

California Dairy Statistics

 2011 Data





CALIFORNIA Dairy Statistics 2011

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
Garianne Dashiell, 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
Washington, D.C.
Tom Vilsack, Secretary

National Agricultural Statistics Service
Dr. Cynthia Z. Clark, Administrator
Vic Tolomeo, California Statistician

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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 2011

For California, 2011 was a year of very mild weather and the highest year on record for commercial milk production. Milk producers experienced higher prices which helped with margins on the dairy, and feed availability continued to play a role in the cost to produce milk. For dairy processors, both national and global supply and demand conditions of finished dairy products were strong with national exports setting a record in terms of volume and total value. However, the end of the year showed increased global competition which may play a role in 2012 prices.

Throughout 2011, there continued to be signs of strength and improvement in the economy. Milk prices improved substantially in 2011, with the average price paid to producers rising to \$18.52, up nearly \$4 per hundredweight above the 2010 average price. Total

bulk milk production in California was up 2.7 percent from 2010, the total number of cows was down 1.2 percent, milk per cow was up 4.2 percent, and the number of dairies decreased 2.8 percent.

Milk Production

For all 12 months of 2011, California milk production recorded net increases compared to the same months in 2010. The year finished at a positive 2.7 percent (+1.07 billion pounds) compared to milk production totals for 2010. The five leading milk producing counties recorded 71.1 percent of the milk production in 2011: Tulare, Merced, Kings, Stanislaus, and Kern counties. Grade B milk production in 2011 recorded a decrease of 66.5 percent (-1.4 billion pounds)

compared to 2010. Milk production per cow in 2011 was estimated at 22,625 pounds and the number of cows in the state decreased

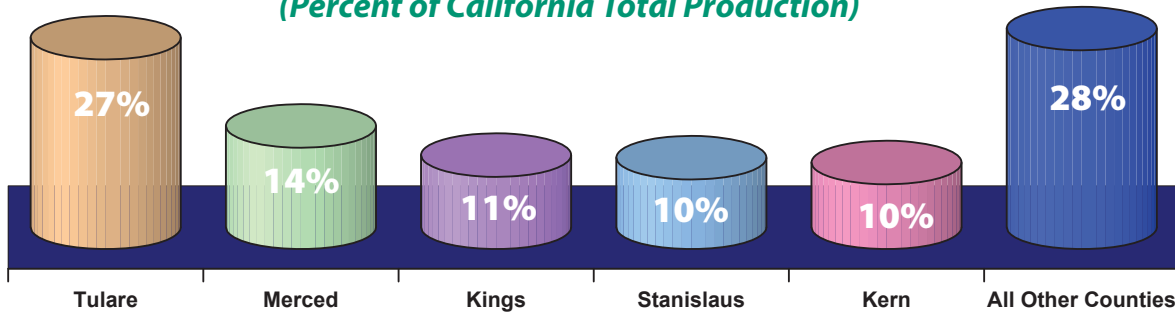
slightly to 1.84 million cows.

Utilization

Utilization in 2011 followed last year's pattern with butter and nonfat dry milk powder utilization remaining relatively the same, at 35.0 percent (compared to 34.8 percent in 2010) while the percentage of the milk supply going into cheese production (Class 4b) increased to 43.0 percent in 2011 (from 41.0 percent in 2010). For 2011, compared to 2010, California nonfat dry milk production decreased 11.7 percent, other dry milk products increased 138.0 percent, and butter production increased 11.7 percent. Mozzarella production, which accounts for more than half of total California cheese production, was responsible for a significant amount of the increase in Class 4b utilization. Of the top three cheeses: Mozzarella increased 3.8 percent, Cheddar fell 4.4 percent, and Monterey Jack showed a slight decrease of 0.8 percent. The utilization of pooled milk into Class 1 (fluid



Milk Production by County, 2011 (Percent of California Total Production)



milk) products continued its downward trend, falling to 13.5 percent (down from 15.0 percent in 2010). Class 1 sales continued to decline, recording a decrease of 1.6 percent compared to 2010. Reduced fat milk and half-and-half recorded increased sales in 2011, while whole, low-fat, and skim milks all showed decreases in sales.

Milk Prices

The 12-month average price paid to California producers in 2011 was \$18.52 per hundredweight,

compared to \$14.70 per hundredweight in 2010. Prices peaked in June at \$20.31 per hundredweight, but ended the year at \$17.38. The end of 2011 found increased milk production, growing inventories of dairy products, and decreasing prices paid to producers. New Zealand and Australia resumed normal to higher milk production levels after setbacks caused last year by drought (New Zealand) and floods (Australia).

Government Assistance and Related Issues

MILC:

The federal Milk Income Loss Contract (MILC) program never came into play for producers in 2011, as Class I prices (Boston) remained above the required levels to initiate payments; this compared to MILC payments to producers for one month in 2010 and 10 months in 2009.

CDFA HEARINGS:

The Department held a public hearing on June 30 and July 1, 2011 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 butter and nonfat dry milk manufacturing cost allowances and the butter f.o.b. price adjuster in the Class 4a pricing formula; and proposed changes to the manufacturing cost allowance and f.o.b. price adjuster for cheese and the whey portion of the Class 4b pricing formula.



Whey Factor Sliding Scale

After carefully weighing the contents of the hearing record, the Department amended the Class 4a and 4b pricing formulas as follows:

- Implemented the Department's administrative changes to the Class 4a and 4b formulas by including language to implement the collection of security charges provided by the Milk Producer Security Trust Fund as found in Code Section 62561.
- Increased the f.o.b. California Price Adjuster for Grade AA butter from \$0.0309 per pound to \$0.0485 per pound.
- Increased the manufacturing cost allowance for Grade AA butter from \$0.1560 to \$0.1635.
- Increased the manufacturing cost allowance for nonfat dry milk from \$0.1698 to \$0.1763.
- Replaced the \$0.25/cwt. fixed whey factor with a sliding scale with five cent steps that floors whey values at \$0.25/cwt. and caps whey values at \$0.65/cwt.,

DMN Monthly Average Dry Whey Price (\$/lb)	Whey Factor in 4b Formula (\$/cwt.)
< 0.25	0.25
≥ 0.25 and < 0.30	0.30
≥ 0.30 and < 0.35	0.35
≥ 0.35 and < 0.40	0.40
≥ 0.40 and < 0.45	0.45
≥ 0.45 and < 0.50	0.50
≥ 0.50 and < 0.55	0.55
≥ 0.55 and < 0.60	0.60
≥ 0.60	0.65

using the Dairy Market News (DMN) Dry Whey-West Mostly commodity price series.

There continues to be a number of proposals at the national level to reform the dairy industry, addressing ways to target the increasing volatility in milk prices and farm income, including issues such as: margin protection, supply management, and revisions of current pricing formulas. Efforts in dairy industry reform and drafting of the next Farm Bill continue into 2012.





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, 2007-2011 ^{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>
2007	1,813	1,813	22,440	3.68	40,646	3.68	7,332,538
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 ^{3/}	1,769	1,769	23,438	3.71	41,428	3.72	7,672,441

^{1/} USDA/NASS data.

^{2/} All milk and cream.

^{3/} Figures for 2011 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, 2007-2011 ^{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>
2007	9,153	9,153	20,277	3.68	185,654	3.68	35,425,015
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	24,342,440
2010	9,119	9,119	21,148	3.66	192,848	3.66	24,338,642
2011 ^{3/}	9,194	9,194	21,345	N/A	196,245	N/A	N/A

^{1/} USDA/NASS data.

^{2/} All milk and cream.

^{3/} Figures for 2011 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, 2011 ^{1/2/}

State	Total Production on Farms Milk <i>Million Pounds</i>	% Change from 2010	Milk cows on farms ^{2/} <i>Thousands</i>	Average production per milk cow Milk <i>Pounds</i>	Number of Licensed Dairies	Rank in United States Milk Production	Percent of United States Milk Production <i>Percent</i>
Alabama	145	8.8	11	13,182	55	43	0.1
Alaska	7	-2.8	1	13,800	4	50	0.0
Arizona	4,412	6.3	188	23,468	110	12	2.2
Arkansas	142	-7.2	12	11,833	120	44	0.1
California	41,462	2.7	1,769	23,438	1,675	1	21.1
Colorado	2,999	6.5	128	23,430	130	15	1.5
Connecticut	361	-0.8	19	19,000	140	34	0.2
Delaware	92	1.7	5	18,300	50	47	0.0
Florida	2,269	6.7	119	19,067	140	19	1.2
Georgia	1,450	3.9	79	18,354	260	24	0.7
Hawaii	27	8.3	2	14,421	2	48	0.0
Idaho	13,256	3.7	578	22,934	575	3	6.8
Illinois	1,897	-1.0	98	19,357	810	20	1.0
Indiana	3,539	3.6	172	20,576	1,650	14	1.8
Iowa	4,347	-0.1	204	21,309	1,670	13	2.2
Kansas	2,590	3.8	123	21,057	370	16	1.3
Kentucky	1,087	-5.6	76	14,303	900	27	0.6
Louisiana	232	-1.3	18	12,889	140	39	0.1
Maine	598	1.9	32	18,688	310	33	0.3
Maryland	970	-3.1	52	18,654	510	28	0.5
Massachusetts	220	-9.1	13	16,923	160	40	0.1
Michigan	8,478	1.7	366	23,164	2,160	8	4.3
Minnesota	8,890	-2.3	468	18,996	4,325	7	4.5
Mississippi	204	-8.5	14	14,571	120	41	0.1
Missouri	1,388	-3.9	95	14,611	1,530	25	0.7
Montana	288	-0.3	14	20,571	70	36	0.1
Nebraska	1,173	0.4	57	20,579	245	26	0.6
Nevada	664	0.9	29	22,897	20	32	0.3
New Hampshire	286	-2.7	14	20,429	120	37	0.1
New Jersey	136	-2.9	8	17,000	85	45	0.1
New Mexico	8,177	3.8	329	24,854	140	9	4.2
New York	12,826	0.9	610	21,026	5,450	4	6.5
North Carolina	902	4.4	45	20,044	290	30	0.5
North Dakota	344	-10.4	19	18,105	145	35	0.2
Ohio	5,142	-2.4	268	19,187	3,170	11	2.6
Oklahoma	927	-3.3	53	17,491	230	29	0.5
Oregon	2,479	3.3	121	20,488	270	18	1.3
Pennsylvania	10,604	-1.2	541	19,601	7,240	5	5.4
Rhode Island	20	1.0	1	17,909	15	49	0.0
South Carolina	278	-2.8	16	17,375	80	38	0.1
South Dakota	1,870	-0.7	91	20,549	350	21	1.0
Tennessee	810	-4.7	50	16,200	450	31	0.4
Texas	9,582	8.5	431	22,232	590	6	4.9
Utah	1,854	1.9	88	21,068	240	22	0.9
Vermont	2,538	0.7	134	18,940	1,000	17	1.3
Virginia	1,719	0.0	96	17,906	690	23	0.9
Washington	6,169	4.5	260	23,727	460	10	3.1
West Virginia	156	-0.6	10	15,600	95	42	0.1
Wisconsin	26,117	0.3	1,265	20,646	12,100	2	13.3
Wyoming	123	2.2	6	20,517	20	46	0.1
United States ^{3/}	196,245	1.8	9,194	21,345	51,481		

^{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.

