

California Agricultural Overview 1998

California's Gross Cash Income Drops 6%

Agricultural production and gross cash income in 1998 declined to \$25.9 billion, 6 percent below the previous year. Cash receipts from farm marketings totaled \$24.6 billion, also down 6% from 1997; other farm related income totaled \$1.28 billion. Of the total gross income, livestock and poultry comprised 26%; fruit and nuts, 25%; vegetables, 23%; field crops, 11%; nursery, greenhouse products, and Christmas trees, 10%. Livestock and poultry cash receipts jumped 8%, due entirely to an 18% increase in milk and cream receipts. Fruit and nut receipts decreased 16% to \$6.52 billion; vegetables declined 5% to \$5.91 billion; field crops dropped 15% to \$2.86 billion; and nursery and greenhouse products declined 3% to \$2.48 billion.

Notable increases in marketings were as follows: Bushberries, +32%; strawberries, +14%; grapefruit, +98%; kiwifruit, +49%; Freestone peaches, +26%; plums, +29%; asparagus, +35%; snap beans, +15%; broccoli, +17%; chickens, +33%; milk and cream, +18%.

Significant decreases in marketings occurred in: cottonseed, -48%; hay, -23%; oats, -38%; wheat, -30%; almonds, -40%; apples, -23%; cherries, -62%; olives, -38%; Clingstone peaches, -21%; pecans, -29%; prunes, -29%; tangerines, -45%; walnuts, -40%; garlic, -36%; lettuce, -24%; hogs, -42%; sheep and lambs, -35%, and wool, -27%.

California Farm Facts

About 12.1% of the national gross cash receipts for farming is produced in California on 89,000 farms.

This constitutes 4.1% of the Nation's total farms (based on the 1997 Census of Agriculture definition of farms as places with annual sales of agricultural products of \$1,000 or more).

Some 350 crops are recognized in California, including seeds, flowers and ornamentals. This directory contains information about 62 major crops grown on a large commercial scale in California:

13 Field Crops,
25 Fruits and Nuts,
22 Vegetables and Melons,
Nursery Products and Cut Flowers

In addition, data are shown for 11 livestock, poultry, and other products.

California's top twenty crop and livestock commodities account for 77% of the State's gross farm income. A large number are specialty crops in which the Golden State accounts for most of the U.S. production.

California's Diversity

California agriculture is considered one of the most diversified in the world, with no one crop dominating the States's farm economy. This is illustrated by the fact that only one product, milk & cream, exceeds 10% and that five leading commodities account for 42% of the States's total gross farm income. California is the number one dairy state and continues to lead the Nation in the production of many other commodities, such as fruit, nuts, and vegetable crops. These crops account for over half of the Nation's production.

El Nino Weather takes its Toll on Crop Production

The Golden State experienced another El Nino year (July 1997-June 1998). The El Nino storms held off until January 1998, but raised havoc on a number of crops. Particularly hard hit were the coastal valleys, which remained wet for the first half of 1998. Results of the rain were delayed planting, damaged produce, and high supermarket prices for California vegetables. In the Salinas Valley, lettuce and broccoli were in short supply, while the strawberries turned mushy in Monterey and Santa Cruz counties.

Roads and bridges were washed out and levees were threatened or breached as rivers peaked and the rain kept falling. Precipitation records were broken all over the State as the Central Valley spring began to emerge. Producers had a difficult time getting in their fields because of the extremely wet soil. Normal cultural practices, such as spraying, pruning, and tying vines were delayed. Temperatures during January and February were generally above normal and many of the deciduous fruit and nut crops did not receive the desired chilling degrees necessary for good crop dormancy. Almonds and early stone fruit trees were in bloom during February and March, but the bees had difficulty pollinating. Standing water delayed spring planting of tomatoes and field crops. Fungal problems abounded in orchards and vineyards. Stone fruit trees suffered damaged roots from totally saturated soils, while windrowed alfalfa molded. Dairy cows were miserably wet resulting in loss of milk production. Delays to rice planting and development were nearly unprecedented.

As spring progressed, the rain and cool weather continued and most crops were slow to develop. Cherry growers lost most of their fruit due to splits because of the rain. Some cotton fields remained too wet to be planted in time to grow a crop. Many planted cotton fields were plowed under for failure to thrive. As summer arrived, warmer weather hastened crop maturity, but most crop development was one to two weeks later than normal. Stone fruit suffered from brown rot, mold, and split pits. Bunch rot became a concern to table grape growers. Very high temperatures in August caused sunburn damage to walnuts. The quality of many crops was below normal. Most crops developed late, but the weather during the fall remained open and a majority of crops were harvested without any significant weather problems.

