

California

DAIRY

Statistics & Trends

2002

Dairy Statistics Annual 2002

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California Department of Food and Agriculture

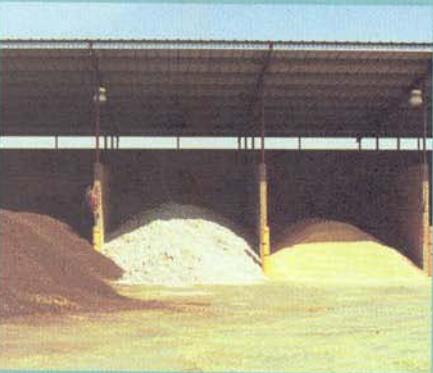
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Dairy Industry Overview

California's Place in the U.S. Dairy Industry

California milk and dairy product production continue to roll forward. During a year of uneventful weather patterns and steady (although more costly) energy availability, milk production soared to nearly 35 billion pounds. To put that figure into perspective, consider this — California's milk production in 2002 was greater than the combined milk production of Idaho, Michigan, Minnesota, New Mexico and Texas. Tulare County, the leading milk producing county in California at nearly 9 billion pounds per year, produced more milk than any of these states. From 2001 to 2002, California's milk production increased by 1.67 billion pounds; the increase alone was greater than the total production of 21 states!

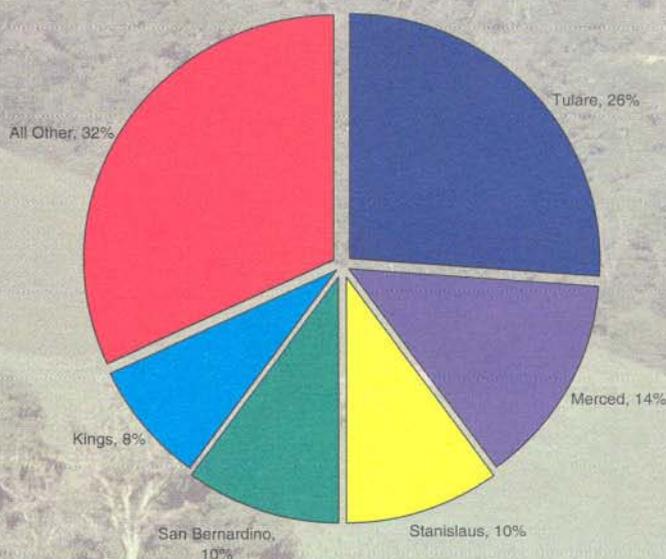
California is more than the leading milk producing state. It also leads all other states in production of butter, nonfat powder, cottage cheese and ice cream. While Wisconsin leads all states in cheese production, California appears poised to take over the top spot in the near future. In the last 10 years, California cheese production has more than doubled. Currently, California has a 20.4% share of the U.S. cheese market and is rapidly closing the production gap between the two states.

Production of Milk and Dairy Products

Consistent milk production describes accurately on-farm activities in 2002. After low to moderate milk production increases in 2001, California dairies responded with strong and steady increases throughout 2002. In August 2001, milk production increased by 5 percent relative to the prior year. In contrast, milk production increased by 5 percent or more in six months during 2002. The annual total for 2001 might have suggested that California milk production was beginning to slow, but the monthly data tell a different story. In fact, milk production actually gained momentum throughout 2001 and into 2002. From August 2001 through December 2002, milk production increased an average of 4.9% per month. The bulk of milk produced in California continues to be concentrated in just a handful of counties. In 2002, Tulare, Merced, Stanislaus, San Bernardino, and Kings counties accounted for two-thirds of the milk produced.

For the most part, milk utilization during 2002 continued to reflect recent trends. Production of butter, nonfat powder and cheese continued to play prominent roles in how plants converted the increasing milk supply into dairy products. Cheese led all classes in utilization on a total solids basis; 44% of the total solids produced were used to produce cheese. While six varieties of cheese have significant

Milk Production by County, 2002



production in California (there are a total of 200 varieties), mozzarella, Cheddar and Jack cheeses represent more than 87% of all cheese produced. Butter and nonfat powder production stalled briefly in 2001 but have rebounded to regain the volume lost last year. Combined, butter and nonfat powder accounted for 30% of all milk solids produced in 2002. Nonfat powder has posted the most significant production gains across all dairy products, increasing by nearly 50% since 1998 and 9% over 2001 totals. Milk used for fluid purposes (Class 1) has apparently reversed a trend of making very small gains or losses from year to year. In 2002, Class 1 sales increased by 1.8% on a total solids basis, relative to 2001. This represents the largest gain in Class 1 sales in 13 years.

Milk Prices and Hearing Results

Unfortunately, low farm milk prices are being experienced at the same time that milk production is surging. The low farm prices reflect the current imbalance between the milk supply and commercial demand for milk and dairy products nationwide. Class 4a prices have been hovering near the high \$9 to low \$10 per hundredweight range while the Class 4b prices have been fluctuating between the high \$8 and low \$10 per hundredweight range. August and September marked the first time since 1991 that the prices for both Class 4a and 4b were below \$10 per hundredweight in consecutive months. The overbase price was less than \$10 per hundredweight in six of the last seven months of 2002.

The available commercial dairy product sales data suggest the imbalance of milk supply with dairy product demand is not likely to improve anytime soon. Furthermore, the increasing purchase of surplus dairy products by the federal government's Commodity Credit Corporation (CCC) is another example of the national market imbalance. Sales of nonfat powder to the CCC have been commonplace for many years, but the recent purchases of Cheddar cheese and butter are harbingers that attaining a desirable equilibrium in wholesale markets may still be months away.

Low farm milk prices across the U.S. have been offset somewhat by the federal payments to dairy farmers through the Milk Income Loss Contract program and various disaster relief packages. These programs have an ambivalent quality about them. While dairy producers welcome the additional income, the payments tend to blunt the market signals that suggest that milk production must fall in order for milk prices to rise.

While long term solutions to low milk prices have not yet materialized, the results of a public hearing held in January 2003 will help to increase prices to producers. The hearing focused on adjustments to manufacturing cost allowances, product yields, f.o.b. California price adjusters and the inclusion of a whey pricing component in the Class 4b formula. If the Department's announced changes to the pricing formulas were in effect



January 1998 through December 2002, the prices for Classes 2, 3 and 4a would have increased by \$0.10 per hundredweight relative to the current pricing formulas. For Class 4b, the increase would have been \$0.19 per hundredweight. Changes to annual pool prices would have averaged \$0.11 per hundredweight over the five-year period.



2002 Dairy Facts & Highlights

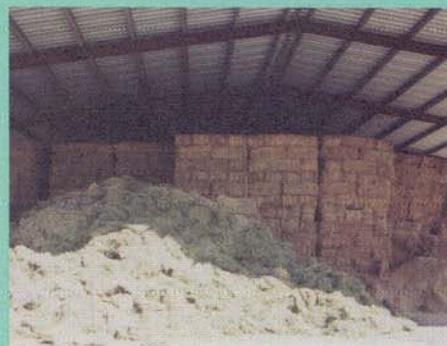
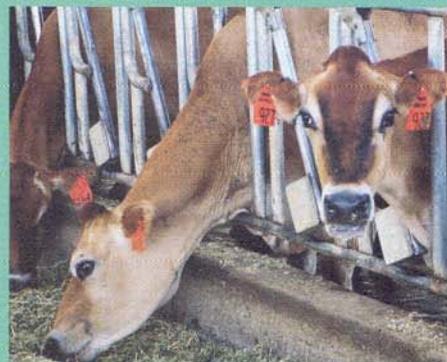
The following are statistics, facts, and highlights of information relating to California's agricultural and dairy industries. California has been the leading state in agricultural production for over 50 years and the sales of milk and cream continue to be an important agricultural commodity for California, generating \$3.8 billion in 2002.

Rankings

- California ranked first in milk production in the U.S., followed by Wisconsin, New York, and Pennsylvania.
- California continues to lead the nation in the production of butter, nonfat dry milk, ice cream, cottage cheese, and whey protein concentrate. California ranks second in total cheese production.
- California led the nation in the total number of dairy cows at 1.6 million cows and had the highest average herd size at 776 cows per dairy.
- California ranked fourth in milk production per cow at 20,904 pounds per year, following Arizona, Washington, and Colorado.

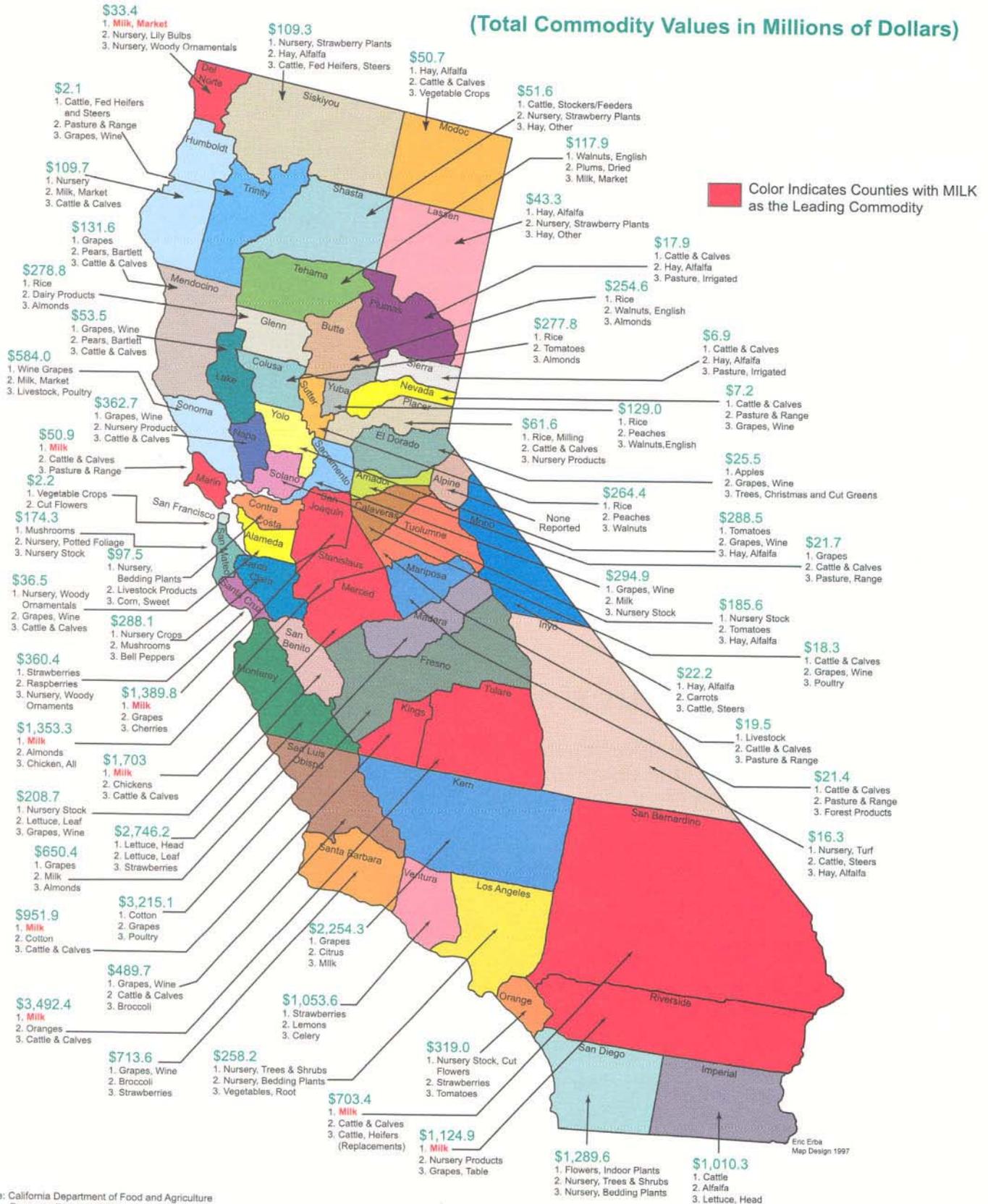
Facts, Tidbits, and Highlights

- California produces one out of every five glasses of milk in the U.S.
- Approximately one out of every six dairy cows in the U.S. lives in California, where the average dairy herd size is 776 cows.
- Approximately 44 percent of the milk produced in California is used to make cheese (it takes ten pounds of milk to make one pound of cheese). California produces approximately one out of every five pounds of cheese produced in the U.S.
- California's total milk production was 34.8 billion pounds, a 5 percent increase from 2001 totals, and 20 percent of the nation's total milk production.
- The five leading counties in milk production (Grade A) for 2002 were, in ranking order: Tulare (26 percent), Merced (14 percent), Stanislaus (10 percent), San Bernardino (10 percent), and Kings (8 percent). These five counties accounted for 67 percent of California's total milk production.
- In California, there are 60 cheese processing plants processing over 200 varieties of cheese for a total of 1.72 billion pounds.
- Sales of fluid milk in California average 39 percent whole milk, 31 percent reduced fat milk, 14 percent lowfat milk, and 14 percent skim milk.



California's Leading Agricultural Commodities by County, for the Year 2001

(Total Commodity Values in Millions of Dollars)



Source: California Department of Food and Agriculture Resource Directory 2002



California

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 Marketings of Dairy Products, 1997 2002 ^{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>
1997	1,380	1,391	19,829	3.64	27,582	3.64	3,629,762
1998	1,400	1,420	19,475	3.67	27,654	3.67	4,140,659
1999	1,440	1,466	20,777	3.66	30,453	3.66	4,090,952
2000	1,490	1,526	21,149	3.68	32,273	3.68	3,703,920
2001	1,560	1,589	20,913	3.68	33,217	3.68	4,631,864
2002 ^{3/}	1,590	1,647	21,180	3.69	34,884	3.69	3,819,798

^{1/} USDA/NASS data. Source: "Cattle Report" and "Milk Production, Disposition and Income."

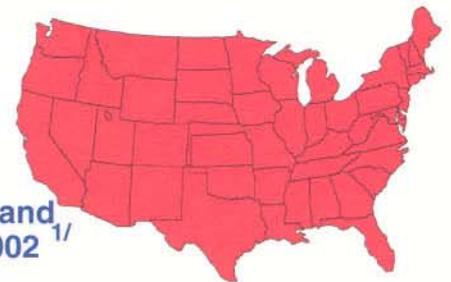
^{2/} All milk and cream.

^{3/} Figures for 2002 are preliminary.

United States

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 Marketings of Dairy Products, 1997 2002 ^{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>
1997	9,318	9,252	16,871	3.66	156,091	3.66	20,936,726
1998	9,199	9,154	17,189	3.66	157,348	3.66	24,114,036
1999	9,133	9,156	17,772	3.67	162,716	3.67	23,207,099
2000	9,190	9,206	18,201	3.68	167,559	3.68	20,621,983
2001	9,183	9,114	18,159	3.67	165,497	3.67	24,694,531
2002 ^{3/}	9,117	9,141	18,571	N/A	169,758	N/A	N/A

^{1/} USDA/NASS data. Source: "Cattle Report" and "Milk Production, Disposition and Income"

^{2/} All milk and cream.

^{3/} Figures for 2002 are preliminary.

N/A – Unavailable at time of release.

Tables are derived from USDA/NASS statistics.

Total milk production figures on all farms includes all milk produced on the farm.



Cows, Production, Receipts, by State

Total Production on Farms, Estimated Number of Milk Cows on Farms, Average Production Per Milk Cow, by State, 2002 ^{1/2/}

State	Total Production on Farms		Milk cows on farms ^{2/}	Average production	Rank in U.S. United States Production	Percent of United States Production
	Milk	% Change from 2001		per milk cow Milk		
	<i>Million Pounds</i>		<i>Thousands</i>	<i>Pounds</i>		<i>Percent</i>
Alabama	277	-7.7	20	14,286	43	0.2
Alaska	18	23.1	1	13,600	50	0.0
Arizona	3,429	11.6	146	23,486	13	2.0
Arkansas	393	-9.0	32	12,281	38	0.2
California	34,884	5.0	1,647	21,180	1	20.5
Colorado	2,159	9.6	100	21,590	17	1.3
Connecticut	447	-2.0	24	18,625	37	0.3
Delaware	154	2.7	9	16,559	46	0.1
Florida	2,332	-3.3	150	15,547	16	1.4
Georgia	1,470	2.6	85	17,294	25	0.9
Hawaii	97	-8.5	7	14,667	47	0.1
Idaho	8,155	5.1	388	21,018	6	4.8
Illinois	2,051	1.5	115	17,835	19	1.2
Indiana	2,601	1.3	150	17,340	15	1.5
Iowa	3,804	0.5	209	18,201	12	2.2
Kansas	2,010	24.8	103	19,515	20	1.2
Kentucky	1,614	-2.8	122	1,660	24	1.0
Louisiana	581	-8.1	50	11,620	34	0.3
Maine	656	0.3	37	17,730	32	0.4
Maryland	1,327	2.6	81	16,383	27	0.8
Massachusetts	361	1.1	21	17,190	40	0.2
Michigan	5,945	1.3	299	19,883	8	3.5
Minnesota	8,458	-4.0	487	17,368	5	5.0
Mississippi	478	-3.8	34	14,059	36	0.3
Missouri	1,946	-0.2	137	14,204	21	1.1
Montana	341	-1.4	18	18,944	41	0.2
Nebraska	1,170	0.3	67	17,463	30	0.7
Nevada	485	0.0	25	19,400	35	0.3
New Hampshire	328	1.9	18	18,222	42	0.2
New Jersey	236	1.3	13	18,154	45	0.1
New Mexico	6,316	13.6	299	21,124	7	3.7
New York	12,217	3.7	678	18,019	3	7.2
North Carolina	1,137	-1.5	64	17,766	31	0.7
North Dakota	585	-9.2	40	14,625	33	0.3
Ohio	4,475	4.2	262	17,080	11	2.6
Oklahoma	1,294	0.1	88	14,705	29	0.8
Oregon	2,093	21.9	114	18,360	18	1.2
Pennsylvania	10,775	-0.7	585	18,419	4	6.3
Rhode Island	23	-1.3	1	16,357	49	0.0
South Carolina	364	-0.8	20	18,200	39	0.2
South Dakota	1,404	-11.1	96	14,625	26	0.8
Tennessee	1,315	-1.5	88	14,943	28	0.8
Texas	5,300	3.8	309	17,152	10	3.1
Utah	1,659	1.5	93	17,839	23	1.0
Vermont	2,703	1.3	154	17,552	14	1.6
Virginia	1,891	0.3	120	15,758	22	1.1
Washington	5,620	1.9	247	22,753	9	3.3
West Virginia	243	-2.4	16	15,188	44	0.1
Wisconsin	22,074	-0.6	1,271	17,367	2	13.0
Wyoming	63	0.6	4	14,409	48	0.0
United States ^{3/}	169,758	2.6	9,141	18,571		

^{1/} USDA/NASS data.

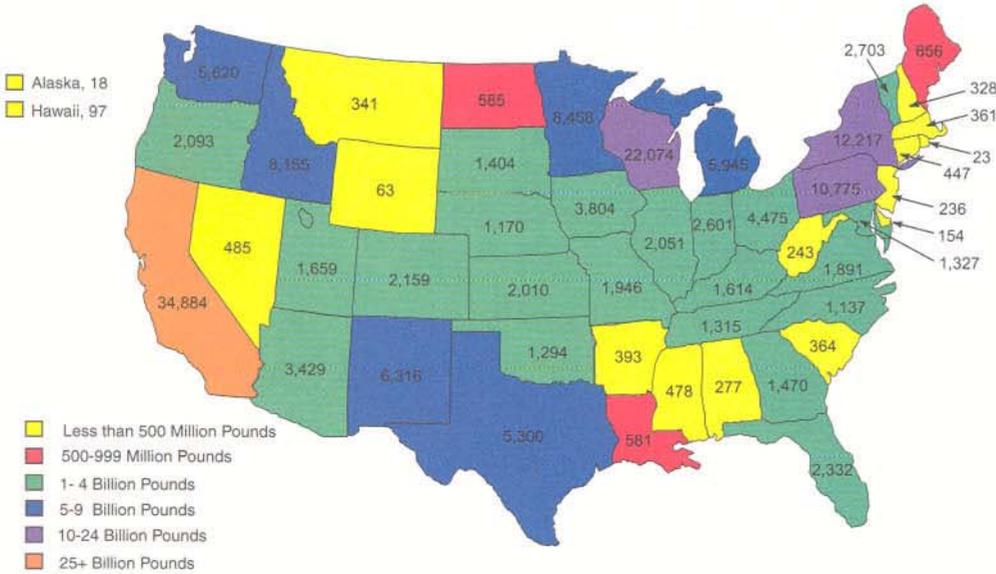
^{2/} Average number during year, heifers that have not freshened excluded.

^{3/} State totals may not add to U.S. totals because of rounding.



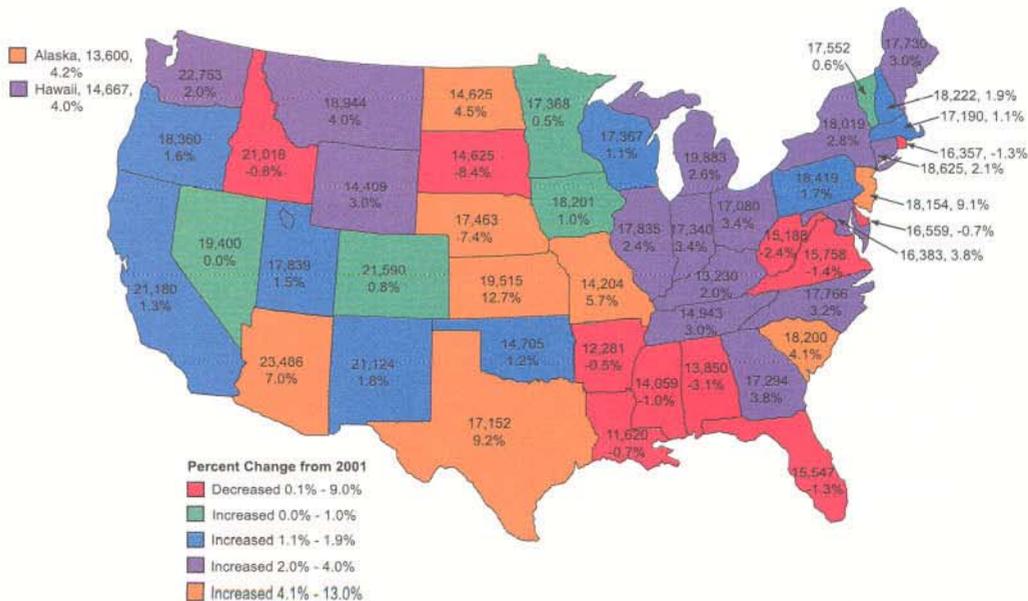
Milk Production, Milk Per Cow, by State

U.S. Milk Production, 2002 (Million Pounds)



- The strongest increase in milk production was recorded by Kansas (up 24.8%), while the largest decline in milk production was experienced by South Dakota (down 11.1%).
- California continues to lead the nation in total milk production at 34.8 billion pounds, 12 billion pounds more than the second ranking milk producing state of Wisconsin (22 billion pounds).
- U.S. milk production for 2002 showed an overall 2.6% increase over 2001 production.

Milk Production Per Cow, 2002 Percent Change from 2001



- Overall U.S. milk production per cow for 2002 showed an increase of 2.3% over 2001.
- Eleven states reported decreases in milk production per cow for 2002.
- Kansas reported the largest increase in milk production per cow (up 12.7%), while South Dakota reported the largest decrease in milk production per cow (down 8.4%).



Commercial Milk Production



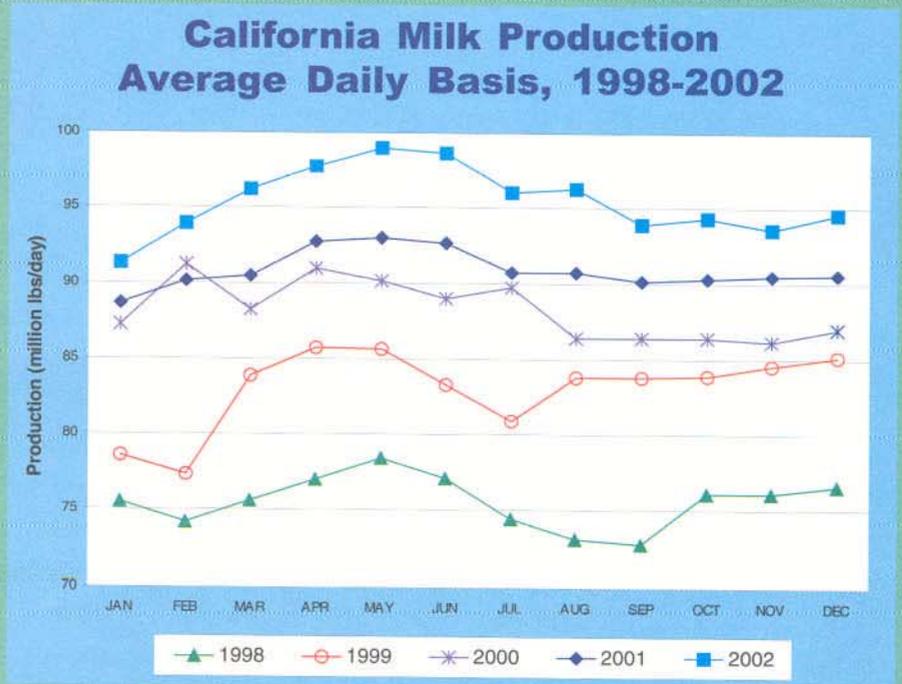
California commercial milk production increased 5 percent in 2002 to 34.8 billion pounds, in contrast to decreasing milk production in many parts of the country. The majority of the milk was market grade (Grade A), with less than one percent manufacturing grade (Grade B). A portion of the manufacturing grade milk was produced by traditionally market grade dairies that opted to operate as manufacturing grade facilities.

