.02%
Kern	4,057,962,136	3.91%
Fresno	2,664,734,669	-1.10%
San Joaquin	2,376,070,970	0.05%
Madera	1,773,257,244	-0.27%
San Bernardino	1,601,113,301	-1.66%
Riverside	1,022,939,605	0.63%

Grade B Milk Production: Top 5 Counties

County (by rank)	Pounds of Milk Produced in 2012	% Change from 2011
Merced	210,172,479	-40.32%
Humboldt	43,445,930	-3.11%
Tulare	33,993,082	-21.94%
Stanislaus	12,330,633	-82.81%
Glenn	11,783,874	-15.91%



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, 2011 and 2012

County and Region ¹	2011			2012		
	Number Cows	Number Dairies ²	Average Number Cows/Dairy	Number Cows	Number Dairies ²	Average Number Cows/Dairy
Butte	309	3	103	290	3	97
Del Norte	3,313	8	414	2,860	8	358
Fresno	117,534	98	1,199	114,204	86	1,328
Glenn	17,845	43	415	17,715	35	506
Humboldt	13,688	65	211	13,894	64	217
Kern	168,794	55	3,069	171,931	54	3,184
Kings ⁴	188,416	140	1,346	182,018	124	1,468
Madera	77,110	49	1,595	74,929	46	1,629
Marin	9,766	25	391	9,012	25	360
Mendocino ³		2			2	
Merced	262,131	251	1,044	267,728	243	1,102
Monterey ³		2			2	
Placer ³		1			1	
Sacramento	14,947	35	427	14,905	34	438
San Benito ³		2			2	
San Joaquin ⁴	106,012	126	841	101,236	119	851
Santa Clara ³		0			1	
Siskiyou	703	3	234	698	3	233
Solano ³		2			1	
Sonoma	29,059	67	434	28,668	61	470
Stanislaus	180,416	232	778	187,061	216	866
Sutter ³		1			1	
Tehama	3,888	12	324	3,620	10	362
Tulare	489,740	307	1,615	488,821	296	1,651
Yolo ³		2			2	
Yuba	3,385	4	846	3,162	3	1,054
Northern California	1,696,546	1,535	1,105	1,690,856	1,442	1,173
Imperial	7,863	4	1,966	6,239	3	2,080
Los Angeles ³		1			1	
Riverside	47,516	36	1,320	45,034	36	1,251
San Bernardino	77,350	86	899	70,886	75	945
San Diego	2,407	4	602	2,236	4	559
San Luis Obispo ³		1			1	
Santa Barbara ^{3 4}		1			1	
Southern California	139,566	133	1,049	128,904	121	1,065
STATE TOTALS	1,836,112	1,668	1,101	1,819,760	1,563	1,164

¹ Counties omitted have no reported milk production.

² Number of dairies source is CDFA Milk and Dairy Food Safety Branch.

³ Not published, but included in total.

⁴ Includes prison dairies.



Commercial Production of Bulk Milk

Commercial Production of Bulk Milk, Average Milk Fat and Solids-Not-Fat Test in California, by Year, 2008-2012¹

Year and Month	Bulk Milk			Average Milk Fat Test			Average Solids-not-Fat Test			Total Bulk Milk Change From Prior Year
	Market	Manufacturing	Total ²	Market	Manufacturing	Total	Market	Manufacturing	Total	
	<i>Thousand Pounds</i>			<i>Percent</i>			<i>Percent</i>			
2008	40,471,191	694,924	41,166,115	3.67	4.35	3.68	8.81	9.09	8.81	1.3
2009	37,707,871	1,780,351	39,488,221	3.64	4.13	3.66	8.81	9.05	8.82	-4.1
2010	38,229,530	2,125,585	40,355,115	3.64	4.12	3.66	8.84	9.07	8.85	2.2
2011	40,717,698	712,822	41,430,521	3.71	4.37	3.72	8.86	9.15	8.87	2.7
2012	41,420,654	344,328	41,764,982	3.72	4.57	3.73	8.87	9.21	8.87	0.8
2009										
January	3,289,250	159,406	3,448,656	3.76	4.29	3.78	8.86	9.08	8.87	-1.3
February	3,004,049	133,199	3,137,247	3.70	4.19	3.73	8.83	9.07	8.84	-5.7
March	3,355,052	148,616	3,503,668	3.65	4.15	3.67	8.81	9.05	8.82	-3.7
April	3,282,426	151,030	3,433,456	3.61	4.10	3.63	8.81	9.04	8.82	-2.2
May	3,352,685	158,256	3,510,941	3.54	4.00	3.56	8.78	9.02	8.79	-2.0
June	3,131,599	149,224	3,280,823	3.53	3.97	3.55	8.76	9.00	8.77	-3.9
July	3,094,477	150,704	3,245,181	3.52	3.95	3.54	8.71	8.95	8.72	-4.9
August	3,092,257	149,922	3,242,179	3.53	3.98	3.55	8.75	8.97	8.76	-4.6
September	2,924,511	142,436	3,066,947	3.59	4.07	3.61	8.78	9.02	8.79	-6.3
October	3,056,611	148,616	3,205,227	3.68	4.18	3.70	8.86	9.10	8.87	-5.2
November	2,988,806	142,303	3,131,110	3.75	4.30	3.78	8.92	9.16	8.93	-5.3
December	3,136,149	146,638	3,282,787	3.80	4.40	3.83	8.91	9.16	8.92	-4.5
2010										
January	3,193,141	175,499	3,368,639	3.76	4.24	3.79	8.86	9.08	8.87	-2.3
February	2,921,998	165,204	3,087,202	3.70	4.17	3.72	8.83	9.03	8.84	-1.6
March	3,293,405	185,666	3,479,071	3.65	4.12	3.67	8.83	9.04	8.84	-0.7
April	3,249,518	181,635	3,431,153	3.60	4.08	3.62	8.84	9.05	8.85	-0.1
May	3,350,312	190,301	3,540,613	3.56	4.07	3.59	8.84	9.05	8.85	0.8
June	3,209,629	181,094	3,390,723	3.52	3.99	3.55	8.81	9.03	8.82	3.3
July	3,216,853	180,367	3,397,220	3.49	3.95	3.52	8.77	8.99	8.78	4.7
August	3,222,441	178,073	3,400,514	3.54	4.00	3.56	8.79	9.03	8.81	4.9
September	3,120,444	171,035	3,291,480	3.61	4.08	3.64	8.84	9.08	8.85	7.3
October	3,166,273	175,532	3,341,805	3.66	4.13	3.68	8.85	9.10	8.87	4.3
November	3,096,024	169,214	3,265,238	3.76	4.27	3.79	8.92	9.19	8.94	4.3
December	3,189,493	171,966	3,361,458	3.82	4.34	3.85	8.93	9.20	8.94	2.4
2011										
January	3,329,957	58,465	3,388,422	3.84	4.58	3.85	8.90	9.20	8.90	0.6
February	3,104,945	54,547	3,159,492	3.79	4.46	3.80	8.87	9.17	8.88	2.3
March	3,524,818	62,723	3,587,541	3.74	4.42	3.75	8.86	9.16	8.87	3.1
April	3,455,312	59,881	3,515,192	3.69	4.37	3.70	8.84	9.15	8.84	2.4
May	3,610,947	64,175	3,675,122	3.65	4.32	3.67	8.84	9.12	8.85	3.8
June	3,447,274	61,107	3,508,381	3.64	4.28	3.65	8.81	9.10	8.81	3.5
July	3,469,714	62,364	3,532,078	3.57	4.18	3.59	8.77	9.03	8.77	4.0
August	3,436,774	60,749	3,497,523	3.60	4.18	3.61	8.80	9.07	8.81	2.9
September	3,254,604	56,743	3,311,347	3.63	4.24	3.64	8.83	9.10	8.83	0.6
October	3,364,079	59,757	3,423,835	3.70	4.33	3.71	8.88	9.15	8.88	2.5
November	3,284,181	54,655	3,338,836	3.79	4.55	3.81	8.97	9.26	8.97	2.3
December	3,435,095	57,656	3,492,752	3.83	4.62	3.84	8.98	9.27	8.98	3.9
2012										
January	3,587,849	28,124	3,615,973	3.79	4.75	3.80	8.93	9.28	8.93	6.7
February	3,477,146	26,403	3,503,549	3.74	4.64	3.75	8.89	9.23	8.89	10.9
March	3,772,736	30,570	3,803,305	3.73	4.59	3.73	8.88	9.23	8.88	6.0
April	3,597,922	31,756	3,629,678	3.68	4.47	3.69	8.87	9.20	8.88	3.3
May	3,706,753	32,985	3,739,738	3.61	4.41	3.62	8.84	9.17	8.85	1.8
June	3,491,052	30,365	3,521,417	3.62	4.41	3.63	8.83	9.16	8.83	0.4
July	3,465,801	28,472	3,494,273	3.63	4.45	3.63	8.79	9.16	8.79	-1.1
August	3,273,030	27,677	3,300,707	3.68	4.46	3.68	8.74	9.10	8.74	-5.6
September	3,153,537	26,203	3,179,740	3.71	4.57	3.72	8.83	9.21	8.83	-4.0
October	3,274,609	28,565	3,303,174	3.77	4.64	3.78	8.90	9.25	8.90	-3.5
November	3,234,481	25,047	3,259,529	3.84	4.79	3.85	8.96	9.31	8.96	-2.4
December	3,385,737	28,162	3,413,899	3.86	4.74	3.87	8.96	9.30	8.96	-2.3

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

² 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, 2012¹

County and Region ²	Bulk Milk			Average Milk Fat Test ³			Average Solids-not-Fat Test ³			State Rank
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total	
	Thousand Pounds			Percent			Percent			
Butte	5,060	317	5,377	4.31	3.66	4.28	9.15	8.32	9.10	31
Del Norte	38,305	8,890	47,196	4.23	4.89	4.35	8.95	9.30	9.02	23
Fresno	2,664,735	3,741	2,668,475	3.71	3.74	3.71	8.86	8.90	8.86	6
Glenn	399,274	11,784	411,058	3.74	3.92	3.74	8.81	8.96	8.82	12
Humboldt	185,815	43,446	229,261	4.15	4.55	4.22	8.93	9.17	8.97	14
Kern	4,057,962	1,153	4,059,115	3.69	3.61	3.69	8.82	8.89	8.82	5
Kings	4,248,945	5,410	4,254,355	3.68	3.75	3.68	8.84	8.85	8.84	4
Madera	1,773,257	2,495	1,775,753	3.65	3.54	3.65	8.85	8.85	8.85	8
Marin	152,253	13	152,266	3.69	3.85	3.69	8.89	9.02	8.89	15
Mendocino ⁴										26
Merced	5,876,210	210,172	6,086,382	3.78	4.73	3.82	8.90	9.29	8.92	2
Monterey ⁴										25
Placer ⁴										29
Sacramento	344,626	105	344,730	3.72	3.91	3.72	8.88	8.94	8.88	13
San Benito ⁴										30
San Joaquin	2,376,071	1,044	2,377,114	3.66	3.60	3.66	8.83	8.81	8.83	7
Siskiyou	16,025	0	16,025	3.77		3.77	8.82		8.82	27
Solano ⁴										18
Sonoma	472,573	752	473,325	3.75	3.54	3.75	8.90	8.72	8.90	11
Stanislaus	4,291,966	12,331	4,304,296	3.74	4.36	3.74	8.88	9.21	8.88	3
Sutter ⁴										28
Tehama	72,160	4,653	76,812	4.10	4.29	4.12	9.08	8.92	9.07	17
Tulare	11,298,068	33,993	11,332,062	3.74	4.29	3.75	8.90	9.10	8.90	1
Yolo ⁴										24
Yuba	68,682	736	69,418	3.91	4.64	3.91	8.94	9.28	8.94	19
Northern California	38,507,765	344,224	38,851,989	3.73	4.57	3.74	8.87	9.21	8.88	
Imperial	134,449	0	134,449	3.87		3.87	9.01		9.01	16
Los Angeles ⁴										21
Riverside	1,022,940	46	1,022,986	3.58	3.41	3.58	8.83	8.49	8.83	10
San Bernardino	1,601,113	57	1,601,171	3.60	4.08	3.60	8.78	9.06	8.78	9
San Diego	50,937	0	50,937	3.53		3.53	8.74		8.74	20
San Luis Obispo ⁴										32
Santa Barbara ⁴										22
Southern California	2,912,889	104	2,912,993	3.61	3.78	3.61	8.80	8.80	8.80	
STATE TOTALS	41,420,654	344,328	41,764,982	3.72	4.57	3.73	8.87	9.21	8.87	

¹ Includes total milk sold. Excludes milk used on ranch.

² Counties omitted have no reported milk production.

³ Tests were computed from unrounded data.

⁴ Not published, but included in total.