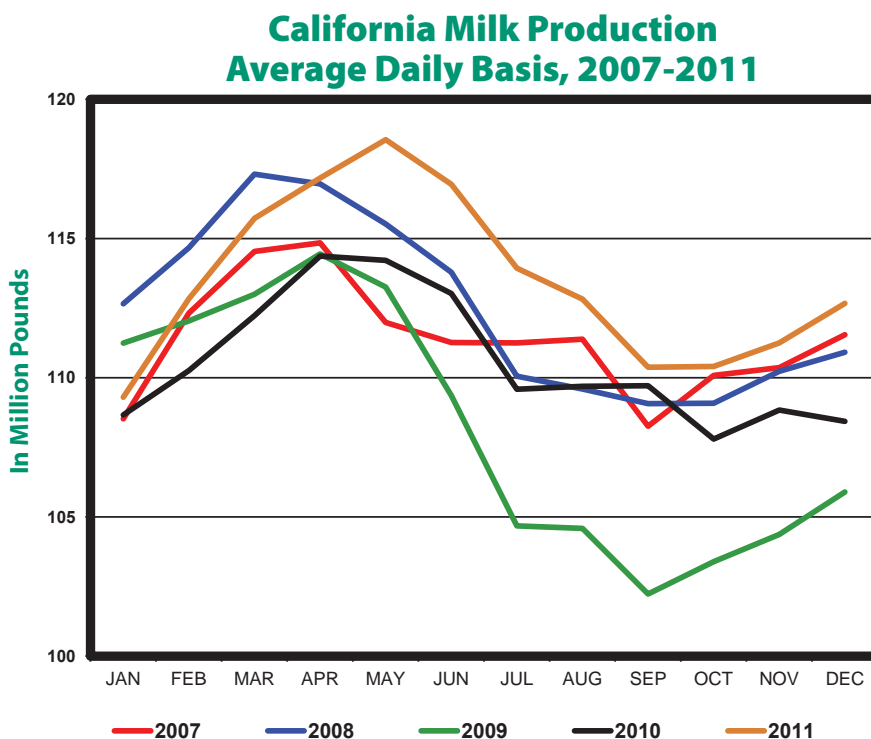


California's Commercial Milk Production

California total milk production increased 2.7 percent in 2011 to 41.4 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, made the decision to operate as manufacturing grade facilities.

The 26 milk-producing counties of the northern California region accounted for 93 percent of the market milk and 96 percent of the manufacturing milk produced commercially during 2011.

The five leading counties in total milk production for 2011, in ranking order, were: Tulare (27 percent), Merced (14 percent); Kings (11 percent); Stanislaus (10 percent); and Kern (10 percent). These five counties accounted for 71 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 2007 through December 2011.

The five leading counties in manufacturing milk production, in ranking order, were: Merced (49 percent); Stanislaus (10 percent); San Joaquin (10 percent); Humboldt (6 percent); and Tulare (6 percent). These

five counties accounted for 82 percent of California's total manufacturing milk production.

Grade A Milk Production: Top 10 Counties

County (by rank)	Pounds of Milk Produced in 2011	% Change from 2010
Tulare	11,129,712,308	1.73%
Merced	5,558,179,588	11.06%
Kings	4,336,572,626	4.28%
Stanislaus	4,022,279,731	18.19%
Kern	3,905,429,742	4.91%
Fresno	2,694,242,625	2.49%
San Joaquin	2,374,949,414	13.51%
Madera	1,778,098,836	13.46%
San Bernardino	1,628,200,813	4.17%
Riverside	1,016,508,136	5.00%

Grade B Milk Production: Top 5 Counties

County (by rank)	Pounds of Milk Produced in 2011	% Change from 2010
Merced	352,172,872	-59.53%
Stanislaus	71,723,763	-88.60%
San Joaquin	71,114,762	-68.35%
Humboldt	44,840,936	-3.11%
Tulare	43,547,653	-7.65%



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, 2010 and 2011

County and Region ^{1/}	2010 (Revised)			2011		
	Number Cows	Number Dairies ^{2/}	Average Number Cows/Dairy	Number Cows	Number Dairies ^{2/}	Average Number Cows/Dairy
Butte	254	3	85	309	3	103
Del Norte	3,337	8	371	3,313	8	414
Fresno	118,546	106	1,118	117,534	98	1,199
Glenn	17,744	42	422	17,845	43	415
Humboldt	13,874	67	213	13,688	65	211
Kern	171,674	54	3,179	168,794	55	3,069
Kings ^{4/}	191,339	143	1,338	188,416	140	1,346
Madera	74,411	56	1,329	77,110	49	1,595
Marin	9,964	24	415	9,766	25	391
Mendocino ^{3/}		2			2	
Merced	268,312	258	1,040	262,131	251	1,044
Monterey ^{3/}		2			2	
Placer ^{3/}		1			1	
Sacramento	15,133	34	445	14,947	35	427
San Benito ^{3/}		2			2	
San Joaquin ^{4/}	105,810	127	833	106,012	126	841
Santa Clara ^{3/}		1			0	
Santa Cruz ^{3/}		0			0	
Siskiyou	701	3	234	703	3	234
Solano ^{3/}		2			2	
Sonoma	28,923	66	438	29,059	67	434
Stanislaus	184,161	248	743	180,416	232	778
Sutter ^{3/}		1			1	
Tehama	4,753	14	340	3,888	12	324
Tulare	502,395	311	1,615	489,740	307	1,615
Yolo ^{3/}		2			2	
Yuba	3,225	4	806	3,385	4	846
Northern California	1,723,661	1,581	1,090	1,696,546	1,535	1,105
Imperial	7,472	4	1,868	7,863	4	1,966
Los Angeles ^{3/}		1			1	
Riverside	45,212	35	1,292	47,516	36	1,320
San Bernardino	74,593	88	848	77,350	86	899
San Diego	2,506	4	627	2,407	4	602
San Luis Obispo ^{3/}		1			1	
Santa Barbara ^{3/}		2			1	
Southern California	134,367	135	995	139,566	133	1,049
STATE TOTALS	1,858,028	1,716	1,083	1,836,112	1,668	1,101

^{1/} Counties omitted have no reported milk production.

^{2/} Number of dairies source is Milk and Dairy Foods Safety.

^{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, 2007-2011 ^{1/}

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	
	Thousand Pounds			Percent			Percent			
2007	39,555,604	1,090,494	40,646,098	3.67	4.22	3.68	8.81	9.06	8.81	4.8
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	40,715,044	712,822	41,427,867	3.71	4.37	3.72	8.86	9.15	8.87	2.7
2008										
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
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	3,254,550	56,743	3,311,293	3.63	4.24	3.64	8.83	9.10	8.83	0.6
October	3,362,779	59,757	3,422,535	3.71	4.33	3.72	8.88	9.15	8.89	2.4
November	3,282,881	54,655	3,337,536	3.80	4.55	3.81	8.97	9.26	8.98	2.2
December	3,435,095	57,656	3,492,752	3.83	4.62	3.84	8.98	9.27	8.98	3.9

^{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, 2011 ^{1/}

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	5,289	268	5,558	4.38	3.96	4.36	9.20	8.71	9.17	29
Del Norte	45,026	10,005	55,031	4.18	4.90	4.31	8.96	9.32	9.02	20
Fresno	2,694,243	5,089	2,699,332	3.69	3.78	3.69	8.87	8.91	8.87	6
Glenn	396,671	14,013	410,684	3.73	3.81	3.73	8.81	8.86	8.81	12
Humboldt	182,557	44,841	227,398	4.14	4.55	4.22	8.93	9.18	8.98	14
Kern	3,905,430	33,022	3,938,451	3.68	3.58	3.68	8.82	8.85	8.82	5
Kings	4,336,573	20,842	4,357,415	3.67	4.71	3.67	8.84	9.30	8.85	3
Madera	1,778,099	6,522	1,784,621	3.66	3.99	3.66	8.84	9.04	8.84	8
Marin	162,214	18	162,231	3.64	3.46	3.64	8.88	8.72	8.88	15
Mendocino ^{4/}										25
Merced	5,558,180	352,173	5,910,352	3.75	4.69	3.80	8.89	9.27	8.91	2
Monterey ^{4/}										26
Placer ^{4/}										32
Sacramento	337,186	320	337,506	3.72	3.66	3.72	8.86	8.89	8.86	13
San Benito ^{4/}										31
San Joaquin	2,374,949	71,115	2,446,064	3.64	3.83	3.65	8.84	9.01	8.84	7
Santa Clara ^{4/}										33
Siskiyou	15,793	0	15,793	3.70		3.70	8.80		8.80	27
Solano ^{4/}										17
Sonoma	481,849	887	482,737	3.74	3.58	3.74	8.89	8.73	8.89	11
Stanislaus	4,022,280	71,724	4,094,003	3.72	3.98	3.72	8.86	9.02	8.87	4
Sutter ^{4/}										28
Tehama	74,926	6,052	80,978	4.04	4.26	4.05	9.06	8.96	9.05	18
Tulare	11,129,712	43,548	11,173,260	3.73	4.25	3.73	8.88	9.10	8.88	1
Yolo ^{4/}										24
Yuba	73,940	0	73,940	3.93		3.93	8.92		8.92	19
Northern California	37,760,563	687,720	38,448,283	3.71	4.40	3.72	8.87	9.16	8.87	
Imperial	158,524	0	158,524	4.00		4.00	8.98		8.98	16
Los Angeles ^{4/}										23
Riverside	1,016,508	1,071	1,017,579	3.62	3.45	3.62	8.82	8.77	8.82	10
San Bernardino	1,628,201	24,032	1,652,233	3.60	3.74	3.60	8.79	8.85	8.79	9
San Diego	51,597	0	51,597	3.50		3.50	8.77		8.77	21
San Luis Obispo ^{4/}										30
Santa Barbara ^{4/}										22
Southern California	2,954,482	25,103	2,979,584	3.63	3.72	3.63	8.81	8.85	8.81	
STATE TOTALS	40,715,044	712,822	41,427,867	3.71	4.37	3.72	8.86	9.15	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, 2011 ^{1/}