The 47 counties of the northern California region accounted for 84 percent of the market milk and 96 percent of the manufacturing milk produced commercially during 2002.

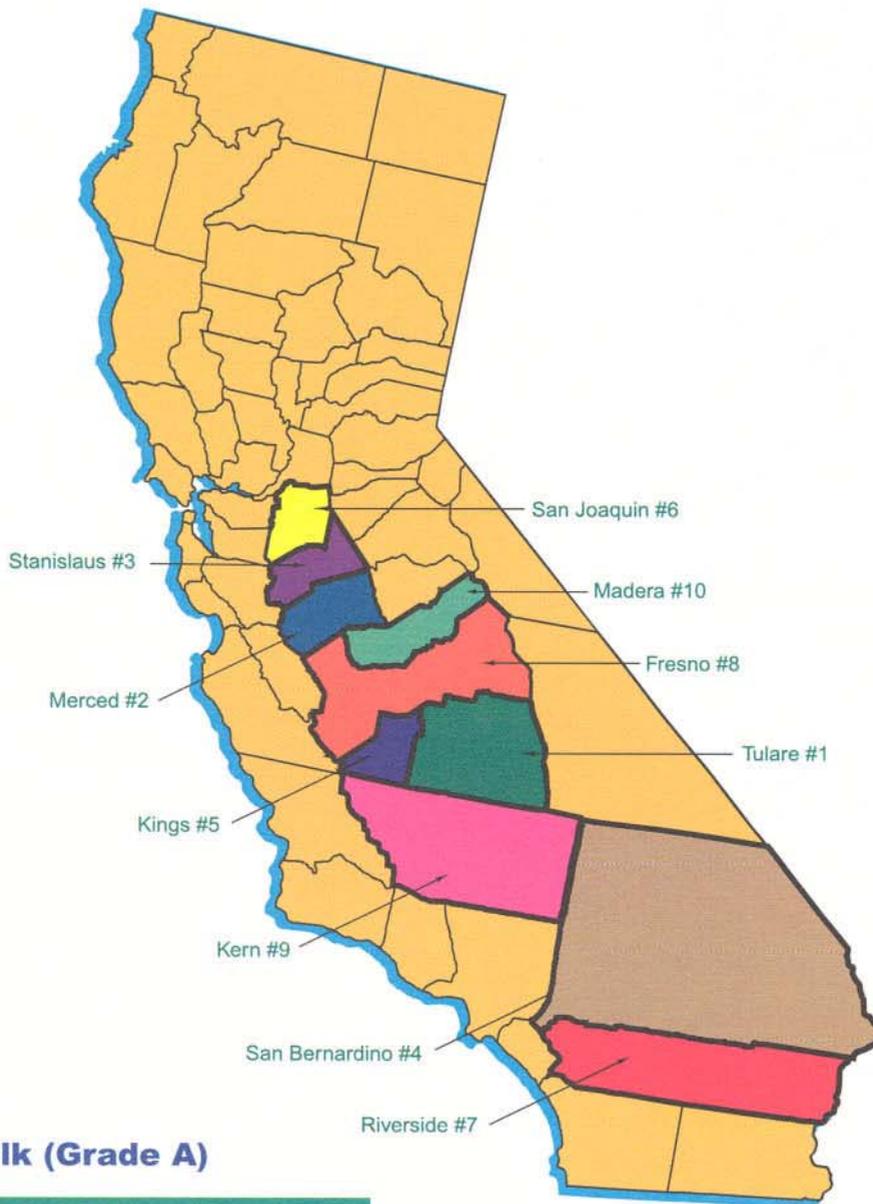
The five leading counties in total milk production for 2002, in ranking order, were: Tulare (26 percent), Merced (14 percent); Stanislaus (10 percent); San Bernardino (10 percent); and Kings (8 percent). These five counties accounted for 67 percent of California's total market milk production.

The five leading counties in manufacturing milk production, in ranking order, were: Humboldt (27 percent); Merced (17 percent); Stanislaus (14 percent); Glenn (10 percent); and Tulare (8 percent). These five counties accounted for 76 percent of California's total manufacturing milk production.

The following chart represents the production of milk, in millions of pounds per day, on a monthly basis from January 1998 through December 2002.



Top 10 Milk Producing Counties in 2002



Market Milk (Grade A)

County (by rank)	Pounds of Milk Produced in 2002 (in thousand pounds)	% Change from 2001
Tulare	8,928,146	6.28%
Merced	4,729,013	5.93%
Stanislaus	3,544,088	5.08%
San Bernardino	3,328,631	5.44%
Kings	2,826,141	3.09%
San Joaquin	2,149,993	1.47%
Riverside	2,049,201	-1.46%
Fresno	1,844,774	2.12%
Kern	1,757,562	16.89%
Madera	1,015,115	11.72%

Manufacturing Milk (Grade B)

County (by rank)	Pounds of Milk Produced in 2002 (in thousand pounds)	% Change from 2001
Humboldt	89,186	-7.21%
Merced	55,209	14.30%
Stanislaus	47,203	11.90%
Glenn	33,388	-10.32%
Tulare	27,204	38.09%



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, 2001 and 2002

County and Region	2001			2002		
	Number Cows	Number Dairies	Average Number Cows/Dairy	Number Cows	Number Dairies	Average Number Cows/Dairy
Butte	709	4	177	709	5	142
Colusa ^{3/}		1			1	
Contra Costa ^{3/}		2			2	
Del Norte	2,741	9	305	2,099	10	210
Fresno	84,440	107	789	86,115	109	790
Glenn	15,365	59	260	17,830	66	270
Humboldt	16,483	101	163	18,087	94	192
Kern	71,584	38	1,884	85,830	41	2,093
Kings	126,645	149	850	146,545	148	990
Madera	44,426	50	889	49,899	56	891
Marin	9,762	29	337	9,583	29	330
Mendocino ^{3/}		2			2	
Merced	212,127	334	635	224,895	331	679
Monterey	1,959	3	653	1,531	4	383
Placer ^{3/}		1			1	
Sacramento	17,159	50	343	17,239	51	338
San Benito	749	3	250	751	3	250
San Joaquin	101,070	155	652	99,828	151	661
Santa Clara ^{3/}		2			2	
Santa Cruz ^{3/}		1			1	
Shasta ^{3/}		1			1	
Siskiyou	1,731	5	346	1,732	5	346
Solano	1,527	4	382	1,518	4	380
Sonoma	30,742	88	349	30,975	84	369
Stanislaus	156,930	318	493	164,558	309	533
Sutter ^{3/}		1			1	
Tehama	5,259	29	181	5,361	24	223
Tulare	375,505	309	1,215	424,643	314	1,352
Yolo	1,842	3	614	2,087	3	696
Yuba	3,222	4	806	3,279	4	820
Northern California	1,288,476	1,862	692	1,401,462	1,856	755
Imperial ^{3/}		2			2	
Los Angeles ^{3/}		2			2	
Riverside	100,434	94	1,068	97,275	96	1,013
San Bernardino	152,466	184	829	158,010	184	859
San Diego	5,985	9	665	5,763	9	640
San Luis Obispo ^{3/}		1			1	
Santa Barbara	2,787	3	929	2,473	3	824
Southern California	266,672	295	904	268,310	297	903
STATE TOTALS	1,555,148	2,157	721	1,669,772	2,153	776

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

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

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



Commercial Production of Bulk Milk

Commercial Production of Bulk Milk, Average Milk Fat and Solids-Not-Fat Test in California, by Year, 1998-2002

Year and Month	Market	Bulk Milk Manufacturing		Average Milk Fat Test			Average Solids not Fat Test			Total Bulk Milk Change From Prior Year
		Market	Total ^{2/}	Market	Manufacturing	Total	Market	Manufacturing	Total	Percent
		Thousand Pounds		Percent			Percent			Percent
1998	27,184,791	400,747	27,585,538	3.66	4.01	3.66	8.74	8.86	8.75	0.1
1999	30,032,734	377,162	30,409,896	3.66	4.03	3.66	8.76	8.95	8.76	10.2
2000	31,826,556	381,023	32,207,579	3.68	4.02	3.68	8.76	8.94	8.76	5.9
2001	32,849,558	333,834	33,183,392	3.68	3.99	3.68	8.76	8.94	8.76	3.0
2002	34,515,053	332,607	34,847,660	3.69	3.99	3.69	8.75	8.91	8.75	5.0
1999										
January	2,407,762	29,011	2,436,773	3.77	4.13	3.77	8.83	8.95	8.83	4.1
February	2,219,672	23,046	2,242,718	3.74	4.14	3.75	8.80	8.96	8.81	8.0
March	2,570,400	30,027	2,600,427	3.67	3.97	3.67	8.78	8.90	8.78	11.0
April	2,539,723	32,637	2,572,360	3.66	3.97	3.67	8.77	8.91	8.77	11.3
May	2,621,217	33,810	2,655,027	3.59	3.96	3.59	8.74	8.98	8.74	9.3
June	2,467,756	32,125	2,499,881	3.55	3.92	3.55	8.71	8.86	8.71	8.1
July	2,479,178	29,997	2,509,175	3.52	3.94	3.53	8.68	8.85	8.68	8.7
August	2,565,468	32,217	2,597,685	3.57	3.96	3.58	8.70	9.20	8.70	14.6
September	2,474,749	41,056	2,515,805	3.60	3.93	3.61	8.71	8.81	8.72	15.3
October	2,569,263	33,171	2,602,434	3.66	4.11	3.67	8.76	8.99	8.76	10.3
November	2,507,210	31,051	2,538,262	3.73	4.14	3.74	8.79	8.99	8.79	11.2
December	2,610,336	29,014	2,639,349	3.81	4.24	3.81	8.83	9.04	8.83	11.1
2000										
January	2,675,387	30,472	2,705,859	3.78	4.09	3.78	8.79	8.99	8.79	11.0
February	2,532,143	23,688	2,555,830	3.75	4.10	3.75	8.77	8.97	8.77	14.0
March	2,699,327	37,097	2,736,425	3.75	4.03	3.75	8.76	8.94	8.77	5.2
April	2,694,556	34,332	2,728,888	3.64	3.94	3.64	8.75	8.96	8.75	6.1
May	2,760,890	35,328	2,796,218	3.61	3.94	3.61	8.73	8.97	8.73	5.3
June	2,631,735	37,581	2,669,316	3.55	3.86	3.56	8.69	8.88	8.70	6.8
July	2,745,053	36,394	2,781,447	3.56	3.90	3.56	8.69	8.88	8.69	10.9
August	2,645,520	33,167	2,678,687	3.59	3.97	3.59	8.69	8.88	8.69	3.1
September	2,562,894	29,938	2,592,832	3.64	4.04	3.65	8.74	8.90	8.74	3.1
October	2,647,305	31,780	2,679,084	3.70	4.11	3.71	8.79	8.97	8.80	2.9
November	2,558,462	26,443	2,584,905	3.79	4.25	3.80	8.84	9.02	8.84	1.8
December	2,673,283	24,802	2,698,086	3.79	4.22	3.79	8.82	8.98	8.82	2.2
2001										
January	2,725,280	22,849	2,748,129	3.81	4.15	3.81	8.83	8.97	8.83	1.6
February	2,505,698	20,092	2,525,791	3.77	4.10	3.77	8.81	8.96	8.81	-1.2
March	2,780,611	25,908	2,806,519	3.71	3.95	3.71	8.76	8.93	8.76	2.6
April	2,758,191	25,370	2,783,561	3.66	3.91	3.66	8.75	8.94	8.76	2.0
May	2,851,446	31,365	2,882,811	3.60	3.85	3.60	8.69	8.90	8.70	3.1
June	2,746,912	33,752	2,780,664	3.57	3.83	3.57	8.67	8.85	8.68	4.2
July	2,780,829	32,555	2,813,384	3.57	3.84	3.58	8.67	9.05	8.67	1.1
August	2,784,151	29,730	2,813,881	3.59	3.92	3.59	8.70	8.87	8.70	5.0
September	2,677,954	27,214	2,705,167	3.63	3.99	3.63	8.75	8.93	8.76	4.3
October	2,772,649	27,138	2,799,787	3.69	4.11	3.69	8.79	8.98	8.79	4.5
November	2,687,003	28,831	2,715,834	3.76	4.12	3.77	8.82	8.94	8.82	5.1
December	2,778,834	29,031	2,807,865	3.85	4.24	3.85	8.85	9.01	8.85	4.1
2002										
January	2,809,011	22,974	2,831,984	3.84	4.17	3.84	8.81	8.97	8.81	3.1
February	2,608,151	21,827	2,629,978	3.79	4.07	3.79	8.79	8.96	8.80	4.1
March	2,956,143	25,504	2,981,647	3.72	3.94	3.72	8.79	8.92	8.79	6.2
April	2,901,416	31,910	2,933,326	3.66	3.87	3.66	8.75	8.90	8.75	5.4
May	3,040,541	29,291	3,069,832	3.62	3.90	3.63	8.75	8.93	8.75	6.5
June	2,924,359	35,613	2,959,972	3.57	3.83	3.58	8.71	8.84	8.71	6.4
July	2,945,362	31,649	2,977,011	3.55	3.87	3.56	8.68	8.85	8.68	5.8
August	2,955,696	29,336	2,985,032	3.58	3.97	3.58	8.70	8.88	8.70	6.1
September	2,788,724	28,052	2,816,776	3.64	4.02	3.64	8.71	8.90	8.71	4.1
October	2,894,900	28,629	2,923,529	3.70	4.08	3.71	8.75	8.92	8.76	4.4
November	2,781,330	26,348	2,807,678	3.78	4.16	3.78	8.80	8.97	8.80	3.4
December	2,909,421	21,473	2,930,894	3.80	4.24	3.80	8.80	8.98	8.80	4.4

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

^{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, 1998-2002 ^{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	13,836	595	14,432	3.99	3.82	3.98	9.01	8.40	8.98	31
Colusa ^{4/}										36
Contra Costa ^{4/}										19
Del Norte	33,668	12,120	45,788	3.83	4.60	4.03	8.84	9.29	8.96	22
Fresno	1,842,574	2,200	1,844,774	3.66	3.66	3.66	8.76	8.79	8.76	8
Glenn	329,345	33,388	362,733	3.71	3.72	3.71	8.76	8.75	8.76	12
Humboldt	212,718	89,186	301,904	3.89	4.48	4.07	8.86	9.15	8.94	14
Kern	1,754,901	2,661	1,757,562	3.67	3.74	3.67	8.72	8.71	8.72	9
Kings	2,819,534	6,607	2,826,141	3.67	3.65	3.67	8.75	8.78	8.75	5
Madera	1,007,308	7,807	1,015,115	3.72	4.16	3.72	8.73	8.93	8.73	10
Marin	205,449	156	205,605	3.63	3.64	3.63	8.83	8.79	8.83	15
Mendocino ^{4/}										27
Merced	4,673,804	55,209	4,729,013	3.74	3.75	3.74	8.78	8.79	8.78	2
Monterey	32,156	32	32,188	3.79	3.83	3.79	8.78	8.84	8.78	26
Placer ^{4/}										30
Sacramento	341,377	9,321	350,699	3.78	3.79	3.78	8.70	8.70	8.70	13
San Benito	16,873	0	16,873	3.78		3.78	8.78		8.78	29
San Joaquin	2,141,645	8,348	2,149,993	3.73	3.73	3.73	8.74	8.72	8.74	6
Santa Clara ^{4/}										33
Santa Cruz ^{4/}										37
Shasta ^{4/}										35
Siskiyou	35,236	0	35,236	3.71		3.71	8.78		8.78	25
Solano	30,803	85	30,889	3.83	3.65	3.83	8.83	8.85	8.83	28
Sonoma	663,031	1,558	664,590	3.71	3.74	3.71	8.83	8.90	8.83	11
Stanislaus	3,496,858	47,230	3,544,088	3.73	3.81	3.73	8.77	8.80	8.77	3
Sutter ^{4/}										32
Tehama	98,001	11,054	109,055	4.05	4.22	4.06	8.93	9.18	8.95	17
Tulare	8,900,942	27,204	8,928,146	3.68	3.67	3.68	8.76	8.79	8.76	1
Yolo	38,687	3,766	42,453	4.01	4.15	4.02	8.86	8.98	8.87	23
Yuba	66,629	74	66,703	3.99	4.20	3.99	8.80	8.96	8.80	18
Northern California	28,885,157	318,636	29,203,794	3.70	4.01	3.71	8.76	8.92	8.76	
Imperial ^{4/}										21
Los Angeles ^{4/}										24
Riverside	2,047,366	1,835	2,049,201	3.61	3.56	3.61	8.70	8.64	8.70	7
San Bernardino	3,319,084	9,547	3,328,631	3.58	3.59	3.58	8.71	8.69	8.71	4
San Diego	121,409	0	121,409	3.44		3.44	8.70		8.70	16
San Luis Obispo ^{4/}										34
Santa Barbara	51,073	2,141	53,214	3.58	3.55	3.57	8.69	8.64	8.69	20
Southern California	5,629,896	13,971	5,643,866	3.59	3.59	3.59	8.71	8.68	8.71	
STATE TOTALS	34,515,053	332,607	34,847,660	3.69	3.99	3.69	8.75	8.91	8.75	

^{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.



Commerical Milk Production, by County, by Month

Commercial Production of All Milk in California, by Counties and Regions, 2002 ^{1/}

County and Region ^{2/}	January	February	March	April	May	June
	<i>Pounds</i>					
Butte	1,017,515	1,010,926	1,208,362	1,260,280	1,310,660	1,294,614
Colusa ^{3/}						
Contra Costa ^{3/}						
Del Norte	4,075,732	3,815,504	4,553,846	4,629,219	5,040,260	5,807,714
Fresno	150,047,676	139,883,642	158,950,758	155,807,384	161,595,049	155,536,820
Glenn	27,982,277	26,620,351	29,018,997	30,790,218	32,373,187	30,768,735
Humboldt	20,490,896	18,770,734	21,811,489	25,868,001	27,296,009	27,894,063
Kern	136,335,396	133,071,621	147,324,867	144,355,953	151,605,986	144,170,972
Kings	231,351,282	214,470,861	243,670,594	237,689,534	248,713,501	238,709,421
Madera	76,189,192	69,929,033	80,172,729	82,569,675	88,340,456	85,996,970
Marin	16,949,615	15,285,845	17,071,108	16,592,543	17,420,174	17,329,611
Mendocino ^{3/}						
Merced	377,870,923	347,370,102	391,802,751	384,248,357	407,447,202	400,567,675
Monterey	2,811,849	2,578,936	2,836,976	2,490,781	2,668,834	2,647,290
Placer ^{3/}						
Sacramento	28,690,702	26,496,251	29,530,502	28,962,070	30,747,750	30,752,119
San Benito	1,440,633	1,286,847	1,423,221	1,395,150	1,489,417	1,504,441
San Joaquin	179,344,678	164,848,426	183,577,403	175,798,872	184,427,186	181,630,320
Santa Clara ^{3/}						
Santa Cruz ^{3/}						
Shasta ^{3/}						
Siskiyou	3,006,097	2,696,344	2,909,796	2,946,971	3,161,590	2,997,494
Solano	2,614,681	2,314,415	2,625,176	2,565,949	2,688,607	2,706,807
Sonoma	54,394,610	49,464,628	55,884,505	54,752,192	57,662,708	56,504,188
Stanislaus	283,610,584	260,349,474	293,982,432	290,866,266	307,349,934	304,369,602
Sutter ^{3/}						
Tehama	8,888,980	8,248,642	8,276,648	9,626,807	10,411,688	9,183,978
Tulare	739,346,591	683,106,041	781,529,156	762,747,708	790,805,063	749,677,356
Yolo	3,091,669	2,930,538	3,447,530	3,573,508	3,832,229	3,651,442
Yuba	5,574,627	5,238,682	5,780,862	5,556,382	5,730,647	5,349,159
Northern California	2,366,319,490	2,189,525,882	2,478,439,981	2,435,832,566	2,553,459,769	2,470,357,008
Imperial ^{3/}						
Los Angeles ^{3/}						
Riverside	177,572,146	169,162,366	193,529,620	185,242,532	186,053,366	174,750,997
San Bernardino	265,830,874	250,987,760	286,581,960	288,957,040	306,811,013	292,046,732
San Diego	9,707,735	9,079,122	10,385,892	10,367,474	10,767,652	10,411,681
San Luis Obispo ^{3/}						
Santa Barbara	5,185,451	4,269,423	4,549,038	4,702,061	4,792,160	4,749,488
Southern California	465,664,942	440,452,540	503,207,374	497,493,302	516,372,265	489,614,965
STATE TOTALS	2,831,984,432	2,629,978,422	2,981,647,355	2,933,325,868	3,069,832,034	2,959,971,973

^{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, 2002 ^{1/} - Continued

July	August	September	October	November	December	Total
<i>Pounds</i>						
1,327,904	1,277,450	1,183,930	1,210,945	1,156,154	1,172,897	14,431,637
4,843,957	3,045,866	2,567,569	2,657,198	2,341,778	2,409,392	45,788,035
155,753,092	157,437,540	149,131,359	155,466,190	149,065,650	156,098,747	1,844,773,907
31,154,398	30,760,438	30,184,895	31,449,979	29,937,017	31,692,010	362,732,502
29,023,311	29,789,011	27,825,926	26,195,407	23,892,877	23,046,477	301,904,201
140,803,253	150,256,848	146,058,727	154,362,060	151,125,759	158,090,519	1,757,561,961
237,954,459	238,143,996	227,121,927	236,284,649	230,463,033	241,568,213	2,826,141,470
90,155,814	91,189,238	86,004,505	89,252,518	86,085,286	89,229,988	1,015,115,404
18,217,756	18,066,591	16,989,050	17,442,323	16,812,759	17,427,687	205,605,062
416,578,187	421,232,613	393,728,144	403,839,899	384,984,958	399,342,085	4,729,012,896
2,779,285	2,723,288	2,611,878	2,662,239	2,667,189	2,709,402	32,187,947
31,135,025	30,756,807	28,255,371	29,152,938	27,773,355	28,445,935	350,698,825
1,278,479	1,519,211	1,424,215	1,427,142	1,308,803	1,375,752	16,873,311
187,308,120	187,826,309	175,276,152	180,139,030	171,965,889	177,850,700	2,149,993,085
3,017,548	2,846,317	2,879,394	2,939,139	2,859,052	2,976,689	35,236,431
2,818,316	2,749,735	2,493,776	2,464,790	2,385,927	2,460,638	30,888,817
59,109,076	58,106,443	55,035,652	56,162,405	53,426,902	54,086,553	664,589,862
312,523,440	312,975,578	294,433,994	300,847,870	286,793,869	295,984,817	3,544,087,860
9,453,319	9,247,336	8,938,977	9,146,451	8,609,547	9,022,566	109,054,939
734,747,194	743,743,670	713,130,285	745,461,291	719,899,640	763,952,216	8,928,146,211
3,874,456	3,702,203	3,478,053	3,652,666	3,515,531	3,702,800	42,452,625
5,479,906	5,615,511	5,364,511	5,730,714	5,499,425	5,782,900	66,703,326
2,491,024,947	2,514,315,371	2,384,543,395	2,468,473,770	2,372,639,504	2,478,861,937	29,203,793,620
171,932,894	168,998,217	155,370,294	159,595,806	152,770,685	154,222,451	2,049,201,374
291,155,081	279,812,814	255,904,271	273,379,285	261,305,085	275,858,953	3,328,630,868
10,526,788	10,300,667	9,784,224	10,302,107	9,738,050	10,037,475	121,408,867
5,007,953	4,257,812	4,024,636	4,096,086	3,766,041	3,813,739	53,213,888
485,985,804	470,716,632	432,232,639	455,055,266	435,038,473	452,032,224	5,643,866,426
2,977,010,751	2,985,032,003	2,816,776,034	2,923,529,036	2,807,677,977	2,930,894,161	34,847,660,046



Market Milk Production, by County, by Month

Commercial Production of All Market Milk in California, by Counties and Regions, 2002 ^{1/}

County and Region	January	February	March	April	May	June
Pounds						
Butte	1017515	968557	1161832	1205610	1251601	1207780
Colusa ^{3/}						
Contra Costa ^{3/}						
Del Norte	3605653	3392344	3884569	3751015	3982392	3635577
Fresno	149857437	139641886	158672458	155641446	161441302	155307448
Glenn	25513881	24042947	27494239	27496506	28982504	27426592
Humboldt	14481297	12742921	15965034	17738201	19472669	19041024
Kern	136335396	132661139	146959828	144219987	151336066	144117539
Kings	230899547	214251070	243188900	237117848	248091359	238158330
Madera	75936597	69403658	79885883	82065155	87820966	84556085
Marin	16949615	15285845	17071108	16592543	17420174	17296215
Mendocino ^{3/}						
Merced	374212403	343487267	386957521	377853414	401379722	394856619
Monterey	2811849	2578936	2836976	2490781	2668834	2647290
Placer ^{3/}						
Sacramento	27969113	25871425	28674253	28213073	29705666	29525590
San Benito	1440633	1286847	1423221	1395150	1489417	1504441
San Joaquin	178675309	163964031	182822873	175029424	183696046	180994177
Santa Clara ^{3/}						
Santa Cruz ^{3/}						
Shasta ^{3/}						
Siskiyou	3006097	2696344	2909796	2946971	3161590	2997494
Solano	2604544	2314415	2625176	2565949	2644341	2706807
Sonoma	54255797	49284476	55450747	54304840	57662708	56504188
Stanislaus	280462874	257223296	289303310	288110430	304754515	300378349
Sutter ^{3/}						
Tehama	7901031	7416616	8193573	8686449	8824110	7995008
Tulare	736142531	681923247	779405788	759957389	789257421	746121927
Yolo	3091669	2930538	3447530	3573508	3832229	3651442
Yuba	5574627	5238682	5780862	5556382	5706154	5349159
Northern California	2,343,938,700	2,168,344,526	2,455,154,793	2,407,238,950	2,525,923,418	2,437,285,298
Imperial ^{3/}						
Los Angeles ^{3/}						
Riverside	177514570	169038435	192971667	184867707	185894858	174463413
San Bernardino	265295606	250465777	285096862	287891250	305214971	290329759
San Diego	9707735	9079122	10385892	10367474	10767652	10411681
San Luis Obispo ^{3/}						
Santa Barbara	5185451	4269423	4549038	3097999	4792160	4213046
Southern California	465,072,098	439,806,626	500,988,367	494,177,003	514,617,715	487,073,966
STATE TOTALS	2,809,010,798	2,608,151,152	2,956,143,160	2,901,415,953	3,040,541,133	2,924,359,264