Commercial Milk Production, by County, by Month

Commercial Production of All Milk in California, by Counties and Regions, 2012¹

County and Region ²	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	368,630	381,658	468,548	483,231	530,546	509,690
Del Norte	3,422,555	3,117,731	3,744,432	4,053,446	4,722,431	4,757,846
Fresno	228,842,808	221,883,239	242,255,709	229,872,036	238,892,545	221,712,896
Glenn	35,453,409	34,637,364	37,853,879	36,121,860	36,938,732	34,478,049
Humboldt	17,357,176	16,795,623	18,657,029	18,938,164	21,461,768	21,623,958
Kern	349,281,890	342,221,919	373,291,403	357,481,122	366,615,439	342,259,924
Kings	377,821,891	365,871,786	398,933,182	372,187,769	379,223,893	360,120,666
Madera	156,876,307	151,087,785	163,103,783	153,487,451	160,905,482	150,840,058
Marin	13,496,481	12,777,211	14,523,699	12,912,592	13,145,279	12,572,539
Mendocino ³						
Merced	513,718,670	495,431,197	536,963,026	517,403,499	535,384,046	507,799,585
Monterey ³						
Placer ³						
Sacramento	29,374,642	27,535,644	29,872,486	28,542,632	30,006,166	29,220,893
San Benito ³						
San Joaquin	205,821,219	197,617,968	212,087,942	204,364,297	209,957,515	199,807,690
Siskiyou	1,332,509	1,251,278	1,353,448	1,317,262	1,388,754	1,315,376
Solano ³						
Sonoma	41,239,428	39,398,531	43,795,139	40,498,637	41,120,565	39,565,751
Stanislaus	363,360,749	349,200,251	379,266,526	364,935,784	380,997,397	365,056,129
Sutter ³						
Tehama	6,788,070	6,465,221	6,863,087	6,541,180	6,770,538	6,451,548
Tulare	984,891,149	960,114,796	1,041,184,878	989,813,759	1,018,677,069	952,235,032
Yolo ³						
Yuba	6,552,558	6,168,992	6,558,681	6,281,598	6,428,706	5,930,231
Northern California	3,352,593,765	3,247,552,043	3,527,261,412	3,361,275,811	3,469,541,537	3,271,978,940
Imperial	14,414,814	14,445,737	15,764,307	15,151,900	14,966,633	13,077,594
Los Angeles ³						
Riverside	90,395,267	88,172,603	95,199,928	91,558,251	92,141,350	85,426,229
San Bernardino	145,627,289	140,706,375	151,342,111	147,985,415	149,184,087	137,515,904
San Diego	4,438,723	4,343,757	4,782,476	4,665,073	4,709,223	4,346,405
San Luis Obispo ³						
Santa Barbara ³						
Southern California	263,379,664	255,996,973	276,043,706	268,402,481	270,196,615	249,437,885
STATE TOTALS	3,615,973,429	3,503,549,016	3,803,305,118	3,629,678,292	3,739,738,152	3,521,416,825

¹ Includes total milk sold. Excludes milk left on ranch.

² Counties omitted have no reported milk production.

³ Not published, but included in total.



Commercial Milk Production, by County, by Month

Commercial Production of All Milk in California, by Counties and Regions, 2012 ¹ - Continued

County and Region ²	July	August	September	October	November	December	Total
	<i>Pounds</i>						
Butte	526,479	511,809	450,291	437,360	381,106	327,480	5,376,828
Del Norte	4,717,131	4,394,124	3,860,202	3,841,984	3,308,767	3,255,067	47,195,716
Fresno	221,441,730	213,199,516	205,788,245	212,041,843	210,868,805	221,675,991	2,668,475,363
Glenn	34,331,096	32,039,637	31,143,180	32,055,885	32,148,231	33,856,994	411,058,316
Humboldt	21,709,253	20,903,918	18,963,337	18,671,785	17,079,794	17,099,112	229,260,917
Kern	335,646,744	314,838,287	304,542,775	319,687,300	316,112,540	337,135,544	4,059,114,887
Kings	352,097,394	329,141,518	314,637,977	329,298,115	327,995,091	347,025,280	4,254,354,562
Madera	146,467,972	137,189,748	133,441,920	140,186,301	139,048,370	143,117,531	1,775,752,708
Marin	12,975,277	12,726,185	11,657,986	12,193,702	11,569,022	11,716,081	152,266,054
Mendocino ³							
Merced	516,726,943	494,935,918	478,109,120	495,567,133	488,280,789	506,062,279	6,086,382,205
Monterey ³							
Placer ³							
Sacramento	29,841,459	29,009,584	27,722,090	28,080,342	27,186,442	28,337,972	344,730,352
San Benito ³							
San Joaquin	201,456,539	193,265,464	184,875,572	189,062,931	185,097,143	193,700,198	2,377,114,478
Siskiyou	1,354,755	1,379,354	1,295,120	1,365,468	1,333,064	1,338,414	16,024,802
Solano ³							
Sonoma	40,222,563	38,812,898	36,337,743	37,679,120	36,784,939	37,869,904	473,325,218
Stanislaus	368,185,595	350,344,792	337,654,771	350,221,771	340,453,488	354,618,964	4,304,296,217
Sutter ³							
Tehama	6,427,156	6,261,825	5,917,515	6,127,188	6,020,820	6,177,950	76,812,098
Tulare	937,810,719	880,425,765	853,512,863	888,278,484	886,043,504	939,073,562	11,332,061,580
Yolo ³							
Yuba	6,079,018	5,791,146	5,527,805	5,035,773	4,445,299	4,618,263	69,418,070
Northern California	3,253,639,038	3,080,047,566	2,968,040,060	3,079,819,804	3,043,796,836	3,196,442,519	38,851,989,331
Imperial	8,742,036	6,979,212	6,443,860	7,412,480	8,009,642	9,040,680	134,448,895
Los Angeles ³							
Riverside	84,536,281	77,184,721	75,352,797	80,776,185	79,514,370	82,727,963	1,022,985,945
San Bernardino	133,994,872	124,007,871	118,290,705	123,012,971	116,199,478	113,303,500	1,601,170,578
San Diego	4,225,126	3,948,243	3,767,384	3,855,163	3,892,672	3,962,997	50,937,242
San Luis Obispo ³							
Santa Barbara ³							
Southern California	240,634,012	220,659,277	211,699,831	223,353,880	215,731,811	217,456,571	2,912,992,706
STATE TOTALS	3,494,273,050	3,300,706,843	3,179,739,891	3,303,173,684	3,259,528,647	3,413,899,090	41,764,982,037

¹ Includes total milk sold. Excludes milk left on ranch.

² Counties omitted have no reported milk production.

³ 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, 2012¹

County and Region ²	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	353,926	369,552	454,094	457,018	493,682	477,295
Del Norte	2,855,282	2,639,932	3,168,547	3,255,569	3,749,326	3,825,493
Fresno	227,914,896	221,729,597	241,978,428	229,396,752	238,621,565	221,570,405
Glenn	34,566,752	33,629,774	36,865,330	35,095,141	35,922,133	33,330,797
Humboldt	14,224,590	13,849,797	15,341,938	15,233,614	17,015,402	17,407,493
Kern	349,281,890	342,168,054	373,291,403	357,462,522	366,047,835	342,202,820
Kings	377,740,310	365,769,193	398,039,495	372,014,009	379,194,644	359,714,047
Madera	156,740,059	150,781,830	163,046,204	153,350,185	160,558,377	150,291,367
Marin	13,496,481	12,777,211	14,523,699	12,912,592	13,145,279	12,572,539
Mendocino ³						
Merced	496,280,481	478,498,555	517,922,127	499,186,615	517,298,213	490,165,808
Monterey ³						
Placer ³						
Sacramento	29,374,642	27,535,644	29,872,486	28,542,632	30,001,439	29,155,265
San Benito ³						
San Joaquin	205,768,691	197,548,009	211,803,738	204,174,121	209,922,044	199,733,455
Siskiyou	1,332,509	1,251,278	1,353,448	1,317,262	1,388,754	1,315,376
Solano ³						
Sonoma	41,182,383	39,343,702	43,738,861	40,445,681	41,062,448	39,509,057
Stanislaus	362,287,482	348,282,662	378,309,476	363,804,866	379,512,658	362,973,503
Sutter ³						
Tehama	6,405,804	6,098,269	6,461,936	6,169,063	6,313,567	6,018,455
Tulare	981,517,308	957,112,681	1,037,477,380	985,109,487	1,015,830,923	949,800,452
Yolo ³						
Yuba	6,552,558	6,168,992	6,558,681	6,281,598	6,428,706	5,930,231
Northern California	3,324,469,668	3,221,148,581	3,496,691,806	3,329,519,938	3,436,556,242	3,241,614,150
Imperial	14,414,814	14,445,737	15,764,307	15,151,900	14,966,633	13,077,594
Los Angeles ³						
Riverside	90,395,267	88,172,603	95,199,928	91,558,251	92,141,350	85,426,229
San Bernardino	145,627,289	140,706,375	151,342,111	147,985,415	149,184,087	137,515,904
San Diego	4,438,723	4,343,757	4,782,476	4,665,073	4,709,223	4,346,405
San Luis Obispo ³						
Santa Barbara ³						
Southern California	263,379,664	255,996,973	276,043,706	268,402,481	270,196,615	249,437,885
STATE TOTALS	3,587,849,332	3,477,145,554	3,772,735,512	3,597,922,419	3,706,752,857	3,491,052,035

¹ Includes total milk sold. Excludes milk left on ranch.

² Counties omitted have no reported milk production.

³ 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, 2012¹ - Continued

County and Region ²	July	August	September	October	November	December	Total
	<i>Pounds</i>						
Butte	494,169	478,138	417,301	401,297	355,359	307,908	5,059,739
Del Norte	3,787,336	3,534,554	3,077,919	3,085,507	2,661,001	2,665,027	38,305,493
Fresno	221,095,372	213,038,291	205,492,513	211,907,585	210,527,967	221,461,298	2,664,734,669
Glenn	33,383,109	31,208,056	30,437,464	31,222,608	31,317,536	32,295,742	399,274,442
Humboldt	17,515,975	16,985,836	15,352,265	15,048,145	13,868,920	13,971,012	185,814,987
Kern	335,646,744	314,749,879	304,525,351	319,424,546	316,059,223	337,101,869	4,057,962,136
Kings	351,535,364	328,191,491	313,565,792	328,628,634	327,841,762	346,709,945	4,248,944,686
Madera	145,954,820	137,101,947	133,411,757	140,079,379	139,027,661	142,913,658	1,773,257,244
Marin	12,975,277	12,726,185	11,644,788	12,193,702	11,569,022	11,716,081	152,252,856
Mendocino ³							
Merced	499,406,499	477,724,811	461,727,566	478,493,282	471,496,770	488,008,999	5,876,209,726
Monterey ³							
Placer ³							
Sacramento	29,841,459	29,009,584	27,709,394	28,067,352	27,186,442	28,329,231	344,625,570
San Benito ³							
San Joaquin	201,428,859	193,123,752	184,875,572	189,038,154	185,083,910	193,570,665	2,376,070,970
Siskiyou	1,354,755	1,379,354	1,295,120	1,365,468	1,333,064	1,338,414	16,024,802
Solano ³							
Sonoma	40,162,371	38,746,595	36,285,838	37,600,193	36,686,439	37,809,725	472,573,293
Stanislaus	367,369,581	349,657,611	336,635,934	349,244,814	339,923,653	353,963,344	4,291,965,584
Sutter ³							
Tehama	5,975,283	5,844,063	5,576,308	5,783,632	5,691,054	5,822,075	72,159,509
Tulare	935,580,310	878,249,989	851,676,947	885,297,494	884,034,892	936,380,635	11,298,068,498
Yolo ³							
Yuba	6,038,957	5,791,146	5,527,805	4,385,771	4,445,299	4,572,149	68,681,893
Northern California	3,225,167,455	3,052,417,360	2,941,837,182	3,051,254,882	3,018,749,596	3,168,338,060	38,507,764,920
Imperial	8,742,036	6,979,212	6,443,860	7,412,480	8,009,642	9,040,680	134,448,895
Los Angeles ³							
Riverside	84,536,281	77,138,381	75,352,797	80,776,185	79,514,370	82,727,963	1,022,939,605
San Bernardino	133,994,872	124,007,871	118,290,705	123,012,971	116,199,478	113,246,223	1,601,113,301
San Diego	4,225,126	3,948,243	3,767,384	3,855,163	3,892,672	3,962,997	50,937,242
San Luis Obispo ³							
Santa Barbara ³							
Southern California	240,634,012	220,612,937	211,699,831	223,353,880	215,731,811	217,399,294	2,912,889,089
STATE TOTALS	3,465,801,467	3,273,030,297	3,153,537,013	3,274,608,762	3,234,481,407	3,385,737,354	41,420,654,009

¹ Includes total milk sold. Excludes milk left on ranch.

² Counties omitted have no reported milk production.