County and Region ^{2/}	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	397,566	404,338	519,675	533,215	514,165	497,874
Del Norte	4,369,167	3,920,159	4,602,931	4,892,095	5,133,370	4,980,575
Fresno	223,037,315	208,156,017	235,971,891	231,753,480	242,302,350	228,465,082
Glenn	34,793,548	32,442,320	36,226,765	35,065,622	36,096,900	34,432,437
Humboldt	17,528,999	15,856,169	17,404,945	18,949,188	20,641,760	21,105,157
Kern	324,254,509	307,017,300	353,311,946	341,927,220	350,923,739	330,774,649
Kings	358,861,029	333,930,984	380,478,334	374,255,951	389,512,335	370,215,354
Madera	134,196,462	130,367,666	149,960,576	148,091,035	159,207,399	153,082,664
Marin	13,917,580	12,506,969	14,009,931	14,067,067	14,371,215	13,534,810
Mendocino ^{3/}						
Merced	488,948,786	443,171,228	500,534,351	489,360,012	516,867,332	497,652,006
Monterey ^{3/}						
Placer ^{3/}						
Sacramento	28,100,607	25,704,521	28,510,657	27,492,821	29,015,403	28,570,878
San Benito ^{3/}						
San Joaquin	203,299,517	186,750,830	208,458,227	203,574,024	215,063,231	207,450,610
Santa Clara ^{3/}						
Siskiyou	1,321,526	1,209,310	1,314,001	1,311,118	1,404,545	1,397,528
Solano ^{3/}						
Sonoma	40,768,858	37,300,093	41,309,414	40,134,808	42,009,267	40,699,538
Stanislaus	338,159,008	309,616,830	348,001,434	340,774,214	360,721,717	346,481,813
Sutter ^{3/}						
Tehama	6,497,959	6,211,966	6,941,789	6,883,966	7,153,769	6,854,984
Tulare	908,344,419	853,095,225	975,336,530	957,587,472	997,922,395	948,246,922
Yolo ^{3/}						
Yuba	6,082,072	5,491,656	6,259,049	6,060,698	6,305,428	6,018,622
Northern California	3,148,840,367	2,927,584,110	3,325,361,672	3,258,514,483	3,411,908,802	3,256,624,158
Imperial	14,120,273	13,081,870	15,322,174	14,727,511	14,493,146	13,419,066
Los Angeles ^{3/}						
Riverside	81,699,338	79,141,615	89,122,337	87,475,767	90,116,330	86,082,786
San Bernardino	131,472,705	127,796,633	144,272,997	141,331,968	145,591,166	139,398,101
San Diego	4,235,128	4,162,423	4,780,125	4,661,403	4,520,309	4,364,446
San Luis Obispo ^{3/}						
Santa Barbara ^{3/}						
Southern California	239,581,870	231,907,547	262,179,448	256,677,742	263,213,429	251,756,599
STATE TOTALS	3,388,422,237	3,159,491,657	3,587,541,120	3,515,192,225	3,675,122,231	3,508,380,757

^{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, 2011 ^{1/} - Continued

County and Region ^{2/}	July	August	September	October	November	December	Total
<i>Pounds</i>							
Butte	521,381	507,979	463,890	432,456	399,469	365,593	5,557,601
Del Norte	5,276,489	5,138,536	4,727,748	4,448,107	3,869,393	3,672,491	55,031,061
Fresno	230,153,192	227,583,789	214,433,753	220,451,412	213,839,226	223,184,225	2,699,331,732
Glenn	34,798,518	34,612,813	32,568,619	33,316,438	32,282,757	34,047,132	410,683,869
Humboldt	21,765,675	20,879,200	18,772,254	18,946,627	17,919,038	17,629,191	227,398,203
Kern	326,395,949	325,520,886	306,520,378	318,775,920	317,320,778	335,708,161	3,938,451,435
Kings	370,818,678	364,795,791	345,473,534	355,377,349	348,091,260	365,603,921	4,357,414,520
Madera	155,088,624	155,847,086	147,563,863	153,100,149	146,184,321	151,931,101	1,784,620,946
Marin	13,836,671	13,506,076	12,964,708	13,383,282	12,794,325	13,338,840	162,231,474
Mendocino ^{3/}							
Merced	507,754,899	506,843,343	478,879,594	495,402,286	483,191,699	501,746,924	5,910,352,460
Monterey ^{3/}							
Placer ^{3/}							
Sacramento	29,702,466	29,158,696	27,543,661	28,107,216	27,355,172	28,243,819	337,505,917
San Benito ^{3/}							
San Joaquin	211,943,732	209,722,260	196,400,083	201,920,870	196,246,127	205,234,665	2,446,064,176
Santa Clara ^{3/}							
Siskiyou	1,353,162	1,325,041	1,258,222	1,305,589	1,269,413	1,323,084	15,792,539
Solano ^{3/}							
Sonoma	41,293,432	40,948,287	38,959,850	40,188,774	38,693,668	40,430,575	482,736,564
Stanislaus	353,689,619	351,984,240	330,011,011	340,214,061	330,586,940	343,762,607	4,094,003,494
Sutter ^{3/}							
Tehama	7,047,840	6,980,969	6,477,203	6,719,705	6,513,555	6,694,303	80,978,008
Tulare	946,731,691	932,784,018	888,753,254	921,387,305	898,555,917	944,514,813	11,173,259,961
Yolo ^{3/}							
Yuba	6,145,505	6,233,267	5,974,122	6,105,758	6,965,658	6,298,538	73,940,373
Northern California	3,281,021,774	3,250,564,361	3,073,558,014	3,176,175,843	3,097,890,886	3,240,238,086	38,448,282,556
Imperial	12,588,353	11,662,607	11,104,942	12,238,816	12,459,035	13,306,305	158,524,098
Los Angeles ^{3/}							
Riverside	85,891,718	84,981,126	81,173,780	84,303,087	81,722,355	85,868,644	1,017,578,883
San Bernardino	139,679,706	137,497,810	133,297,893	137,616,200	133,518,811	140,758,602	1,652,232,592
San Diego	4,272,538	4,194,266	4,048,176	4,115,105	3,978,956	4,263,863	51,596,738
San Luis Obispo ^{3/}							
Santa Barbara ^{3/}							
Southern California	251,055,931	246,958,631	237,735,107	246,359,422	239,645,209	252,513,439	2,979,584,374
STATE TOTALS	3,532,077,705	3,497,522,992	3,311,293,121	3,422,535,265	3,337,536,095	3,492,751,525	41,427,866,930

^{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, 2011 ^{1/}

County and Region ^{2/}	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	378,390	389,429	500,984	514,748	496,865	483,097
Del Norte	3,870,257	3,514,230	4,056,197	4,067,789	4,092,749	3,899,973
Fresno	223,004,332	208,000,731	235,755,850	231,487,439	242,208,658	228,249,546
Glenn	33,364,623	31,305,033	35,041,358	34,040,005	35,060,442	33,260,902
Humboldt	14,119,299	12,825,334	13,923,566	15,058,186	16,357,651	16,870,888
Kern	321,361,079	304,260,897	350,301,702	338,981,975	347,826,928	327,998,295
Kings	357,066,153	332,702,814	378,637,622	372,843,139	387,430,527	368,489,040
Madera	133,598,988	129,189,943	149,360,200	147,447,306	158,537,489	152,315,895
Marin	13,917,580	12,506,969	13,992,130	14,067,067	14,371,215	13,534,810
Mendocino ^{3/}						
Merced	460,864,612	417,731,558	471,299,263	460,668,874	485,778,110	467,856,612
Monterey ^{3/}						
Placer ^{3/}						
Sacramento	28,012,482	25,704,521	28,510,657	27,492,821	28,999,546	28,570,878
San Benito ^{3/}						
San Joaquin	196,937,809	181,097,002	202,188,584	197,414,302	208,959,985	201,506,027
Santa Clara ^{3/}						
Siskiyou	1,321,526	1,209,310	1,314,001	1,311,118	1,404,545	1,397,528
Solano ^{3/}						
Sonoma	40,669,481	37,242,535	41,216,981	40,027,581	41,940,264	40,629,954
Stanislaus	331,585,302	303,389,089	341,216,601	334,511,430	354,656,378	340,721,630
Sutter ^{3/}						
Tehama	5,768,396	5,697,443	6,331,078	6,336,992	6,647,933	6,114,148
Tulare	905,480,165	849,402,309	971,564,858	953,994,058	994,406,833	943,996,537
Yolo ^{3/}						
Yuba	6,082,072	5,491,656	6,259,049	6,060,698	6,305,428	6,018,622
Northern California	3,093,363,986	2,875,983,811	3,265,989,386	3,202,126,005	3,349,854,073	3,197,178,848
Imperial	14,120,273	13,081,870	15,322,174	14,727,511	14,493,146	13,419,066
Los Angeles ^{3/}						
Riverside	81,699,338	79,141,615	89,122,337	87,183,046	90,116,330	85,924,371
San Bernardino	128,483,701	124,849,875	140,922,027	138,132,491	143,470,776	137,894,911
San Diego	4,235,128	4,162,423	4,780,125	4,661,403	4,520,309	4,364,446
San Luis Obispo ^{3/}						
Santa Barbara ^{3/}						
Southern California	236,592,866	228,960,789	258,828,478	253,185,544	261,093,039	250,094,994
STATE TOTALS	3,329,956,852	3,104,944,600	3,524,817,864	3,455,311,549	3,610,947,112	3,447,273,842