^{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, 2002 ^{1/} - Continued

July	August	September	October	November	December	Total
Pounds						
1268860	1222888	1137839	1166874	1104836	1122066	13,836,258
3626821	1699303	1530489	1579798	1423743	1556027	33,667,731
155545851	157359548	149046021	155289928	148891875	155878908	1,842,574,108
28042529	27794840	27425107	28324950	26995825	29804764	329,344,684
19606128	20767500	19370529	19150634	17458012	16923848	212,717,797
140625553	150047488	146058727	153841795	150700272	157997370	1,754,901,160
237251973	237671968	226655725	235774726	230032865	240439893	2,819,534,204
89570908	90758191	85760326	88280906	85081501	88187847	1,007,308,023
18217756	18052445	16989050	17354268	16812759	17407661	205,449,439
410688326	417346728	390906237	399905498	381109824	395100477	4,673,804,036
2779285	2723288	2611878	2630719	2667189	2709402	32,156,427
30526387	30120143	27594706	28526872	26863300	27786826	341,377,354
1278479	1519211	1424215	1427142	1308803	1375752	16,873,311
186449499	187267424	174669582	179597353	171066152	177412771	2,141,644,641
3017548	2846317	2879394	2939139	2859052	2976689	35,236,431
2818316	2749735	2462833	2464790	2385927	2460638	30,803,471
59109076	58014021	55030667	55977777	53387944	54049153	663,031,394
307582644	306596247	286070453	297325104	284761283	294289329	3,496,857,834
8489666	8203997	8130345	8355975	7624729	8179544	98,001,043
732605697	742104123	711910788	742970419	716288653	762254245	8,900,942,228
3874456	3702203	3478053	1403546	2441712	3259738	38,686,624
5430363	5615511	5364511	5730714	5499425	5782900	66,629,290
2,460,094,773	2,485,486,491	2,356,922,051	2,440,544,854	2,346,834,785	2,457,388,802	28,885,157,441
171723834	168956616	155370294	159571525	152770685	154222451	2,047,366,055
290645078	279347490	255473308	272703006	260761637	275858953	3,319,083,697
10526788	10300667	9784224	10302107	9738050	10037475	121,408,867
5007953	4257812	4024636	4096086	3766041	3813739	51,073,384
485,266,741	470,209,707	431,801,676	454,354,706	434,495,025	452,032,224	5,629,895,854
2,945,361,514	2,955,696,198	2,788,723,727	2,894,899,560	2,781,329,810	2,909,421,026	34,515,053,295



Manufacturing Milk, by County, by Month

Commercial Production of All Manufacturing Milk in California, by Counties and Regions, 2002 ^{1/}

County and Region ^{2/}	January	February	March	April	May	June
	Pounds					
Butte		42369	46530	54670	59059	86834
Colusa ^{3/}						
Contra Costa ^{3/}						
Del Norte	470079	423160	669277	878204	1057868	2172137
Fresno	190239	241756	278300	165938	153747	229372
Glenn	2468396	2577404	1524758	3293712	3390683	3342143
Humboldt	6009599	6027813	5846455	8129800	7823340	8853039
Kern		410482	365039	135966	269920	53433
Kings	451735	219791	481694	571686	622142	551091
Madera	252595	525375	286846	504520	519490	1440885
Marin						33396
Mendocino ^{3/}						
Merced	3658520	3882835	4845230	6394943	6067480	5711056
Monterey						
Placer ^{3/}						
Sacramento	721589	624826	856249	748997	1042084	1226529
San Benito						
San Joaquin	669369	884395	754530	769448	731140	636143
Santa Clara ^{3/}						
Santa Cruz ^{3/}						
Solano	10137				44266	
Sonoma	138813	180152	433758	447352		
Stanislaus	3147710	3126178	4679122	2755836	2595419	3991253
Sutter ^{3/}						
Tehama	987949	832026	83075	940358	1587578	1188970
Tulare	3204060	1182794	2123368	2790319	1547642	3555429
Yolo						
Yuba					24493	
Northern California	22,380,790	21,181,356	23,285,188	28,593,616	27,536,351	33,071,710
Imperial ^{3/}						
Los Angeles ^{3/}						
Riverside	57576	123931	557953	374825	158508	287584
San Bernardino	535268	521983	1485098	1065790	1596042	1716973
San Diego						
San Luis Obispo ^{3/}						
Santa Barbara				1604062		536442
Southern California	592,844	645,914	2,219,007	3,316,299	1,754,550	2,540,999
STATE TOTALS	22,973,634	21,827,270	25,504,195	31,909,915	29,290,901	35,612,709

^{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.

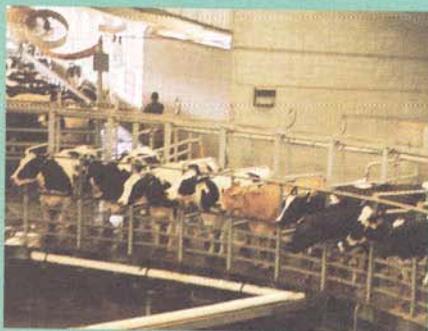


Manufacturing Milk, by County, by Month

Commercial Production of All Manufacturing Milk in California, by Counties and Regions, 2002 ^{1/}

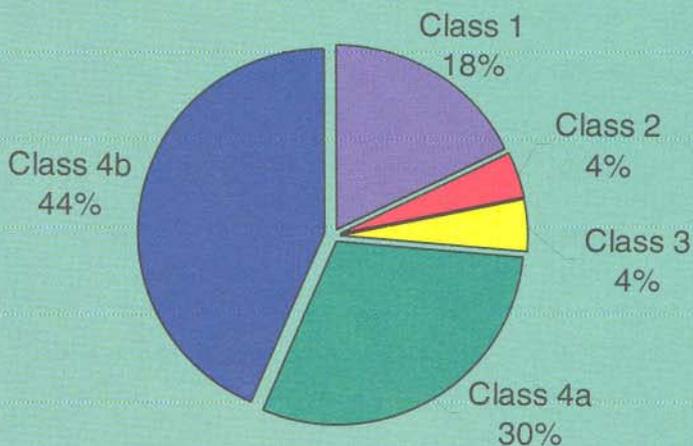
July	August	September	October	November	December	Total
Pounds						
59044	54562	46091	44071	51318	50831	595,379
1217136	1346563	1037080	1077400	918035	853365	12,120,304
207241	77992	85338	176262	173775	219839	2,199,799
3111869	2965598	2759788	3125029	2941192	1887246	33,387,818
9417183	9021511	8455397	7044773	6434865	6122629	89,186,404
177700	209360		520265	425487	93149	2,660,801
702486	472028	466202	509923	430168	1128320	6,607,266
584906	431047	244179	971612	1003785	1042141	7,807,381
	14146		88055		20026	155,623
5889861	3885885	2821907	3934401 31520	3875134	4241608	55,208,860 31,520
608638	636664	660665	626066	910055	659109	9,321,471
858621	558885	606570	541677	899737	437929	8,348,444
		30943				85,346
	92422	4985	184628	38958	37400	1,558,468
4940796	6379331	8363541	3522766	2032586	1695488	47,230,026
963653	1043339	808632	790476	984818	843022	11,053,896
2141497	1639547	1219497	2490872	3610987	1697971	27,203,983
			2249120	1073819	443062	3,766,001
49543						74,036
30,930,174	28,828,880	27,621,344	27,928,916	25,804,719	21,473,135	318,636,179
209060	41601		24281			1,835,319
510003	465324	430963	676279	543448		9,547,171
						2,140,504
719,063	506,925	430,963	700,560	543,448	0	13,970,572
31,649,237	29,335,805	28,052,307	28,629,476	26,348,167	21,473,135	332,606,751



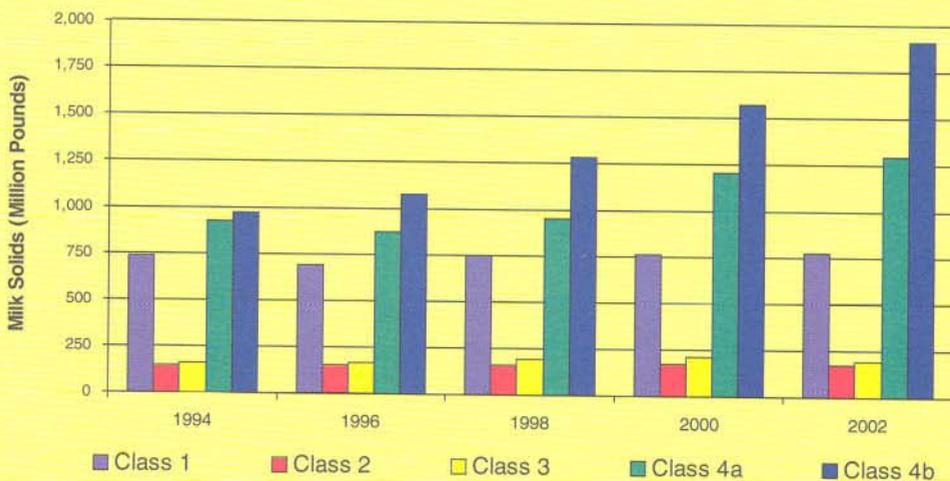


In 2002, utilization of pooled Grade A milkfat and solids-not-fat (SNF) pounds both increased at a rate of 5.8 percent as compared to the previous year. In addition, as compared to 2001, the breakdown of the utilization of the following classes of milk pounds on a total solids basis were as follows: Class 1, fluid dairy products (increased 1.9%); Class 2, soft dairy products (no change); Class 3, frozen dairy products (decreased 9.4%); Class 4a, butter and powder (increased 10.2%); and Class 4b, cheese (increased 7%).

Utilization of Milk in California by Class, 2002



Use of Total Pool Milk Solids in California by Class, 1994-2002



Pooled Milk Utilization

Utilization of Pooled Milk Fat, in California by Class, by Year, 1998 2002 ^{1/ 2/ 3/}

Year	Class 1	Class 2	Class 3	Class 4a	Class 4b	Fat Total	Fat \$ Value	Quota ^{4/}	Non Quota
<i>Thousand Pounds</i>									
1998	142,592	57,323	114,232	322,066	350,517	986,730	\$1,752,402,667	342,757	643,973
1999	141,418	56,923	106,939	385,187	400,301	1,090,769	\$1,448,145,114	346,073	744,695
2000	146,495	60,418	125,855	384,092	445,695	1,162,554	\$1,428,110,493	345,693	816,862
2001	145,359	63,274	126,854	369,661	512,567	1,217,716	\$2,221,965,889	353,386	864,329
2002	149,627	64,262	103,043	428,231	543,425	1,288,589	\$1,514,847,606	364,584	924,005

^{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.

^{4/} Includes other source milk, effective July 1, 1997.

Utilization of Pooled Milk Solids Not Fat, in California by Class, by Year, 1998 2002 ^{1/ 2/ 3/}

Year	Class 1	Class 2	Class 3	Class 4a	Class 4b	SNF Total	SNF \$ Value	Quota ^{4/}	Non Quota
<i>Thousand Pounds</i>									
1998	609,021	105,963	80,934	629,288	928,321	2,353,528	\$2,353,527,761	831,359	1,522,169
1999	610,396	109,337	88,420	781,071	1,017,703	2,606,926	\$2,606,926,225	837,470	1,769,456
2000	619,363	114,992	87,204	821,340	1,120,843	2,763,740	\$2,214,494,836	837,899	1,925,876
2001	617,076	110,026	88,959	805,123	1,273,808	2,894,992	\$2,401,731,486	859,272	2,035,720
2002	626,958	108,973	92,435	866,546	1,367,722	3,062,633	\$2,329,631,660	889,973	2,172,660

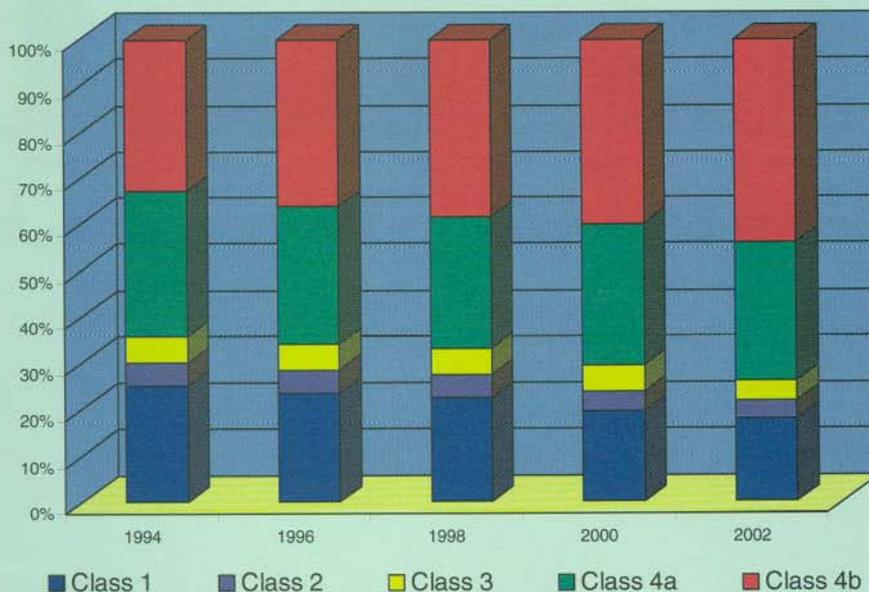
^{1/} Data are subject to revision.

^{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.

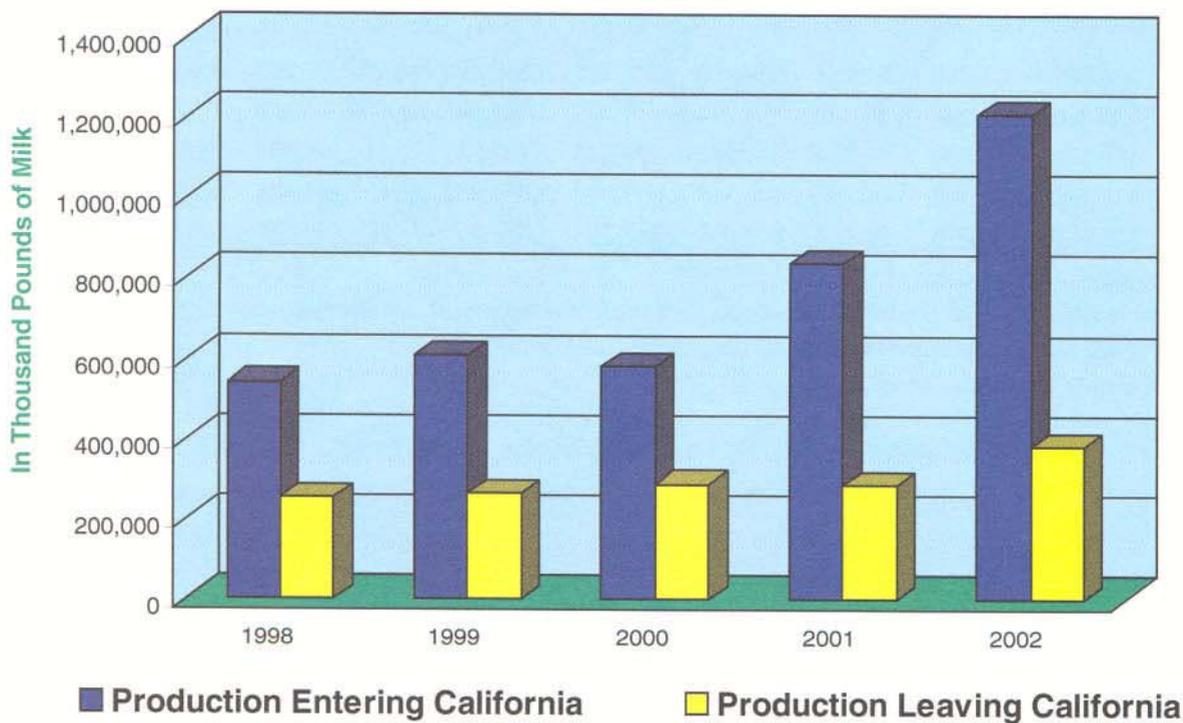
^{4/} Includes other source milk, effective July 1, 1997.

Utilization of Milk in California, by Class, 1994-2002



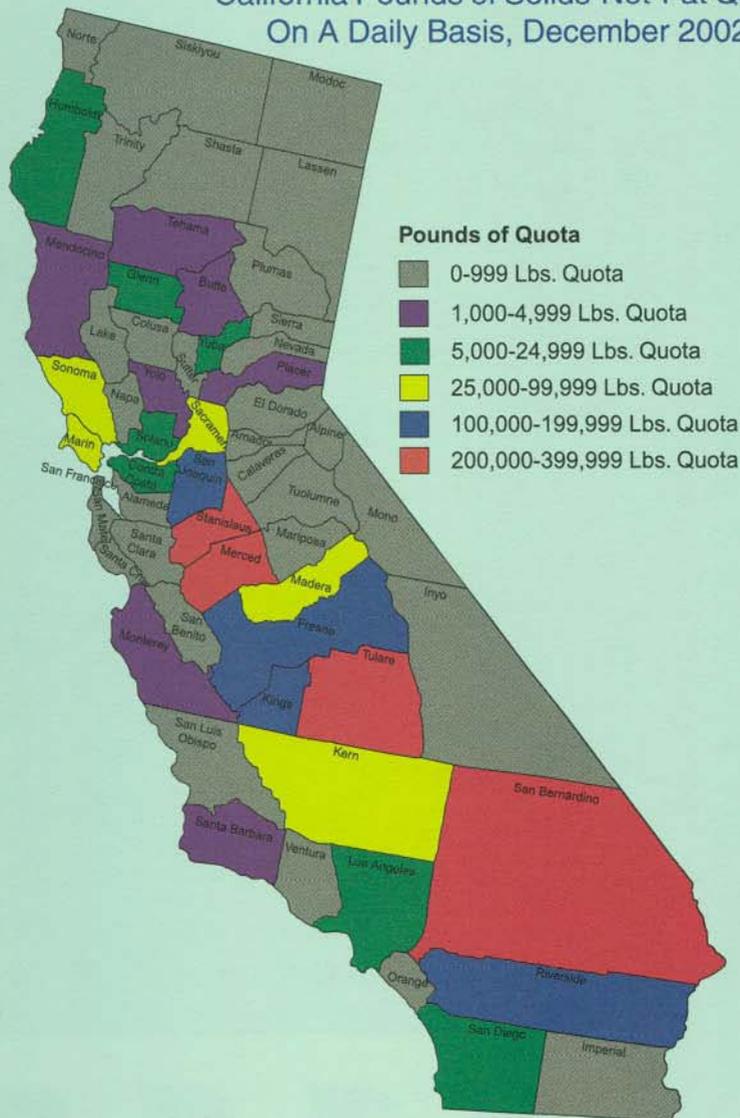
Net Milk Available in California
 California Commercial Milk Production, Production Entering, Production Leaving,
 Net Milk Available, in Thousand Pounds, 1998-2002

Year	California Milk Production	Production Entering California	Production Leaving California	Net Milk Available in California
1998	27,585,538	540,893	253,158	27,873,273
1999	30,409,896	609,224	264,414	30,754,706
2000	32,207,577	582,026	289,187	32,500,416
2001	33,183,393	840,655	285,282	33,738,766
2002	34,847,659	1,208,973	382,219	35,674,413



Where Is the Quota in California?

California Pounds of Solids-Not-Fat Quota
On A Daily Basis, December 2002



QUOTA TRANSFER SUMMARY

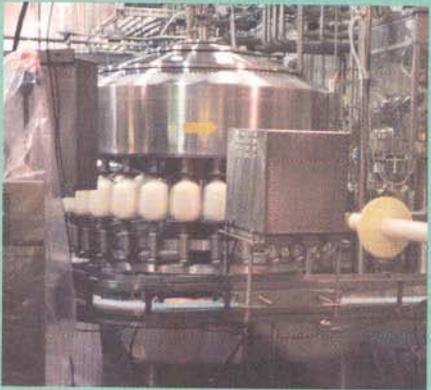
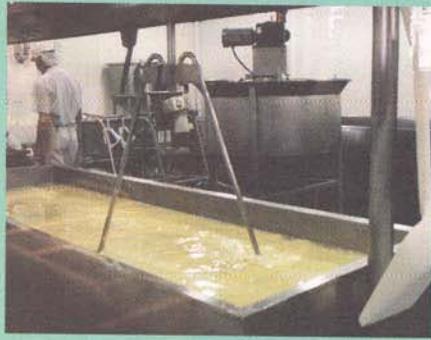
Summary of Quota Transfers and Sales, Based on Solids-Not-Fat, 1998-2002

	Number of Sellers	Number of Buyers	Average Price ^{1/} (dollars)	SNF Transferred (pounds)	Average Ratio
1998	107	137	\$323	76,122	2.45
1999	63	93	\$386	77,278	2.44
2000	73	110	\$410	71,276	2.41
2001	58	92	\$421	54,321	2.44
2002	53	64	\$488	42,938	2.40

^{1/} Sales without cows.



Sales of Class 1 Market Milk Products



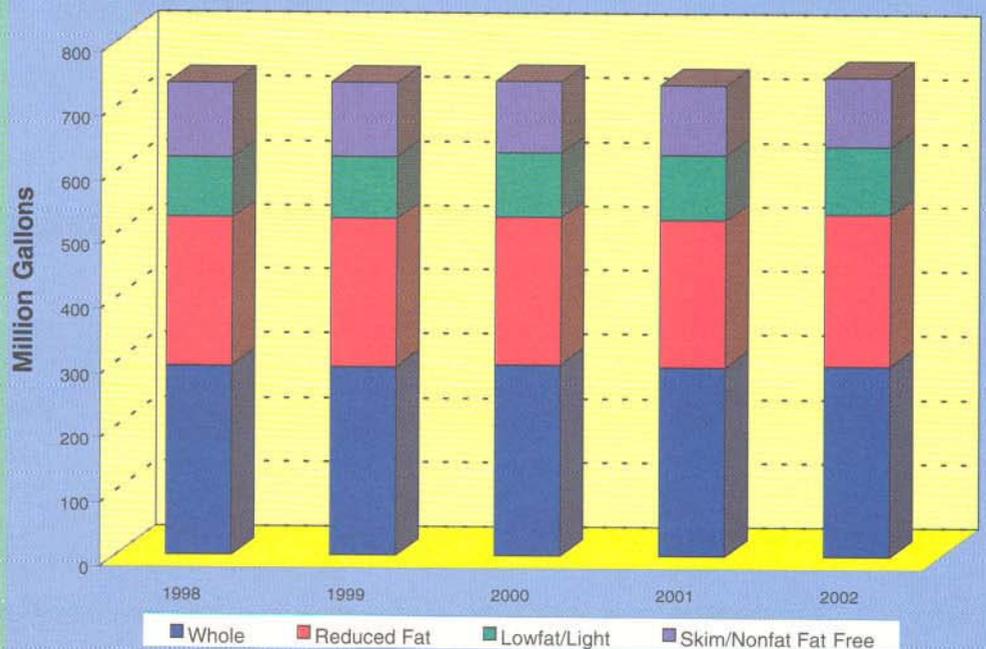
For 2002, overall Class 1 sales were up 1.8%, with sales of whole, reduced fat, lowfat, and half-and-half showing increases, while skim milk sales showed a decrease. With the exception of skim milk sales, all other Class 1 sales surpassed previous year levels.

Sales of fluid Class 1 products made up 98 percent of all Class 1 sales, 39 percent whole, 31 percent reduced fat, 14 percent lowfat, and 14 percent skim.