³ 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, 2012¹

County and Region ²	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	14,704	12,106	14,454	26,213	36,864	32,395
Del Norte	567,273	477,799	575,885	797,877	973,105	932,353
Fresno	927,912	153,642	277,281	475,284	270,980	142,491
Glenn	886,657	1,007,590	988,549	1,026,719	1,016,599	1,147,252
Humboldt	3,132,586	2,945,826	3,315,091	3,704,550	4,446,366	4,216,465
Kern	0	53,865	0	18,600	567,604	57,104
Kings	81,581	102,593	893,687	173,760	29,249	406,619
Madera	136,248	305,955	57,579	137,266	347,105	548,691
Marin	0	0	0	0	0	0
Mendocino ³						
Merced	17,438,189	16,932,642	19,040,899	18,216,884	18,085,833	17,633,777
Monterey ³						
Placer ³						
Sacramento	0	0	0	0	4,727	65,628
San Benito ³						
San Joaquin	52,528	69,959	284,204	190,176	35,471	74,235
Siskiyou						
Solano ³						
Sonoma	57,045	54,829	56,278	52,956	58,117	56,694
Stanislaus	1,073,267	917,589	957,050	1,130,918	1,484,739	2,082,626
Sutter ³						
Tehama	382,266	366,952	401,151	372,117	456,971	433,093
Tulare	3,373,841	3,002,115	3,707,498	4,704,272	2,846,146	2,434,580
Yolo ³						
Yuba	0	0	0	0	0	0
Northern California	28,124,097	26,403,462	30,569,606	31,755,873	32,985,295	30,364,790
Imperial						
Los Angeles ³						
Riverside	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0
San Diego						
San Luis Obispo ³						
Santa Barbara ³						
Southern California	0	0	0	0	0	0
STATE TOTALS	28,124,097	26,403,462	30,569,606	31,755,873	32,985,295	30,364,790

¹ Includes total milk sold. Excludes milk left on ranch.

² Counties omitted have no reported milk production.

³ 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, 2012 ¹ - Continued

County and Region ²	July	August	September	October	November	December	Total
	<i>Pounds</i>						
Butte	32,310	33,671	32,990	36,063	25,747	19,572	317,089
Del Norte	929,795	859,570	782,283	756,477	647,766	590,040	8,890,223
Fresno	346,358	161,225	295,732	134,258	340,838	214,693	3,740,694
Glenn	947,987	831,581	705,716	833,277	830,695	1,561,252	11,783,874
Humboldt	4,193,278	3,918,082	3,611,072	3,623,640	3,210,874	3,128,100	43,445,930
Kern	0	88,408	17,424	262,754	53,317	33,675	1,152,751
Kings	562,030	950,027	1,072,185	669,481	153,329	315,335	5,409,876
Madera	513,152	87,801	30,163	106,922	20,709	203,873	2,495,464
Marin	0	0	13,198	0	0	0	13,198
Mendocino ³							
Merced	17,320,444	17,211,107	16,381,554	17,073,851	16,784,019	18,053,280	210,172,479
Monterey ³							
Placer ³							
Sacramento	0	0	12,696	12,990	0	8,741	104,782
San Benito ³							
San Joaquin	27,680	141,712	0	24,777	13,233	129,533	1,043,508
Siskiyou							
Solano ³							
Sonoma	60,192	66,303	51,905	78,927	98,500	60,179	751,925
Stanislaus	816,014	687,181	1,018,837	976,957	529,835	655,620	12,330,633
Sutter ³							
Tehama	451,873	417,762	341,207	343,556	329,766	355,875	4,652,589
Tulare	2,230,409	2,175,776	1,835,916	2,980,990	2,008,612	2,692,927	33,993,082
Yolo ³							
Yuba	40,061	0	0	650,002	0	46,114	736,177
Northern California	28,471,583	27,630,206	26,202,878	28,564,922	25,047,240	28,104,459	344,224,411
Imperial							
Los Angeles ³							
Riverside	0	46,340	0	0	0	0	46,340
San Bernardino	0	0	0	0	0	57,277	57,277
San Diego							
San Luis Obispo ³							
Santa Barbara ³							
Southern California	0	46,340	0	0	0	57,277	103,617
Southern California	28,471,583	27,676,546	26,202,878	28,564,922	25,047,240	28,161,736	344,328,028

¹ Includes total milk sold. Excludes milk left on ranch.

² Counties omitted have no reported milk production.

³ Not published, but included in total.



Pooled Milk Utilization in California

In 2012, utilization of pooled Grade A milkfat pounds increased 2.3 percent and solids-not-fat (SNF) pounds increased 2.0 percent, as compared to 2011. In addition, as compared to 2011, 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 (decreased 1.1 percent); Class 2, soft dairy products (increased 2.9 percent); Class 3, frozen dairy products (decreased 2.1 percent); Class 4a, butter and powder (increased 2.7 percent); and Class 4b, cheese (increased 2.9 percent). In total, Class 4a and 4b accounted for 78.6 percent of all milk available on a total solids basis.



Utilization of Pooled Milk Fat, in California by Class, by Year, 2007-2012^{1 2 3}

Year	Class 1	Class 2	Class 3	Class 4a	Class 4b	Fat Total	Fat \$ Value (Actual Dollars)	Quota	Non-Quota
						<i>Thousand Pounds</i>			
2007	125,194	81,723	88,167	509,666	606,338	1,411,088	\$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
2009	122,333	103,224	90,553	523,507	482,579	1,322,196	\$1,674,355,825	322,432	999,764
2010	121,595	112,730	95,862	519,026	494,925	1,344,139	\$2,452,596,220	322,346	1,021,794
2011	116,488	107,065	91,618	588,328	566,783	1,470,282	\$3,126,406,701	322,379	1,147,903
2012	116,431	111,583	84,278	606,657	585,841	1,504,789	\$2,510,500,800	323,044	1,181,745

¹ Data are subject to revision.

² Includes pooled milk only. Excludes exempt, non-pool, Grade B milk and bulk milk shipped out-of-California.

³ Class usage has been adjusted for plant gain and inventory variance.

Utilization of Pooled Milk Solids-Not-Fat, in California by Class, by Year, 2007-2012^{1 2 3}

Year	Class 1	Class 2	Class 3	Class 4a	Class 4b	SNF Total	SNF \$ Value (Actual Dollars)	Quota	Non-Quota
						<i>Thousand Pounds</i>			
2007	563,441	133,968	91,930	931,789	1,670,341	3,391,470	\$4,940,117,785	786,453	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
2009	572,351	136,722	87,928	1,071,964	1,339,293	3,208,256	\$2,518,405,994	786,126	2,422,130
2010	571,539	137,285	78,360	1,089,003	1,395,788	3,271,975	\$3,008,436,195	786,107	2,485,868
2011	558,000	138,931	80,850	1,158,511	1,584,738	3,521,031	\$4,255,204,327	786,205	2,734,826
2012	550,910	141,502	84,627	1,186,640	1,627,891	3,591,570	\$4,197,611,190	787,712	2,803,858

¹ Data are subject to revision.

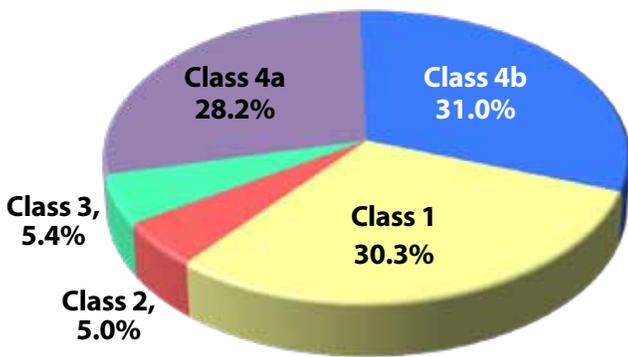
² Includes pooled milk only. Excludes exempt, non-pool, Grade B milk and bulk milk shipped out-of-California.

³ Class usage has been adjusted for plant gain and inventory variance.

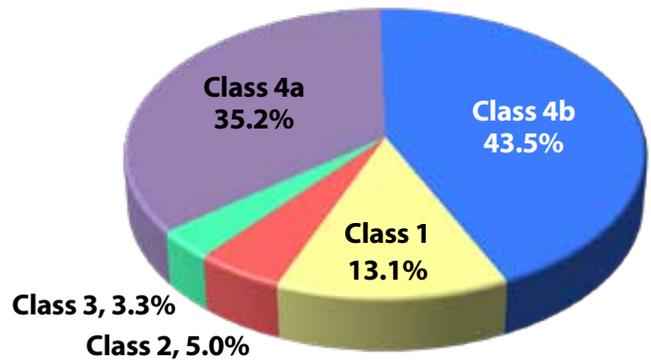


Pooled Milk Utilization in California

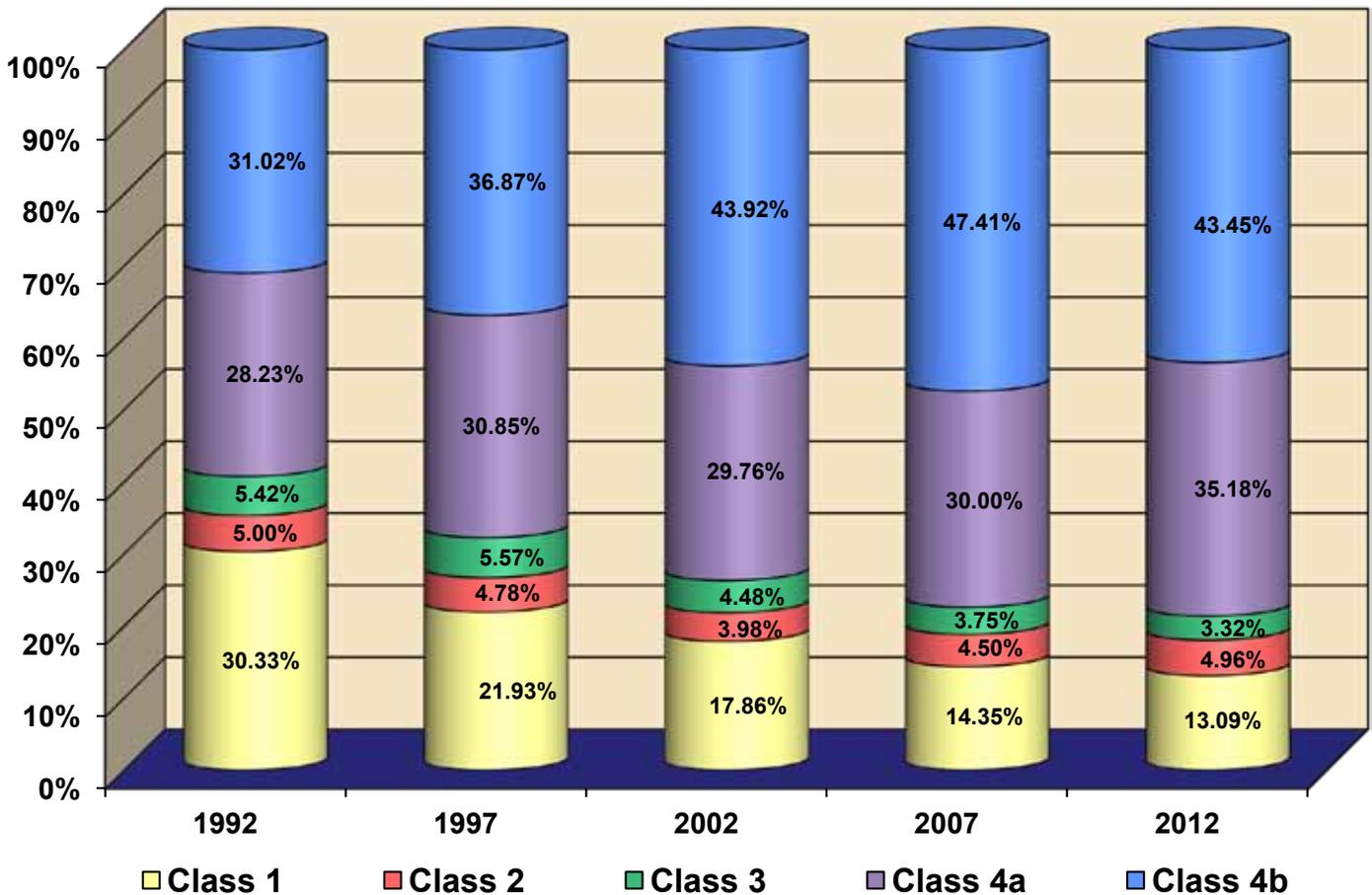
Utilization of California Pooled Milk by Class, 1992



Utilization of California Pooled Milk by Class, 2012



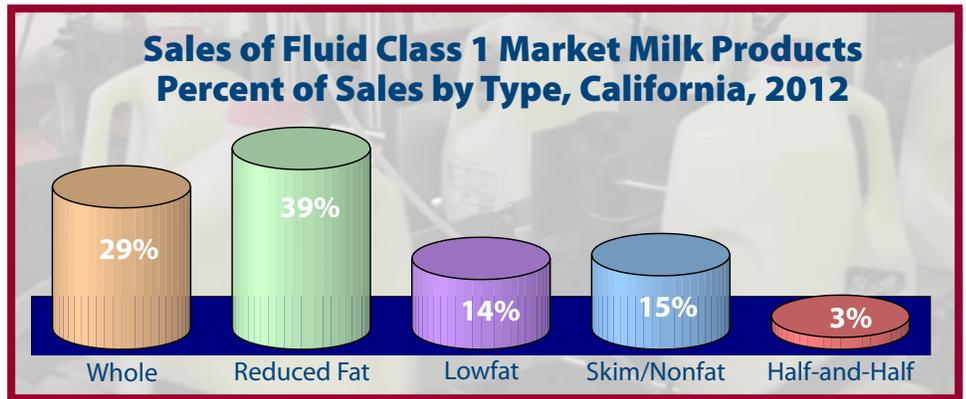
Utilization of California Pooled Milk, by Class 1992 - 2012



California Class 1 Sales

For 2012, total Class 1 sales decreased 1.9 percent compared to 2011, with whole, reduced fat, lowfat, and skim milks all showing decreased sales. Hand-and-half sales increased 3.4 percent compared to the previous year.