^{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, 2010^{1/} - Continued

County and Region ^{2/}	July	August	September	October	November	December	Total
	<i>Pounds</i>						
Butte	479,619	491,388	447,811	410,814	379,343	317,005	5,289,493
Del Norte	4,168,642	4,102,658	3,750,626	3,508,323	3,047,427	2,947,611	45,026,482
Fresno	229,628,763	227,090,586	214,148,910	219,899,922	213,706,428	221,061,460	2,694,242,625
Glenn	33,324,719	33,265,989	31,438,505	32,176,018	31,268,736	33,124,805	396,671,135
Humboldt	17,425,666	16,841,897	15,107,134	15,271,829	14,440,500	14,315,317	182,557,267
Kern	323,678,571	322,658,152	304,035,029	315,977,753	314,958,411	333,390,950	3,905,429,742
Kings	368,969,177	362,280,444	343,960,154	353,972,149	346,666,703	363,554,704	4,336,572,626
Madera	154,525,800	155,260,919	146,999,037	152,862,471	146,092,848	151,907,940	1,778,098,836
Marin	13,836,671	13,506,076	12,964,708	13,383,282	12,794,325	13,338,840	162,213,673
Mendocino ^{3/}							
Merced	477,718,332	476,404,796	449,538,087	465,073,998	453,639,880	471,605,466	5,558,179,588
Monterey ^{3/}							
Placer ^{3/}							
Sacramento	29,666,997	29,158,696	27,543,661	27,960,156	27,321,738	28,243,819	337,185,972
San Benito ^{3/}							
San Joaquin	205,920,394	203,899,584	190,925,715	196,091,726	190,619,245	199,389,041	2,374,949,414
Santa Clara ^{3/}							
Siskiyou	1,353,162	1,325,041	1,258,222	1,305,589	1,269,413	1,323,084	15,792,539
Solano ^{3/}							
Sonoma	41,234,861	40,870,376	38,905,893	40,108,972	38,634,208	40,368,054	481,849,160
Stanislaus	347,690,582	346,142,166	324,679,047	334,313,854	325,274,309	338,099,343	4,022,279,731
Sutter ^{3/}							
Tehama	6,566,029	6,544,549	6,073,170	6,323,855	6,162,887	6,359,377	74,925,857
Tulare	942,632,739	929,238,306	885,457,728	916,370,967	895,466,298	941,701,510	11,129,712,308
Yolo ^{3/}							
Yuba	6,145,505	6,233,267	5,974,122	6,105,758	6,965,658	6,298,538	73,940,373
Northern California	3,220,160,588	3,191,506,974	3,018,313,485	3,117,709,975	3,044,520,527	3,183,854,967	37,760,562,625
Imperial	12,588,353	11,662,607	11,104,942	12,238,816	12,459,035	13,306,305	158,524,098
Los Angeles ^{3/}							
Riverside	85,891,718	84,631,306	80,903,989	84,303,087	81,722,355	85,868,644	1,016,508,136
San Bernardino	138,176,732	136,156,356	132,069,076	136,325,420	132,233,936	139,485,512	1,628,200,813
San Diego	4,272,538	4,194,266	4,048,176	4,115,105	3,978,956	4,263,863	51,596,738
San Luis Obispo ^{3/}							
Santa Barbara ^{3/}							
Southern California	249,552,957	245,267,357	236,236,499	245,068,642	238,360,334	251,240,349	2,954,481,848
STATE TOTALS	3,469,713,545	3,436,774,331	3,254,549,984	3,362,778,617	3,282,880,861	3,435,095,316	40,715,044,473

^{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, 2011 ^{1/}

County and Region ^{2/}	January	February	March	April	May	June
<i>Pounds</i>						
Butte	19,176	14,909	18,691	18,467	17,300	14,777
Del Norte	498,910	405,929	546,734	824,306	1,040,621	1,080,602
Fresno	32,983	155,286	216,041	266,041	93,692	215,536
Glenn	1,428,925	1,137,287	1,185,407	1,025,617	1,036,458	1,171,535
Humboldt	3,409,700	3,030,835	3,481,379	3,891,002	4,284,109	4,234,269
Kern	2,893,430	2,756,403	3,010,244	2,945,245	3,096,811	2,776,354
Kings	1,794,876	1,228,170	1,840,712	1,412,812	2,081,808	1,726,314
Madera	597,474	1,177,723	600,376	643,729	669,910	766,769
Marin	0	0	17,801	0	0	0
Mendocino ^{3/}						
Merced	28,084,174	25,439,670	29,235,088	28,691,138	31,089,222	29,795,394
Monterey ^{3/}						
Placer ^{3/}						
Sacramento	88,125	0	0	0	15,857	0
San Benito ^{3/}						
San Joaquin	6,361,708	5,653,828	6,269,643	6,159,722	6,103,246	5,944,583
Santa Clara ^{3/}						
Siskiyou						
Solano ^{3/}						
Sonoma	99,377	57,558	92,433	107,227	69,003	69,584
Stanislaus	6,573,706	6,227,741	6,784,833	6,262,784	6,065,339	5,760,183
Sutter ^{3/}						
Tehama	729,563	514,523	610,711	546,974	505,836	740,836
Tulare	2,864,254	3,692,916	3,771,672	3,593,414	3,515,562	4,250,385
Yolo ^{3/}						
Yuba						
Northern California	55,476,381	51,600,299	59,372,286	56,388,478	62,054,729	59,445,310
Imperial						
Los Angeles ^{3/}						
Riverside	0	0	0	292,721	0	158,415
San Bernardino	2,989,004	2,946,758	3,350,970	3,199,477	2,120,390	1,503,190
San Diego						
San Luis Obispo ^{3/}						
Santa Barbara ^{3/}						
Southern California	2,989,004	2,946,758	3,350,970	3,492,198	2,120,390	1,661,605
STATE TOTALS	58,465,385	54,547,057	62,723,256	59,880,676	64,175,119	61,106,915

^{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, 2011 ^{1/} - Continued

County and Region ^{2/}	July	August	September	October	November	December	Total
	<i>Pounds</i>						
Butte	41,762	16,591	16,079	21,642	20,126	48,588	268,108
Del Norte	1,107,847	1,035,878	977,122	939,784	821,966	724,880	10,004,579
Fresno	524,429	493,203	284,843	551,490	132,798	2,122,765	5,089,107
Glenn	1,473,799	1,346,824	1,130,114	1,140,420	1,014,021	922,327	14,012,734
Humboldt	4,340,009	4,037,303	3,665,120	3,674,798	3,478,538	3,313,874	44,840,936
Kern	2,717,378	2,862,734	2,485,349	2,798,167	2,362,367	2,317,211	33,021,693
Kings	1,849,501	2,515,347	1,513,380	1,405,200	1,424,557	2,049,217	20,841,894
Madera	562,824	586,167	564,826	237,678	91,473	23,161	6,522,110
Marin	0	0	0	0	0	0	17,801
Mendocino ^{3/}							
Merced	30,036,567	30,438,547	29,341,507	30,328,288	29,551,819	30,141,458	352,172,872
Monterey ^{3/}							
Placer ^{3/}							
Sacramento	35,469	0	0	147,060	33,434	0	319,945
San Benito ^{3/}							
San Joaquin	6,023,338	5,822,676	5,474,368	5,829,144	5,626,882	5,845,624	71,114,762
Santa Clara ^{3/}							
Siskiyou							0
Solano ^{3/}							
Sonoma	58,571	77,911	53,957	79,802	59,460	62,521	887,404
Stanislaus	5,999,037	5,842,074	5,331,964	5,900,207	5,312,631	5,663,264	71,723,763
Sutter ^{3/}							
Tehama	481,811	436,420	404,033	395,850	350,668	334,926	6,052,151
Tulare	4,098,952	3,545,712	3,295,526	5,016,338	3,089,619	2,813,303	43,547,653
Yolo ^{3/}							
Yuba							0
Northern California	60,861,186	59,057,387	55,244,529	58,465,868	53,370,359	56,383,119	687,719,931
Imperial							0
Los Angeles ^{3/}							
Riverside	0	349,820	269,791	0	0	0	1,070,747
San Bernardino	1,502,974	1,341,454	1,228,817	1,290,780	1,284,875	1,273,090	24,031,779
San Diego							0
San Luis Obispo ^{3/}							
Santa Barbara ^{3/}							
Southern California	1,502,974	1,691,274	1,498,608	1,290,780	1,284,875	1,273,090	25,102,526
STATE TOTALS	62,364,160	60,748,661	56,743,137	59,756,648	54,655,234	57,656,209	712,822,457

^{1/} Includes total milk sold. Excludes milk left on ranch.

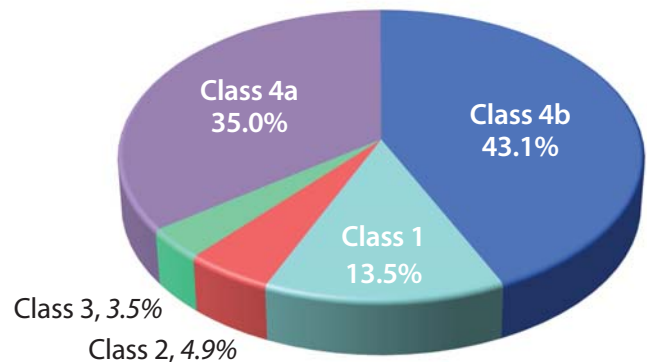
^{2/} Counties omitted have no reported milk production.