Fluid Milk Composition

	Fat	SNF
Whole	3.5	8.7
Reduced Fat	2.0	10.0
Lowfat	1.0	11.0
Skim	0.1	9.0

Sales of Fluid Class 1 Market Milk Products California, 1998-2002



Class 1 Sales

Sales of Class 1 Market Milk Products in California, by Year, 1998-2002¹

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>		
1998	294,670	230,819	94,754	114,546	734,789	11,324	746,409	-0.8
1999	294,421	229,583	97,948	113,677	735,629	12,768	748,682	0.3
2000	297,815	229,453	102,128	110,540	739,936	13,002	753,217	0.6
2001	294,777	227,821	103,897	107,892	734,386	13,318	747,708	-0.7
2002	298,109	234,507	106,755	106,946	746,316	14,904	761,224	1.8
1999								
January	24,194	19,085	8,056	9,747	61,082	924	62,043	-2.9
February	22,573	17,826	7,559	9,182	57,138	954	58,116	-1.6
March	25,300	20,044	8,618	10,473	64,436	1,078	65,546	1.1
April	24,264	19,066	8,044	9,608	60,982	1,084	62,086	2.3
May	24,442	19,211	8,319	9,776	61,748	1,033	62,803	1.0
June	23,981	18,511	7,579	8,986	59,057	1,034	60,112	-1.4
July	25,052	19,176	7,588	8,861	60,678	1,043	61,735	1.8
August	25,773	19,488	7,662	8,735	61,657	1,093	62,771	3.9
September	25,004	19,236	8,759	9,590	62,589	1,104	63,714	0.5
October	24,300	19,442	8,715	9,905	62,362	1,097	63,483	-2.8
November	24,081	18,917	8,568	9,559	61,126	1,145	62,292	3.0
December	25,457	19,579	8,480	9,256	62,772	1,179	63,980	-0.9
2000								
January	24,553	19,102	8,661	9,609	61,924	1,035	63,002	1.5
February	24,003	18,412	8,276	9,368	60,059	1,041	61,118	5.2
March	25,923	20,077	9,189	10,139	65,328	1,113	66,461	1.4
April	23,365	18,187	8,015	8,883	58,449	989	59,456	-4.2
May	24,683	19,321	8,891	9,750	62,645	1,029	63,695	1.4
June	24,582	18,840	7,952	8,941	60,315	1,049	61,378	2.1
July	24,570	18,890	7,656	8,161	59,277	1,019	60,316	-2.3
August	25,256	19,212	8,116	8,538	61,121	1,079	62,227	-0.9
September	25,378	19,569	9,157	9,568	63,672	1,061	64,772	1.7
October	25,095	19,426	9,231	9,489	63,241	1,137	64,400	1.4
November	24,877	18,994	8,627	9,191	61,690	1,250	62,964	1.1
December	25,530	19,425	8,357	8,902	62,215	1,201	63,428	-0.9
2001								
January	24,935	19,260	8,764	9,425	62,384	1,098	63,482	0.8
February	22,898	17,780	8,372	8,535	57,585	1,060	58,645	-4.0
March	26,190	20,158	9,582	10,064	65,993	1,183	67,177	1.1
April	23,946	18,323	8,537	8,857	59,663	1,093	60,757	2.2
May	24,335	18,842	9,176	9,414	61,767	1,115	62,883	-1.3
June	24,679	18,848	8,212	8,811	60,550	1,063	61,613	0.4
July	24,275	18,684	7,552	8,034	58,544	1,079	59,623	-1.1
August	25,176	19,362	8,079	8,418	61,035	1,108	62,144	-0.1
September	24,019	18,970	8,817	9,218	61,024	1,023	62,048	-4.2
October	24,864	19,495	9,464	9,870	63,692	1,099	64,792	0.6
November	24,443	18,931	8,845	8,825	61,044	1,143	62,187	-1.2
December	25,017	19,168	8,497	8,422	61,104	1,253	62,357	-1.7
2002								
January	24,816	19,280	8,855	8,920	61,871	1,093	62,964	-0.8
February	22,408	17,964	8,287	8,491	57,151	1,065	58,217	-0.7
March	24,978	20,049	9,165	9,318	63,510	1,174	64,685	-3.7
April	24,240	19,200	9,070	8,909	61,419	1,135	62,555	3.0
May	25,156	19,686	9,539	9,401	63,782	1,173	64,955	3.3
June	24,146	19,011	8,190	8,358	59,705	1,210	60,915	-1.1
July	25,162	19,649	7,938	7,965	60,714	1,249	61,963	3.9
August	26,027	20,406	8,531	8,281	63,246	1,270	64,517	3.8
September	24,647	19,635	9,900	9,084	63,266	1,264	64,530	4.0
October	25,859	20,198	9,583	10,006	65,646	1,362	67,009	3.4
November	24,962	19,604	8,984	9,332	62,882	1,448	64,330	3.4
December	25,707	19,824	8,713	8,879	63,122	1,461	64,584	3.6

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

^{2/} Miscellaneous Class 1 Products are included in the total. See Table 13 for annual total of miscellaneous Class 1 products.



Fluid Milk Sales Container Survey for October 2002 Sales of Market Whole, Reduced Fat, Lowfat, and Skim Milks - October 2002

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

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

The following chart summary was provided for each California market milk handler in addition to being published in the Dairy Information Bulletin and the 2003 Statistics Annual. The summary includes all container sizes and their characteristic, the number of units sold for each size container, and the percentage of Class 1 sales represented by each size container. For this summary, all sales were expressed in the number of units sold in each particular container size - not in gallons of milk sold in that size container. However, the percentages are reported as an approximate percentage of the total gallons sold for each size container. For example, the half gallon plastic containers totaled 5.5 million containers sold, which represented 4.37% of the reported Class 1 sales totals for October 2002.

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

- Gallon plastic containers (69%)
- Half gallon paper containers (10%)
- Half pint paper containers (8%)

Container Size & Characteristic	WHOLE	2% REDUCED FAT	1% LOWFAT	SKIM	TOTAL NUMBER OF UNITS	PERCENT OF OCTOBER 2002 CLASS 1 SALES
	IN NUMBER OF UNITS SOLD					PERCENT
6 Gallon						6 Gallon
Bag	33,430	46,026	17,979	5,710	103,145	0.98%
Plastic	0	0	0	0	0	0.00%
TOTAL 6 GALLON UNITS					103,145	0.98%
5 Gallon						5 Gallon
Bag	6,565	11,704	1,107	2,715	22,091	0.18%
Plastic	0	0	0	0	0	0.00%
TOTAL 5 GALLON UNITS					22,091	0.18%
3 Gallon						3 Gallon
Bag	873	237	22	152	1,284	0.01%
Plastic	0	0	0	0	0	0.00%
TOTAL 3 GALLON UNITS					1,284	0.01%

Fluid Milk Sales Container Survey, October 2002

Container Size & Characteristic	WHOLE	2% REDUCED FAT	1% LOWFAT	SKIM	TOTAL NUMBER OF UNITS	PERCENT OF OCTOBER 2002 CLASS 1 SALES
	IN NUMBER OF UNITS SOLD					PERCENT
1 Gallon						1 Gallon
Glass	2	0	0	0	2	0.00%
Paper	15,188	11,717	3,741	3,734	34,380	0.05%
Plastic	20,117,090	14,158,607	4,329,081	4,723,441	43,328,219	68.75%
TOTAL 1 GALLON UNITS					43,362,601	68.80%
1/2 Gallon						1/2 Gallon
Glass	9,681	12,196	0	19,680	41,557	0.03%
Paper	3,718,332	3,659,633	2,422,375	3,233,205	13,033,545	10.34%
Plastic	2,270,156	1,904,173	566,681	764,335	5,505,345	4.37%
TOTAL 1/2 GALLON UNITS					18,580,447	14.74%
Quart						Quart
Glass	43,633	16,845	3,202	17,611	81,291	0.03%
Paper	1,268,441	1,448,094	906,939	1,170,999	4,794,473	1.90%
Plastic	794,798	235,708	153,560	116,303	1,300,369	0.52%
TOTAL 1 QUART UNITS					6,176,133	2.45%
Pint						Pint
Paper	1,374,551	531,302	788,154	33,966	2,727,973	0.54%
Plastic	5,646,008	1,192,500	1,093,030	234,482	8,166,020	1.62%
TOTAL 1 PINT UNITS					10,893,993	2.16%
1/3 Quart						1/3 Quart
Paper	1,214,352	1,456,503	2,008,969	217,024	4,896,848	0.65%
Plastic	135,106	15,735	62,205	0	213,046	0.03%
TOTAL 1/3 QUART UNITS					5,109,894	0.68%
1/2 Pint						1/2 Pint
Paper	5,241,279	13,436,203	28,265,107	29,401,713	76,344,302	7.57%
Plastic	158,944	58,385	6,368,686	15,861,398	22,447,413	2.23%
TOTAL 1/2 PINT UNITS					98,791,715	9.80%
4 Oz. Pouch						4 Oz.
Paper	396,630	680,373	0	233,244	1,310,247	0.06%
Plastic	0	0	0	0	0	0.00%
TOTAL 4 OZ. UNITS					1,310,247	0.06%
Other Sizes/Types of Container						Other Sizes
Glass Pint, 40 Oz. Plastic, 12 Oz. Plastic, 14 Oz. Plastic	148,977	167,639	0	38,826	355,442	0.14%
TOTAL OTHER SIZE UNITS					355,442	0.14%

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.

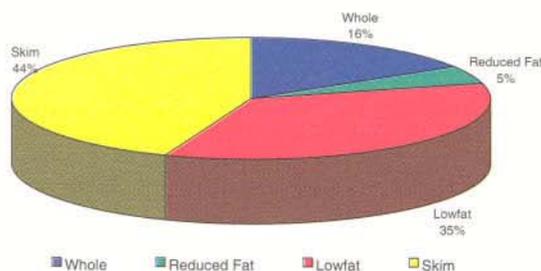


Class 1 Sales by Marketing Area

Sales of Selected Class 1 Products in California, by Marketing Area, 1998-2002

Products & Marketing Areas	SALES				
	1998	1999	2000	2001	2002
	<i>Gallons</i>				
Whole Milk					
Northern California	109,128,650	111,175,937	112,947,792	109,094,532	111,380,397
Southern California	185,541,612	183,245,299	184,867,122	185,682,127	186,728,249
State Total	294,670,262	294,421,236	297,814,914	294,776,659	298,108,646
Reduced Fat Milk					
Northern California	97,896,216	97,614,576	97,036,423	93,346,942	95,174,621
Southern California	132,922,404	131,968,040	132,416,984	134,473,805	139,332,305
State Total	230,818,620	229,582,616	229,453,407	227,820,747	234,506,926
Lowfat/Light Milk					
Northern California	47,968,093	48,881,636	51,171,432	51,830,532	51,043,931
Southern California	46,785,488	49,066,163	50,956,587	52,066,034	55,710,944
State Total	94,753,581	97,947,799	102,128,019	103,896,566	106,754,875
Skim/Nonfat/Fat Free Milk					
Northern California	47,862,174	46,769,535	44,854,948	42,469,526	38,933,104
Southern California	66,684,238	66,907,663	65,684,742	65,422,657	68,012,423
State Total	114,546,412	113,677,198	110,539,690	107,892,183	106,945,527
Beverage Milks Subtotal					
Northern California	302,855,133	304,441,684	306,010,595	296,741,532	296,532,053
Southern California	431,933,742	431,187,165	433,925,435	437,644,623	449,783,921
State Total	734,788,875	735,628,849	739,936,030	734,386,155	746,315,974
Half and Half					
Northern California	5,836,994	6,590,954	6,974,895	6,788,978	7,612,521
Southern California	5,486,791	6,177,145	6,027,565	6,528,812	7,291,485
State Total	11,323,785	12,768,099	13,002,460	13,317,790	14,904,006
Miscellaneous Class 1					
Northern California	257,180	275,699	265,034	3,943	3,692
Southern California	39,515	9,077	13,793	475	611
State Total	296,695	284,776	278,827	4,418	4,303
TOTAL CLASS 1					
Northern California	308,949,307	311,308,337	313,250,524	303,534,453	304,148,266
Southern California	437,460,048	437,373,387	439,966,793	444,173,910	457,076,017
STATE TOTALS	746,409,355	748,681,724	753,217,317	747,708,363	761,224,283

Class 1 Flavored Milk Products in California, 2002



Manufacture of Dairy Products

California continues to lead the nation in the production of many manufactured dairy products, such as: butter, nonfat dry milk (NFDM), dry buttermilk, and whey protein concentrate. (WPC).

Class 2 (Soft Dairy Products):

Total cottage cheese production declined 2.0 percent to 96.4 million pounds. Yogurt production continued to grow with an increase of 0.9 percent over 2001. Sour cream and sour cream dressing production decreased 6.8 percent, while buttermilk showed a slight increase in production over last year. Other cream totals could not be compared as Manufacturing Cream totals were not included as in previous years.

Class 3 (Frozen Dairy Products):

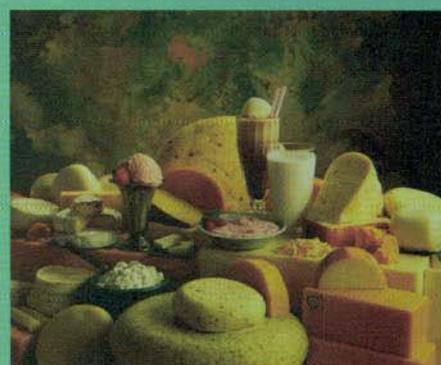
For 2002, total frozen production increased 0.9 percent to 170.2 million gallons. The shares of the total frozen product production were as follows: 73 percent ice cream, 19 percent ice milk, 5 percent sherbet, and 3 percent frozen yogurt.

Class 4a (Butter and Nonfat Dry Milk):

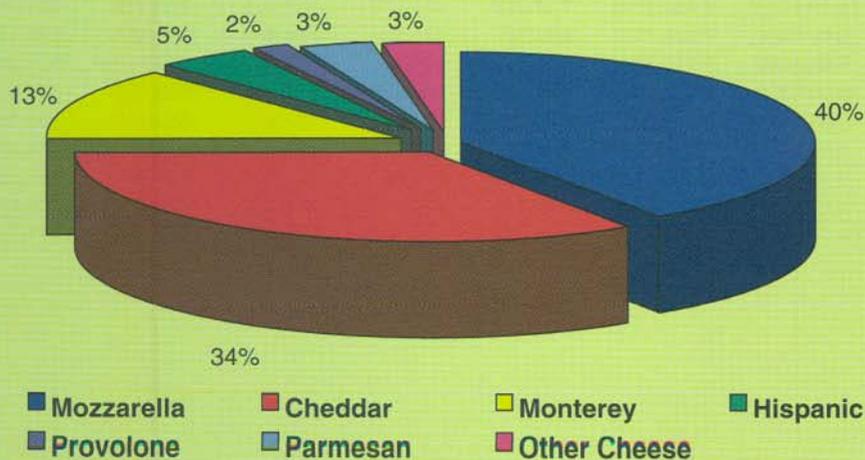
The decreasing trend in butter production stopped with an actual increase in production in 2002 of 11.2 percent to 379 million pounds. The steady growth in NFDM production continued with an increase of 9.3 percent, surpassing the year 2000 increase in production of 6.3 percent. Whey protein concentrate continued to grow, increasing 9.4 percent compared to 2001.

Class 4b (Cheese and Whey Byproducts):

The year 2002 showed a 4.9 percent increase in total cheese production to a record 1.72 billion pounds. The shares of total cheese production were: Mozzarella at 40.5 percent (down 4 percent), Cheddar at 34.2 percent (up 4.6 percent), Monterey at 13 percent (up 23.5 percent), Hispanic at 4.6 percent (up 11.4 percent). Provolone and Parmesan cheeses accounted for 5 percent of total cheese production.



**2002 Class 4b Production
Percent of Total, by Type of Cheese**



Class 2 Production

Production of Class 2 Products in California, 1998-2002

Month	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Dry Curd Cottage Cheese						Cottage Cheese				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	4,140,153	4,891,776	4,068,976	3,199,940	3,687,512	2,533,987	2,611,311	2,820,982	2,571,161	2,657,924
Feb	4,017,726	3,937,163	4,083,180	3,338,967	3,161,800	2,452,261	2,533,273	2,793,239	2,501,869	2,322,574
Mar	4,711,136	5,009,274	4,440,481	3,551,157	3,389,443	2,916,028	3,162,680	2,972,432	2,657,663	2,571,881
Apr	4,318,445	4,403,351	3,999,603	3,348,254	3,452,496	2,649,500	2,920,229	2,708,378	2,554,865	2,594,946
May	4,697,136	4,438,328	4,397,510	3,820,842	3,572,288	2,807,971	2,754,099	2,950,305	3,023,637	2,742,945
Jun	4,599,086	4,820,840	4,348,146	3,235,261	3,347,707	2,822,636	3,103,636	3,035,702	2,565,171	2,467,921
Jul	4,751,501	4,623,984	3,828,581	3,590,079	3,940,424	3,022,655	2,950,478	2,658,627	2,951,259	2,881,578
Aug	4,725,370	4,672,257	4,619,148	3,639,714	3,758,389	2,848,432	2,992,818	2,993,890	2,835,958	2,709,742
Sep	4,930,694	4,457,869	4,258,920	3,185,898	3,604,864	2,921,810	2,874,106	2,745,089	2,512,816	2,648,582
Oct	4,627,642	4,540,695	4,156,141	3,518,159	3,773,039	2,874,223	2,942,017	2,785,358	2,777,301	2,820,862
Nov	4,330,298	4,129,912	3,006,737	3,076,941	2,926,073	2,625,167	2,734,132	2,602,800	2,481,179	2,227,451
Dec	4,356,412	3,595,210	3,476,264	2,752,427	3,144,501	2,772,021	2,486,653	2,429,192	2,257,206	2,439,375
Total	54,205,599	53,520,659	48,683,687	40,257,639	41,758,536	33,246,691	34,065,432	33,495,994	31,690,085	31,085,781
Lowfat Cottage Cheese						Nonfat Cottage Cheese				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	3,631,423	3,769,481	4,215,353	4,364,521	4,516,606	1,433,048	1,340,170	1,149,489	1,031,904	1,107,425
Feb	3,656,337	3,632,721	4,401,917	4,354,491	3,983,953	1,412,718	1,233,811	1,229,703	991,764	970,893
Mar	4,243,629	4,581,976	4,634,141	4,568,775	4,371,831	1,595,783	1,622,884	1,260,617	1,132,537	1,023,747
Apr	3,954,900	4,092,427	4,354,979	4,431,332	4,446,253	1,494,762	1,364,953	1,171,203	1,087,924	1,127,935
May	4,157,163	3,951,522	4,950,314	5,096,812	4,625,192	1,564,314	1,270,195	1,259,637	1,282,756	1,085,842
Jun	4,061,760	4,519,436	4,648,516	4,426,629	4,169,644	1,380,770	1,472,444	1,186,840	1,035,860	978,550
Jul	4,299,314	4,648,671	4,302,965	4,735,840	4,922,741	1,652,581	1,480,001	1,040,388	1,182,501	1,134,065
Aug	4,092,092	4,711,042	4,984,704	4,836,160	4,684,970	1,455,320	1,506,962	1,267,568	1,228,158	1,111,291
Sep	4,006,469	4,571,445	4,543,588	4,313,876	4,621,407	1,546,662	1,450,810	1,127,848	1,024,185	1,074,884
Oct	4,232,051	4,661,779	4,596,042	4,789,110	4,722,739	1,412,123	1,400,701	1,132,905	1,173,854	1,118,194
Nov	3,728,277	4,259,848	4,142,126	4,071,515	3,897,914	1,311,227	1,251,568	1,057,336	941,348	831,077
Dec	3,976,768	3,685,255	3,693,698	3,700,711	3,875,961	1,391,632	1,101,318	921,437	917,310	926,909
Total	48,040,183	51,085,603	53,468,343	53,689,772	52,839,211	17,650,940	16,495,817	13,804,971	13,030,101	12,490,812
Total Cottage Cheese						Buttermilk				
	<i>Pounds</i>					<i>Gallons</i>				
Jan	7,598,458	7,720,962	8,185,824	7,967,586	8,281,955	628,724	621,974	655,557	667,528	771,799
Feb	7,521,316	7,399,805	8,424,859	7,848,124	7,277,420	612,625	602,524	658,934	551,774	599,810
Mar	8,755,440	9,367,540	8,867,190	8,358,975	7,967,459	722,875	690,137	744,874	724,323	712,743
Apr	8,099,162	8,377,609	8,234,560	8,074,121	8,169,134	647,433	640,651	690,987	689,630	677,235
May	8,529,448	7,975,816	9,160,256	9,403,205	8,453,979	740,349	649,492	695,672	718,919	701,411
Jun	8,265,166	9,095,516	8,871,058	8,027,660	7,616,115	658,921	655,422	698,834	681,433	676,167
Jul	8,974,550	9,079,150	8,001,980	8,869,600	8,938,384	696,417	640,946	674,367	679,750	677,590
Aug	8,395,844	9,210,822	9,246,162	8,900,276	8,506,003	661,395	649,888	728,231	698,150	658,514
Sep	8,474,941	8,896,361	8,416,525	7,850,877	8,344,873	674,847	636,568	657,843	662,210	693,369
Oct	8,518,397	9,004,497	8,514,305	8,740,265	8,661,795	685,030	660,142	711,213	674,472	705,204
Nov	7,664,671	8,245,548	7,802,262	7,494,042	6,956,442	666,991	672,303	708,372	719,909	637,091
Dec	8,140,421	7,273,226	7,044,327	6,875,227	7,242,245	658,443	685,315	717,460	695,706	700,851
Total	98,937,814	101,646,852	100,769,308	98,409,958	96,415,804	8,054,050	7,805,362	8,342,344	8,163,804	8,211,784

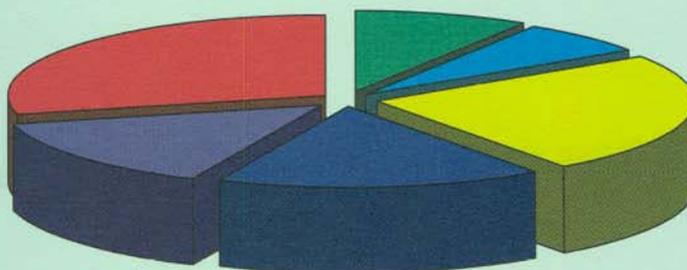
Class 2 Production - Continued

Production of Class 2 Products in California, 1998-2002 - Continued

Month	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Manufacturing Cream						Yogurt Production ^{1/}				
	<i>Gallons</i>					<i>Gallons</i>			<i>Pounds</i>	
Jan					2,980,214	1,770,561	2,095,977	2,337,756	2,328,900	21,405,966
Feb					3,155,560	1,868,790	2,059,444	2,581,825	2,176,315	22,367,467
Mar					3,313,169	1,950,942	2,453,484	2,653,961	2,611,364	23,786,795
Apr					3,256,049	1,757,910	2,099,854	2,373,395	2,590,920	21,578,321
May					2,994,755	1,740,942	2,329,072	2,641,122	2,837,074	23,152,728
Jun					3,021,227	1,738,182	2,225,384	2,456,243	2,561,124	21,345,153
Jul					3,164,192	1,728,269	2,106,504	2,174,418	2,614,971	22,922,569
Aug					2,735,954	1,985,903	2,459,776	2,649,323	2,419,673	23,526,951
Sep					2,632,667	2,035,320	2,363,433	2,513,232	2,589,796	23,281,092
Oct					2,580,866	2,055,361	2,287,914	2,248,768	2,545,236	22,577,489
Nov					2,619,155	1,669,174	2,014,297	1,957,911	2,033,751	19,830,918
Dec					2,713,761	1,961,156	1,976,348	1,988,830	2,083,314	21,029,210
Total					35,167,569	22,262,510	26,471,487	28,576,784	29,392,438	266,804,659
Sour Cream & Sour Cream Dressing						Other Cream				
	<i>Gallons</i>					<i>Gallons</i>				
Jan	1,264,657	1,241,644	1,464,176	1,591,628	1,585,155	1,301,325	1,666,946	1,652,704	1,705,122	1,046,899
Feb	1,287,741	1,276,637	1,344,120	1,343,212	1,537,993	1,350,567	1,692,374	1,731,289	1,622,424	1,134,352
Mar	1,510,250	1,596,376	1,526,809	1,651,207	1,733,171	1,448,846	1,979,584	1,919,674	1,754,682	1,183,765
Apr	1,448,085	1,379,766	1,550,882	1,675,252	1,601,188	1,593,544	1,954,569	1,829,788	1,601,893	1,308,088
May	1,502,499	1,509,812	1,659,034	1,775,985	1,852,195	1,703,843	1,878,669	1,914,200	1,677,379	1,693,132
Jun	1,598,243	1,580,088	1,621,458	2,024,357	1,704,598	1,678,017	1,845,780	1,936,977	1,685,620	1,576,077
Jul	1,458,779	1,427,768	1,409,288	1,530,427	1,685,571	1,819,245	1,851,074	1,755,234	1,618,062	1,558,507
Aug	1,370,661	1,581,337	1,734,355	1,672,888	1,683,432	1,495,019	1,859,085	1,885,127	1,713,744	1,364,650
Sep	1,446,652	1,530,815	1,516,973	1,822,643	1,559,469	1,496,192	1,769,105	1,704,542	1,526,372	1,480,830
Oct	1,338,049	1,521,949	1,634,416	2,418,035	1,805,672	1,689,213	1,862,280	1,812,726	1,828,738	1,530,672
Nov	1,709,075	1,801,492	1,946,348	2,599,834	1,879,305	1,671,150	2,103,560	2,238,506	2,442,229	1,872,439
Dec	1,739,816	1,741,117	1,796,607	1,921,962	1,892,251	1,858,437	1,795,593	1,821,529	2,245,413	1,731,974
Total	17,674,507	18,188,801	19,204,466	22,027,430	20,520,000	19,105,398	22,258,619	22,202,296	21,421,678	17,481,385

^{1/} Previous year figures reported in gallons.