The breakdown of total Class 1 Sales were as follows: 29.2 percent whole milk, 39.3 percent reduced fat milk, 14.0 percent lowfat milk, 14.8 percent skim milk, and 2.7 percent half-and-half.



*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%
California Advantage	5%	5%	5%
California 2% Reduced Fat	317 mg	9.1 g	10%
Federal 2%	261 mg	7.5 g	8.25%
California Advantage	21%	21%	21%
California 1% Lowfat	348 mg	10 g	11%
Federal 1%	261 mg	7.5 g	8.25%
California Advantage	33%	33%	33%
California Nonfat	285 mg	8.2 g	9%
Federal Nonfat	261 mg	7.5 g	8.25%
California Advantage	9%	9%	9%

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.



Manufacture of Dairy Products: Class 1 Sales

Sales of Class 1 Market Milk Products in California, by Year, 2008-2012¹

Year	Whole Milk	Reduced Fat Milk	Lowfat Light Milk	Skim/Nonfat Fat-Free Milk	Subtotal Beverage Milks	Half and Half	Total Class 1	Total Class 1 Milk Change From Prior Year
	Thousand Gallons					Percent		
2008	247,618	271,720	109,847	123,349	752,533	17,600	770,134	1.2
2009	242,147	278,652	112,724	118,650	752,173	17,850	770,023	0.0
2010	225,185	286,418	110,892	116,674	739,155	18,568	757,723	-1.6
2011	215,126	290,571	105,717	115,034	726,449	18,977	745,425	-1.6
2012	213,481	287,608	102,562	108,171	711,822	19,614	731,436	-1.9
2009								
January	20,836	23,295	9,607	10,448	64,186	1,498	65,685	0.0
February	19,267	21,472	9,035	9,718	59,492	1,375	60,867	-0.8
March	20,941	23,156	10,158	10,738	64,993	1,531	66,525	4.0
April	19,986	22,082	9,334	9,896	61,298	1,469	62,768	-0.3
May	19,929	22,368	9,667	10,307	62,271	1,426	63,698	-3.2
June	20,349	22,778	8,601	9,154	60,881	1,447	62,329	2.1
July	20,327	23,040	7,978	8,294	59,639	1,387	61,028	-0.4
August	20,573	23,785	8,784	8,977	62,119	1,388	63,507	-0.7
September	20,115	23,384	9,954	10,411	63,864	1,410	65,275	-0.7
October	20,681	24,714	10,604	11,030	67,029	1,574	68,604	0.0
November	18,792	23,464	9,591	9,802	61,650	1,611	63,261	1.1
December	20,351	25,114	9,411	9,875	64,752	1,736	66,489	-1.0
2010								
January	19,233	24,207	9,679	10,229	63,348	1,492	64,841	-1.3
February	17,357	21,960	8,918	9,750	57,985	1,471	59,456	-2.3
March	19,117	24,654	10,031	10,806	64,608	1,653	66,262	-0.4
April	18,795	24,147	9,669	10,296	62,907	1,581	64,489	2.7
May	18,755	23,941	9,724	10,295	62,715	1,561	64,277	0.9
June	18,325	23,388	8,296	8,660	58,669	1,470	60,141	-3.5
July	18,676	23,355	7,889	7,856	57,775	1,404	59,181	-3.0
August	19,050	23,988	8,739	8,731	60,509	1,478	61,988	-2.4
September	18,383	23,260	9,765	10,057	61,464	1,476	62,943	-3.6
October	18,944	24,492	10,009	10,714	64,159	1,512	65,673	-4.3
November	18,915	24,134	9,338	9,905	62,292	1,716	64,010	1.2
December	19,635	24,891	8,836	9,376	62,738	1,756	64,495	-3.0
2011								
January	18,864	24,329	9,558	10,341	63,092	1,537	64,631	-0.3
February	16,987	22,158	8,684	9,594	57,423	1,503	58,928	-0.9
March	18,607	24,964	9,849	10,920	64,341	1,685	66,029	-0.4
April	17,509	23,637	8,889	9,683	59,718	1,558	61,279	-5.0
May	17,705	23,992	9,441	10,369	61,507	1,505	63,016	-2.0
June	17,432	23,688	7,780	8,575	57,475	1,523	59,001	-1.9
July	17,708	24,021	7,387	7,690	56,806	1,451	58,261	-1.6
August	18,303	25,010	8,235	9,089	60,636	1,528	62,168	0.3
September	17,424	24,019	9,123	10,045	60,611	1,513	62,128	-1.3
October	18,111	25,001	9,566	10,301	62,979	1,607	64,589	-1.7
November	17,951	24,425	8,798	9,430	60,605	1,826	62,433	-2.5
December	18,554	25,327	8,408	8,996	61,285	1,740	63,028	-2.3
2012								
January	18,050	24,747	9,032	9,827	61,656	1,593	63,249	-2.1
February	16,615	22,359	8,571	9,377	56,922	1,569	58,490	-0.7
March	18,255	24,659	9,349	10,032	62,295	1,695	63,990	-3.1
April	17,279	23,171	8,506	9,088	58,045	1,611	59,656	-2.6
May	17,541	23,336	8,984	9,630	59,491	1,633	61,125	-3.0
June	17,462	23,126	7,560	7,534	55,681	1,547	57,229	-3.0
July	17,967	23,826	7,140	7,099	56,032	1,563	57,595	-1.1
August	18,416	24,656	8,471	8,554	60,098	1,630	61,728	-0.7
September	17,157	23,008	8,728	9,230	58,123	1,460	59,583	-4.1
October	18,526	25,103	9,624	10,216	63,469	1,719	65,187	0.9
November	17,722	24,194	8,587	9,027	59,531	1,832	61,364	-1.7
December	18,490	25,422	8,009	8,557	60,479	1,761	62,240	-1.2

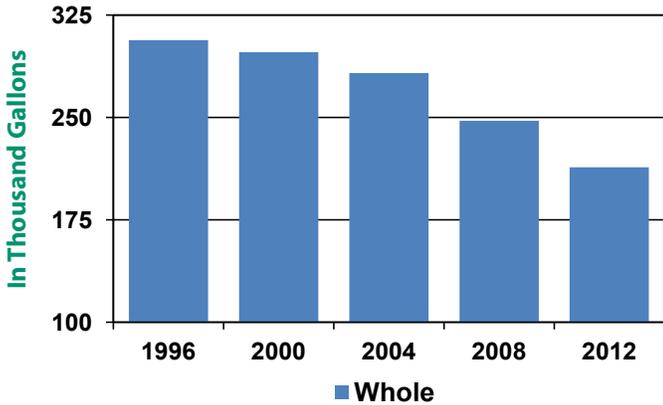
¹ Monthly totals may not add up to annual totals due to rounding.



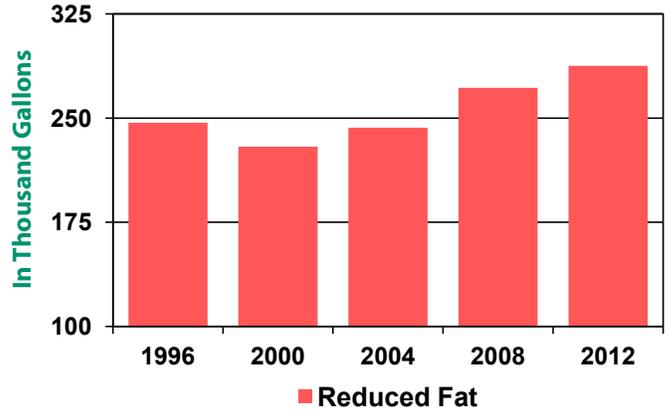
Class 1 Sales: A Comparison, 1996-2012

The charts below display a breakdown of the California Class 1 Sales of the four types of milk, 1996-2012.