^{3/} Not published, but included in total.

Pooled Milk Utilization

In 2011, utilization of pooled Grade A milkfat pounds increased 9.4 percent and solids-not-fat (SNF) pounds increased 7.6 percent, as compared to 2010. In addition, as compared to 2010, 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 2.7 percent); Class 2, soft dairy products (decreased 1.6 percent); Class 3, frozen dairy products (decreased 1.0 percent); Class 4a, butter and powder (increased 8.6 percent); and Class 4b, cheese (increased 13.8 percent). In total, Class 4a and 4b accounted for 78 percent of all milk available on a total solids basis.

Utilization of California Pooled Milk by Class, 2011



Utilization of Pooled Milk Fat, in California by Class, by Year, 2006-2011 ^{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>									
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
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

^{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, 2006-2011 ^{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>									
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
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

^{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.

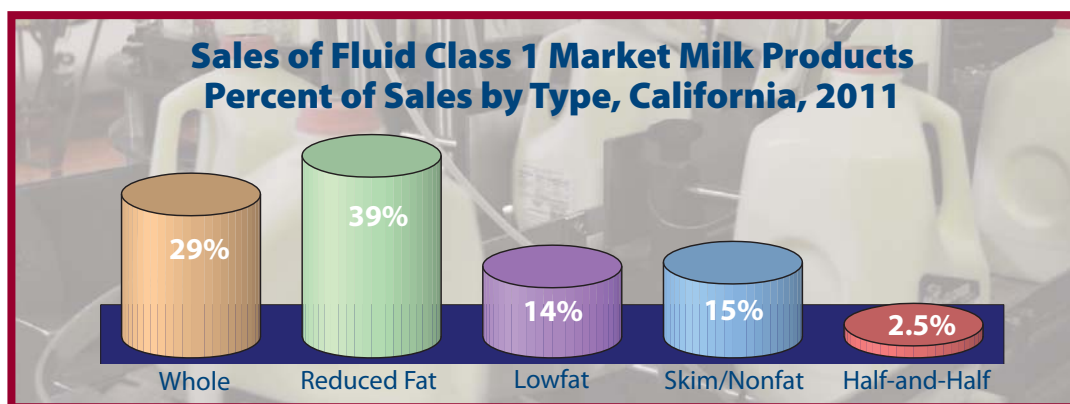


California Class 1 Sales

For 2011, total Class 1 sales decreased 1.6 percent compared to 2010, with reduced fat and half-and-half recording increased sales. Whole, lowfat, and skim milk sales showed a decrease, compared to 2010 figures.

The breakdown of total Class 1 Sales were as follows: 29 percent whole, 39 percent reduced fat, 14 percent lowfat, 15 percent skim and 2.5 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, 2007-2011^{1/}

Year	Whole Milk	Reduced Fat Milk	Lowfat Light Milk	Skim/Nonfat Fat-Free Milk	Subtotal Beverage Milks	Half and Half	Total Class 1 ^{2/}	Total Class 1 Milk Change From Prior Year
<i>Thousand Gallons</i>								<i>Percent</i>
2007	257,660	258,598	105,459	122,718	744,435	16,225	760,687	-0.1
2008	247,618	271,720	109,847	123,349	752,533	17,600	770,159	1.2
2009	242,147	278,652	112,724	118,650	752,173	17,850	770,037	0.0
2010	225,185	286,418	110,892	116,674	739,169	18,568	757,756	-1.6
2011	215,155	290,571	105,717	115,034	726,478	18,977	745,490	-1.6
2008								
January	21,168	22,841	9,340	10,871	64,220	1,484	65,716	-0.3
February	19,520	21,056	8,954	10,361	59,890	1,461	61,352	3.8
March	20,589	22,393	9,050	10,456	62,488	1,477	63,966	-4.2
April	19,716	21,640	9,348	10,829	61,532	1,417	62,950	0.9
May	20,783	22,793	9,680	11,118	64,374	1,442	65,817	2.1
June	20,132	21,925	8,284	9,319	59,660	1,377	61,038	-0.8
July	20,644	22,560	7,936	8,723	59,863	1,400	61,264	2.8
August	21,096	23,356	8,773	9,338	62,564	1,408	63,973	1.4
September	20,596	22,979	9,907	10,856	64,339	1,399	65,739	3.2
October	21,266	23,974	10,378	11,440	67,058	1,541	68,601	2.5
November	19,933	22,429	8,819	9,905	61,088	1,497	62,585	0.2
December	22,175	23,773	9,378	10,133	65,458	1,699	67,158	3.6
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

^{1/} Monthly totals may not add up to annual totals due to rounding.

^{2/} Miscellaneous Class 1 Products are included in the total.



Manufacture of Dairy Products: Class 1 Sales, by Marketing Area

Sales of Selected Class 1 Products in California, by Marketing Area, 2007-2011

Products & Marketing Areas	2007	2008	SALES	2010	2011
			2009		
			<i>Gallons</i>		
Whole Milk					
Northern California	101,757,117	100,655,622	99,227,058	90,908,219	89,875,318
Southern California	155,903,466	146,962,060	142,919,750	134,277,043	125,280,030
State Total	257,660,583	247,617,682	242,146,808	225,185,262	215,155,348
Reduced Fat Milk					
Northern California	103,618,824	111,459,305	112,315,312	115,755,341	122,944,022
Southern California	154,979,018	160,260,598	166,336,483	170,662,373	167,627,068
State Total	258,597,842	271,719,903	278,651,795	286,417,714	290,571,090
Lowfat/Light Milk					
Northern California	51,215,354	54,917,419	55,948,637	54,226,312	50,393,394
Southern California	54,243,461	54,929,521	56,775,534	56,666,016	55,324,020
State Total	105,458,815	109,846,940	112,724,171	110,892,328	105,717,414
Skim/Nonfat/Fat Free Milk					
Northern California	48,464,907	48,951,310	47,667,248	47,278,621	49,497,509
Southern California	74,253,196	74,397,614	70,983,246	69,394,919	65,536,786
State Total	122,718,103	123,348,924	118,650,494	116,673,540	115,034,295
Beverage Milks Subtotal					
Northern California	305,056,202	315,983,656	315,158,255	308,168,493	312,710,243
Southern California	439,379,141	436,549,793	437,015,013	431,000,351	413,767,904
State Total	744,435,343	752,533,449	752,173,268	739,168,844	726,478,147
Half-and-Half					
Northern California	6,460,116	8,204,328	8,255,892	8,184,168	8,859,578
Southern California	9,764,987	9,396,064	9,594,044	10,383,676	10,117,158
State Total	16,225,103	17,600,392	17,849,936	18,567,844	18,976,736
Miscellaneous Class 1					
Northern California	20,605	11,111	11,207	16,444	28,974
Southern California	4,189	13,666	2,220	3,345	5,891
State Total	24,794	24,777	13,427	19,789	34,865
TOTAL CLASS 1					
Northern California	312,320,904	324,187,984	323,425,354	316,369,105	321,598,795
Southern California	449,261,006	445,945,857	446,611,277	441,387,372	423,890,953
STATE TOTALS	760,685,240	770,158,618	770,036,631	757,756,477	745,489,748

Manufacture of Dairy Products: Class 2 Production

Class 2 (Soft Dairy Products):

Comparing 2011 to 2010: total cottage cheese production increased 15.5 percent to 101.0 million pounds; yogurt production decreased 3.4 percent; sour cream and sour cream dressing production increased by 5.8 percent, while buttermilk showed a 15.6 percent decrease in production. Other cream production increased 8.2 percent while manufacturing cream decreased 2.4 percent, compared to 2010.