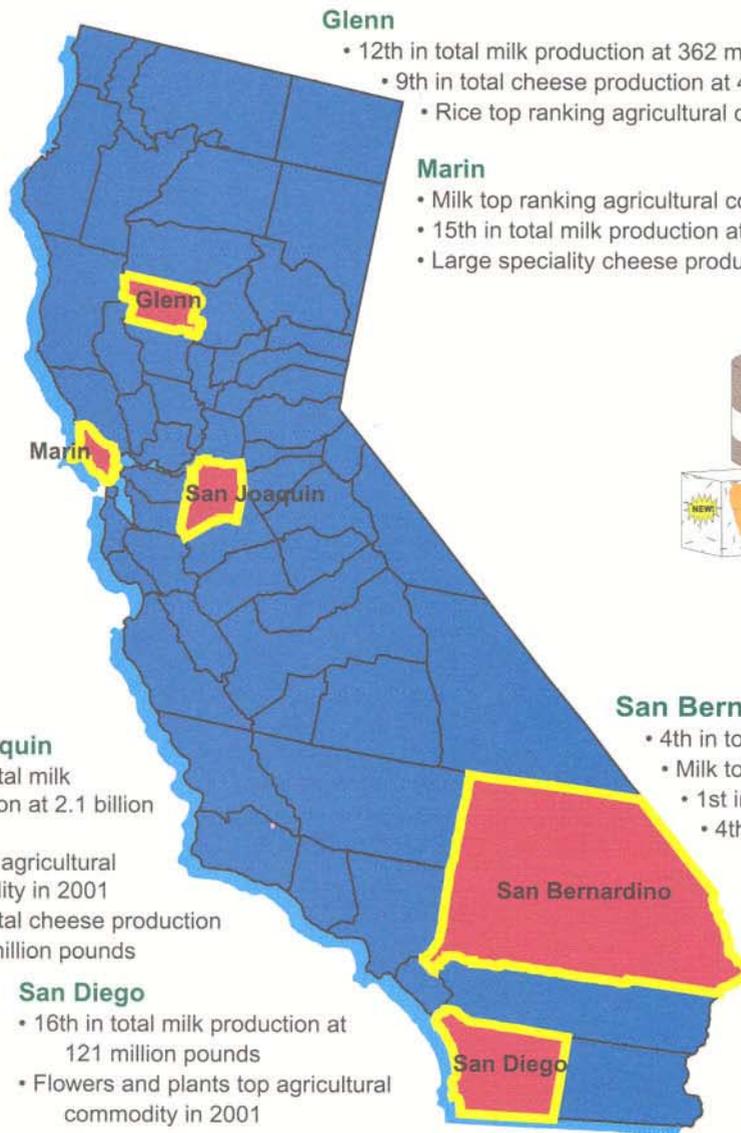
Class 2 Products in 2002



- Total Cottage Cheese
- Buttermilk
- Yogurt
- Sour Cream
- Other Cream
- Manufacturing Cream



2002 California



Glenn

- 12th in total milk production at 362 million pounds
- 9th in total cheese production at 47 million pounds
- Rice top ranking agricultural commodity in 2001

Marin

- Milk top ranking agricultural commodity in 2001
- 15th in total milk production at 205 million pounds
- Large speciality cheese producer



San Joaquin

- 6th in total milk production at 2.1 billion pounds
- Milk top agricultural commodity in 2001
- 5th in total cheese production at 154 million pounds

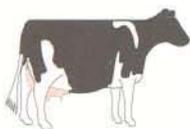
San Diego

- 16th in total milk production at 121 million pounds
- Flowers and plants top agricultural commodity in 2001

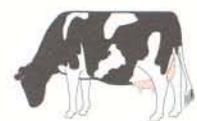
San Bernardino

- 4th in total milk production at 3.3 billion pounds
- Milk top ranking agricultural commodity in 2001
- 1st in buttermilk production 2.5 million gallons
- 4th in cottage cheese production at 963,000 pounds

County Highlights



In our continuing effort to highlight all the milk-producing counties in California, this year we are highlighting Glenn, Marin, San Bernardino, San Diego, and San Joaquin counties.



Class 3 Production

Production of Class 3 Products in California, 1998-2002

Month	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Ice Cream						Ice Milk ^{1/}				
	<i>Gallons</i>					<i>Gallons</i>				
Jan	6,550,412	6,699,006	6,256,583	8,178,988	8,207,325	1,981,943	1,947,467	1,940,035	2,037,135	2,426,217
Feb	8,167,784	8,274,693	9,181,476	8,838,827	9,375,092	2,214,796	2,024,195	2,119,082	2,074,568	2,343,469
Mar	10,439,699	10,110,694	10,735,985	12,156,413	12,096,037	2,678,914	2,667,290	2,660,509	2,612,607	2,880,657
Apr	10,220,092	10,812,213	10,882,246	11,448,912	11,540,287	2,923,329	2,600,226	2,823,492	2,893,399	2,684,144
May	10,024,147	11,548,117	11,988,851	12,366,647	12,801,718	2,840,564	2,874,893	3,049,063	3,019,615	2,715,434
Jun	11,237,205	14,208,437	12,851,834	13,568,068	13,204,516	4,062,686	3,498,290	3,393,441	3,293,783	3,327,584
Jul	11,388,020	13,265,859	11,817,934	11,598,900	12,466,101	3,607,295	3,322,150	3,007,784	2,968,007	3,292,316
Aug	11,245,395	12,027,289	11,844,433	12,584,928	11,642,564	3,728,629	2,733,620	3,178,474	3,001,724	2,953,478
Sep	10,721,316	9,603,135	10,718,609	10,609,713	10,507,723	2,767,433	2,770,217	2,474,820	2,361,011	2,640,847
Oct	7,671,561	8,448,320	8,947,819	9,379,516	8,832,147	2,017,676	2,425,654	2,382,419	2,319,530	2,464,073
Nov	6,512,674	8,037,029	7,219,481	7,626,568	7,624,816	2,042,523	2,012,498	1,864,039	1,892,926	1,687,546
Dec	6,386,618	6,573,065	6,196,948	6,343,752	6,673,571	1,985,860	2,167,657	1,925,675	1,809,039	2,228,472
Total	110,564,922	119,607,855	118,642,199	124,701,232	124,971,897	32,851,648	31,044,159	30,818,832	30,283,345	31,644,238
Sherbet						Frozen Yogurt ^{2/}				
	<i>Gallons</i>					<i>Gallons</i>				
Jan	492,690	504,542	479,942	403,203	406,891	600,008	496,880	291,251	511,477	377,432
Feb	471,150	623,477	619,643	516,680	651,662	666,069	425,114	402,664	547,368	371,634
Mar	690,515	799,381	856,001	686,401	868,935	860,648	639,014	623,598	645,355	544,826
Apr	668,582	731,192	685,648	605,809	748,753	791,187	670,550	540,792	669,605	498,690
May	642,492	845,916	713,405	773,536	748,227	706,134	646,488	796,499	677,754	533,373
Jun	789,828	941,591	825,459	778,075	950,868	776,150	728,422	700,918	662,742	591,541
Jul	825,198	854,176	708,622	797,464	758,143	849,714	696,238	679,730	685,030	552,402
Aug	848,705	888,934	818,519	674,907	821,288	913,826	548,134	755,168	658,461	699,438
Sep	660,494	594,940	615,229	591,507	631,547	789,022	457,320	611,174	470,378	493,739
Oct	530,283	573,191	466,649	466,670	626,693	603,901	412,142	476,509	494,685	417,451
Nov	426,066	521,157	259,971	398,721	259,844	505,981	355,104	438,154	417,912	342,126
Dec	331,384	217,086	250,256	260,945	357,998	389,906	307,080	353,094	290,106	294,194
Total	7,377,387	8,095,583	7,299,344	6,953,918	7,830,849	8,452,546	6,382,488	6,669,552	6,730,872	5,716,845
Total Frozen Products										
	<i>Gallons</i>									
Jan	9,625,052	9,647,895	8,967,812	11,130,803	11,417,866					
Feb	11,519,799	11,347,479	12,322,865	11,977,443	12,741,857					
Mar	14,669,777	14,216,379	14,876,093	16,100,777	16,390,455					
Apr	14,603,190	14,814,182	14,932,177	15,617,725	15,471,874					
May	14,213,337	15,915,414	16,547,819	16,837,551	16,798,753					
Jun	16,865,869	19,376,740	17,771,653	18,302,668	18,074,508					
Jul	16,670,227	18,138,423	16,214,070	16,049,402	17,068,962					
Aug	16,736,554	16,197,978	16,596,595	16,920,020	16,116,768					
Sep	14,938,265	13,425,612	14,419,832	14,032,608	14,273,856					
Oct	10,823,421	11,859,308	12,273,396	12,660,401	12,340,363					
Nov	9,487,245	10,925,788	9,781,644	10,336,128	9,914,332					
Dec	9,093,768	9,264,888	8,725,973	8,703,841	9,554,235					
Total	159,246,503	165,130,085	163,429,927	168,669,367	170,163,828					

^{1/} Includes Light Dairy Dessert and Nonfat Ice Cream.

^{2/} Includes nonfat and reduced fat yogurts.



Class 4a Production

Production of Class 4a Products in California, 1998-2002

Month	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Butter						Nonfat Dry Milk for Human Consumption				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	35,635,316	33,502,564	37,961,355	35,428,036	34,575,020	47,169,059	52,372,596	64,688,853	59,171,765	59,502,320
Feb	26,545,912	30,856,350	34,983,266	31,915,132	31,955,847	37,593,560	46,622,594	59,591,802	54,361,886	54,494,089
Mar	27,926,947	33,313,731	34,852,626	30,157,259	35,826,443	42,065,641	57,108,002	59,338,263	58,591,525	70,568,801
Apr	28,807,335	31,749,069	31,272,401	28,768,712	35,024,117	46,885,726	60,575,269	62,879,474	60,317,112	73,156,057
May	27,432,089	30,775,161	30,821,795	26,867,027	35,149,886	48,520,566	60,673,485	60,636,502	61,772,603	71,840,478
Jun	17,887,861	21,452,978	23,088,248	23,176,681	28,587,021	41,877,952	52,800,820	57,496,620	59,235,508	68,278,434
Jul	16,454,476	17,797,187	22,868,521	23,516,102	27,864,668	41,255,157	49,652,818	58,795,556	57,043,820	63,833,850
Aug	19,193,841	22,795,746	23,515,480	22,977,605	30,045,599	37,247,245	52,381,665	50,380,206	54,838,286	60,704,521
Sep	19,238,858	25,482,050	27,112,795	23,153,873	28,548,596	34,162,421	49,830,503	51,971,818	52,961,734	54,980,683
Oct	30,532,778	29,089,780	29,947,209	30,191,579	27,252,077	41,544,323	50,983,164	53,916,497	55,292,096	59,328,705
Nov	28,784,471	30,589,389	30,100,823	29,136,065	28,794,264	39,467,734	54,760,663	54,458,312	57,298,180	56,183,927
Dec	34,310,297	35,985,006	33,488,022	35,815,198	35,838,013	49,345,406	64,276,917	58,800,133	63,574,804	66,112,753
Total	312,750,181	343,389,011	360,012,541	341,103,269	379,461,551	507,134,790	652,038,496	692,954,036	694,459,319	758,984,618

Nonfat Dry Milk for Animal Consumption						Condensed Skim Bulk				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	177,394	178,997	288,364	261,757	225,983	40,881,831	55,774,996	47,685,321	44,431,226	37,338,175
Feb	127,777	119,160	264,238	132,197	204,421	35,481,327	54,721,297	44,483,568	38,277,196	36,196,840
Mar	160,077	209,801	265,239	161,550	381,523	45,193,527	62,996,873	47,385,038	40,925,531	47,045,140
Apr	109,270	206,452	250,673	176,163	228,657	42,614,759	57,224,672	40,525,456	39,374,343	42,714,532
May	160,184	265,376	334,838	211,233	321,421	45,270,287	58,336,776	42,926,692	40,252,145	45,433,648
Jun	142,025	279,120	319,772	181,872	270,289	43,151,999	53,186,638	42,067,395	38,557,223	42,179,742
Jul	182,620	225,604	371,375	152,009	271,866	48,320,215	52,143,700	43,210,463	39,225,813	45,488,860
Aug	147,486	227,303	279,443	253,244	293,568	48,730,904	54,308,884	45,693,592	39,652,870	48,400,187
Sep	172,275	278,548	195,740	180,224	182,728	52,781,263	51,903,120	40,994,616	40,236,855	42,174,558
Oct	144,463	220,299	158,163	185,196	269,300	49,795,861	50,494,320	42,414,681	41,339,998	41,849,125
Nov	171,757	280,391	194,788	101,593	173,855	47,814,195	48,419,929	41,912,470	34,070,215	40,156,475
Dec	156,648	240,957	211,257	234,523	181,566	47,678,418	48,700,911	43,091,911	32,384,609	36,113,745
Total	1,851,976	2,732,008	3,133,890	2,231,561	3,005,177	547,714,586	648,212,116	522,391,203	468,728,024	505,091,027

Whey Protein Concentrate					
	<i>Pounds</i>				
Jan	5,397,388	7,127,275	7,521,633	8,190,261	7,460,450
Feb	5,147,540	6,777,280	7,336,276	7,348,862	7,448,481
Mar	5,779,901	7,809,643	7,807,351	8,389,632	7,563,080
Apr	5,694,736	7,525,943	7,982,507	7,901,300	7,931,290
May	5,924,925	7,085,121	8,073,988	8,010,683	7,990,085
Jun	5,832,584	7,096,701	8,227,897	7,999,466	8,140,750
Jul	6,496,479	6,782,910	8,387,643	7,948,456	8,849,847
Aug	6,372,101	7,359,535	8,081,404	7,934,003	9,091,394
Sep	6,074,968	7,586,426	8,031,476	7,544,681	8,540,712
Oct	6,497,519	7,765,712	7,853,973	7,518,212	9,526,660
Nov	6,775,942	7,290,714	7,730,373	7,287,739	9,457,730
Dec	7,621,233	7,482,989	8,215,856	7,739,714	10,589,306
Total	73,615,316	87,690,249	95,250,377	93,813,009	102,589,785

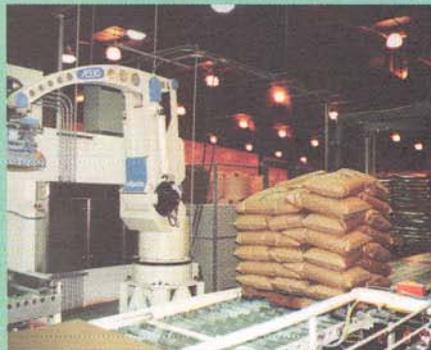
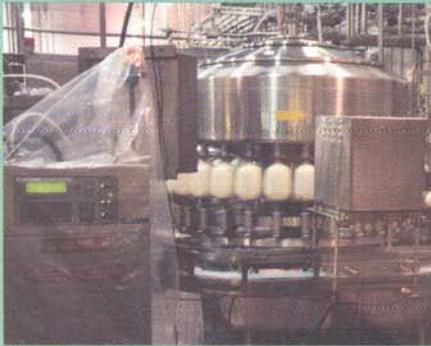
Class 4b Production

Production of Class 4b Products in California, 1998-2002

Month	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Monterey Jack Cheese						Cheddar Cheese				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	9,911,256	11,225,114	13,056,672	13,705,536	17,646,585	28,258,226	37,686,304	35,568,405	44,192,538	48,482,921
Feb	11,299,110	13,046,789	13,033,296	13,502,935	15,502,465	32,194,523	33,430,286	33,127,666	39,926,151	45,189,769
Mar	10,967,633	13,696,882	12,921,318	14,619,936	17,467,780	31,210,161	40,481,780	36,833,062	43,658,377	52,147,859
Apr	10,344,610	14,184,004	11,758,716	14,769,748	17,052,277	31,258,716	39,157,466	39,231,423	44,987,437	50,412,196
May	10,694,093	14,590,586	12,200,638	13,533,662	18,682,452	37,627,216	32,826,593	42,396,200	48,854,309	52,337,124
Jun	12,398,666	13,854,073	13,892,336	14,635,489	18,797,095	27,892,191	31,404,784	39,655,715	53,215,349	49,620,119
Jul	10,476,634	15,681,413	15,156,718	15,275,671	21,273,206	27,218,031	38,401,919	47,116,575	46,876,270	46,072,274
Aug	10,648,126	15,136,230	12,987,335	14,935,867	19,317,717	28,574,905	39,465,206	47,657,967	47,090,202	48,947,723
Sep	12,000,686	13,254,560	13,384,375	14,031,902	18,783,551	26,159,288	35,458,224	41,143,468	49,546,025	52,719,777
Oct	12,003,534	14,717,018	15,147,598	16,405,129	20,836,157	29,849,881	32,586,333	44,409,202	51,140,607	46,086,733
Nov	11,375,685	15,201,369	16,365,921	17,814,406	19,052,089	33,922,394	30,831,192	45,104,715	45,794,771	47,331,552
Dec	11,460,097	14,942,984	13,382,107	18,153,493	19,564,436	35,859,554	35,787,522	44,833,456	48,725,394	50,846,132
Total	133,580,130	169,531,022	163,287,030	181,383,774	223,975,810	370,025,086	427,517,609	497,077,854	564,007,430	590,194,179
Mozzarella Cheese						Provolone				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	49,900,164	51,148,296	59,668,062	64,743,124	59,848,340					2,044,831
Feb	46,287,006	47,766,468	55,286,836	57,609,194	53,604,829					2,242,504
Mar	52,254,181	52,864,312	58,664,838	63,598,491	55,161,184					2,282,507
Apr	49,416,036	51,230,296	60,284,773	62,035,905	54,956,085					2,557,263
May	51,345,776	55,548,072	58,724,452	62,048,195	57,601,860					2,669,372
Jun	50,782,702	53,647,712	54,545,587	55,698,229	55,606,235					1,865,729
Jul	51,245,789	54,856,246	55,157,158	62,695,476	58,269,158					2,008,928
Aug	49,811,932	53,669,909	50,452,347	60,913,765	61,285,978					2,616,567
Sep	45,613,903	53,940,397	52,949,925	56,836,778	59,209,520					2,192,338
Oct	54,727,146	60,091,139	56,598,568	57,306,010	60,384,803					2,266,272
Nov	55,091,196	59,138,602	52,162,460	60,216,843	61,962,365					2,458,007
Dec	55,578,862	61,931,025	63,920,689	63,088,363	59,860,658					2,455,335
Total	612,054,693	655,832,474	678,415,695	726,790,373	697,751,015	0	0	0	0	27,659,653
Hispanic Cheese						Other Cheese^{1/}				
	<i>Pounds</i>					<i>Pounds</i>				
Jan	3,709,771	4,098,534	4,714,498	5,673,376	6,880,962	2,115,570	2,510,715	3,069,573	3,383,042	3,952,253
Feb	3,905,703	4,324,059	5,102,232	5,337,832	6,047,172	2,171,773	2,820,654	3,447,510	2,903,188	4,134,149
Mar	4,706,417	5,470,845	5,866,947	5,986,459	6,302,742	2,048,616	2,719,853	4,466,168	4,500,982	4,371,904
Apr	4,635,392	4,829,826	5,300,837	5,688,053	6,901,859	2,034,819	2,545,060	3,430,752	3,735,447	4,663,498
May	3,933,360	4,852,365	5,530,841	5,844,176	6,723,962	2,025,334	3,041,744	3,980,310	4,030,076	4,135,642
Jun	3,864,037	5,070,474	5,458,696	5,729,566	6,028,650	2,595,340	3,750,296	4,620,153	4,003,898	3,291,793
Jul	4,724,960	4,798,571	6,046,856	6,151,207	6,656,387	2,000,423	3,306,854	4,019,698	3,537,101	4,496,561
Aug	3,844,850	5,014,109	5,804,954	6,483,978	6,784,594	1,990,938	4,653,612	4,406,157	4,575,182	3,577,699
Sep	4,177,862	5,445,729	5,500,473	5,853,309	6,644,162	2,095,787	5,705,713	4,962,176	5,351,640	3,061,365
Oct	4,337,309	5,111,865	5,473,773	6,435,499	7,050,888	2,692,276	4,511,800	3,938,938	5,294,757	3,876,320
Nov	4,357,349	4,908,510	5,181,878	5,963,576	6,253,106	2,991,638	4,911,849	3,821,657	4,259,897	3,269,174
Dec	4,115,647	4,461,775	5,270,482	5,488,929	6,394,936	2,142,652	4,133,614	3,571,084	3,772,737	3,594,180
Total	50,312,657	58,386,662	65,252,467	70,635,960	78,669,420	26,905,166	44,611,764	47,734,176	49,347,947	46,424,538
Parmesan						Total Cheese				
	<i>Pounds</i>					<i>Pounds</i>				
Jan					5,826,798	97,850,994	110,984,928	120,267,133	136,092,571	144,682,690
Feb					4,975,457	99,669,062	105,396,406	112,314,038	124,140,656	131,696,345
Mar					6,335,879	105,430,500	120,903,755	122,657,892	137,142,335	144,069,855
Apr					5,728,291	102,614,983	116,371,674	124,190,838	137,837,694	142,271,469
May					5,501,621	110,383,199	115,592,969	126,132,238	138,617,862	147,652,033
Jun					5,883,261	101,857,876	112,403,611	121,219,267	136,344,694	141,092,882
Jul					4,235,437	99,850,974	121,575,291	130,500,399	138,541,396	143,011,951
Aug					4,315,545	100,721,560	121,501,241	125,326,843	137,973,014	146,845,823
Sep					180,056	96,922,670	117,254,917	123,001,940	134,894,749	142,790,769
Oct					4,234,777	109,890,504	120,383,975	131,035,093	140,064,013	144,735,950
Nov					5,497,210	113,941,144	117,774,056	127,266,754	138,846,861	145,823,503
Dec					5,872,665	115,662,694	124,137,122	134,769,314	142,838,151	148,588,342
Total	0	0	0	0	58,586,997	1,254,796,160	1,404,279,945	1,498,681,749	1,643,333,996	1,723,261,612

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





California saw increases in both total milk production and commercial milk production in the year 2002. In addition, in response to increasing milk production nationwide, producer prices were near their lowest levels since 1978. The cost of producing milk also increased this year, adding to the burden of record low prices. Part of the cost increases were caused by high feed and replacement heifer costs.

Wholesale prices for butter, nonfat dry milk (NFDM), and Cheddar cheese form the basis for California's regulated milk prices. For much of 2002, all commodity markets were soft with NFDM prices near their support purchase price levels for most of the year. The unregulated price for most manufacturing grade milk continued to be tied to the price of cheese.

Traditionally, milk prices follow seasonal patterns, such as: prices are usually highest in the fall, peaking with the holiday use of butter, and cheese sales typically remain strong through Super Bowl Sunday in late January. Usually milk prices decline as demand tapers off in mid-winter and the seasonal milk production flush comes on in the spring. The year 2002 was an exception to these patterns as there was no price recovery seen after the decline resulting from the spring flush, in fact, prices remained relatively flat throughout the year.

Selected Monthly Commodity Prices Used in the Calculation of California Class 4a & 4b Prices, 2002

Month	Chicago Mercantile Exchange		California Manufacturing Plants
	Grade AA Butter	Block Cheddar Cheese	NFDM
	<i>Dollars Per Pound</i>		
January	1.3500	1.3261	0.9054
February	1.2544	1.2250	0.9031
March	1.2479	1.2050	0.9016
April	1.1842	1.2448	0.9013
May	1.0679	1.2099	0.8997
June	1.0448	1.1457	0.8996
July	1.0260	1.0764	0.8993
August	1.0002	1.1561	0.9003
September	0.9588	1.1807	0.9022
October	1.0227	1.2302	0.9061
November	1.0371	1.0835	0.9101
December	1.1139	1.1290	0.8594

Minimum Class 1 Prices

Minimum Prices in California for Market Milk Used to Produce Class 1 Products, by Marketing Area, 1998-2002