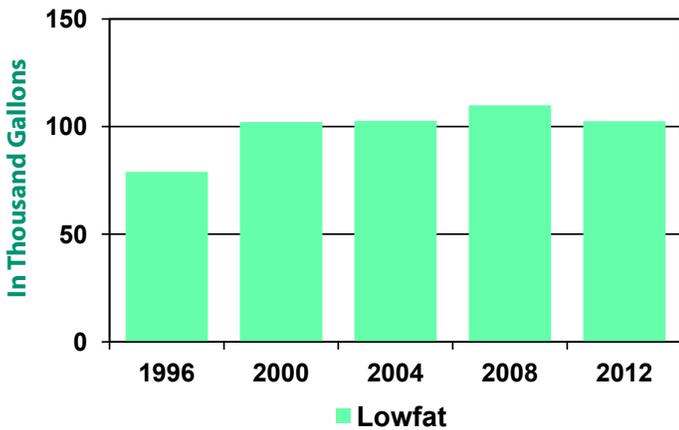
Whole Milk



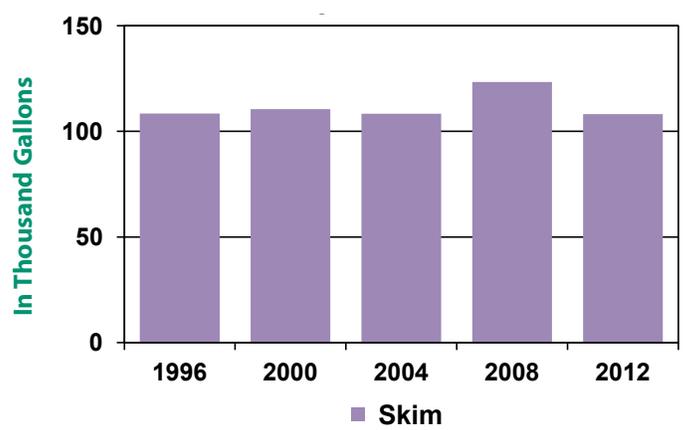
Reduced Fat Milk



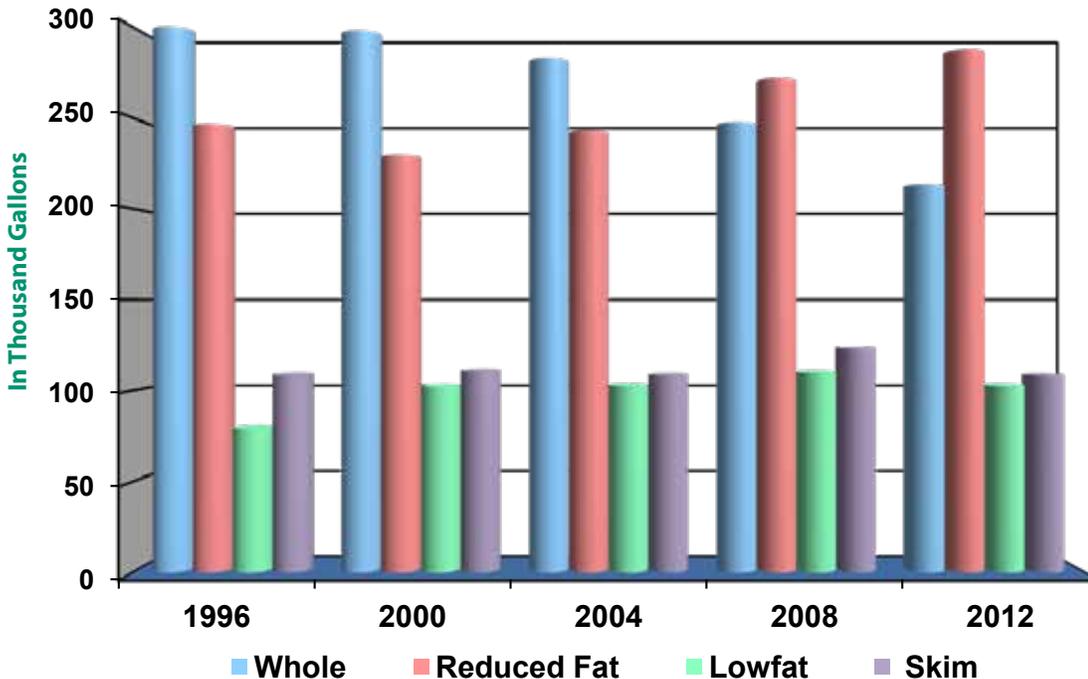
Lowfat Milk



Skim Milk



California Class 1 Sales: Whole, Reduced Fat, Lowfat, and Skim, 1996-2012

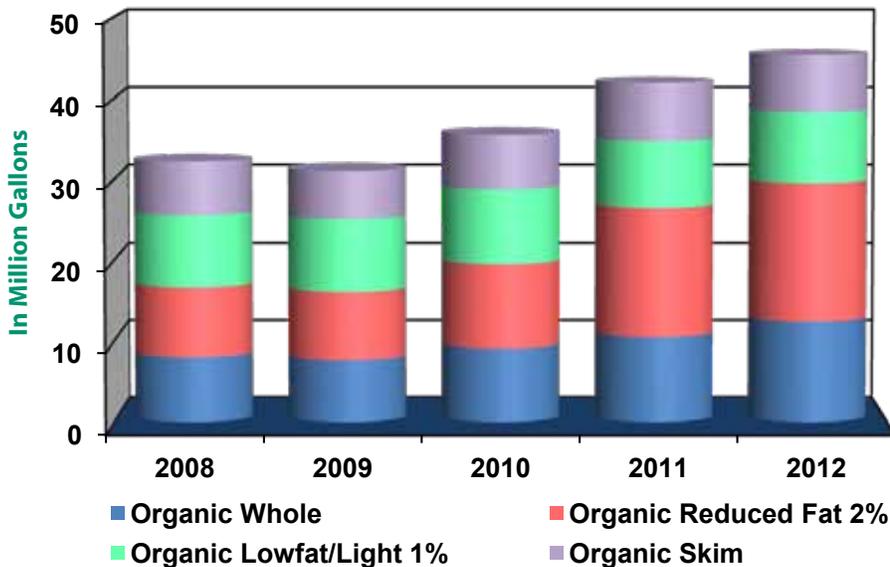


As the chart displays, whole milk has shown a steady decline while reduced fat milk has become the leader in packaged fluid milk sales. In 2012, together, lowfat and skim milks accounted for 29 percent of the packaged fluid milk sales.



Class 1 Sales: Organic and Flavored Milks, A Comparison

The charts below display a comparison of Class 1 Sales of Flavored Milks and Organic Milks, 2008-2012.

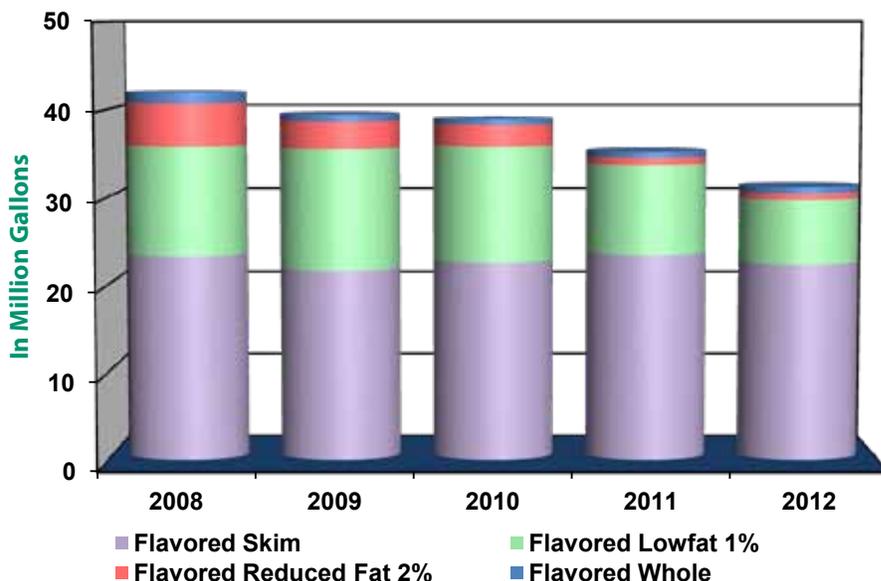


Organic Whole, Reduced Fat, Lowfat and Skim Milk Class 1 Sales, 2008-2012

Overall, production of packaged organic fluid milk continues to grow, with reduced fat organic milk showing the largest growth in sales.

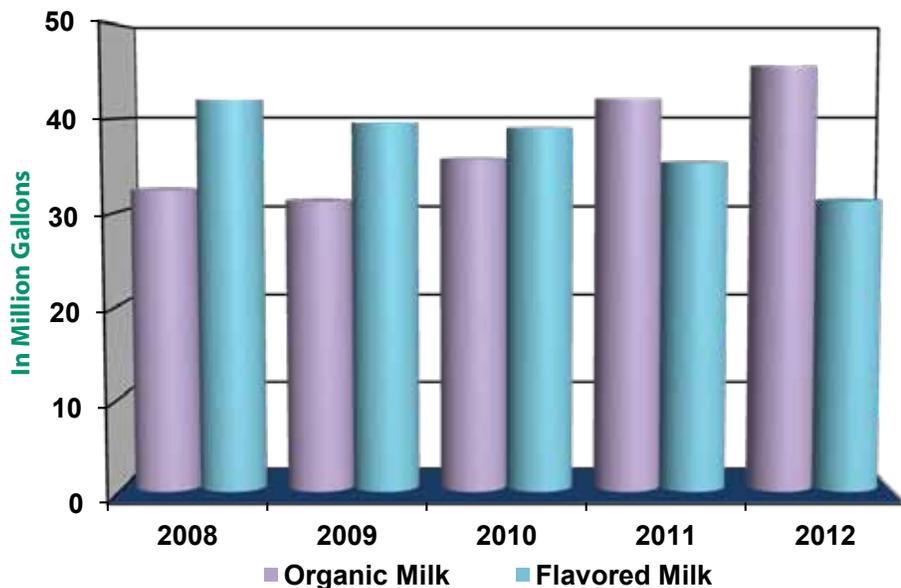
Flavored Whole, Reduced Fat, Lowfat and Skim Milk Class 1 Sales, 2008-2012

Overall production of packaged flavored milk continues to show a steady decline. Flavored skim milk has shown steady sales over the five years, while whole, reduced fat and lowfat flavored milks all showed a decline in sales.



Class 1 Sales of Organic and Flavored Milks, A Comparison, 2008-2012

Over the past five years, flavored milk sales have shown a steady decline while organic milk sales have shown steady growth. In 2012, organic and flavored milks combined accounted for 10 percent of the total packaged fluid milk sales.





Fluid Milk Sales Container Survey, October 2012

Sales of Market Whole, Reduced Fat, Lowfat, and Skim Milks - October 2012
 Reported In Number of Units Sold and Percent of Total Class 1 Sales In October 2012

CONTAINER SIZE & CHARACTERISTIC		TOTAL NUMBER OF UNITS SOLD BY CONTAINER SIZE	PERCENT OF TOTAL CLASS 1 SALES UNITS SOLD CONVERTED TO GALLONS
6 Gallon	Bag	66,828	0.62%
	Plastic	6,362	0.06%
TOTAL 6 GALLON		73,190	0.68%
5 Gallon	Bag	10,173	0.08%
	Plastic	0	0.00%
TOTAL 5 GALLON		10,173	0.08%
1 Gallon	Glass	0	0.00%
	Paper	14,164	0.02%
	Plastic	44,103,343	68.40%
TOTAL 1 GALLON		44,117,507	68.42%
1/2 Gallon	Glass	133,666	0.10%
	Paper	11,365,826	8.81%
	Plastic	9,357,124	7.26%
TOTAL 1/2 GALLON		20,856,616	16.17%
Quart	Glass	161,322	0.06%
	Paper	4,134,541	1.60%
	Plastic	2,200,772	0.85%
TOTAL 1 QUART		6,496,635	2.52%
Pint	Paper	926,611	0.18%
	Plastic	2,302,904	0.45%
TOTAL 1 PINT		3,229,515	0.63%
1/3 Quart	Paper	1,009,110	0.13%
	Plastic	306,681	0.04%
TOTAL 1/3 QUART		1,315,791	0.17%
1/2 Pint	Paper	84,232,408	8.16%
	Plastic	4,681,733	0.45%
TOTAL 1/2 PINT		88,914,141	8.62%
4 Oz. Pouch	Paper	2,167,413	0.11%
	Plastic	85,260	0.00%
TOTAL 4 OZ.		2,252,673	0.11%
8 Oz. Pouch	Paper	3,080,016	0.30%
	Plastic	10,956,662	1.06%
TOTAL 8 OZ.		14,036,678	1.36%
12 Ounces	Paper	1,654	0.00%
	Plastic	300,839	0.04%
TOTAL 12 OZ.		302,493	0.04%
13.5 or 14 Ounces	Paper	125,817	0.02%
	Plastic	360,671	0.06%
TOTAL 14 OZ.		486,488	0.08%
OTHER SIZES			
300 Gal	Totes	576	0.27%
5 Ltr	Bag	29,528	0.06%
20 oz.	Bag	54,060	0.01%
96 oz.	Plastic	538,128	0.63%
2.5 Gal	Bag	39,372	0.15%
TOTAL OTHER SIZE UNITS		661,664	1.12%

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.





Average Retail Prices

U.S. Monthly Average Retail Prices for Whole Milk in 2012 (Weighted Average Prices in Dollars Per Gallon)

City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Weighted Average Prices in Dollars Per Gallon												
Albany	3.28	3.25	3.26	3.24	3.24	3.24	3.26	3.30	3.34	3.42	3.54	3.53
Atlanta	3.40	3.32	3.32	3.33	3.31	3.33	3.30	3.20	3.29	3.41	3.47	3.54
Baltimore	3.87	3.90	3.88	3.81	3.68	3.76	3.76	3.72	3.74	3.73	3.78	3.76
Birmingham	3.88	3.84	3.77	3.74	3.72	3.72	3.71	3.67	3.71	3.80	3.85	3.91
Boston	3.29	3.28	3.25	3.16	3.10	3.06	3.07	3.09	3.08	3.09	3.17	3.11
Buffalo/Rochester	2.69	2.67	2.67	2.70	2.70	2.56	2.55	2.57	2.58	2.58	2.68	2.70
Charlotte	3.78	3.81	3.74	3.73	3.65	3.66	3.54	3.57	3.60	3.66	3.83	3.82
Chicago	3.14	3.06	2.95	2.92	2.95	2.91	2.82	2.86	2.82	2.80	2.92	3.02
Cincinnati	2.89	2.72	2.68	2.73	2.78	2.72	2.84	2.60	2.78	2.68	2.78	2.80
Cleveland	3.13	3.18	3.10	3.03	3.02	2.95	2.95	2.97	2.93	2.98	3.05	3.18
Columbus	3.00	2.81	2.85	2.80	2.79	2.74	2.74	2.71	2.78	2.82	2.84	2.90
Dallas	2.95	2.96	3.02	3.00	2.97	2.98	2.93	2.98	3.04	3.06	3.17	3.17
Denver	2.93	2.83	2.88	2.90	2.92	2.87	2.98	2.86	3.03	2.96	3.14	3.13
Des Moines	3.96	3.87	3.82	3.77	3.73	3.66	3.60	3.64	3.70	3.84	3.97	4.04
Detroit	2.76	2.72	2.72	2.73	2.75	2.73	2.70	2.71	2.74	2.81	2.85	2.82
Grand Rapids	2.95	2.94	2.88	2.80	2.78	2.74	2.77	2.75	2.83	2.86	2.93	2.91
Greenville	N/A	N/A	N/A	N/A	3.60	3.62	3.52	3.54	3.54	3.57	3.85	3.85
Hartford-New Haven	3.81	3.82	3.67	3.69	3.63	3.63	3.72	3.73	3.77	3.80	3.89	3.80
Houston	3.38	3.46	3.44	3.42	3.48	3.43	3.43	3.21	3.29	3.29	3.39	3.49
Indianapolis	3.03	2.97	2.96	2.88	2.90	2.89	2.92	2.91	2.96	2.91	3.04	3.09
Jacksonville	3.71	3.71	3.56	3.59	3.63	3.65	3.54	3.58	3.68	3.75	3.83	3.95
Kansas City	4.08	3.95	3.94	3.88	3.85	3.82	3.81	3.84	3.94	4.02	4.12	4.17
Las Vegas	3.25	3.18	3.12	3.07	3.06	3.03	2.97	2.93	2.96	2.98	3.25	3.23
Little Rock	4.02	3.99	3.94	3.89	3.83	3.79	3.71	3.72	3.79	3.81	3.94	4.10
Los Angeles	3.48	3.49	3.37	3.27	3.30	3.31	3.29	3.25	3.35	3.37	3.60	3.61
Louisville	2.97	2.88	2.87	2.86	2.82	2.75	2.75	2.83	2.79	2.97	3.13	3.07
Memphis	3.57	3.52	3.44	3.38	3.29	3.24	3.24	3.23	3.37	3.38	3.49	3.56
Miami	3.88	3.80	3.72	3.68	3.70	3.69	3.65	3.67	3.70	3.79	3.87	3.98
Milwaukee	3.51	3.43	3.25	3.38	3.46	3.36	3.40	3.48	3.44	3.43	3.57	3.63
Minneapolis	3.61	3.59	3.55	3.54	3.47	3.47	3.45	3.47	3.42	3.59	3.78	3.80
Nashville	3.46	3.39	3.33	3.32	3.35	3.29	3.29	3.38	3.39	3.46	3.55	3.54
New Orleans-Mobile	4.43	4.40	4.28	4.29	4.27	4.26	4.20	4.22	4.30	4.25	4.33	4.40
New York	4.07	4.02	3.87	3.88	3.88	3.86	3.84	3.91	3.97	4.00	4.05	4.09
Oklahoma City-Tulsa	4.03	3.98	3.92	3.91	3.90	3.88	3.87	3.87	3.95	4.05	4.21	4.26
Omaha	3.69	3.52	3.52	3.47	3.38	3.32	3.47	3.50	3.48	3.66	3.81	3.69
Orlando	3.81	3.77	3.65	3.63	3.61	3.59	3.52	3.53	3.57	3.70	3.77	3.86
Philadelphia	4.12	3.97	3.94	3.90	3.89	3.84	3.81	3.88	3.93	4.00	4.12	4.19
Phoenix	2.47	2.44	2.36	2.45	2.43	2.36	2.21	2.39	2.47	2.40	2.41	2.55
Pittsburgh	3.88	3.70	3.68	3.67	3.71	3.66	3.65	3.65	3.76	3.87	3.97	4.00
Portland	3.14	3.09	3.07	3.08	3.11	3.07	3.10	3.16	3.20	3.25	3.34	3.23
Raleigh-Durham	3.72	3.68	3.59	3.59	3.62	3.68	3.52	3.52	3.66	3.67	3.81	3.77
Richmond- Norfolk	3.81	3.69	3.55	3.47	3.48	3.43	3.41	3.44	3.49	3.63	3.73	3.76
Sacramento	3.62	3.59	3.53	3.47	3.49	3.49	3.53	3.53	3.62	3.71	3.95	4.00
Salt Lake City-Boise	2.86	2.82	2.76	2.83	2.77	2.71	2.63	2.67	2.85	3.00	3.10	3.09
San Antonio	3.49	3.51	3.50	3.53	N/A							
San Diego	3.61	3.57	3.52	3.44	3.44	3.41	3.42	3.42	3.49	3.52	3.72	3.75
San Francisco	3.85	3.84	3.84	3.80	3.81	3.80	3.82	3.87	3.92	3.98	4.19	4.21
Seattle	3.11	3.07	3.03	3.02	3.01	3.01	3.04	3.10	3.15	3.19	3.35	3.23
St Louis	3.64	3.70	3.64	3.61	3.56	3.58	3.53	3.49	3.44	3.58	3.69	3.69
Syracuse	2.99	2.98	2.99	2.92	2.86	2.83	2.86	2.89	2.91	2.97	3.09	3.11
Tampa	3.82	3.78	3.67	3.60	3.53	3.51	3.47	3.44	3.49	3.60	3.64	3.79
Washington DC	4.00	3.97	3.94	3.89	3.88	3.83	3.81	3.79	3.81	3.86	3.91	3.95
West Texas	3.48	3.29	3.20	3.21	3.11	3.19	3.05	3.09	3.02	3.24	3.27	3.41
Total US	3.49	3.44	3.38	3.37	3.36	3.33	3.31	3.31	3.37	3.42	3.53	3.56