Production of Class 2 Products in California, 2007-2011

Month	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Total Cottage Cheese						Buttermilk				
	Pounds					Gallons				
Jan	8,316,633	8,698,249	7,572,430	7,103,433	7,325,422	816,789	1,967,299	4,403,314	770,836	672,068
Feb	7,439,765	7,923,432	7,208,452	6,781,419	7,013,677	849,517	1,563,151	2,749,219	766,966	759,886
Mar	9,080,131	8,055,771	7,833,499	8,391,433	8,561,432	907,836	1,897,451	3,471,161	842,649	761,169
Apr	8,145,414	8,953,317	8,134,710	7,568,407	7,743,783	840,636	1,184,047	2,913,931	841,852	651,600
May	8,785,873	9,017,234	7,273,797	7,213,522	9,517,869	857,201	1,446,244	1,909,020	827,450	741,946
Jun	10,089,896	8,452,387	7,551,526	8,337,020	10,820,374	791,123	1,058,842	955,120	888,383	646,904
Jul	11,416,486	8,836,475	7,395,313	7,995,476	8,537,106	845,879	909,667	1,035,527	881,114	622,826
Aug	12,428,163	8,032,599	7,639,867	6,840,562	8,032,921	861,021	934,232	883,911	804,559	671,852
Sep	11,480,257	8,235,165	8,189,752	7,399,059	8,408,200	798,873	814,937	975,315	812,339	678,280
Oct	11,113,767	8,729,678	7,142,126	6,345,739	8,108,161	869,662	801,457	1,035,390	832,974	681,151
Nov	10,044,465	6,931,554	6,912,119	6,746,624	9,640,501	863,067	915,248	1,208,605	866,430	738,217
Dec	9,999,984	7,663,037	6,956,239	6,752,421	7,312,161	1,353,535	4,686,655	1,085,489	703,723	677,201
Total	118,340,834	99,528,898	89,809,830	87,475,115	101,021,607	10,655,139	18,179,230	22,626,002	9,839,275	8,303,100
Manufacturing Cream						Yogurt Production				
	Gallons					Pounds				
Jan	3,507,982	4,059,681	3,659,112	2,892,826	3,066,502	51,699,776	49,726,963	47,339,733	52,627,781	54,728,613
Feb	3,376,079	4,468,373	3,663,581	2,826,174	2,826,035	42,955,328	51,220,967	51,406,320	47,410,924	54,679,139
Mar	3,993,941	4,057,702	3,846,430	3,409,180	3,375,096	49,597,204	49,517,215	57,763,507	63,992,856	58,158,850
Apr	3,870,872	4,164,674	4,188,550	3,508,248	3,559,745	44,358,530	45,791,693	54,055,702	54,669,427	50,162,530
May	3,991,653	3,939,432	4,117,090	3,921,999	3,446,595	47,903,922	49,844,377	50,471,448	55,841,652	50,587,305
Jun	3,310,567	3,921,928	4,154,846	3,889,851	3,541,799	46,400,875	45,675,198	53,849,231	60,226,165	52,789,178
Jul	3,533,570	3,610,215	3,958,249	3,632,527	3,563,549	44,138,960	51,548,470	49,892,166	54,428,091	51,893,579
Aug	3,825,420	3,605,172	4,310,299	4,152,633	4,061,851	49,745,935	50,038,772	54,626,323	54,847,984	58,527,850
Sep	3,346,928	3,745,419	3,835,448	3,782,662	3,400,323	47,633,915	49,181,726	58,273,384	60,355,600	54,850,417
Oct	3,970,239	4,009,986	4,135,451	3,540,946	3,953,919	50,388,436	55,957,677	51,585,062	49,313,324	51,670,902
Nov	3,977,898	3,612,962	4,264,488	3,763,073	3,654,199	42,013,270	35,209,119	44,551,483	46,967,211	45,920,297
Dec	3,749,324	3,549,614	3,933,716	3,586,279	3,419,061	43,084,903	48,055,514	46,357,622	48,305,113	42,779,189
Total	44,454,473	46,745,158	48,067,260	42,906,398	41,868,674	559,921,054	581,767,691	620,171,981	648,986,128	626,747,849
Sour Cream & Sour Cream Dressing						Other Cream				
	Gallons					Gallons				
Jan	2,082,788	1,623,307	1,603,247	1,614,600	1,609,632	1,421,984	1,584,602	1,584,784	1,430,359	1,662,289
Feb	2,001,739	1,522,296	1,592,344	1,511,325	1,600,849	1,271,371	1,559,309	1,567,047	1,327,553	1,851,526
Mar	1,934,881	1,676,671	1,769,244	1,959,036	1,852,351	1,467,772	1,636,606	1,840,661	1,849,267	2,489,288
Apr	2,098,528	1,590,140	1,784,754	1,687,880	1,775,386	1,298,732	1,810,870	1,818,339	2,254,467	2,011,377
May	2,106,681	1,767,384	1,579,572	1,714,901	1,891,041	1,300,722	1,842,569	1,867,040	2,344,689	2,132,170
Jun	1,826,588	1,655,617	1,702,211	1,710,599	2,040,576	1,496,975	2,126,686	1,971,430	2,248,888	2,697,438
Jul	1,899,622	1,557,448	1,682,881	1,612,724	1,724,388	1,469,380	2,013,560	2,054,538	2,194,150	2,390,042
Aug	1,807,505	1,602,192	1,668,983	1,634,311	1,821,362	1,449,538	1,870,814	1,990,396	2,279,513	2,131,962
Sep	1,636,452	1,571,246	1,696,032	1,681,188	1,653,461	1,291,581	1,751,431	1,938,337	2,333,588	2,316,381
Oct	2,151,302	1,896,787	1,712,923	1,603,546	1,721,752	1,794,216	2,155,602	2,234,650	2,284,653	2,520,080
Nov	2,281,543	1,841,837	1,924,194	1,953,674	2,207,639	2,186,359	2,037,768	2,440,457	2,235,338	2,525,674
Dec	1,870,742	1,947,581	1,947,829	1,882,782	1,860,407	1,871,541	2,045,440	1,894,584	2,071,430	2,157,964
Total	23,698,371	20,252,506	20,664,214	20,566,566	21,758,844	18,320,171	22,435,257	23,202,263	24,853,895	26,886,191



Manufacture of Dairy Products: Class 3 Production

Class 3 (Frozen Dairy Products):

For 2011, total frozen production increased 2.3 percent to 173.9 million gallons. The shares of the total frozen product production were as follows: 81.7 percent ice cream, 9.9 percent ice milk, 2.0 percent sherbet, and 5.7 percent frozen yogurt.

Production of Class 3 Products in California, 2007-2011

Month	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Ice Cream						Ice Milk ^{1/}				
	Gallons					Gallons				
Jan	7,681,137	7,809,460	7,781,673	9,025,083	10,497,703	1,209,864	1,270,887	1,162,566	1,085,781	1,096,332
Feb	9,451,138	10,393,902	10,632,002	10,123,418	11,233,814	1,397,943	1,232,732	1,104,875	1,313,606	1,209,793
Mar	12,183,568	12,671,702	12,571,916	13,600,217	11,836,124	1,702,830	1,664,407	1,673,455	1,846,707	1,551,706
Apr	12,603,353	12,658,486	12,975,510	13,785,423	12,046,085	1,822,762	1,581,708	1,662,014	1,851,771	1,649,708
May	14,272,070	12,540,816	15,049,172	13,342,169	11,904,712	1,795,731	1,748,349	1,584,777	1,670,875	1,713,118
Jun	13,865,207	15,234,607	15,618,865	14,489,589	12,395,520	2,060,100	1,792,080	1,702,290	1,969,476	1,804,421
Jul	12,641,848	12,482,151	14,990,498	13,767,283	13,674,804	1,904,622	1,897,251	1,780,894	1,978,452	1,813,509
Aug	12,384,094	10,956,465	14,823,467	11,882,238	15,170,373	1,832,915	1,715,314	1,565,218	1,761,736	1,678,919
Sep	9,284,868	11,742,147	13,593,637	13,087,476	12,988,925	1,328,262	1,428,802	1,448,430	1,449,086	1,409,901
Oct	10,614,003	9,979,414	12,449,059	9,250,909	11,417,603	1,413,441	1,382,559	1,250,165	1,329,903	1,237,681
Nov	9,185,928	9,054,266	7,709,290	7,686,334	10,270,209	1,105,010	1,184,093	1,046,738	1,213,681	1,042,600
Dec	5,578,933	7,262,637	8,162,986	6,535,890	8,699,265	998,895	1,065,776	1,142,152	1,030,629	1,060,340
Total	129,746,146	132,786,053	146,358,076	136,576,029	142,135,136	18,572,375	17,963,958	17,123,572	18,501,703	17,268,028
Sherbet						Total Frozen Products				
	Gallons					Gallons				
Jan	215,539	181,767	142,733	194,565	218,433	9,902,463	9,848,238	9,625,550	10,887,820	12,441,046
Feb	359,726	201,190	348,982	199,043	222,178	12,151,552	12,504,980	12,848,204	12,369,437	13,674,494
Mar	548,598	410,876	266,512	447,299	360,983	15,664,263	15,721,434	15,522,600	16,981,287	15,005,208
Apr	504,111	486,006	434,860	515,682	289,148	16,161,857	15,697,494	15,997,195	17,191,444	14,902,920
May	556,734	444,031	485,591	475,545	475,198	17,968,203	15,895,999	17,998,499	16,625,045	15,066,282
Jun	529,803	539,629	540,011	516,624	355,655	17,762,865	18,627,864	18,844,853	18,131,535	15,685,847
Jul	545,746	403,337	489,314	426,370	318,868	15,901,231	15,756,335	18,291,957	17,212,547	16,814,600
Aug	467,520	360,582	517,861	442,178	423,967	15,475,936	13,975,482	17,816,162	15,160,764	18,717,712
Sep	273,181	362,103	338,911	290,458	259,978	11,444,848	14,390,445	16,315,682	15,845,107	15,488,770
Oct	334,948	304,064	340,015	286,098	232,893	13,106,715	12,318,290	14,715,163	11,568,326	13,627,528
Nov	228,996	186,340	155,738	124,549	192,126	11,124,174	11,248,097	9,456,602	9,741,168	12,154,114
Dec	92,555	208,596	144,316	198,442	100,887	6,853,264	8,982,974	9,961,136	8,304,278	10,322,366
Total	4,657,457	4,088,521	4,204,844	4,116,853	3,450,314	163,517,371	164,967,632	177,393,605	170,018,757	173,900,889

^{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 2011, showing an 11.7 percent increase to 622.4 million pounds. Nonfat dry milk production showed an 11.7 percent decrease in production.