Year & Month	Northern California				Southern California				Wtd. Avg. Basis ^{2/}
	Fat	SNF	Fluid	Equivalent	Fat	SNF	Fluid	Equivalent	
	Dollars Per Pound		Per Cwt. ^{1/}		Dollars Per Pound		Per Cwt. ^{1/}		Per Cwt. ^{1/}
1998									
Jan	1.2054	0.9435	0.0272	14.82	1.2054	0.9435	0.0303	15.09	14.88
Feb	1.2463	0.9599	0.0280	15.17	1.2463	0.9599	0.0311	15.44	15.23
Mar	1.2463	0.9599	0.0280	15.17	1.2463	0.9599	0.0311	15.44	15.23
Apr	1.2435	0.9588	0.0279	15.14	1.2435	0.9588	0.0310	15.42	15.20
May	1.2435	0.9588	0.0279	15.14	1.2435	0.9588	0.0310	15.42	15.20
Jun	1.0849	0.8950	0.0248	13.76	1.0849	0.8950	0.0279	14.03	13.82
Jul	1.0849	0.8950	0.0248	13.76	1.0849	0.8950	0.0279	14.03	13.82
Aug	1.3208	0.9899	0.0295	15.83	1.3208	0.9899	0.0326	16.10	15.89
Sep	1.3208	0.9899	0.0295	15.83	1.3208	0.9899	0.0326	16.10	15.89
Oct	1.5216	1.0707	0.0335	17.58	1.5216	1.0707	0.0366	17.85	17.64
Nov	1.5216	1.0707	0.0335	17.58	1.5216	1.0707	0.0366	17.85	17.64
Dec	1.7015	1.1430	0.0370	19.15	1.7015	1.1430	0.0401	19.42	19.21
1999									
Jan	1.7015	1.1430	0.0370	19.15	1.7015	1.1430	0.0401	19.42	19.21
Feb	1.7723	1.1715	0.0385	19.78	1.7723	1.1715	0.0416	20.05	19.84
Mar	1.7723	1.1715	0.0385	19.78	1.7723	1.1715	0.0416	20.05	19.84
Apr	1.1089	0.9046	0.0252	13.96	1.1089	0.9046	0.0283	14.24	14.02
May	1.1089	0.9046	0.0252	13.96	1.1089	0.9046	0.0283	14.24	14.02
Jun	1.1261	0.9116	0.0256	14.12	1.1261	0.9116	0.0287	14.39	14.18
Jul	1.1261	0.9116	0.0256	14.12	1.1261	0.9116	0.0287	14.39	14.18
Aug	1.1817	0.9339	0.0267	14.61	1.1817	0.9339	0.0298	14.88	14.66
Sep	1.1817	0.9339	0.0267	14.61	1.1817	0.9339	0.0298	14.88	14.66
Oct	1.7391	1.1582	0.0378	19.48	1.7391	1.1582	0.0409	19.75	19.54
Nov	1.7391	1.1582	0.0378	19.48	1.7391	1.1582	0.0409	19.75	19.54
Dec	1.1729	0.8617	0.0239	13.70	1.1729	0.8617	0.0270	13.97	13.75
2000									
Jan	1.1136	0.7248	0.0196	11.92	1.1136	0.7248	0.0227	12.19	11.98
Feb	0.9186	0.7643	0.0208	11.69	0.9186	0.7643	0.0239	11.96	11.75
Mar	0.9109	0.7595	0.0207	11.61	0.9109	0.7595	0.0238	11.88	11.67
Apr	1.0530	0.8351	0.0230	12.97	1.0530	0.8351	0.0261	13.25	13.03
May	1.1995	0.8362	0.0231	13.50	1.1995	0.8362	0.0262	13.77	13.55
Jun	1.2647	0.8355	0.0230	13.72	1.2647	0.8355	0.0261	13.99	13.73
Jul	1.4885	0.8356	0.0230	14.50	1.4885	0.8356	0.0261	14.77	14.56
Aug	1.3285	0.8346	0.0230	13.93	1.3285	0.8346	0.0261	14.20	13.99
Sep	1.2965	0.8354	0.0230	13.83	1.2965	0.8354	0.0261	14.10	13.89
Oct	1.2966	0.8363	0.0231	13.84	1.2966	0.8363	0.0262	14.11	13.90
Nov	1.2685	0.8380	0.0231	13.76	1.2685	0.8380	0.0262	14.03	13.82
Dec	1.5043	0.8380	0.0231	14.59	1.5043	0.8380	0.0262	14.86	14.64
2001									
Jan	2.0100	0.8375	0.0231	16.35	2.0100	0.8375	0.0262	16.62	16.41
Feb	1.2800	0.8380	0.0231	13.80	1.2800	0.8380	0.0262	14.07	13.86
Mar	1.4610	0.8374	0.0231	14.43	1.4610	0.8374	0.0262	14.70	14.48
Apr	1.6835	0.8344	0.0230	15.17	1.6835	0.8344	0.0261	15.44	15.22
May	1.8960	0.8350	0.0230	15.92	1.8960	0.8350	0.0261	16.19	15.97
Jun	2.1050	0.8359	0.0231	16.66	2.1050	0.8359	0.0262	16.94	16.72
Jul	2.2002	0.8373	0.0231	17.01	2.2002	0.8373	0.0262	17.29	17.07
Aug	2.2416	0.8279	0.0228	17.05	2.2416	0.8279	0.0259	17.32	17.10
Sep	2.2680	0.8249	0.0227	17.11	2.2680	0.8249	0.0258	17.38	17.16
Oct	2.5285	0.7999	0.0219	17.73	2.5285	0.7999	0.0250	18.01	17.79
Nov	1.8415	0.8710	0.0242	16.14	1.8415	0.8710	0.0273	16.42	16.20
Dec	1.4310	0.7748	0.0211	13.61	1.4310	0.7748	0.0242	13.88	13.66
2002									
Jan	1.4250	0.7693	0.0209	13.51	1.4250	0.7683	0.0209	13.78	13.56
Feb	1.4980	0.7615	0.0207	13.69	1.4980	0.7615	0.0238	13.96	13.74
Mar	1.3950	0.7566	0.0206	13.27	1.3950	0.7566	0.0237	13.54	13.32
Apr	1.3920	0.7568	0.0206	13.26	1.3920	0.7568	0.0237	13.54	13.31
May	1.3290	0.7552	0.0205	13.02	1.3290	0.7552	0.0236	13.30	13.08
Jun	1.1654	0.7581	0.0206	12.49	1.1654	0.7581	0.0237	12.76	12.54
Jul	1.1792	0.7562	0.0206	12.51	1.1792	0.7562	0.0237	12.79	12.57
Aug	1.1237	0.7565	0.0206	12.32	1.1237	0.7565	0.0237	12.60	12.38
Sep	1.1234	0.7568	0.0206	12.33	1.1234	0.7568	0.0237	12.60	12.38
Oct	1.0202	0.7575	0.0206	11.97	1.0202	0.7575	0.0237	12.24	12.02
Nov	1.0772	0.8472	0.0234	13.20	1.0772	0.8472	0.0265	13.47	13.25
Dec	1.1072	0.7622	0.0208	12.33	1.1072	0.7622	0.0239	12.60	12.38

^{1/} Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

^{2/} Calculated for the State as a whole using market milk production in each marketing area for weighting.



Retail Price Ranges & Averages

U.S. Retail Price Ranges and Averages for Whole, Reduced Fat, Lowfat, and Skim Milk October 1999, 2000, 2001 and 2002 Comparison

City	OCTOBER 1999								OCTOBER 2000							
	Whole		Reduced Fat		Lowfat		Skim		Whole		Reduced Fat		Lowfat		Skim	
	Low - High	Avg														
Albany	2.10 - 3.42	2.66	1.67 - 3.43	2.57	2.13 - 3.43	2.51	2.04 - 3.43	2.54	2.29 - 3.40	2.59	1.65 - 3.41	2.51	2.30 - 3.41	2.47	2.30 - 3.41	2.49
Atlanta	2.81 - 4.29	3.04	1.69 - 4.25	3.08	2.64 - 3.78	3.00	2.69 - 4.19	3.08	2.65 - 3.98	3.08	2.55 - 4.01	3.14	2.57 - 3.73	2.99	2.55 - 3.72	3.09
Baltimore	2.57 - 4.00	2.72	2.37 - 2.92	2.62	2.22 - 4.00	2.50	2.21 - 2.89	2.44	2.39 - 3.17	2.66	2.29 - 2.84	2.56	2.34 - 2.74	2.46	2.15 - 2.67	2.42
Birmingham	2.54 - 3.87	2.87	2.53 - 3.91	2.82	2.47 - 4.09	2.77	2.49 - 3.90	2.84	2.48 - 3.81	2.85	2.46 - 3.80	2.82	2.45 - 4.40	2.79	2.45 - 3.83	2.85
Boston	2.18 - 3.21	2.83	2.32 - 3.14	2.79	2.04 - 3.14	2.69	2.28 - 3.19	2.60	2.65 - 3.13	2.86	2.29 - 3.08	2.74	2.20 - 3.08	2.73	2.23 - 3.03	2.67
Buffalo/Rochester	2.49 - 3.23	2.87	1.19 - 3.21	2.57	2.20 - 2.94	2.61	2.20 - 3.00	2.62	2.19 - 2.69	2.54	0.99 - 2.68	2.17	1.59 - 2.60	2.23	1.59 - 2.59	2.45
Charlotte	2.81 - 4.39	2.91	2.47 - 4.41	2.90	2.87 - 3.45	2.92	2.87 - 4.39	2.94	2.52 - 3.99	2.81	2.50 - 4.08	2.78	2.59 - 3.04	2.81	2.63 - 4.11	2.82
Chicago	1.79 - 3.59	2.97	1.78 - 3.59	2.87	1.78 - 3.24	2.78	1.78 - 3.59	2.90	1.95 - 3.09	2.57	1.99 - 3.15	2.61	1.99 - 3.29	2.57	1.99 - 3.29	2.63
Cincinnati	2.51 - 3.78	2.66	2.10 - 3.79	2.57	2.09 - 3.38	2.48	1.75 - 2.99	2.48	1.61 - 3.49	2.61	1.47 - 3.49	2.57	1.76 - 2.94	2.57	1.85 - 2.89	2.57
Cleveland	2.06 - 3.29	2.67	2.11 - 3.09	2.51	1.99 - 2.92	2.51	2.18 - 2.89	2.50	1.83 - 2.99	2.41	1.48 - 2.87	2.14	1.92 - 2.87	2.15	1.78 - 2.87	2.18
Columbus	1.99 - 3.29	2.56	1.94 - 3.04	2.55	2.12 - 3.21	2.56	2.11 - 3.18	2.53	1.59 - 2.98	2.31	1.59 - 2.97	2.28	1.59 - 2.99	2.23	1.59 - 2.94	2.25
Dallas	1.49 - 3.43	2.28	1.49 - 3.67	2.18	1.49 - 3.62	2.15	1.49 - 3.50	2.13	1.39 - 3.54	1.87	1.39 - 3.51	1.69	1.57 - 3.98	1.70	1.40 - 3.64	1.57
Denver	2.19 - 3.85	3.28	2.19 - 3.98	3.06	2.49 - 3.50	3.01	2.19 - 3.80	2.94	2.22 - 3.86	2.54	2.16 - 3.87	2.46	2.12 - 3.49	2.41	2.15 - 3.68	2.42
Des Moines	1.50 - 3.00	2.70	1.00 - 2.99	2.42	2.04 - 2.53	2.36	0.99 - 2.80	2.27	2.29 - 2.64	2.45	1.97 - 2.43	2.29	1.88 - 2.39	2.16	1.99 - 2.33	2.08
Detroit	2.24 - 3.12	2.71	2.01 - 3.11	2.61	2.38 - 3.19	2.62	2.25 - 3.11	2.60	1.79 - 3.16	2.49	1.89 - 3.09	2.39	2.17 - 2.90	2.41	2.06 - 3.16	2.45
Grand Rapids	1.99 - 3.19	2.70	1.49 - 3.19	2.64	2.30 - 2.85	2.59	1.99 - 3.19	2.71	1.91 - 3.19	2.51	1.90 - 3.19	2.42	0.91 - 2.99	2.31	1.85 - 3.19	2.35
Hartford-New Haven	2.33 - 3.79	2.91	2.51 - 3.60	2.90	2.37 - 3.79	2.78	2.67 - 3.79	2.91	2.68 - 3.47	2.89	2.40 - 3.54	2.90	2.48 - 3.56	2.85	2.52 - 3.56	2.90
Houston	1.79 - 3.91	2.50	1.79 - 3.93	2.51	2.18 - 3.97	2.47	2.18 - 4.04	2.50	2.46 - 3.85	2.64	2.36 - 3.97	2.60	2.36 - 4.07	2.56	2.28 - 3.98	2.57
Indianapolis	2.57 - 3.15	2.73	2.05 - 3.15	2.61	0.72 - 2.99	2.60	1.97 - 2.99	2.63	2.54 - 3.00	2.68	0.97 - 3.02	2.61	2.40 - 2.99	2.58	2.22 - 3.01	2.60
Jacksonville	2.98 - 3.99	3.02	2.95 - 3.99	2.99	2.93 - 4.02	2.98	2.95 - 4.00	2.99	2.66 - 3.90	2.87	2.49 - 3.92	2.81	2.38 - 3.80	2.77	2.41 - 4.33	2.78
Kansas City	2.76 - 3.51	2.98	1.99 - 3.39	2.82	2.23 - 3.39	2.79	2.16 - 3.37	2.61	2.15 - 3.21	2.65	2.35 - 3.10	2.62	2.31 - 2.90	2.57	2.08 - 3.17	2.40
Little Rock	2.26 - 3.79	2.91	2.25 - 3.92	2.87	2.44 - 3.23	2.78	2.37 - 3.26	2.83	1.99 - 3.09	2.69	1.99 - 3.00	2.61	2.36 - 2.73	2.53	2.33 - 3.03	2.49
Los Angeles	2.45 - 4.76	3.15	2.47 - 4.80	3.08	2.84 - 4.78	3.32	2.34 - 4.36	3.17	2.38 - 4.22	2.76	2.46 - 4.20	2.64	2.76 - 4.17	2.80	2.47 - 4.03	2.70
Louisville	2.39 - 4.67	2.59	2.11 - 3.70	2.53	1.81 - 3.19	2.54	2.32 - 3.21	2.55	1.88 - 5.00	2.55	1.69 - 3.81	2.40	2.40 - 3.19	2.47	1.88 - 3.10	2.44
Memphis	2.48 - 3.99	3.08	2.14 - 3.99	2.96	2.31 - 3.86	2.88	2.28 - 3.86	2.92	2.51 - 4.00	2.80	2.51 - 4.00	2.69	2.32 - 4.02	2.77	2.26 - 4.01	2.80
Miami	2.79 - 4.00	3.16	2.90 - 4.00	3.18	2.98 - 4.00	3.08	2.87 - 3.99	3.09	2.25 - 3.83	3.03	2.68 - 3.80	3.08	2.70 - 3.83	2.99	2.79 - 3.71	3.01
Milwaukee	2.37 - 2.82	2.62	1.99 - 4.15	2.38	1.94 - 4.16	2.31	1.92 - 2.61	2.29	2.29 - 2.51	2.47	1.89 - 4.62	2.27	1.49 - 4.56	2.19	1.91 - 2.39	2.21
Minneapolis	2.69 - 4.79	3.11	2.61 - 3.28	3.05	2.64 - 3.33	3.01	2.63 - 3.25	3.04	2.49 - 5.04	3.07	2.49 - 3.16	2.98	2.49 - 3.13	2.95	2.49 - 3.11	2.98
Nashville	2.57 - 3.61	2.87	2.50 - 3.59	2.73	1.98 - 3.60	2.73	2.60 - 3.60	2.83	2.44 - 3.63	2.82	2.37 - 3.59	2.64	2.29 - 3.60	2.59	2.16 - 3.60	2.35
New Orleans-Mobile	2.90 - 4.55	3.02	2.78 - 4.49	2.99	2.94 - 4.16	3.06	2.59 - 4.52	3.00	2.58 - 4.39	3.00	2.59 - 3.99	2.96	2.87 - 4.39	2.95	2.57 - 3.98	2.99
New York	2.51 - 3.62	3.00	2.30 - 3.61	2.92	2.12 - 3.60	2.92	2.29 - 3.63	2.95	2.63 - 3.81	2.77	2.19 - 3.84	2.71	1.99 - 3.84	2.72	2.08 - 3.83	2.69
Oklahoma City-Tulsa	2.18 - 3.82	2.89	2.48 - 3.39	2.83	2.18 - 3.28	2.88	2.75 - 3.57	2.95	2.38 - 3.13	2.74	2.25 - 2.88	2.63	2.32 - 3.10	2.62	2.27 - 3.17	2.61
Omaha	2.38 - 3.15	2.79	2.22 - 3.09	2.67	2.21 - 2.81	2.57	2.19 - 2.90	2.50	2.14 - 2.95	2.55	2.00 - 2.85	2.44	2.07 - 2.53	2.36	2.03 - 2.64	2.27
Orlando	3.06 - 3.95	3.17	3.05 - 3.95	3.14	3.01 - 3.95	3.09	3.03 - 3.95	3.11	2.79 - 3.82	2.96	2.74 - 3.80	2.94	2.72 - 3.80	2.90	2.72 - 3.81	2.93
Philadelphia	2.50 - 3.09	2.87	2.51 - 3.00	2.74	2.39 - 3.17	2.64	2.34 - 2.99	2.57	2.49 - 3.00	2.74	2.33 - 3.33	2.63	2.28 - 3.00	2.55	2.16 - 3.00	2.46
Phoenix	1.87 - 3.90	2.60	1.84 - 3.87	2.44	1.82 - 3.05	2.46	1.81 - 3.05	2.53	1.79 - 3.92	2.51	1.56 - 3.89	2.11	1.60 - 2.93	2.16	1.79 - 2.94	2.36
Pittsburgh	1.89 - 3.91	2.73	1.36 - 3.94	2.51	1.89 - 2.73	2.53	1.89 - 3.75	2.44	2.39 - 3.39	2.58	1.70 - 3.92	2.46	2.27 - 2.63	2.42	2.25 - 3.00	2.36
Portland	1.64 - 3.42	2.82	1.46 - 3.57	2.57	1.41 - 3.51	2.52	1.31 - 3.01	2.41	1.39 - 3.69	2.80	1.39 - 3.23	2.67	1.39 - 3.08	2.61	1.39 - 3.03	2.55
Raleigh-Durham	2.59 - 3.84	2.77	2.59 - 3.66	2.81	2.70 - 3.88	2.85	2.70 - 3.70	2.85	2.18 - 3.76	2.81	2.36 - 3.74	2.81	2.81 - 3.82	2.83	2.83 - 3.73	2.86
Richmond- Norfolk	2.59 - 3.99	2.91	2.68 - 4.00	2.95	2.76 - 3.65	2.92	2.79 - 4.00	2.94	2.43 - 3.93	2.64	2.51 - 3.89	2.72	2.52 - 2.77	2.65	2.29 - 3.70	2.71
San Antonio	2.39 - 3.59	2.67	2.39 - 3.61	2.69	2.53 - 3.50	2.67	2.39 - 3.63	2.67	1.38 - 3.32	2.68	1.39 - 3.53	2.70	2.50 - 3.42	2.68	2.57 - 3.58	2.65
Sacramento	2.42 - 3.71	2.99	2.40 - 3.51	2.78	2.26 - 3.48	3.10	2.03 - 3.35	2.57	2.32 - 3.21	2.46	2.23 - 3.21	2.40	2.36 - 3.22	2.54	2.03 - 3.09	2.21
Salt Lake City-Boise	2.65 - 3.31	2.81	2.00 - 3.28	2.73	1.96 - 2.99	2.64	2.19 - 3.17	2.65	2.68 - 3.30	2.76	1.67 - 3.20	2.31	1.68 - 3.45	2.26	2.25 - 3.39	2.54
San Diego	2.51 - 4.09	3.11	2.26 - 4.08	3.02	2.84 - 4.01	3.14	2.50 - 3.81	3.10	2.43 - 4.00	2.68	2.29 - 4.02	2.57	2.65 - 3.87	2.70	2.07 - 3.77	2.63
San Francisco	2.82 - 3.91	3.03	2.33 - 3.85	2.76	3.29 - 3.83	3.47	2.60 - 3.69	2.72	2.26 - 3.59	2.44	2.17 - 3.59	2.37	2.39 - 3.59	2.82	2.02 - 3.32	2.30
Seattle	2.08 - 3.49	3.14	1.78 - 3.39	2.40	1.68 - 3.90	2.54	1.79 - 3.23	2.46	1.97 - 3.69	3.29	2.11 - 3.59	2.83	2.00 - 3.99	2.93	2.08 - 3.53	3.00
St Louis	2.74 - 3.45	2.93	2.49 - 3.28	2.80	2.51 - 3.02	2.79	2.31 - 3.34	2.52	1.99 - 3.50	2.86	2.57 - 3.30	2.73	2.66 - 2.89	2.76	1.98 - 2.98	2.51
Syracuse	1.98 - 3.15	2.78	2.00 - 3.16	2.68	2.05 - 3.20	2.66	2.05 - 3.20	2.66	1.89 - 2.57	2.43	1.48 - 2.61	2.20	1.86 - 2.56	2.19	1.89 - 2.55	2.27
Tampa	2.95 - 3.89	3.14	2.69 - 3.88	3.09	2.69 - 3.94	3.04	2.97 - 3.91	3.08	2.69 - 3.83	2.99	2.69 - 3.89	2.99	2.69 - 3.89	2.93	2.95 - 3.89	2.99
Washington DC	2.62 - 3.89	2.74	2.45 - 3.89	2.67	2.33 - 2.87	2.58	2.22 - 4.02	2.53	2.24 - 3.99	2.55	2.32 - 4.00	2.51	2.09 - 2.81	2.43	2.26 - 3.81	2.44
Total US	1.64 - 4.78	2.87	0.74 - 4.33	2.72	0.73 - 4.39	2.76	1.31 - 4.52	2.68	1.39 - 4.96	2.69	0.95 - 3.98	2.55	0.80 - 4.39	2.58	1.39 - 3.99	2.54

Source: AC Nielsen Scantrack Reports on Refrigerated Milk. The low and high price on this chart does not represent the lowest or the highest observed price, but rather weighted averages for specific brands of milk within the specified market. Data subject to revision.



Retail Price Ranges & Averages

U.S. Retail Price Ranges and Averages for Whole, Reduced Fat, Lowfat, and Skim Milk October 1999, 2000, 2001 and 2002 Comparison