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.

Class 1 Sales, by Marketing Area

Sales of Selected Class 1 Products in California, by Marketing Area, 2008-2012

Products & Marketing Areas	SALES				
	2008	2009	2010	2011	2012
	<i>Gallons</i>				
Whole Milk					
Northern California	100,655,622	99,227,058	90,898,758	89,850,743	88,148,927
Southern California	146,962,060	142,919,750	134,275,119	125,275,076	125,332,264
State Total	247,617,682	242,146,808	225,173,877	215,125,819	213,481,191
Reduced Fat Milk					
Northern California	111,459,305	112,315,312	115,754,227	122,944,022	122,229,956
Southern California	160,260,598	166,336,483	170,662,146	167,627,068	165,378,156
State Total	271,719,903	278,651,795	286,416,373	290,571,090	287,608,112
Lowfat/Light Milk					
Northern California	54,917,419	55,948,637	54,226,129	50,393,394	45,376,019
Southern California	54,929,521	56,775,534	56,665,979	55,324,020	57,185,912
State Total	109,846,940	112,724,171	110,892,108	105,717,414	102,561,931
Skim/Nonfat/Fat Free Milk					
Northern California	48,951,310	47,667,248	47,278,266	49,497,509	49,763,051
Southern California	74,397,614	70,983,246	69,394,847	65,536,786	58,407,887
State Total	122,718,103	118,650,494	116,673,113	115,034,295	108,170,938
Beverage Milks Subtotal					
Northern California	315,983,656	315,158,255	308,157,380	312,685,668	305,517,953
Southern California	436,549,793	437,015,013	430,998,091	413,762,950	406,304,219
State Total	752,533,449	752,173,268	739,155,471	726,448,618	711,822,172
Half-and-Half					
Northern California	8,204,328	8,255,892	8,184,168	8,859,578	9,223,516
Southern California	9,396,064	9,594,044	10,383,676	10,117,158	10,390,422
State Total	17,600,392	17,849,936	18,567,844	18,976,736	19,613,938
TOTAL CLASS 1					
Northern California	324,187,984	323,414,147	316,341,548	321,545,246	314,741,469
Southern California	445,945,857	446,609,057	441,381,767	423,880,108	416,694,641
STATE TOTALS	770,133,841	770,023,204	757,723,315	745,425,354	731,436,110



Manufacture of Dairy Products: Class 2 Production

Class 2 (Soft Dairy Products):

Comparing annual production for 2012 to 2011: total cottage cheese production increased 6.0 percent; yogurt production decreased 6.3 percent; sour cream and sour cream dressing production increased by 3.3 percent, buttermilk production increased 7.6 percent; other cream production decreased 0.4 percent; and manufacturing cream increased 2.3 percent.

Production of Class 2 Products in California, 2008-2012

Month	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
Total Cottage Cheese						Buttermilk				
	<i>Pounds</i>					<i>Gallons</i>				
Jan	8,698,249	7,572,430	7,103,433	7,325,422	10,683,820	1,009,857	753,597	571,987	598,448	637,083
Feb	7,923,432	7,208,452	6,781,419	7,013,677	8,961,120	732,651	662,561	550,742	586,864	627,487
Mar	8,055,771	7,833,499	8,391,433	8,561,432	8,725,179	1,040,265	801,916	653,675	712,032	732,984
Apr	8,953,317	8,134,710	7,568,407	7,743,783	8,889,198	719,063	715,780	645,583	616,160	653,644
May	9,017,234	7,273,797	7,213,522	9,517,869	10,930,821	984,378	755,763	611,200	651,801	699,556
Jun	8,452,387	7,551,526	8,337,020	10,820,374	8,815,577	884,159	718,747	600,694	634,009	645,236
Jul	8,836,475	7,395,313	7,995,476	8,537,106	9,121,441	833,163	714,682	607,596	616,850	670,803
Aug	8,032,599	7,639,867	6,840,562	8,032,921	9,856,554	840,675	603,348	662,706	671,852	708,256
Sep	8,235,165	8,189,752	7,399,059	8,408,200	8,071,834	685,430	674,395	624,094	658,954	671,160
Oct	8,729,678	7,142,126	6,345,739	8,108,161	8,821,996	730,063	613,999	624,080	646,442	716,542
Nov	6,931,554	6,912,119	6,746,624	9,640,501	7,279,304	732,628	662,956	698,849	636,219	764,392
Dec	7,663,037	6,956,239	6,752,421	7,312,161	6,944,726	795,009	742,598	631,395	659,181	744,250
Total	99,528,898	89,809,830	87,475,115	101,021,607	107,101,570	9,987,341	8,420,342	7,482,601	7,688,812	8,271,393
Manufacturing Cream						Yogurt Production				
	<i>Gallons</i>					<i>Pounds</i>				
Jan	4,059,681	3,659,112	2,892,826	3,066,502	3,278,807	49,726,963	47,339,733	52,627,781	54,728,613	57,612,829
Feb	4,468,373	3,663,581	2,826,174	2,826,035	3,259,371	51,220,967	51,406,320	47,410,924	54,679,139	51,482,688
Mar	4,057,702	3,846,430	3,409,180	3,375,096	3,597,775	49,517,215	57,763,507	63,992,856	58,158,850	50,383,579
Apr	4,164,674	4,188,550	3,508,248	3,559,745	3,173,270	45,791,693	54,055,702	54,669,427	50,162,530	47,366,655
May	3,939,432	4,117,090	3,921,999	3,446,595	3,455,786	49,844,377	50,471,448	55,841,652	50,587,305	46,517,030
Jun	3,921,928	4,154,846	3,889,851	3,541,799	3,238,819	45,675,198	53,849,231	60,226,165	52,789,178	44,982,741
Jul	3,610,215	3,958,249	3,632,527	3,563,549	3,899,178	51,548,470	49,892,166	54,428,091	51,893,579	51,085,563
Aug	3,605,172	4,310,299	4,152,633	4,061,851	4,289,740	50,038,772	54,626,323	54,847,984	58,527,850	51,666,097
Sep	3,745,419	3,835,448	3,782,662	3,400,323	3,673,914	49,181,726	58,273,384	60,355,600	54,850,417	48,844,265
Oct	4,009,986	4,135,451	3,540,946	3,953,919	3,962,075	55,957,677	51,585,062	49,313,324	51,670,902	51,483,256
Nov	3,612,962	4,264,488	3,763,073	3,654,199	3,864,055	35,209,119	44,551,483	46,967,211	45,920,297	43,839,728
Dec	3,549,614	3,933,716	3,586,279	3,419,061	3,142,091	48,055,514	46,357,622	48,305,113	42,779,189	42,017,717
Total	46,745,158	48,067,260	42,906,398	41,868,674	42,834,881	581,767,691	620,171,981	648,986,128	626,747,849	587,282,148
Sour Cream & Sour Cream Dressing						Other Cream				
	<i>Gallons</i>					<i>Gallons</i>				
Jan	1,623,307	1,603,247	1,614,600	1,610,350	1,915,157	1,584,602	1,584,784	1,430,359	1,661,581	1,948,286
Feb	1,522,296	1,592,344	1,511,325	1,603,102	1,811,287	1,559,309	1,567,047	1,327,553	1,849,273	2,011,011
Mar	1,676,671	1,769,244	1,959,036	1,853,117	1,914,988	1,636,606	1,840,661	1,849,267	2,488,522	2,522,091
Apr	1,590,140	1,784,754	1,687,880	1,777,932	1,780,798	1,810,870	1,818,339	2,254,467	2,008,831	2,220,304
May	1,767,384	1,579,572	1,714,901	1,891,041	2,053,691	1,842,569	1,867,040	2,344,689	2,132,170	2,282,347
Jun	1,655,617	1,702,211	1,710,599	2,042,992	1,785,279	2,126,686	1,971,430	2,248,888	2,695,022	2,042,297
Jul	1,557,448	1,682,881	1,612,724	1,725,687	1,750,999	2,013,560	2,054,538	2,194,150	2,388,743	2,185,837
Aug	1,602,192	1,668,983	1,634,311	1,822,389	1,984,295	1,870,814	1,990,396	2,279,513	2,130,935	2,451,274
Sep	1,571,246	1,696,032	1,681,188	1,654,562	1,733,262	1,751,431	1,938,337	2,333,588	2,315,280	2,285,911
Oct	1,896,787	1,712,923	1,603,546	1,722,896	1,894,090	2,155,602	2,234,650	2,284,653	2,518,936	2,691,724
Nov	1,841,837	1,924,194	1,953,674	2,209,911	2,184,654	2,037,768	2,440,457	2,235,338	2,523,402	2,148,429
Dec	1,947,581	1,947,829	1,882,782	1,861,388	1,682,019	2,045,440	1,894,584	2,071,430	2,156,983	1,977,073
Total	20,252,506	20,664,214	20,566,566	21,775,367	22,490,519	22,435,257	23,202,263	24,853,895	26,869,678	26,766,584



Manufacture of Dairy Products: Class 3 Production

Class 3 (Frozen Dairy Products):

For 2012, total frozen production decreased 4.2 percent to 167.5 million gallons.