Production of Class 4a and 4b Products in California, 2007-2011

Month	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Butter					Nonfat Dry Milk for Human Consumption ^{1/}					
<i>Class 4a Production</i>										
	<i>Pounds</i>					<i>Pounds</i>				
Jan	45,520,686	50,592,341	51,887,755	54,653,875	53,995,583	63,665,407	57,288,024	85,739,163	72,447,112	61,476,796
Feb	40,115,255	43,859,521	43,669,854	49,362,109	49,750,566	58,806,808	61,633,275	68,567,938	64,685,890	53,446,364
Mar	44,313,530	49,114,701	46,773,602	51,836,895	55,984,662	64,143,368	69,100,373	74,990,484	74,116,668	66,907,804
Apr	41,214,813	48,369,193	45,673,208	48,322,516	54,705,032	63,601,072	66,855,636	69,513,872	84,449,114	76,300,319
May	37,817,589	48,200,544	43,029,040	47,597,861	56,274,914	58,875,093	64,429,400	75,656,866	84,861,585	74,129,763
Jun	36,098,788	44,133,554	40,075,123	44,274,347	51,776,140	59,811,193	70,018,584	71,856,867	70,284,074	72,000,172
Jul	39,960,211	41,959,963	37,597,367	41,646,476	47,366,014	62,757,130	67,021,416	68,837,104	68,033,570	64,096,026
Aug	38,573,181	43,830,033	37,613,268	39,205,667	46,244,422	59,435,650	75,327,458	68,764,636	74,251,686	61,333,453
Sep	39,257,451	41,915,336	36,732,213	39,456,590	45,581,823	54,457,368	55,078,670	57,665,768	69,676,325	55,691,795
Oct	45,408,655	44,401,215	41,871,625	42,394,703	50,199,823	61,805,706	74,872,141	63,174,473	69,058,769	54,000,762
Nov	43,701,937	45,742,199	44,961,343	44,719,780	52,441,213	59,440,047	72,402,262	59,721,251	72,795,879	61,739,409
Dec	46,965,717	53,382,597	50,405,167	53,623,772	58,086,501	58,032,964	85,156,234	67,810,781	72,698,945	73,969,974
Total	498,947,813	555,501,197	520,289,565	557,094,591	622,406,693	724,831,806	819,183,473	832,299,203	877,359,617	775,092,637
Dry Buttermilk					Condensed Skim & Evaporated					
	<i>Pounds</i>					<i>Pounds</i>				
Jan	3,622,951	2,048,370	1,937,321	4,479,525	4,823,489	100,092,175	116,538,851	87,353,389	74,906,791	81,286,546
Feb	3,436,217	1,797,247	2,231,625	3,939,963	4,119,317	102,403,499	110,226,737	85,848,687	71,841,153	83,500,330
Mar	3,680,031	1,794,269	2,022,684	4,386,724	4,755,920	118,508,208	122,912,063	103,546,403	79,769,036	99,250,745
Apr	3,643,123	2,649,856	2,098,713	4,008,965	4,553,231	124,340,110	127,709,639	111,130,557	82,350,951	98,020,843
May	3,102,929	3,686,254	2,293,901	3,836,160	4,747,400	132,635,025	127,659,108	101,906,510	88,897,868	97,394,388
Jun	3,211,048	3,587,816	3,530,358	3,542,054	4,674,650	122,617,235	123,404,917	92,886,061	91,879,693	94,851,966
Jul	3,228,898	3,348,593	2,925,136	3,474,628	4,073,429	122,094,771	119,513,573	86,916,406	94,867,850	93,364,003
Aug	3,349,547	3,635,255	3,170,931	3,080,186	4,149,809	129,576,332	113,885,421	100,003,531	106,214,486	93,607,352
Sep	3,090,768	3,313,615	3,159,877	3,294,581	4,048,043	118,590,969	102,327,713	95,391,104	100,555,922	85,148,681
Oct	3,975,022	3,897,452	3,382,383	3,478,602	4,015,888	126,564,934	104,250,437	90,851,439	98,770,448	90,003,274
Nov	3,452,298	3,627,095	3,615,124	3,722,526	4,392,931	115,382,377	94,967,980	88,006,895	85,492,520	75,801,632
Dec	2,854,922	1,781,009	4,134,763	4,394,914	5,017,297	112,026,031	91,849,226	75,124,863	73,953,225	65,473,696
Total	40,647,754	35,166,831	34,502,816	45,638,828	53,371,404	1,424,831,666	1,355,245,665	1,118,965,845	1,049,499,943	1,057,703,456
<i>Class 4b Production</i>										
Whey Protein Concentrate (Human & Isolates)					Lactose Powders (Human and Animal)					
	<i>Pounds</i>					<i>Pounds</i>				
Jan	11,324,298	10,748,924	10,574,710	9,466,247	8,732,269	20,830,573	19,134,444	19,295,475	20,985,279	26,525,972
Feb	9,920,419	10,483,616	9,294,440	8,343,796	7,808,901	18,916,574	17,938,775	15,088,580	20,746,765	24,414,527
Mar	12,343,581	11,505,496	10,097,780	9,180,695	8,850,363	20,129,266	19,299,585	17,276,441	23,590,973	28,024,309
Apr	11,384,680	10,424,401	8,668,100	9,477,236	8,328,965	19,435,125	18,523,280	16,470,312	23,403,351	27,046,858
May	10,978,069	11,854,432	9,298,805	8,928,985	8,680,555	20,834,029	19,167,094	18,051,601	24,661,740	29,041,022
Jun	11,387,103	11,871,407	9,371,532	8,874,888	8,241,984	19,432,282	18,024,241	17,417,394	25,785,070	28,467,857
Jul	10,828,724	11,862,260	9,510,708	9,265,543	8,478,922	19,964,297	18,771,781	17,565,647	26,980,126	28,908,321
Aug	10,585,493	11,156,448	9,629,846	8,564,994	8,327,846	19,648,573	18,867,281	17,386,878	26,937,613	28,241,073
Sep	9,985,561	10,609,103	9,115,829	9,081,714	8,473,719	17,661,596	18,516,478	15,828,303	26,306,074	27,488,722
Oct	9,590,523	11,813,098	9,566,410	8,772,112	9,096,691	16,517,355	19,243,597	18,596,326	24,706,690	27,516,291
Nov	9,847,845	11,004,567	8,183,856	7,995,092	8,719,200	16,465,681	18,032,656	18,223,943	26,545,142	27,169,683
Dec	11,979,177	11,804,682	8,616,101	8,597,203	11,727,016	18,595,308	18,559,729	20,858,387	26,947,195	27,979,007
Total	130,155,473	135,138,434	111,928,117	106,548,505	105,466,431	228,430,659	224,078,941	212,059,287	297,596,018	330,823,642

^{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 2011 showed a 2.2 percent increase in total cheese production to 2.25 billion pounds. The shares of total cheese production were: Mozzarella at 58.1 percent (up 3.8 percent), Cheddar at 14.3 percent (down 4.4 percent), Monterey at 12.1 percent (down 0.8 percent), Hispanic at 5.0 percent (down 0.9 percent). Provolone and Parmesan cheeses accounted for 4.7 percent of total cheese production.

Production of Class 4b Products in California, 2007-2011

Month	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Monterey Jack Cheese						Cheddar Cheese				
	Pounds					Pounds				
Jan	29,271,143	24,564,891	22,546,102	23,492,941	20,306,568	43,292,682	32,341,978	33,111,189	29,671,140	29,820,982
Feb	24,684,667	22,519,144	24,375,253	19,797,083	20,099,145	41,368,807	30,464,194	25,338,147	27,068,189	24,875,394
Mar	29,897,445	24,306,311	24,981,852	22,424,525	25,253,864	41,452,887	32,856,643	31,339,570	30,538,280	25,279,864
Apr	29,178,864	23,632,768	24,267,953	24,260,294	22,963,273	39,753,156	31,935,877	32,380,561	27,064,593	26,916,904
May	28,721,088	24,831,275	24,591,592	23,478,401	22,923,933	42,212,683	33,074,399	34,007,394	29,226,162	28,322,053
Jun	27,710,931	21,674,076	21,625,531	19,920,969	21,464,708	39,539,101	31,133,530	33,583,342	31,787,674	27,472,916
Jul	29,515,263	22,787,902	22,016,927	25,115,882	23,177,685	40,476,091	33,712,433	30,060,800	27,313,353	26,411,830
Aug	28,200,727	25,821,116	22,172,017	24,047,976	22,627,383	39,416,099	28,470,304	30,021,705	27,547,913	27,782,527
Sep	25,882,051	27,094,071	22,525,128	24,259,422	21,982,640	33,299,122	26,271,253	28,510,617	23,702,840	25,242,677
Oct	28,433,338	27,133,232	23,638,731	22,372,236	26,292,605	33,187,506	30,213,318	29,777,773	27,171,527	24,481,068
Nov	24,595,931	25,418,727	23,110,415	22,637,564	23,436,302	35,215,224	30,502,345	24,741,789	26,395,986	26,172,245
Dec	22,965,759	22,587,347	23,618,045	23,226,467	22,343,878	39,986,355	34,141,419	30,624,351	27,808,287	27,785,424
Total	329,057,207	292,370,860	279,469,546	275,033,760	272,871,984	469,199,713	375,117,693	363,497,238	335,295,944	320,563,884
Mozzarella Cheese						Provolone				
	Pounds					Pounds				
Jan	96,910,010	97,418,310	91,831,717	97,658,336	111,618,493	4,701,693	3,610,809	4,104,780	3,295,872	3,754,227
Feb	87,584,812	91,292,659	84,801,757	90,194,149	101,347,559	4,699,088	3,511,158	3,378,444	3,887,441	4,079,552
Mar	98,826,334	95,584,075	95,485,403	104,771,802	112,700,932	5,467,193	3,555,639	3,907,176	4,647,435	4,323,265
Apr	94,128,408	92,601,565	88,905,658	102,805,265	105,951,609	5,026,590	3,971,330	4,003,416	4,663,364	4,561,385
May	94,534,952	92,222,389	90,727,314	104,870,431	114,440,484	4,941,906	4,995,198	3,550,495	4,642,214	4,831,906
Jun	94,098,677	90,235,360	85,779,136	102,259,547	105,176,394	5,043,879	3,491,759	3,770,096	4,295,537	4,353,692
Jul	96,729,507	88,240,121	89,973,827	106,245,730	105,759,933	4,551,155	4,498,673	3,636,158	4,367,184	4,421,088
Aug	93,680,426	89,253,121	90,547,410	110,385,462	107,208,705	5,560,565	4,477,620	4,692,826	4,603,794	4,323,885
Sep	90,753,268	88,360,120	91,787,318	108,801,595	104,588,113	5,640,721	4,189,447	3,253,015	4,643,128	4,842,886
Oct	96,576,510	92,802,123	96,965,173	107,504,333	108,441,075	4,743,989	3,682,958	4,346,048	4,148,208	4,711,260
Nov	93,947,264	91,756,977	99,220,628	110,630,064	108,872,466	4,399,572	3,448,439	3,839,708	4,185,486	4,974,223
Dec	99,104,236	95,825,552	95,793,881	110,871,858	118,448,036	3,518,471	3,257,456	3,695,966	3,506,981	4,082,905
Total	1,136,874,404	1,105,592,372	1,101,819,222	1,256,998,572	1,304,553,799	58,294,822	46,690,486	46,178,128	50,886,644	53,260,274
Hispanic Cheese						Other Cheese ^{1/}				
	Pounds					Pounds				
Jan	9,539,910	9,249,055	9,080,053	8,946,486	9,128,083	9,458,253	11,441,295	9,171,847	6,711,137	10,956,515
Feb	8,385,517	9,123,729	9,136,095	9,306,553	8,934,424	11,393,849	9,327,653	9,800,994	5,594,305	6,747,534
Mar	10,077,683	8,958,622	10,136,880	10,756,678	10,172,478	12,055,557	10,355,291	10,096,202	7,252,563	9,732,513
Apr	9,130,627	9,626,954	10,103,283	9,524,861	8,988,373	12,241,414	9,891,411	8,895,062	7,119,530	11,667,183
May	9,699,590	8,708,698	8,821,247	8,897,081	9,942,822	9,395,825	11,569,570	9,098,588	7,439,106	10,631,914
Jun	8,305,667	8,688,594	9,060,733	9,494,142	9,089,517	8,999,628	10,732,957	5,935,570	7,361,720	11,169,269
Jul	9,509,763	9,179,598	9,782,841	9,683,853	9,013,114	9,363,865	9,519,359	5,947,818	10,443,665	10,047,391
Aug	9,345,571	9,879,016	9,972,273	9,790,527	10,043,366	8,919,650	10,757,533	5,569,676	8,874,269	12,665,990
Sep	8,657,815	9,061,990	9,666,646	10,021,946	9,536,328	8,189,869	7,903,011	4,820,545	9,684,454	11,982,218
Oct	9,480,779	9,514,332	8,987,941	8,726,172	9,194,015	10,414,351	6,817,003	5,538,154	8,450,866	11,708,892
Nov	8,773,074	8,213,323	8,588,193	8,862,033	9,279,194	9,492,940	8,916,985	5,177,444	12,727,569	9,956,843
Dec	7,825,117	8,873,625	9,740,690	8,995,323	8,858,522	10,597,860	10,014,660	7,882,785	10,499,227	9,794,735
Total	108,731,113	109,077,536	113,076,875	113,005,655	112,180,236	120,523,061	117,246,728	87,934,685	102,158,411	127,060,997
Total Cheese										
	Pounds									
Jan	199,540,389	183,437,946	174,685,246	175,567,906	188,998,793					
Feb	181,690,890	172,188,966	160,615,480	161,803,224	172,330,462					
Mar	202,810,123	181,596,119	181,190,845	186,853,950	193,135,026					
Apr	194,449,671	177,665,156	174,030,488	180,664,304	183,782,845					
May	195,385,345	179,974,359	175,511,599	184,124,116	196,939,074					
Jun	189,137,423	172,401,911	165,412,142	181,740,230	185,067,910					
Jul	195,831,439	172,772,885	167,062,435	188,496,788	183,346,083					
Aug	190,990,732	173,368,926	169,235,902	190,099,235	187,236,676					
Sep	177,663,240	168,293,160	167,742,122	186,181,335	181,052,576					
Oct	188,734,329	177,017,833	175,077,775	182,879,704	189,436,995					
Nov	181,574,761	174,600,551	170,854,792	189,091,217	188,870,202					
Dec	189,441,970	179,920,391	176,099,510	190,401,058	195,709,385					
Total	2,287,250,312	2,113,238,203	2,057,518,336	2,197,903,067	2,245,906,027					