City	OCTOBER 2001								OCTOBER 2002							
	Whole		Reduced Fat		Lowfat		Skim		Whole		Reduced Fat		Lowfat		Skim	
	Low - High	Avg														
Albany	2.26 - 3.60	2.69	1.84 - 3.59	2.50	2.22 - 3.60	2.49	2.25 - 3.59	2.65	2.12 - 3.69	2.40	1.58 - 3.69	2.31	2.10 - 3.69	2.37	2.16 - 3.75	2.32
Atlanta	2.85 - 4.00	3.15	2.77 - 4.01	3.22	2.61 - 4.08	3.07	2.62 - 3.95	3.16	1.97 - 4.02	2.86	1.99 - 4.04	2.93	2.26 - 4.04	2.82	2.28 - 3.97	2.96
Baltimore	2.72 - 3.80	2.80	2.60 - 3.79	2.76	2.51 - 2.89	2.68	2.44 - 2.79	2.62	2.36 - 3.68	2.65	2.19 - 3.70	2.63	2.07 - 3.19	2.54	2.04 - 3.15	2.52
Birmingham	2.67 - 3.97	2.92	2.41 - 3.98	2.78	2.69 - 4.03	2.86	2.55 - 3.99	2.84	2.50 - 3.86	2.83	2.30 - 3.91	2.75	2.39 - 3.97	2.68	2.23 - 3.93	2.76
Boston	2.70 - 3.35	2.94	2.30 - 3.37	2.89	2.39 - 3.36	2.87	2.19 - 3.31	2.86	2.59 - 3.21	2.81	1.99 - 3.13	2.76	1.99 - 3.28	2.76	1.99 - 3.27	2.74
Buffalo/Rochester	3.08 - 3.51	3.18	0.99 - 3.51	2.54	2.31 - 3.51	2.52	2.07 - 3.51	2.50	2.18 - 2.55	2.36	0.99 - 2.46	2.06	1.88 - 2.36	2.08	2.15 - 2.35	2.31
Charlotte	2.88 - 4.16	2.94	2.69 - 4.05	2.91	2.89 - 3.20	2.89	2.89 - 4.33	2.90	2.68 - 3.99	2.83	2.69 - 4.04	2.83	2.75 - 4.28	2.84	2.79 - 4.17	2.87
Chicago	2.00 - 3.39	2.60	1.99 - 3.39	2.52	1.25 - 3.39	2.63	1.34 - 3.39	2.41	1.93 - 3.03	2.35	1.79 - 4.54	2.24	1.79 - 3.06	2.25	2.01 - 3.06	2.21
Cincinnati	1.94 - 3.80	2.73	1.38 - 3.80	2.62	2.34 - 3.29	2.74	2.36 - 3.00	2.71	1.50 - 3.80	2.29	1.53 - 3.78	2.23	1.45 - 3.33	2.23	1.69 - 2.91	2.19
Cleveland	2.35 - 3.24	2.79	1.77 - 2.98	2.45	2.08 - 2.80	2.41	2.09 - 2.70	2.39	2.09 - 2.89	2.54	1.69 - 2.73	2.23	1.93 - 2.69	2.26	1.91 - 2.69	2.28
Columbus	2.47 - 2.99	2.62	2.36 - 3.18	2.55	2.11 - 3.19	2.48	2.07 - 3.05	2.43	1.50 - 5.13	2.28	1.56 - 5.02	2.20	1.77 - 3.00	2.14	1.76 - 3.00	2.12
Dallas	1.98 - 3.78	2.25	1.95 - 3.75	2.20	1.96 - 3.88	2.17	1.96 - 3.60	2.13	1.34 - 3.53	2.20	1.88 - 3.58	2.19	1.88 - 3.83	2.20	1.99 - 3.60	2.19
Denver	2.30 - 4.00	2.70	2.23 - 3.81	2.60	1.96 - 3.51	2.49	2.10 - 3.69	2.65	1.99 - 4.11	2.83	1.99 - 3.81	2.71	2.16 - 3.51	2.68	2.28 - 3.51	2.73
Des Moines	2.39 - 4.53	2.76	2.18 - 2.89	2.50	2.17 - 4.51	2.32	2.03 - 2.69	2.18	1.98 - 2.54	2.46	1.98 - 4.12	2.29	1.93 - 3.94	2.15	1.79 - 2.68	2.05
Detroit	1.68 - 4.10	2.41	1.68 - 4.10	2.34	1.68 - 3.19	2.10	1.71 - 3.62	2.20	1.71 - 3.99	2.29	1.38 - 3.99	2.24	1.94 - 3.19	2.18	1.71 - 3.99	2.22
Grand Rapids	1.83 - 3.19	2.55	1.76 - 3.19	2.55	1.77 - 2.77	2.30	1.71 - 3.19	2.48	1.67 - 2.82	2.11	1.41 - 2.87	2.10	1.54 - 2.69	1.85	1.41 - 2.79	2.00
Hartford-New Haven	2.89 - 3.80	3.12	2.52 - 3.80	3.15	2.83 - 3.80	3.12	3.06 - 3.80	3.20	2.05 - 3.66	2.97	2.18 - 3.72	2.93	2.11 - 3.64	3.00	2.06 - 3.72	3.03
Houston	1.39 - 3.91	2.83	2.54 - 3.97	2.78	2.54 - 4.05	2.71	2.48 - 3.99	2.73	1.23 - 3.66	2.55	2.25 - 3.73	2.54	2.25 - 3.96	2.51	2.19 - 3.86	2.50
Indianapolis	2.07 - 3.09	2.51	1.07 - 3.03	2.47	2.16 - 2.82	2.44	2.15 - 2.91	2.45	1.05 - 3.19	2.12	0.99 - 3.25	2.06	1.69 - 2.91	2.06	1.85 - 2.89	2.08
Jacksonville	2.70 - 4.03	2.95	2.53 - 4.04	2.89	2.40 - 4.19	2.82	2.47 - 4.09	2.86	1.99 - 3.98	2.72	1.98 - 3.97	2.70	1.99 - 3.98	2.67	2.36 - 4.13	2.69
Kansas City	2.59 - 3.19	2.96	2.33 - 3.19	2.75	2.39 - 3.09	2.68	2.19 - 3.42	2.45	2.39 - 2.92	2.77	2.25 - 2.75	2.58	2.00 - 2.60	2.50	2.09 - 2.78	2.36
Little Rock	2.59 - 3.20	2.83	2.53 - 3.26	2.82	2.44 - 3.16	2.68	2.36 - 3.55	2.69	2.08 - 3.07	2.58	1.97 - 3.50	2.53	2.10 - 2.91	2.45	2.08 - 3.17	2.46
Los Angeles	3.18 - 4.12	3.26	2.73 - 4.20	2.92	3.02 - 4.21	3.08	2.69 - 3.91	2.85	2.50 - 4.07	2.63	2.17 - 4.07	2.47	2.42 - 3.97	2.52	2.55 - 3.85	2.75
Louisville	2.20 - 3.59	2.58	1.98 - 3.95	2.43	2.29 - 3.50	2.40	2.10 - 3.41	2.39	0.99 - 3.39	2.39	1.27 - 3.65	2.33	1.99 - 3.29	2.25	1.29 - 3.32	2.27
Memphis	2.61 - 3.92	3.13	2.65 - 3.91	2.99	2.00 - 4.04	2.89	2.58 - 4.04	2.91	2.19 - 4.00	2.71	2.07 - 4.00	2.52	2.03 - 4.02	2.32	2.00 - 4.00	2.40
Miami	2.61 - 3.98	3.11	2.63 - 4.00	3.17	2.61 - 3.99	3.09	2.98 - 3.99	3.11	2.58 - 3.97	2.83	2.59 - 3.97	2.89	2.69 - 3.91	2.77	2.71 - 3.96	2.79
Milwaukee	0.99 - 4.79	2.56	0.99 - 2.53	2.27	1.90 - 4.75	2.26	1.88 - 2.60	2.30	0.99 - 2.69	2.46	0.99 - 4.23	2.50	0.99 - 4.15	2.49	2.12 - 4.22	2.35
Minneapolis	2.88 - 5.31	3.29	2.45 - 3.49	3.05	2.45 - 5.31	3.01	2.48 - 3.44	3.20	2.69 - 3.49	3.24	2.18 - 4.95	3.39	2.53 - 4.96	3.42	2.69 - 4.97	3.16
Nashville	2.54 - 3.83	2.96	2.15 - 3.79	2.77	2.36 - 3.71	2.71	2.03 - 3.73	2.29	2.60 - 3.80	2.89	2.25 - 3.79	2.72	1.99 - 3.84	2.69	2.45 - 3.79	2.78
New Orleans-Mobile	2.99 - 4.18	3.16	2.79 - 4.00	3.11	3.06 - 4.21	3.13	3.05 - 4.14	3.19	2.52 - 4.12	2.98	2.64 - 4.00	2.96	1.99 - 4.11	2.91	2.76 - 4.09	2.96
New York	3.02 - 3.92	3.10	1.73 - 3.93	2.95	2.67 - 3.92	3.01	2.72 - 3.97	3.02	2.52 - 3.88	2.72	1.67 - 3.93	2.68	2.33 - 3.87	2.62	2.34 - 3.96	2.69
Oklahoma City-Tulsa	2.00 - 3.39	2.89	1.69 - 3.32	2.70	2.35 - 3.11	2.60	2.49 - 3.17	2.63	2.19 - 3.17	2.70	2.00 - 3.17	2.57	2.29 - 3.19	2.56	2.37 - 2.93	2.54
Omaha	1.19 - 3.15	2.88	1.24 - 2.99	2.68	2.07 - 2.95	2.49	1.94 - 2.70	2.36	1.19 - 2.85	2.43	1.40 - 2.80	2.28	1.97 - 2.70	2.18	1.89 - 2.77	2.10
Orlando	2.89 - 4.05	3.08	2.81 - 4.05	3.05	2.77 - 4.04	3.03	2.76 - 4.04	3.02	2.65 - 3.98	2.77	2.60 - 4.00	2.76	2.55 - 3.90	2.74	2.53 - 3.90	2.74
Philadelphia	2.89 - 3.33	3.04	2.73 - 3.14	2.85	2.54 - 3.00	2.70	2.37 - 2.86	2.60	2.61 - 3.59	2.85	2.50 - 3.50	2.72	2.41 - 3.49	2.64	2.37 - 3.40	2.58
Phoenix	1.22 - 3.39	2.33	1.85 - 3.39	2.33	1.80 - 3.19	2.36	1.74 - 3.20	2.39	1.68 - 3.39	2.01	1.69 - 3.39	2.11	1.79 - 2.71	2.22	1.76 - 2.89	2.21
Pittsburgh	1.85 - 3.85	2.93	1.88 - 3.91	2.70	1.88 - 2.80	2.59	1.88 - 3.43	2.49	1.50 - 3.99	2.60	1.34 - 3.73	2.31	1.69 - 2.82	2.48	1.69 - 3.20	2.44
Portland	1.99 - 6.08	2.96	1.50 - 3.37	2.46	1.50 - 6.01	2.35	1.50 - 3.17	2.41	0.88 - 3.81	2.93	0.88 - 3.31	2.35	0.88 - 3.34	2.33	0.88 - 3.26	2.36
Raleigh-Durham	2.83 - 3.99	2.93	2.65 - 3.84	2.92	2.90 - 3.93	2.92	2.33 - 3.78	2.94	2.76 - 4.19	2.92	2.66 - 4.19	2.92	2.76 - 4.19	2.93	2.79 - 3.76	2.95
Richmond- Norfolk	3.00 - 3.89	3.05	2.70 - 3.89	3.07	2.88 - 3.25	2.92	2.80 - 3.90	2.98	2.87 - 3.80	2.96	2.77 - 3.79	2.97	2.69 - 2.90	2.84	2.69 - 3.79	2.90
San Antonio	1.37 - 3.74	2.94	2.74 - 3.88	2.91	2.62 - 3.78	2.86	2.55 - 3.85	2.79	1.37 - 3.64	2.69	2.61 - 3.71	2.69	2.58 - 3.88	2.66	2.54 - 3.76	2.64
Sacramento	2.90 - 4.98	3.03	2.43 - 3.69	2.69	2.74 - 3.73	2.81	2.22 - 3.34	2.36	2.14 - 5.97	2.62	1.95 - 5.94	2.59	1.99 - 5.94	2.79	2.08 - 3.58	2.19
Salt Lake City-Boise	2.24 - 3.60	2.75	1.75 - 3.46	2.30	2.00 - 3.20	2.17	2.00 - 3.10	2.39	1.98 - 3.25	2.41	1.67 - 3.26	2.13	1.82 - 3.10	2.12	1.95 - 3.09	2.33
San Diego	2.38 - 4.14	3.21	2.56 - 4.05	2.86	2.34 - 3.95	3.10	2.98 - 3.76	3.05	2.22 - 3.99	2.47	2.11 - 3.99	2.46	2.41 - 3.91	2.54	2.54 - 3.63	2.71
San Francisco	2.87 - 5.01	3.00	2.30 - 5.59	2.55	2.71 - 4.30	2.92	2.31 - 3.49	2.44	1.98 - 5.61	2.36	2.16 - 5.77	2.42	2.83 - 5.78	3.04	2.09 - 3.59	2.22
Seattle	2.49 - 4.19	3.65	1.80 - 4.12	3.00	1.97 - 4.05	3.05	1.99 - 4.09	3.16	2.40 - 4.01	3.10	1.58 - 3.88	2.70	2.29 - 4.09	2.83	2.29 - 3.78	2.88
St Louis	1.99 - 3.31	3.00	2.29 - 3.26	2.89	2.39 - 3.15	2.87	1.88 - 3.11	2.67	2.19 - 2.99	2.76	1.99 - 3.14	2.56	2.03 - 2.93	2.61	1.89 - 2.98	2.49
Syracuse	2.02 - 3.06	2.79	1.86 - 3.20	2.43	1.88 - 2.93	2.37	1.81 - 2.96	2.48	1.89 - 2.62	2.30	1.81 - 2.52	2.10	1.81 - 2.45	2.14	1.85 - 2.48	2.21
Tampa	2.99 - 3.92	3.10	2.90 - 3.89	3.10	2.99 - 3.88	3.08	3.00 - 3.87	3.08	2.62 - 3.89	2.76	2.55 - 3.93	2.75	2.48 - 4.02	2.73	2.47 - 3.90	2.72
Washington DC	2.19 - 3.99	2.91	2.19 - 3.99	2.84	2.19 - 3.09	2.70	2.19 - 4.19	2.65	1.97 - 3.79	2.65	1.97 - 3.79	2.65	1.17 - 2.89	2.55	1.13 - 3.78	2.53
Total US	1.00 - 5.34	2.91	1.27 - 5.59	2.69	1.15 - 5.64	2.72	1.35 - 4.14	2.64	0.88 - 5.97	2.61	0.88 - 5.94	2.53	0.88 - 5.94	2.52	0.88 - 4.97	2.51

Source: AC Nielsen Scantrack Reports on Refrigerated Milk. The low and high price on this chart does not represent the lowest or the highest observed price, but rather weighted averages for specific brands of milk within the specified market. Data subject to revision.



Minimum Class 2 Prices

Minimum Prices in California for Market Milk Used to Produce Class 2 Products, by Marketing Area, 1998-2002

Year & Month	Northern California			Southern California		
	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	<i>Dollars Per Pound</i>		<i>Per Cwt.^{1/}</i>	<i>Dollars Per Pound</i>		<i>Per Cwt.^{1/}</i>
1998						
Jan	1.6795	0.9592	14.22	1.6818	0.9850	14.46
Feb	1.3933	0.9552	13.19	1.3956	0.9810	13.42
Mar	1.3933	0.9552	13.19	1.3956	0.9810	13.42
Apr	1.5095	0.9473	13.52	1.5118	0.9731	13.76
May	1.5095	0.9473	13.52	1.5118	0.9731	13.76
Jun	1.6090	0.9506	13.90	1.6113	0.9764	14.13
Jul	1.6090	0.9506	13.90	1.6113	0.9764	14.13
Aug	2.1613	0.9488	15.82	2.1636	0.9746	16.05
Sep	2.1613	0.9488	15.82	2.1636	0.9746	16.05
Oct	2.7811	0.9579	18.07	2.7834	0.9837	18.30
Nov	2.7811	0.9579	18.07	2.7834	0.9837	18.30
Dec	2.3582	0.9948	16.91	2.3605	1.0206	17.14
1999						
Jan	2.3582	0.9948	16.91	2.3605	1.0206	17.14
Feb	1.5935	0.9907	14.20	1.5958	1.0165	14.43
Mar	1.5935	0.9907	14.20	1.5958	1.0165	14.43
Apr	1.4297	0.9423	13.20	1.4320	0.9681	13.43
May	1.4297	0.9423	13.20	1.4320	0.9681	13.43
Jun	1.1616	0.9272	12.13	1.1639	0.9230	12.36
Jul	1.1616	0.9272	12.13	1.1639	0.9230	12.36
Aug	1.5711	0.9240	13.54	1.5734	0.9498	13.77
Sep	1.5711	0.9240	13.54	1.5734	0.9498	13.77
Oct	1.5056	0.9251	13.32	1.5079	0.9509	13.55
Nov	1.5056	0.9251	13.32	1.5079	0.9509	13.55
Dec	1.1803	0.9287	12.21	1.1826	0.9545	12.44
2000						
Jan	1.1803	0.9287	12.21	1.1826	0.9545	12.44
Feb	0.9518	0.9255	11.38	0.9541	0.9513	11.62
Mar	0.9518	0.9255	11.38	0.9541	0.9513	11.62
Apr	1.0140	0.9237	11.58	0.0163	0.9495	11.82
May	1.0140	0.9237	11.58	0.0163	0.9495	11.82
Jun	1.2350	0.9235	12.36	1.2373	0.9493	12.59
Jul	1.2350	0.9235	12.36	1.2373	0.9493	12.59
Aug	1.3425	0.9227	12.73	1.3448	0.9485	12.96
Sep	1.3425	0.9227	12.73	1.3448	0.9485	12.96
Oct	1.2851	0.9241	12.54	1.2874	0.9499	12.77
Nov	1.2851	0.9241	12.54	1.2874	0.9499	12.77
Dec	1.4808	0.9521	13.47	1.4785	0.9263	13.23
2001						
Jan	1.4808	0.9521	13.47	1.4785	0.9263	13.23
Feb	1.4844	0.9261	13.25	1.4867	0.9519	13.48
Mar	1.4844	0.9261	13.25	1.4867	0.9519	13.48
Apr	1.5980	0.9229	13.62	1.6003	0.9487	13.85
May	1.5980	0.9229	13.62	1.6003	0.9487	13.85
Jun	2.0551	0.9240	15.23	2.0574	0.9498	15.46
Jul	2.0551	0.9240	15.23	2.0574	0.9498	15.46
Aug	2.1872	0.8957	15.45	2.1895	0.9215	15.68
Sep	2.1872	0.8957	15.45	2.1895	0.9215	15.68
Oct	2.3877	0.8789	16.00	2.3854	0.8531	15.77
Nov	2.3877	0.8789	16.00	2.3854	0.8531	15.77
Dec	1.5605	0.8718	13.05	1.5582	0.8460	12.81
2002						
Jan	1.5605	0.8718	13.05	1.5582	0.8460	12.81
Feb	1.4460	0.8143	12.14	1.4483	0.8401	12.38
Mar	1.4460	0.8143	12.14	1.4483	0.8401	12.38
Apr	1.3620	0.7983	11.71	1.3643	0.8241	11.94
May	1.3620	0.7983	11.71	1.3643	0.8241	11.94
Jun	1.2190	0.7993	11.22	1.2213	0.8251	11.45
Jul	1.2190	0.7993	11.22	1.2213	0.8251	11.45
Aug	1.1102	0.7983	10.83	1.1125	0.8241	11.06
Sep	1.1102	0.7983	10.83	1.1125	0.8241	11.06
Oct	1.0431	0.8001	10.61	1.0454	0.8259	10.84
Nov	1.0431	0.8001	10.61	1.0454	0.8259	10.84
Dec	1.1036	0.8068	10.88	1.1059	0.8326	11.11

^{1/} Calculated on 3.5 percent fat and 8.7 percent solids-not-fat.



Minimum Class 3 Prices

Minimum Prices in California for Market Milk Used to Produce Class 3 Products, by Marketing Area, 1998-2002

Year & Month	Northern California			Southern California		
	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	<i>Dollars Per Pound</i>		<i>Per Cwt.^{1/}</i>	<i>Dollars Per Pound</i>		<i>Per Cwt.^{1/}</i>
1998						
Jan	1.6795	0.9535	14.17	1.6818	0.9535	14.18
Feb	1.3933	0.9495	13.14	1.3956	0.9495	13.15
Mar	1.3933	0.9495	13.14	1.3956	0.9495	13.15
Apr	1.5095	0.9416	13.48	1.5118	0.9416	13.48
May	1.5095	0.9416	13.48	1.5118	0.9416	13.48
Jun	1.6090	0.9449	13.85	1.6113	0.9449	13.86
Jul	1.6090	0.9449	13.85	1.6113	0.9449	13.86
Aug	2.1613	0.9431	15.77	2.1636	0.9431	15.78
Sep	2.1613	0.9431	15.77	2.1636	0.9431	15.78
Oct	2.7811	0.9522	18.02	2.7834	0.9522	18.03
Nov	2.7811	0.9522	18.02	2.7834	0.9522	18.03
Dec	2.3582	0.9891	16.86	2.3605	0.9891	16.87
1999						
Jan	2.3582	0.9891	16.86	2.3605	0.9891	16.87
Feb	1.5935	0.9850	14.15	1.5958	0.9850	14.15
Mar	1.5935	0.9850	14.15	1.5958	0.9850	14.15
Apr	1.4297	0.9366	13.15	1.4320	0.9366	13.16
May	1.4297	0.9366	13.15	1.4320	0.9366	13.16
Jun	1.1616	0.9215	12.08	1.1639	0.9215	12.09
Jul	1.1616	0.9215	12.08	1.1639	0.9215	12.09
Aug	1.5711	0.9183	13.49	1.5734	0.9183	13.50
Sep	1.5711	0.9183	13.49	1.5734	0.9183	13.50
Oct	1.5056	0.9194	13.27	1.5079	0.9194	13.28
Nov	1.5056	0.9194	13.27	1.5079	0.9194	13.28
Dec	1.1803	0.9230	12.16	1.1826	0.9230	12.17
2000						
Jan	1.1803	0.9230	12.16	1.1826	0.9230	12.17
Feb	0.9518	0.9198	11.33	0.9541	0.9198	11.34
Mar	0.9518	0.9198	11.33	0.9541	0.9198	11.34
Apr	1.0140	0.9180	11.54	1.0163	0.9180	11.54
May	1.0140	0.9180	11.54	1.0163	0.9180	11.54
Jun	1.2350	0.9178	12.31	1.2373	0.9178	12.32
Jul	1.2350	0.9178	12.31	1.2373	0.9178	12.32
Aug	1.3425	0.9227	12.73	1.3448	0.9485	12.96
Sep	1.3425	0.9227	12.73	1.3448	0.9485	12.96
Oct	1.2851	0.9184	12.49	1.2874	0.9184	12.50
Nov	1.2851	0.9184	12.49	1.2874	0.9184	12.50
Dec	1.4785	0.9206	13.18	1.4808	0.9206	13.19
2001						
Jan	1.4785	0.9206	13.18	1.4808	0.9206	13.19
Feb	1.4844	0.9204	13.20	1.4867	0.9204	13.21
Mar	1.4844	0.9204	13.20	1.4867	0.9204	13.21
Apr	1.5980	0.9172	13.57	1.6003	0.9172	13.58
May	1.5980	0.9172	13.57	1.6003	0.9172	13.58
Jun	2.0551	0.9183	15.18	2.0574	0.9183	15.19
Jul	2.0551	0.9183	15.18	2.0574	0.9183	15.19
Aug	2.1872	0.8900	15.40	2.1895	0.8900	15.41
Sep	2.1872	0.8900	15.40	2.1895	0.8900	15.41
Oct	2.3854	0.8474	15.72	2.3877	0.8474	15.73
Nov	2.3854	0.8474	15.72	2.3877	0.8474	15.73
Dec	1.5582	0.8403	12.76	1.5605	0.8403	12.77
2002						
Jan	1.5582	0.8403	12.76	1.5605	0.8403	12.77
Feb	1.4460	0.8086	12.10	1.4483	0.8086	12.10
Mar	1.4460	0.8086	12.10	1.4483	0.8086	12.10
Apr	1.3620	0.7926	11.66	1.3643	0.7926	11.67
May	1.3620	0.7926	11.66	1.3643	0.7926	11.67
Jun	1.2190	0.7936	11.17	1.2213	0.7936	11.18
Jul	1.2190	0.7936	11.17	1.2213	0.7936	11.18
Aug	1.1102	0.7926	10.78	1.1125	0.7926	10.79
Sep	1.1102	0.7926	10.78	1.1125	0.7926	10.79
Oct	1.0431	0.7944	10.56	1.0454	0.7944	10.57
Nov	1.0431	0.7944	10.56	1.0454	0.7944	10.57
Dec	1.1036	0.8011	10.83	1.1059	0.8011	10.84

^{1/} Calculated on 3.5 percent fat and 8.7 percent solids-not-fat.



Minimum Class 4a/4b Prices

Minimum Prices in California for Market Milk Used to Produce Class 4a and 4b Products, by Marketing Area, 1998-2002

Month	Class 4a			Class 4b		
	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	<i>Dollars Per Pound</i>		<i>Per Cwt.^{1/}</i>	<i>Dollars Per Pound</i>		<i>Per Cwt.^{1/}</i>
1998						
Jan	1.2420	0.8874	12.07	1.2420	0.9366	12.50
Feb	1.5006	0.8849	12.95	1.5006	0.8354	12.52
Mar	1.4443	0.8811	12.72	1.4443	0.7964	11.98
Apr	1.4784	0.8863	12.89	1.4784	0.6834	11.12
May	1.6656	0.8863	13.54	1.6656	0.5299	10.44
Jun	2.0166	0.8842	14.75	2.0166	0.6992	13.14
Jul	2.2320	0.8848	15.51	2.2320	0.7523	14.36
Aug	2.4059	0.8855	16.12	2.4059	0.7415	14.87
Sep	3.0822	0.9016	18.63	3.0822	0.5307	15.40
Oct	2.7172	0.9295	17.60	2.7172	0.7890	16.37
Nov	1.9110	0.9257	14.74	1.9110	1.1629	16.81
Dec	1.5539	0.9290	13.52	1.5539	1.3452	17.14
1999						
Jan	1.5449	0.9179	13.39	1.5449	1.0273	14.34
Feb	1.4076	0.8847	12.62	1.4076	0.7314	11.29
Mar	1.3636	0.8655	12.30	1.3636	0.7750	11.52
Apr	1.0674	0.8624	11.24	1.0674	0.8906	11.48
May	1.1676	0.8575	11.55	1.1676	0.7573	10.68
Jun	1.6276	0.8565	13.15	1.6276	0.7140	11.91
Jul	1.4264	0.8570	12.45	1.4264	1.0304	13.96
Aug	1.5053	0.8587	12.74	1.5053	1.3375	16.90
Sep	1.4318	0.8629	12.52	1.4318	1.1554	15.06
Oct	1.1729	0.8643	11.62	1.1729	0.8688	11.66
Nov	1.1136	0.8646	11.42	1.1136	0.6871	9.88
Dec	0.9186	0.8625	10.72	0.9186	0.7416	9.67
2000						
Jan	0.9109	0.8599	10.67	0.9109	0.7352	9.58
Feb	0.9322	0.8596	10.74	0.9322	0.6915	9.28
Mar	1.0218	0.8591	11.05	1.0218	0.6625	9.34
Apr	1.1194	0.8592	11.39	1.1194	0.6156	9.27
May	1.2766	0.8591	11.94	1.2766	0.5408	9.17
Jun	1.3589	0.8585	12.23	1.3589	0.6002	9.98
Jul	1.2521	0.8583	11.85	1.2521	0.7189	10.64
Aug	1.2499	0.8600	11.86	1.2499	0.7127	10.57
Sep	1.2463	0.8596	11.84	1.2463	0.8002	11.32
Oct	1.2084	0.8620	11.73	1.2084	0.5496	9.01
Nov	1.6746	0.8621	13.36	1.6746	0.3280	8.71
Dec	1.6121	0.8615	13.14	1.6121	0.4310	9.39
2001						
Jan	1.2827	0.8621	11.99	1.2827	0.5435	9.22
Feb	1.4512	0.8597	12.56	1.4512	0.5709	10.05
Mar	1.6709	0.8574	13.31	1.6709	0.6318	11.34
Apr	1.9566	0.8587	14.32	1.9566	0.6064	12.12
May	2.0796	0.8607	14.77	2.0796	0.7906	14.16
Jun	2.1908	0.8583	15.14	2.1908	0.8219	14.82
Jul	2.1096	0.8045	14.38	2.1096	0.8705	14.96
Aug	2.2834	0.7844	14.82	2.2834	0.8350	15.26
Sep	2.4134	0.7932	15.35	2.4134	0.8166	15.55
Oct	1.6199	0.7874	12.52	1.6199	0.7623	12.30
Nov	1.4224	0.7760	11.73	1.4224	0.6466	10.60
Dec	1.3744	0.7629	11.45	1.3744	0.7082	10.97
2002						
Jan	1.4436	0.7370	11.46	1.4436	0.7314	11.42
Feb	1.3289	0.7347	11.04	1.3289	0.6610	10.40
Mar	1.3211	0.7332	11.00	1.3211	0.6413	10.20
Apr	1.2446	0.7329	10.73	1.2446	0.7164	10.59
May	1.1051	0.7313	10.23	1.1051	0.7311	10.23
Jun	1.0774	0.7312	10.13	1.0774	0.6688	9.59
Jul	1.0548	0.7309	10.05	1.0548	0.5987	8.90
Aug	1.0238	0.7319	9.95	1.0238	0.7016	9.69
Sep	0.9742	0.7338	9.79	0.9742	0.7489	9.93
Oct	1.0508	0.7376	10.10	1.0508	0.7754	10.42
Nov	1.0681	0.7416	10.19	1.0681	0.6016	8.97
Dec	1.1603	0.6914	10.08	1.1603	0.6174	9.43

^{1/} Calculated based on 3.5 percent fat and 8.7 percent solids-not-fat.