Production of Class 3 Products in California, 2008-2012

Month	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
Ice Cream					Ice Milk ¹					
Gallons					Gallons					
Jan	7,809,460	7,781,673	9,025,083	10,497,703	7,397,710	1,270,887	1,162,566	1,085,781	1,132,935	1,216,767
Feb	10,393,902	10,632,002	10,123,418	11,233,814	10,532,553	1,232,732	1,104,875	1,313,606	1,292,515	1,359,859
Mar	12,671,702	12,571,916	13,600,217	11,836,124	11,974,821	1,664,407	1,673,455	1,846,707	1,653,396	1,734,698
Apr	12,658,486	12,975,510	13,785,423	12,046,085	11,443,644	1,581,708	1,662,014	1,851,771	1,736,150	1,953,753
May	12,540,816	15,049,172	13,342,169	11,904,712	12,736,760	1,748,349	1,584,777	1,670,875	1,780,763	2,254,132
Jun	15,234,607	15,618,865	14,489,589	12,395,520	13,041,664	1,792,080	1,702,290	1,969,476	1,902,698	2,118,496
Jul	12,482,151	14,990,498	13,767,283	13,674,804	12,975,111	1,897,251	1,780,894	1,978,452	1,890,834	2,216,496
Aug	10,956,465	14,823,467	11,882,238	15,170,373	13,563,502	1,715,314	1,565,218	1,761,736	1,752,338	2,098,577
Sep	11,742,147	13,593,637	13,087,476	12,988,925	9,410,000	1,428,802	1,448,430	1,449,086	1,484,823	1,657,070
Oct	9,979,414	12,449,059	9,250,909	11,417,603	11,631,312	1,382,559	1,250,165	1,329,903	1,284,971	1,573,672
Nov	9,054,266	7,709,290	7,686,334	10,270,209	9,462,892	1,184,093	1,046,738	1,213,681	1,105,566	1,174,114
Dec	7,262,637	8,162,986	6,535,890	8,699,265	7,149,434	1,065,776	1,142,152	1,030,629	1,109,161	1,139,529
Total	132,786,053	146,358,076	136,576,029	142,135,136	131,319,404	17,963,958	17,123,572	18,501,703	18,126,150	20,497,162
Sherbet					Total Frozen Products					
Gallons					Gallons					
Jan	181,767	142,733	194,565	218,433	224,502	9,848,238	9,625,550	10,887,820	12,477,649	9,786,197
Feb	201,190	348,982	199,043	222,178	279,901	12,504,980	12,848,204	12,369,437	13,757,217	13,358,181
Mar	410,876	266,512	447,299	360,983	357,442	15,721,434	15,522,600	16,981,287	15,106,897	15,153,149
Apr	486,006	434,860	515,682	289,148	363,688	15,697,494	15,997,195	17,191,444	14,989,363	14,919,004
May	444,031	485,591	475,545	475,198	339,923	15,895,999	17,998,499	16,625,045	15,133,927	16,465,386
Jun	539,629	540,011	516,624	355,655	348,421	18,627,864	18,844,853	18,131,535	15,784,124	16,738,854
Jul	403,337	489,314	426,370	318,868	335,763	15,756,335	18,291,957	17,212,547	16,891,925	16,654,623
Aug	360,582	517,861	442,178	423,967	401,721	13,975,482	17,816,162	15,160,764	18,791,132	17,341,599
Sep	362,103	338,911	290,458	259,978	393,201	14,390,445	16,315,682	15,845,107	15,563,692	12,499,372
Oct	304,064	340,015	286,098	232,893	255,310	12,318,290	14,715,163	11,568,326	13,672,739	14,221,060
Nov	186,340	155,738	124,549	192,126	252,305	11,248,097	9,456,602	9,741,168	12,215,000	11,409,356
Dec	208,596	144,316	198,442	100,887	110,164	8,982,974	9,961,136	8,304,278	10,369,107	8,951,654
Total	4,088,521	4,204,844	4,116,853	3,450,314	3,662,341	164,967,632	177,393,605	170,018,757	174,752,771	167,498,435

¹ Includes Light Dairy Dessert and Nonfat Ice Cream.



Manufacture of Dairy Products: Class 4a/4b Production

Class 4a (Butter and Nonfat Dry Milk):

Butter production was up in 2012, showing a 5.1 percent increase to 654.2 million pounds. Nonfat dry milk production showed a 9.3 percent increase in production to 830.8 million pounds.

Production of Class 4a and 4b Products in California, 2008-2012

Month	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
Butter						Nonfat Dry Milk for Human Consumption ¹				
Class 4a Production										
	Pounds					Pounds				
Jan	50,592,341	51,887,755	54,653,875	53,995,583	62,657,248	57,288,024	85,739,163	72,447,112	61,131,366	74,308,714
Feb	43,859,521	43,669,854	49,362,109	49,750,566	59,317,188	61,633,275	68,567,938	64,685,890	52,404,093	88,862,095
Mar	49,114,701	46,773,602	51,836,895	55,984,662	64,209,045	69,100,373	74,990,484	74,116,668	65,164,479	101,173,690
Apr	48,369,193	45,673,208	48,322,516	54,705,032	59,805,885	66,855,636	69,513,872	84,449,114	74,914,894	91,214,449
May	48,200,544	43,029,040	47,597,861	56,274,914	59,734,390	64,429,400	75,656,866	84,861,585	72,636,698	97,752,339
Jun	44,133,554	40,075,123	44,274,347	51,776,140	54,214,253	70,018,584	71,856,867	70,284,074	70,219,406	81,271,623
Jul	41,959,963	37,597,367	41,646,476	47,366,014	49,700,968	67,021,416	68,837,104	68,033,570	62,325,181	62,608,649
Aug	43,830,033	37,613,268	39,205,667	46,244,422	44,920,853	75,327,458	68,764,636	74,251,686	59,720,292	42,244,848
Sep	41,915,336	36,732,213	39,456,590	45,581,823	46,509,319	55,078,670	57,665,768	69,676,325	54,982,851	40,409,937
Oct	44,401,215	41,871,625	42,394,703	50,199,823	47,744,553	74,872,141	63,174,473	69,058,769	53,145,322	38,490,865
Nov	45,742,199	44,961,343	44,719,780	52,441,213	48,325,154	72,402,262	59,721,251	72,795,879	61,110,491	46,585,076
Dec	53,382,597	50,405,167	53,623,772	58,086,501	57,056,644	85,156,234	67,810,781	72,698,945	72,407,873	65,886,631
Total	555,501,197	520,289,565	557,094,591	622,406,693	654,195,500	819,183,473	832,299,203	877,359,617	760,162,946	830,808,916
Dry Buttermilk						Condensed Skim & Evaporated				
	Pounds					Pounds				
Jan	2,048,370	1,937,321	4,479,525	4,823,489	5,453,275	116,538,851	87,353,389	74,906,791	81,286,546	81,356,486
Feb	1,797,247	2,231,625	3,939,963	4,119,317	5,153,044	110,226,737	85,848,687	71,841,153	83,500,330	79,114,776
Mar	1,794,269	2,022,684	4,386,724	4,755,920	5,728,278	122,912,063	103,546,403	79,769,036	99,250,745	91,465,786
Apr	2,649,856	2,098,713	4,008,965	4,553,231	4,914,517	127,709,639	111,130,557	82,350,951	98,020,843	92,985,879
May	3,686,254	2,293,901	3,836,160	4,747,400	4,465,065	127,659,108	101,906,510	88,897,868	97,394,388	93,000,485
Jun	3,587,816	3,530,358	3,542,054	4,674,650	4,142,445	123,404,917	92,886,061	91,879,693	94,851,966	84,820,215
Jul	3,348,593	2,925,136	3,474,628	4,073,429	4,127,171	119,513,573	86,916,406	94,867,850	93,364,003	90,866,279
Aug	3,635,255	3,170,931	3,080,186	4,149,809	4,003,957	113,885,421	100,003,531	106,214,486	93,607,352	95,397,540
Sep	3,313,615	3,159,877	3,294,581	4,059,011	3,720,829	102,327,713	95,391,104	100,555,922	85,148,681	85,525,269
Oct	3,897,452	3,382,383	3,478,602	4,023,714	4,215,304	104,250,437	90,851,439	98,770,448	90,003,274	97,574,490
Nov	3,627,095	3,615,124	3,722,526	4,405,001	4,211,505	94,967,980	88,006,895	85,492,520	75,723,662	81,018,887
Dec	1,781,009	4,134,763	4,394,914	5,017,297	5,025,807	91,849,226	75,124,863	73,953,225	65,700,714	71,475,966
Total	35,166,831	34,502,816	45,638,828	53,402,268	55,161,197	1,355,245,665	1,118,965,845	1,049,499,943	1,057,852,504	1,044,602,058
Class 4b Production										
Whey Protein Concentrate (Human & Isolates)						Lactose Powders (Human and Animal)				
	Pounds					Pounds				
Jan	10,748,924	10,574,710	9,466,247	8,732,269	9,968,793	19,134,444	19,295,475	20,985,279	26,525,972	29,192,401
Feb	10,483,616	9,294,440	8,343,796	7,808,901	9,187,162	17,938,775	15,088,580	20,746,765	24,414,527	27,322,117
Mar	11,505,496	10,097,780	9,180,695	8,850,363	10,614,443	19,299,585	17,276,441	23,590,973	28,024,309	28,690,399
Apr	10,424,401	8,668,100	9,477,236	8,328,965	9,964,407	18,523,280	16,470,312	23,403,351	27,046,858	28,802,063
May	11,854,432	9,298,805	8,928,985	8,680,555	8,998,590	19,167,094	18,051,601	24,661,740	29,041,022	28,809,559
Jun	11,871,407	9,371,532	8,874,888	8,241,984	11,426,964	18,024,241	17,417,394	25,785,070	28,467,857	29,115,395
Jul	11,862,260	9,510,708	9,265,543	8,478,922	10,254,705	18,771,781	17,565,647	26,980,126	28,908,321	29,784,324
Aug	11,156,448	9,629,846	8,564,994	8,327,846	8,688,399	18,867,281	17,386,878	26,937,613	28,241,073	27,465,654
Sep	10,609,103	9,115,829	9,081,714	8,473,719	9,525,682	18,516,478	15,828,303	26,306,074	27,488,722	27,796,631
Oct	11,813,098	9,566,410	8,772,112	9,096,691	9,049,326	19,243,597	18,596,326	24,706,690	27,516,291	26,323,416
Nov	11,004,567	8,183,856	7,995,092	8,719,200	9,385,656	18,032,656	18,223,943	26,545,142	27,169,683	26,499,917
Dec	11,804,682	8,616,101	8,597,203	11,727,016	9,868,715	18,559,729	20,858,387	26,947,195	27,979,007	29,401,159
Total	135,138,434	111,928,117	106,548,505	105,466,431	116,932,842	224,078,941	212,059,287	297,596,018	330,823,642	339,203,035

¹ 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.

Manufacture of Dairy Products: Class 4b Production

Class 4b (Cheese and Whey Byproducts):

The year 2012 showed a slight 0.1 percent increase in total cheese production to 2.25 billion pounds. The shares of total cheese production were: Mozzarella at 58.1 percent (up 0.1 percent), Cheddar at 14.5 percent (up 1.4 percent), Monterey at 12.1 percent (down 0.7 percent), Hispanic at 5.0 percent (down 0.2 percent). Provolone and Parmesan cheeses accounted for 4.8 percent of total cheese production.