^{1/} Other cheese includes all cheeses not included in the cheese categories listed above.





Average Prices Paid to Producers

Average Prices Paid to Producers in California For All Bulk Milk (Grade A and Grade B), By Month, 2006-2011 ^{1/2/}

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
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
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

^{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, 2006-2011 ^{1/2/}

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
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
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

^{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, 2006-2011 ^{1/}

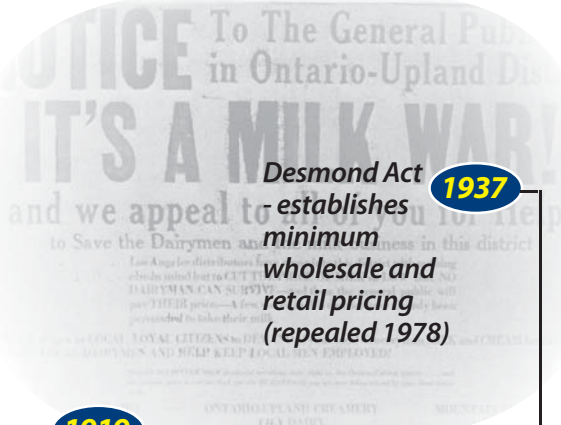
Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
2006	14.85	13.23	12.28	11.67	11.36	11.46	11.03	11.54	13.15	12.99	13.98	14.02	12.63
2007	14.03	14.58	15.39	16.43	19.32	22.03	21.71	20.59	20.69	19.43	21.68	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
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	12.12
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

^{1/} Prices are F.O.B. plant, at actual test.





California Historic Timeline



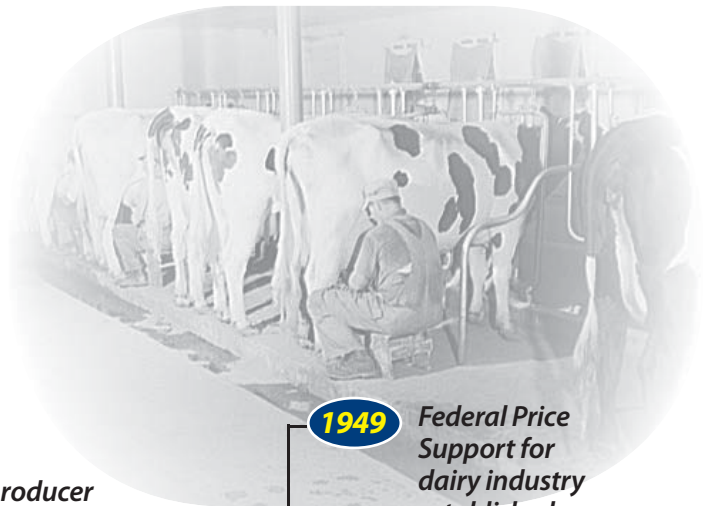
Desmond Act
- establishes
**minimum
wholesale and
retail pricing**
(repealed 1978)

1937

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

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

1933

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

1945

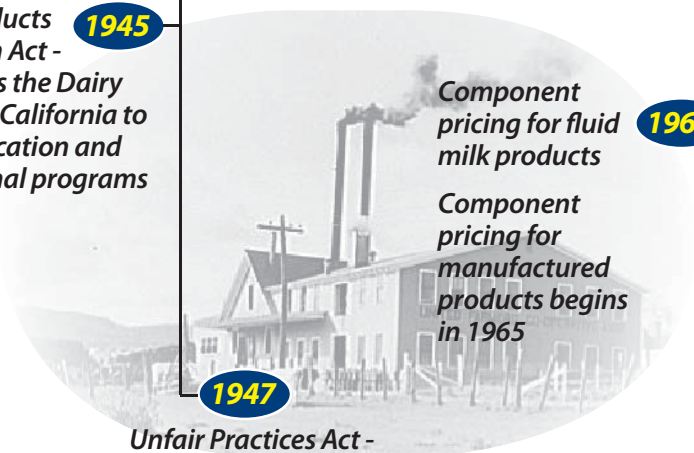
Component
pricing for fluid
milk products

Component
pricing for
manufactured
products begins
in 1965

1962

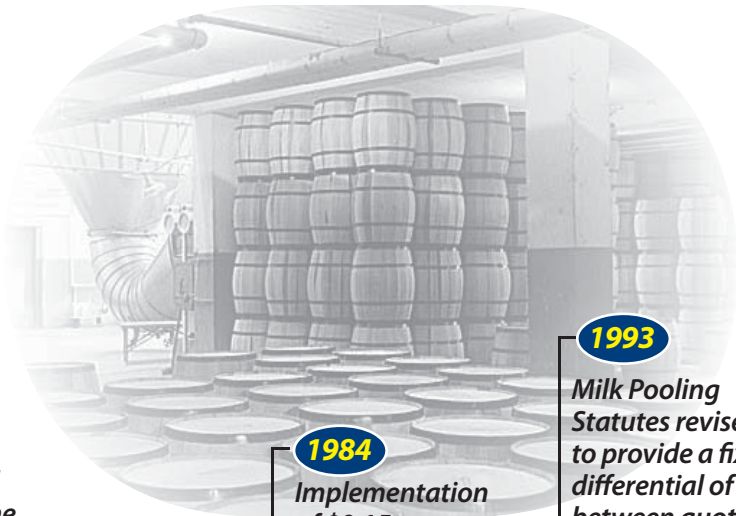
Unfair Practices Act -
Regulates unfair dairy
business practices,
prohibits sales below cost

1947





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

2011

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

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

1980

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

1973

Quality assurance dating was extended to most dairy products

2004

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

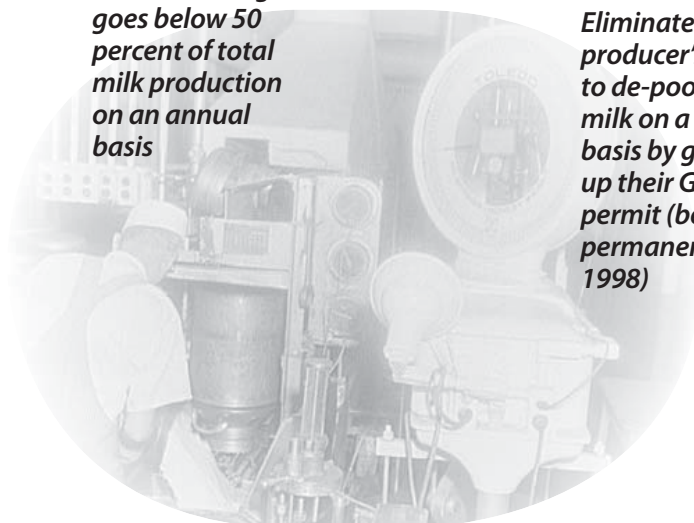
2009

Temporary 3-month increases to all class prices

2008

Minor amendments to transportation credits and allowances

Reductions to the Class 1, 2, and 3 prices





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