Quota, Base, and Overbase Prices

Pool Prices for Quota, Base, and Overbase 1998-2002

Year & Month	Quota			Base and Overbase ^{1/}		
	Fat	SNF	Equivalent	Fat	SNF	Equivalent
	<i>Dollars Per Pound</i>		<i>Per Cwt. ^{2/}</i>	<i>Dollars Per Pound</i>		<i>Per Cwt. ^{2/}</i>
1998						
Jan	1.264	1.114	14.12	1.264	0.919	12.42
Feb	1.465	1.090	14.61	1.465	0.895	12.91
Mar	1.405	1.065	14.19	1.405	0.870	12.49
Apr	1.444	1.027	13.99	1.444	0.832	12.29
May	1.582	0.962	13.91	1.582	0.767	12.21
Jun	1.794	1.008	15.05	1.794	0.813	13.35
Jul	1.889	1.025	15.53	1.889	0.830	13.83
Aug	2.190	1.054	16.84	2.190	0.859	15.14
Sep	2.622	0.983	17.73	2.622	0.788	16.03
Oct	2.543	1.118	18.64	2.543	0.923	16.94
Nov	1.939	1.272	17.85	1.939	1.077	16.15
Dec	1.653	1.362	17.64	1.653	1.167	15.94
1999						
Jan	1.640	1.232	16.46	1.640	1.037	14.76
Feb	1.474	1.119	14.90	1.474	0.924	13.20
Mar	1.441	1.128	14.86	1.441	0.933	13.16
Apr	1.109	1.078	13.26	1.109	0.883	11.56
May	1.201	1.024	13.11	1.201	0.829	11.41
Jun	1.461	1.004	13.85	1.461	0.809	12.15
Jul	1.301	1.131	14.40	1.301	0.936	12.70
Aug	1.477	1.261	16.14	1.477	1.066	14.44
Sep	1.412	1.193	15.32	1.412	0.998	13.62
Oct	1.284	1.155	14.55	1.284	0.960	12.85
Nov	1.242	1.087	13.81	1.242	0.892	12.11
Dec	0.972	1.006	12.16	0.972	0.811	10.46
2000						
Jan	0.962	0.964	11.74	0.962	0.769	10.05
Feb	0.936	0.962	11.65	0.936	0.767	9.95
Mar	1.000	0.945	11.73	1.000	0.750	10.03
Apr	1.097	0.945	12.06	1.097	0.750	10.36
May	1.220	0.916	12.24	1.220	0.721	10.54
Jun	1.321	0.937	12.78	1.321	0.742	11.08
Jul	1.275	0.981	13.00	1.275	0.786	11.30
Aug	1.278	0.982	13.02	1.278	0.787	11.32
Sep	1.266	1.020	13.31	1.266	0.825	11.61
Oct	1.229	0.918	12.29	1.229	0.723	10.59
Nov	1.576	0.824	12.69	1.576	0.629	10.99
Dec	1.579	0.857	12.98	1.579	0.662	11.28
2001						
Jan	1.379	0.908	12.73	1.379	0.713	11.03
Feb	1.443	0.918	13.04	1.443	0.723	11.34
Mar	1.623	0.942	13.88	1.623	0.747	12.18
Apr	1.872	0.931	14.65	1.872	0.736	12.95
May	1.968	1.013	15.70	1.968	0.818	14.00
Jun	2.158	1.023	16.46	2.158	0.828	14.76
Jul	2.107	1.031	16.35	2.107	0.836	14.65
Aug	2.265	1.008	16.70	2.265	0.813	15.00
Sep	2.359	0.999	16.95	2.359	0.804	15.25
Oct	1.796	0.968	14.71	1.796	0.773	13.01
Nov	1.585	0.933	13.67	1.585	0.738	11.97
Dec	1.400	0.923	12.93	1.400	0.728	11.23
2002						
Jan	1.458	0.928	13.18	1.458	0.733	11.48
Feb	1.361	0.892	12.53	1.361	0.697	10.83
Mar	1.346	0.880	12.37	1.346	0.685	10.67
Apr	1.275	0.913	12.41	1.275	0.718	10.71
May	1.163	0.918	12.06	1.163	0.723	10.36
Jun	1.108	0.887	11.60	1.108	0.692	9.90
Jul	1.093	0.857	11.28	1.093	0.662	9.58
Aug	1.044	0.899	11.48	1.044	0.704	9.78
Sep	1.006	0.926	11.58	1.006	0.731	9.88
Oct	1.047	0.939	11.84	1.047	0.744	10.14
Nov	1.089	0.876	11.44	1.089	0.681	9.74
Dec	1.149	0.857	11.48	1.149	0.662	9.78

^{1/} Base and Overbase prices have been combined. They have been the same since January 1994.

^{2/} Calculated based on 3.5 percent fat and 8.7 percent solids-not-fat.



Average Prices Paid to Producers

Average Prices Paid Producers in California For All Bulk Milk (Grade A and Grade B), By Month, 1998-2002 ^{1/2/}

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
1998	13.58	14.03	13.39	13.13	12.94	13.94	14.40	15.62	16.68	18.08	17.24	17.19	15.02
1999	15.89	14.14	13.99	12.30	12.03	12.75	13.28	15.10	14.32	13.60	12.94	11.35	13.47
2000	10.88	10.70	10.81	11.02	11.17	11.61	11.84	11.90	12.32	11.39	12.02	12.31	11.50
2001	12.03	12.27	13.04	13.76	14.65	15.35	15.25	15.67	16.07	13.84	12.90	12.30	13.93
2002	12.52	11.73	11.47	11.38	10.98	10.42	10.07	10.34	10.48	10.86	10.53	10.61	10.95

^{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 Producers in California For All Bulk Milk (Grade A and Grade B), By Month, 1998-2002 ^{1/2/}

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
1998	13.56	14.03	13.39	13.15	12.96	13.94	14.39	15.62	16.68	18.08	17.22	17.17	15.02
1999	15.89	14.15	14.00	12.30	12.03	12.74	13.26	15.07	14.30	13.61	12.96	11.35	13.47
2000	10.88	10.71	10.82	11.03	11.18	11.62	11.85	11.91	12.31	11.41	12.03	12.32	11.50
2001	12.03	12.28	13.04	13.76	14.64	15.34	15.25	15.66	16.06	13.85	12.90	12.30	13.93
2002	12.52	11.73	11.47	11.38	10.97	10.43	10.07	10.34	10.48	10.85	10.53	10.60	10.95

^{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 Producers in California For All Bulk Milk (Grade A and Grade B), By Month, 1998-2002 ^{1/2/}

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<i>Dollars Per Hundredweight</i>													
1998	14.71	13.85	13.20	12.39	12.13	13.91	15.07	15.77	16.90	18.32	18.65	19.01	15.32
1999	15.72	13.30	12.97	12.53	12.00	13.58	14.63	17.11	15.43	13.36	11.45	11.22	13.61
2000	10.80	10.28	10.21	10.43	10.84	10.81	11.49	11.53	12.47	10.25	10.64	11.16	10.91
2001	11.23	11.42	13.12	13.67	15.31	15.93	15.87	16.51	17.08	13.23	12.26	12.55	14.01
2002	12.88	11.43	11.28	11.38	11.33	10.24	9.80	10.51	10.75	11.46	10.35	10.87	11.02

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

Number of Farms and Milk Production, 1962-2002

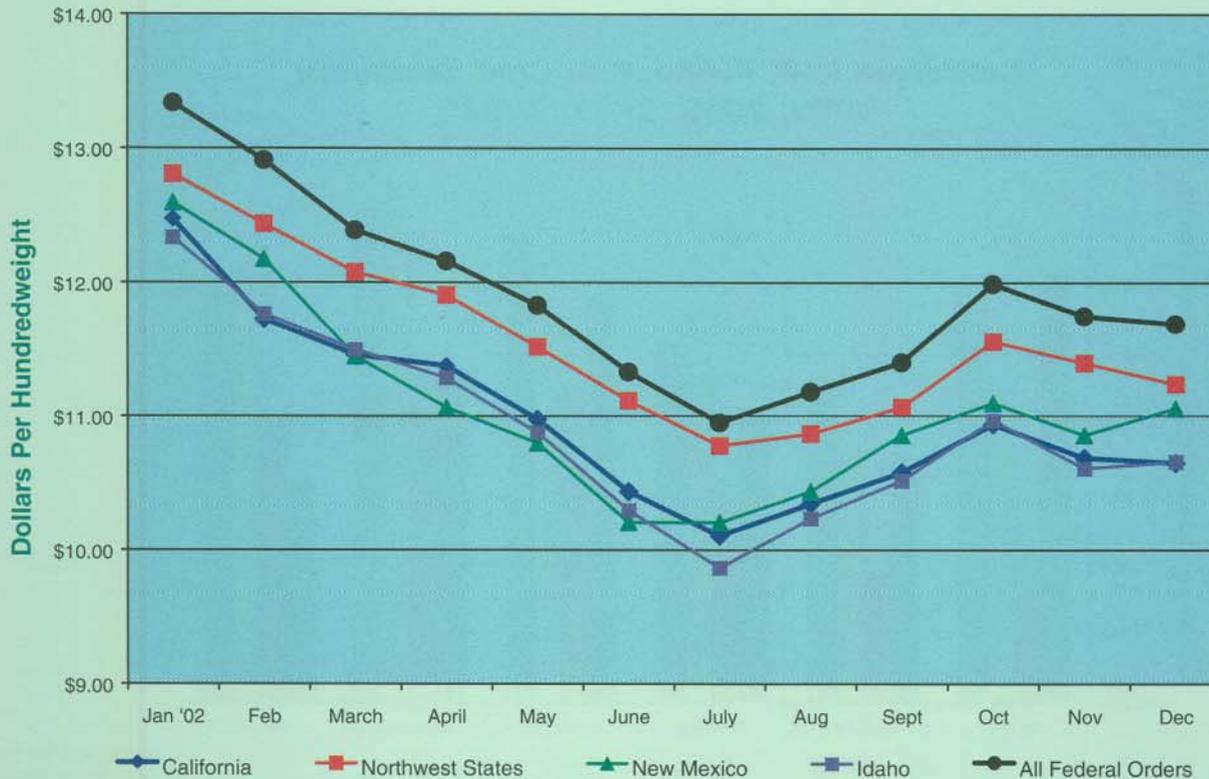


Mailbox Milk Prices

**Mailbox Milk Prices for Selected Reported Areas
in Federal Milk Orders and California, January 2002-December 2002**

Reporting Areas	Jan '02	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Dollars Per Hundredweight												
California	\$12.48	\$11.73	\$11.46	\$11.38	\$10.98	\$10.44	\$10.11	\$10.35	\$10.58	\$10.94	\$10.69	\$10.68
Northeast Fed. Milk Order	\$13.24	\$12.91	\$12.48	\$12.05	\$11.74	\$11.49	\$11.14	\$11.25	\$11.29	\$11.74	\$11.65	11.58
Appalachian States	\$13.83	\$13.37	\$12.92	\$12.57	\$12.31	\$12.08	\$12.18	\$12.29	\$12.21	\$12.42	\$12.58	12.45
Southeast States	\$14.09	\$13.57	\$13.21	\$13.05	\$12.69	\$12.83	\$12.98	\$13.17	\$13.10	\$13.24	\$13.35	12.93
Florida	\$15.81	\$15.34	\$15.13	\$15.09	\$14.75	\$14.68	\$15.28	\$15.58	\$15.36	\$15.50	\$15.31	14.92
Ohio	\$13.45	\$12.92	\$12.42	\$12.25	\$11.85	\$11.19	\$10.63	\$11.06	\$11.19	\$11.86	\$11.95	11.99
Michigan	\$13.26	\$12.79	\$12.27	\$12.06	\$11.68	\$11.06	\$10.48	\$10.87	\$11.03	\$11.68	\$11.56	11.61
Wisconsin	\$13.57	\$13.12	\$12.45	\$12.48	\$12.16	\$11.42	\$10.61	\$10.98	\$11.46	\$12.38	\$11.83	11.78
Minnesota	\$13.50	\$12.75	\$12.22	\$12.23	\$11.88	\$11.08	\$10.49	\$10.90	\$11.48	\$12.18	\$11.64	11.56
Illinois	\$13.22	\$13.07	\$12.32	\$12.21	\$12.02	\$11.31	\$10.83	\$10.83	\$11.29	\$12.15	\$11.87	11.77
Northern Missouri	\$13.45	\$12.94	\$12.91	\$12.67	\$12.56	\$12.21	\$11.42	\$11.64	\$12.03	\$12.69	\$12.46	12.25
Southern Missouri	\$13.09	\$12.46	\$12.19	\$12.06	\$11.76	\$11.66	\$11.61	\$11.73	\$11.55	\$11.92	\$11.92	11.72
Corn Belt States	\$13.12	\$12.71	\$12.06	\$12.02	\$11.68	\$10.96	\$10.45	\$10.82	\$11.19	\$11.94	\$11.57	11.41
Western Texas	\$13.48	\$13.10	\$12.39	\$11.98	\$11.66	\$11.14	\$11.11	\$11.38	\$11.75	\$12.14	\$11.99	11.95
New Mexico	\$12.60	\$12.18	\$11.45	\$11.07	\$10.80	\$10.21	\$10.21	\$10.44	\$10.86	\$11.10	\$10.86	11.06
Idaho	\$12.34	\$11.77	\$11.50	\$11.29	\$10.88	\$10.30	\$9.87	\$10.24	\$10.52	\$10.97	\$10.61	10.66
Utah	\$12.41	\$11.99	\$11.30	\$11.08	\$10.72	\$10.13	\$9.48	\$9.85	\$10.16	\$10.87	\$10.56	10.37
Northwest States	\$12.81	\$12.44	\$12.08	\$11.91	\$11.52	\$11.12	\$10.78	\$10.87	\$11.07	\$11.56	\$11.40	11.24
All Federal Order Areas	\$13.34	\$12.91	\$12.39	\$12.16	\$11.83	\$11.33	\$10.95	\$11.18	\$11.40	\$11.99	\$11.75	11.69

**Mailbox Milk Prices for Selected States and the
All Federal Milk Order Prices, January 2002-December 2002**



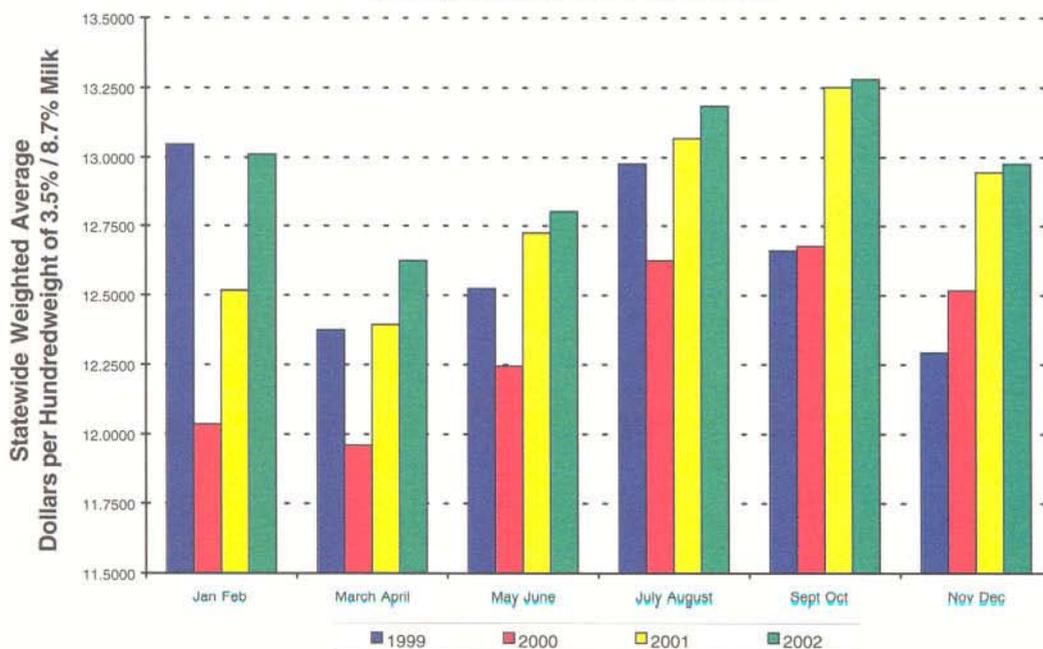
During the hearing process, the Department considers the cost of producing market milk in establishing minimum prices for the various classes of milk. Since 1955, the Department's Cost of Production Unit has been collecting and summarizing cost data from California dairy farms. The staff reviews dairy farm financial records on-site and works with dairy managers to determine allocations of dairy expenditures to produce milk. Dairy producers find that the studies and resulting cost comparisons are a valuable tool in dairy management.

The Cost of Production Unit conducts surveys for five dairy regions (see map at right) within California (Del Norte-Humboldt, North Bay, North Valley, South Valley, and Southern California). The 2002 statewide weighted average on-farm cost of milk production increased by \$0.15 per hundredweight over the 2001 cost of production. This increase in cost of production can be attributed primarily to higher feed and replacement heifer prices.

For more information on the cost of production, see the latest Cost of Production Annual.



California Milk Production Cost Summary 1999, 2000, 2001, 2002*



*Based on Milk Production Cost Index Reports



The Department's Manufacturing Cost Unit collects and summarizes cost data from California dairy manufacturing plants. Any plant that produces Class 4a or Class 4b products may be asked to participate in the cost studies. The butter, nonfat dry milk (NFDM), and Cheddar cheese study participants typically account for over 97 percent of these respective products manufactured in California.

The Department annually reviews the cost of manufacturing milk into butter, NFDM, and Cheddar cheese with other factors.

These costs are considered when establishing the manufacturing cost allowances for the minimum pricing formulas during the hearing process. The table below shows the weighted average manufacturing costs per pound for butter (salted and unsalted), NFDM, and Cheddar cheese. Costs included in this summary are packaging, processing labor, processing non-labor, general and administrative, return on investment and, for butter and Cheddar cheese, miscellaneous ingredients.

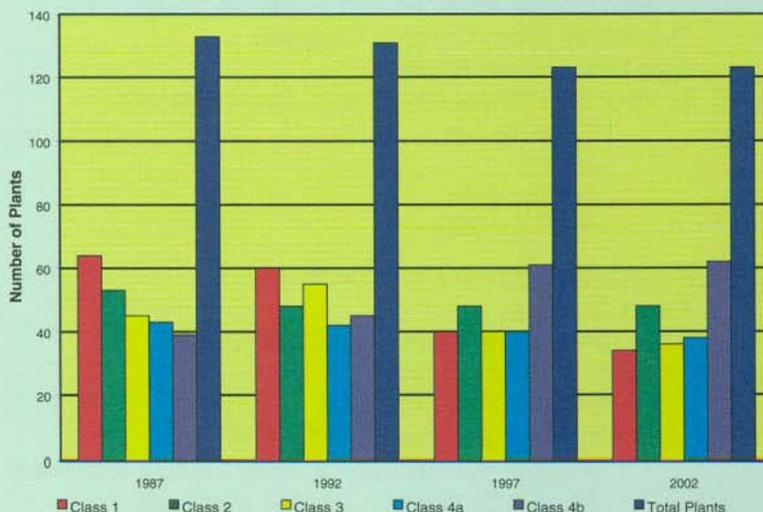
Weighted Average Manufacturing Costs, 1989-2002

Exhibit Date	Butter	# of Butter Plants	Nonfat Powder	# of NFDM Plants	Cheddar Cheese	# of Cheddar Cheese Plants ^{1/}
May 1989	\$0.0879	11	0.1370	11	\$0.2251	9
June 1990	\$0.0888	11	0.1398	11	\$0.2324	9
May 1991	\$0.0883	10	0.1438	11	\$0.2192	9
July 1992	\$0.0969	12	0.1443	12	\$0.2010	9
August 1993	\$0.0936	12	0.1430	11	\$0.1868	10
September 1994	\$0.0895	11	0.1341	11	\$0.1889	8
April 1995	\$0.0889	9	0.1327	9	\$0.1862	8
November 1995	\$0.0928	9	0.1328	9	\$0.1981	8
December 1996	\$0.0970	9	0.1333	9	\$0.1898	8
July 1997	\$0.0958	8	0.1327	9	\$0.1840	9
February 1999	\$0.0930	8	0.1277	9	\$0.1759	10
February 2000	\$0.0957	8	0.1356	10	\$0.1693	9
October 2001 ^{2/}	\$0.1001	8	0.1590	11	\$0.1802	9
December 2002 ^{3/}	\$0.1211	7	0.1512	11	\$0.1746	9

1/ For the 1996 Cheddar cheese cost study and subsequent cost studies, we have included costs associated with Cheddar cheese plants producing 500 pound barrels and 640 pound blocks. However, costs for packaging labor and packaging expenses were replaced with the average of those costs associated with 40 pound block plants.
 2/ Includes the cost studies completed for periods between January 1998 and December 1999 and adjusted for utility costs. The utility cost adjustments were made using each plant's invoices for energy costs for August 2001.
 3/ Includes the current completed cost studies plus the August 2002 utility cost adjustments as well as 2002 data updating wages, payroll taxes and fringe benefits for all plants.

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

California milk processing plants are experiencing trends similar to what other dairy processing plants across the U.S. are experiencing: more milk processed at fewer dairy plants. From 1960 to 2002, the number of California processing plants decreased from about 600 to 123. In addition, dairy processing plants of the 1960's often produced a wide range of products, whereas today, plants tend to specialize in the processing of only a few dairy products. The chart depicts the historical trend for the number of milk processing plants between 1987-2002. In the last 15 years, note the overall decline in the plants processing Class 1, 2, 3 and 4a milk, whereas the number of plants processing Class 4b milk has increased. This growth reflects increases in both large bulk and small artisan cheese plants.



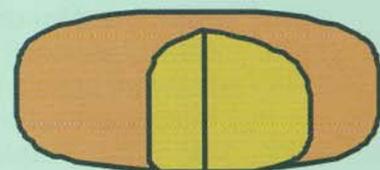
PRODUCT DESCRIPTION

CLASSIFICATION

Cream	2
Dairy Spread	2
Egg Nog	2
Flavored Cream	2
Flavored Drink	2
Lowfat Milk	2
Milk	2
Milk Drink Mix	2
Sour Cream	2
Sour Flavored Half and Half	2
Ultrasteurized 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 4a if sold outside the U.S.

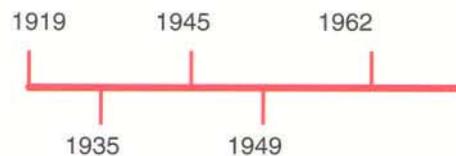
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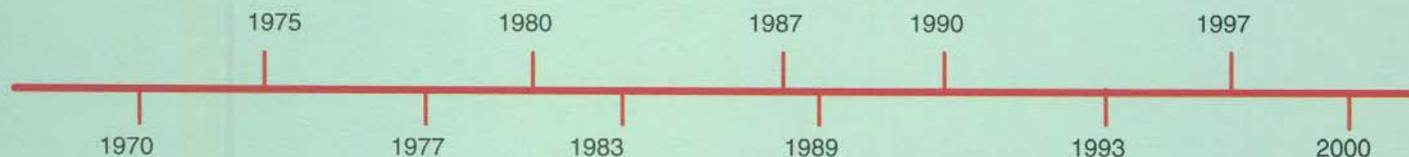


CALIFORNIA DAIRY INDUSTRY HISTORIC TIMELINE

(As Related to Government)



- 1919 California Department of Food and Agriculture established.
Milk and Dairy Foods Control Branch established.
- 1932 Los Angeles Milk Arbitration Board: State sponsored voluntary agreement among producers and handlers to set producer and resale prices.
- 1933 Federal license (order) established in Southern California – immediately enjoined by federal courts.
- 1935 Young Act Establishes minimum producer pricing. Dairy Marketing
- 1937 Desmond Act Establishes minimum wholesale and retail pricing. (repealed 1978)
Minimum producer prices extended to all classes of milk.
- 1945 Dairy Products Promotion Act Establishes the Dairy Council of California to foster education and promotional programs.
- 1947 Unfair Practices Act Regulates unfair dairy business practices.
Prohibits sales below cost.
- 1949 Federal Price Support for dairy industry established.
- 1955 Major Amendment of Young Act: Basis for pricing changed.
- 1962 AB 2742 Establishes component pricing for fluid milk products.
(butterfat, solids not fat, and fluid carrier).
California introduces reduced fat (2 10) milk.
- 1965 Component pricing for manufactured products begins, based solely on finished product prices for butter and nonfat dry milk.
- 1967 Gonsalves Milk Pooling Act Establishes a statewide pooling of producer revenues, using a system of quota, base and overbase.
- 1969 Gonsalves Milk Pooling Act becomes effective.
California Milk Advisory Board established.
- 1970 California Manufacturing Milk Advisory Board established.
- 1973 Quality assurance dating was extended to most dairy products.
Forward pricing for Class 2 and 3 products began.
Suspension of minimum wholesale pricing began.
- 1974 AB 1570 Requires cottage cheese, buttermilk, and sour cream dressing be made from market grade milk.
- 1975 Minimum retail prices suspended in Zone 1 of the North Central Valley area.
- 1977 Minimum retail and wholesale prices suspended in all areas.
Market Milk Enforcement consolidated with Dairy Marketing.
- 1978 AB 1110 Desmond Act repealed. All original quota equalized.
Authority to establish formula pricing.
Economic formula to determine Class 1 prices implemented. Established two month pricing periods.



- 1981 Transportation credits (plant to plant)
- 1982 Transportation allowances (ranch to plant)
- 1980 Fluid milk usage goes below 50 percent of total milk production on an annual basis.
- 1982 AB 903 Class 4 divided into Class 4a and Class 4b.
- 1983 Dairy and Tobacco Adjustment Act of 1983 Dairy Diversion Program: first federal use of supply control in the dairy industry.
- 1984 AB 910 Milk Pooling statutes revised relative to issuance of new quota. Quota allocated based on Class 1 growth above historic high. Implementation of \$0.15 per hundredweight national promotion assessment.
- 1985 1985 Farm Bill Dairy Termination Program
- 1987 SB 29 Establishes Milk Producers Security Trust Fund.
- 1989 Class 4b prices based on cheese prices began. Two month pricing for Classes 2 and 3 began.
- 1990 Lowfat (1 11) milk introduced.
- 1991 Fluid milk usage goes below both Class 4a and 4b usage
- 1993 SB 688 Milk Pooling Statutes revised to temporarily provide a fixed Class 1 price differential of \$1.70, between quota and overbase, from January 1, 1994 to January 1, 1995.
SB 72 Authorizes dairy product cross promotion. Yogurt reclassified from Class 1 to Class 2 milk product. Quota allocation now based on Class 1 and 2 SNF growth.
Cost of Production and consumer purchasing power removed from Class 1 pricing formula. Now formula only uses Commodity Reference Price.
California Milk Processors Board established.
California Dairy Advisory Committee established.
- 1994 AB 1285 Removes sunset clause on SB 688 making the \$1.70 fixed differential permanent.
- 1996 SB 1885 Changes accounting for restricted use market milk. Eliminates producer's ability to de pool their milk on a monthly basis by giving up their Grade A permit.
- 1997 Changed the pool accounting for other source milk on July 1.
- 1998 AB 1058 Removes sunset clause on SB 1885.
- 1999 California Milk Price Survey initiated as a result of SB 419, legislation passed in September 1999 (survey was discontinued when SB 419 sunset expired 12/31/2001).
- 2000 As a result of changes to both systems, pricing in California and Federal Milk Marketing Orders become much more similar.
- 2001 Major amendment to transportation credits and allowances, including establishing a new receiving area for San Diego County.
- 2002 Introduction of Federal Milk Income Loss Contract (MILC) program to supplement price support system.



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