Production of Class 4b Products in California, 2008-2012

Month	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
Monterey Jack Cheese						Cheddar Cheese				
	Pounds					Pounds				
Jan	24,564,891	22,546,102	23,492,941	20,306,568	22,664,692	32,341,978	33,111,189	29,671,140	29,820,982	29,103,331
Feb	22,519,144	24,375,253	19,797,083	20,099,145	21,848,381	30,464,194	25,338,147	27,068,189	24,875,394	25,154,806
Mar	24,306,311	24,981,852	22,424,525	25,253,864	24,282,318	32,856,643	31,339,570	30,538,280	25,279,864	27,630,738
Apr	23,632,768	24,267,953	24,260,294	22,963,273	22,697,149	31,935,877	32,380,561	27,064,593	26,916,904	27,436,467
May	24,831,275	24,591,592	23,478,401	22,923,933	21,118,884	33,074,399	34,007,394	29,226,162	28,322,053	29,285,953
Jun	21,674,076	21,625,531	19,920,969	21,464,708	23,236,619	31,133,530	33,583,342	31,787,674	27,472,916	25,556,193
Jul	22,787,902	22,016,927	25,115,882	23,177,685	22,385,589	33,712,433	30,060,800	27,313,353	26,411,830	25,777,053
Aug	25,821,116	22,172,017	24,047,976	22,627,383	22,133,057	28,470,304	30,021,705	27,547,913	27,782,527	26,944,368
Sep	27,094,071	22,525,128	24,259,422	21,982,640	23,811,640	26,271,253	28,510,617	23,702,840	25,242,677	24,021,606
Oct	27,133,232	23,638,731	22,372,236	26,292,605	23,593,064	30,213,318	29,777,773	27,171,527	24,481,068	25,897,979
Nov	25,418,727	23,110,415	22,637,564	23,436,302	23,194,204	30,502,345	24,741,789	26,395,986	26,172,245	26,345,223
Dec	22,587,347	23,618,045	23,226,467	22,343,878	19,945,529	34,141,419	30,624,351	27,808,287	27,785,424	31,999,818
Total	292,370,860	279,469,546	275,033,760	272,871,984	270,911,126	375,117,693	363,497,238	335,295,944	320,563,884	325,153,535
Mozzarella Cheese						Provolone				
	Pounds					Pounds				
Jan	97,418,310	91,831,717	97,658,336	111,618,493	114,154,040	3,610,809	4,104,780	3,295,872	3,754,227	4,824,484
Feb	91,292,659	84,801,757	90,194,149	101,347,559	109,222,194	3,511,158	3,378,444	3,887,441	4,079,552	4,398,769
Mar	95,584,075	95,485,403	104,771,802	112,700,932	115,624,964	3,555,639	3,907,176	4,647,435	4,323,265	5,254,000
Apr	92,601,565	88,905,658	102,805,265	105,951,609	110,483,542	3,971,330	4,003,416	4,663,364	4,561,385	4,181,574
May	92,222,389	90,727,314	104,870,431	114,440,484	113,149,058	4,995,198	3,550,495	4,642,214	4,831,906	4,631,253
Jun	90,235,360	85,779,136	102,259,547	105,176,394	106,715,177	3,491,759	3,770,096	4,295,537	4,353,692	4,637,472
Jul	88,240,121	89,973,827	106,245,730	105,759,933	108,729,871	4,498,673	3,636,158	4,367,184	4,421,088	4,683,216
Aug	89,253,121	90,547,410	110,385,462	107,208,705	101,932,003	4,477,620	4,692,826	4,603,794	4,323,885	4,578,811
Sep	88,360,120	91,787,318	108,801,595	104,588,113	96,487,705	4,189,447	3,253,015	4,643,128	4,842,886	4,559,697
Oct	92,802,123	96,965,173	107,504,333	108,441,075	105,789,826	3,682,958	4,346,048	4,148,208	4,711,260	4,364,876
Nov	91,756,977	99,220,628	110,630,064	108,872,466	107,388,926	3,448,439	3,839,708	4,185,486	4,974,223	4,451,478
Dec	95,825,552	95,793,881	110,871,858	118,448,036	115,858,133	3,257,456	3,695,966	3,506,981	4,082,905	3,907,886
Total	1,105,592,372	1,101,819,222	1,256,998,572	1,304,553,799	1,305,535,439	46,690,486	46,178,128	50,886,644	53,260,274	54,473,516
Hispanic Cheese						Other Cheese				
	Pounds					Pounds				
Jan	9,249,055	9,080,053	8,946,486	9,128,083	9,085,743	11,441,295	9,171,847	6,711,137	10,956,515	9,659,829
Feb	9,123,729	9,136,095	9,306,553	8,934,424	9,335,686	9,327,653	9,800,994	5,594,305	6,747,534	10,414,734
Mar	8,958,622	10,136,880	10,756,678	10,172,478	10,581,146	10,355,291	10,096,202	7,252,563	9,732,513	11,641,307
Apr	9,626,954	10,103,283	9,524,861	8,988,373	8,749,388	9,891,411	8,895,062	7,119,530	11,667,183	10,838,582
May	8,708,698	8,821,247	8,897,081	9,942,822	9,536,610	11,569,570	9,098,588	7,439,106	10,631,914	10,514,077
Jun	8,688,594	9,060,733	9,494,142	9,089,517	8,881,999	10,732,957	5,935,570	7,361,720	11,169,269	10,877,857
Jul	9,179,598	9,782,841	9,683,853	9,013,114	9,659,753	9,519,359	5,947,818	10,443,665	10,047,391	10,886,798
Aug	9,879,016	9,972,273	9,790,527	10,043,366	10,748,120	10,757,533	5,569,676	8,874,269	12,665,990	8,100,961
Sep	9,061,990	9,666,646	10,021,946	9,536,328	8,843,835	7,903,011	4,820,545	9,684,454	11,982,218	7,508,902
Oct	9,514,332	8,987,941	8,726,172	9,194,015	9,596,427	6,817,003	5,538,154	8,450,866	11,708,892	8,238,109
Nov	8,213,323	8,588,193	8,862,033	9,279,194	8,679,064	8,916,985	5,177,444	12,727,569	9,956,843	9,797,441
Dec	8,873,625	9,740,690	8,995,323	8,858,522	8,114,262	10,014,660	7,882,785	10,499,227	9,794,735	13,124,652
Total	109,077,536	113,076,875	113,005,655	112,180,236	111,812,033	117,246,728	87,934,685	102,158,411	127,060,997	121,603,249
Total Cheese										
	Pounds									
Jan	183,437,946	174,685,246	175,567,906	188,998,793	196,326,112					
Feb	172,188,966	160,615,480	161,803,224	172,330,462	184,841,694					
Mar	181,596,119	181,190,845	186,853,950	193,135,026	199,072,815					
Apr	177,665,156	174,030,488	180,664,304	183,782,845	189,053,342					
May	179,974,359	175,511,599	184,124,116	196,939,074	194,163,679					
Jun	172,401,911	165,412,142	181,740,230	185,067,910	183,645,192					
Jul	172,772,885	167,062,435	188,496,788	183,346,083	185,652,563					
Aug	173,368,926	169,235,902	190,099,235	187,236,676	179,988,799					
Sep	168,293,160	167,742,122	186,181,335	181,052,576	170,200,725					
Oct	177,017,833	175,077,775	182,879,704	189,436,995	184,122,042					
Nov	174,600,551	170,854,792	189,091,217	188,870,202	185,118,247					
Dec	179,920,391	176,099,510	190,401,058	195,709,385	194,812,673					
Total	2,113,238,203	2,057,518,336	2,197,903,067	2,245,906,027	2,246,997,883					





Average Prices Paid to Producers

Average Prices Paid to Producers in California For All Bulk Milk (Grade A and Grade B), By Month, 2008-2012 ^{1 2}

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
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
2009	11.18	10.32	10.51	10.50	10.25	10.10	10.01	10.99	11.68	12.76	14.19	15.61	11.51
2010	14.42	13.94	13.11	13.30	13.57	13.96	14.68	15.42	16.39	16.89	15.88	14.86	14.70
2011	15.67	17.96	18.40	17.89	18.11	20.31	20.18	20.27	18.98	18.22	18.91	17.38	18.52
2012	16.66	15.51	15.47	14.91	14.31	14.65	15.12	16.55	17.70	19.69	19.91	18.61	16.59

¹ Prices are F.O.B. plant, at actual test.

² 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, 2008-2012 ^{1 2}

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
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
2009	11.23	10.29	10.47	10.46	10.25	10.09	10.01	10.94	11.64	12.71	14.13	15.56	11.48
2010	14.44	13.92	13.15	13.28	13.57	13.99	14.70	15.41	16.34	16.86	15.92	14.91	14.71
2011	15.68	17.93	18.38	17.92	18.13	20.30	20.16	20.27	18.99	18.23	18.89	17.37	18.52
2012	16.65	15.51	15.47	14.90	14.30	14.64	15.11	16.53	17.67	19.67	19.89	18.60	16.58

¹ Prices are F.O.B. plant, at actual test.

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

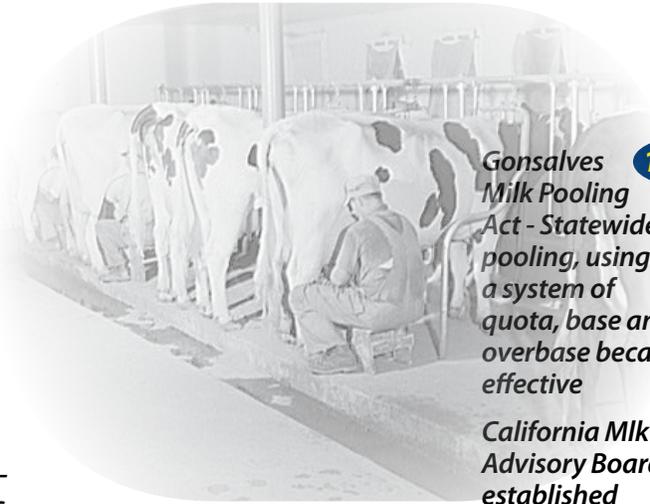
Average Prices Paid to Producers in California For Manufacturing Milk (Grade B), By Month, 2008-2012 ¹

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
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
2009	10.15	11.14	11.45	11.36	10.37	10.29	10.09	12.10	12.36	13.91	15.46	16.70	12.11
2010	14.14	14.20	12.31	13.52	13.63	13.31	14.46	15.72	17.21	17.52	15.13	14.01	14.60
2011	15.11	19.61	19.33	16.64	16.96	21.17	21.33	20.60	18.31	17.89	19.89	17.64	18.71
2012	16.90	15.64	15.84	15.38	15.27	16.37	17.06	18.77	20.28	22.36	21.78	19.15	17.90

¹ Prices are F.O.B. plant, at actual test.



California Historic Timeline



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

1969
**Gonsalves
Milk Pooling
Act** - Statewide
pooling, using
a system of
quota, base and
overbase became
effective

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)

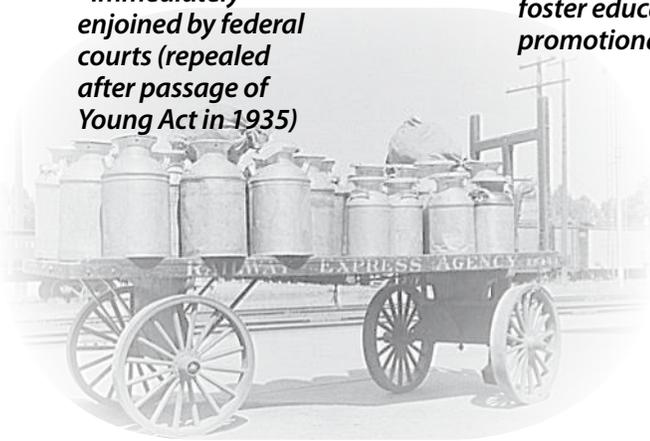
1945
**Dairy Products
Promotion Act** -
establishes the Dairy
Council of California to
foster education and
promotional programs

1962
**Component
pricing for fluid
milk products**

**Component
pricing for
manufactured
products begins
in 1965**

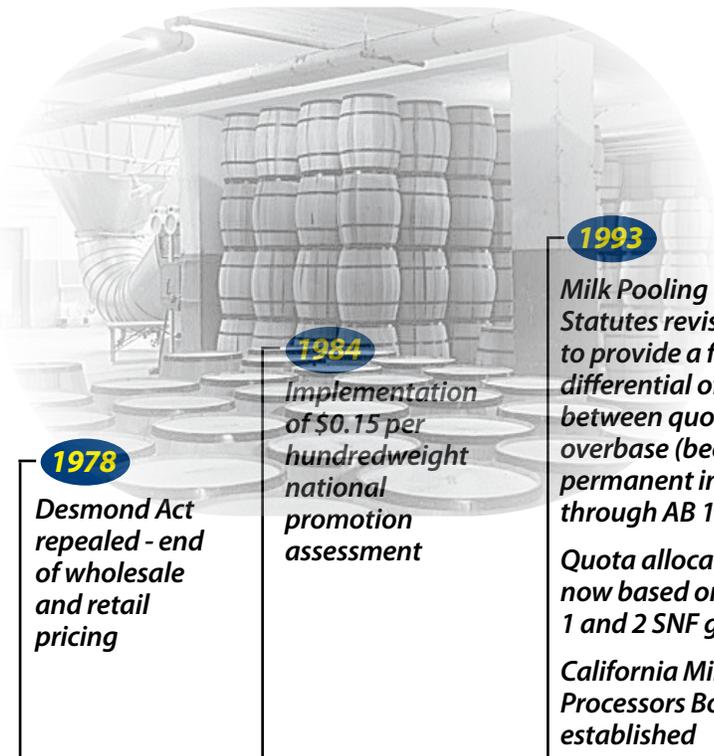
1947

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





California Historic Timeline



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

Temporary 4-month increases to all class prices

Increased the cap on the whey factor value in the Class 4b pricing formula

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

2010

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

2009

Temporary 3-month increases to all class prices

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

2011

Class 4b whey factor changed from fixed value to sliding scale calculation





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
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
Eggnog (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
Kefir and Fruit Kefir	2
Sour Cream and Light Sour Cream	2
Sour Flavored Half-and-Half	2
Sour Half-and-Half Dressing	2

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.



Classification of Dairy Products, Continued

PRODUCT DESCRIPTION

CLASSIFICATION

Ultra High Temperature (UHT) and Fluid Flavored Milk (Whole, Lowfat, Fat Free)	1
Fluid Milk (Whole, Lowfat, Fat Free)	1
Half-and-Half	1
Cream	2
Dairy Spread	2
Eggnog	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

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.

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

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





California Department of Food and Agriculture
Dairy Marketing Branch
1220 N Street
Sacramento, CA 95814
(916) 900-5014 / Fax (916) 900-5341
Website: www.cdfa.ca.gov/dairy
Email: dairy@cdfa.ca.gov/dairy