Crop and Livestock Commodities in which California Leads the Nation			
Alfalfa Hay	Chinese Cabbage	Ladino Clover Seed	Pomegranates
Alfalfa Seed	Chinese Peas	Lemons	Potted Flowering Plants
Almonds	Crenshaw Melons	Romaine Lettuce	Prunes
Apricots	Currants	Leaf Lettuce	Rabbits
Artichokes	Cut Flowers	Head Lettuce	Raisins
Asparagus	Dates	Milk	Safflower
Avocados	Dry Baby Lima Beans	Mustard Greens	Small Grain Hay
Bedding Plants	Dry Large Lima Beans	Nectarines	Spinach
Bell Peppers	Endive	Nursery Crops	Strawberries
Bermuda Grass Seed	Figs	Olives	Sudan Grass Seed
Blackeye Beans	Garbanzo Beans	Onions	Sweet Rice
Broccoli	Garlic	Oriental Vegetables	Table Grapes
Brussels Sprouts	Goat's Milk	Parsley	Processing Tomatoes
Bulbs	Green Onions	Peaches (Clingstone)	Vegetable & Flower Seed
Cantaloupes	Greenhouse Vegetables	Pears, Bartlett	Walnuts
Carrots	Herbs	Persian Melons	Watermelon
Casaba Melons	Honey	Persimmons	Wine Grapes
Cauliflower	Honeydew Melons	Pigeons & Squabs	
Celery	Kale	Pistachios	
Chicory	Kiwifruit	Plums	

California is the sole producer (99% or more) of the commodities in bold.

United States' Top Five Agricultural States

State	Rank	Total Value (Billion Dollars)
California	1	24.6
Texas	2	13.2
Iowa	3	10.9
Nebraska	4	8.8
Kansas	5	7.7

California's Top Twenty Commodities for 1998

Commodity	Value and Rank					
	1996		1997		1998	
	<i>\$1,000</i>					
Milk & Cream	3,714,624	(1)	3,629,762	(1)	4,290,392	(1)
Grapes, All	2,191,630	(2)	2,882,760	(2)	2,403,293	(2)
Nursery	1,660,778	(3)	1,697,559	(3)	1,756,901	(3)
Cattle & Calves	1,118,487	(4)	1,257,018	(5)	1,205,088	(4)
Lettuce, All	1,040,313	(6)	1,459,395	(4)	1,114,295	(5)
Tomatoes, All	923,873	(8)	817,497	(9)	840,081	(6)
Hay, All	840,896	(9)	967,624	(8)	801,690	(7)
Strawberries	584,860	(11)	686,418	(11)	782,923	(8)
Flowers & Foliage	651,555	(10)	792,321	(10)	768,541	(9)
Almonds	1,018,363	(7)	1,160,640	(6)	698,600	(10)
Oranges, All	489,490	(12)	584,260	(12)	614,610	(11)
Cotton, Lint	1,070,208	(5)	983,883	(7)	578,604	(12)
Chickens, All	457,502	(13)	473,210	(13)	507,556	(13)
Broccoli	382,225	(14)	431,301	(14)	502,875	(14)
Carrots	277,978	(18)	395,640	(15)	352,648	(15)
Eggs, Chicken	367,317	(15)	344,810	(17)	308,924	(16)
Rice	296,301	(17)	338,241	(18)	266,489	(17)
Avocados	233,136	(21)	260,162	(21)	263,473	(18)
Cantaloupes	232,342	(22)	231,569	(24)	249,480	(19)
Walnuts	326,560	(16)	384,670	(16)	229,270	(20)

California's Top Ten Agricultural Counties

County	Total Value				Leading Commodities
	1997		1998		
	<i>\$1,000</i>				
Fresno	3,425,794	(1)	3,286,806	(1)	Grapes, Poultry, Cotton
Tulare	2,894,549	(2)	2,922,057	(2)	Milk, Oranges, Grapes
Monterey	2,267,312	(3)	2,295,285	(3)	Lettuce, Broccoli, Strawberries
Kern	2,238,926	(4)	2,067,678	(4)	Grapes, Citrus, Almonds
Merced	1,526,824	(5)	1,449,754	(5)	Milk, Chickens, Almonds
San Joaquin	1,487,476	(6)	1,311,088	(6)	Grapes, Milk, Tomatoes
Stanislaus	1,318,667	(7)	1,302,714	(7)	Milk, Almonds, Chickens
Riverside	1,087,920	(9)	1,199,507	(8)	Milk, Grapes, Nursery
San Diego	1,139,276	(8)	1,178,391	(9)	Nursery, Avocados, Eggs
Imperial	1,039,928	(10)	1,083,232	(10)	Cattle, Alfalfa, Lettuce

Cash Income by Commodity Groups, 1996-98

Source of Income	1996	1997	1998
	\$1,000		
FIELD CROPS			
Alfalfa Seed	44,580	41,269	38,200
Barley	49,896	19,764	17,392
Beans, Dry	96,466	82,292	67,495
Corn for Grain	96,246	101,260	86,152
Cotton Lint	829,344	1,032,499	863,997
Cottonseed	117,871	126,604	66,344
Hay, All	590,860	783,050	601,794
Oats	3,925	3,844	2,391
Oil Crops	61,568	61,013	51,607
Potatoes (Excl. Sweet)	192,549	151,958	151,895
Potatoes, Sweet	59,415	55,993	52,694
Rice	240,763	312,594	324,154
Sugar Beets	104,017	120,582	117,740
Wheat	238,919	168,219	117,179
Other Seed Crops	111,540	144,969	149,089
Other Field Crops	141,190	153,142	155,450
TOTAL	2,979,149	3,359,052	2,863,573
Percent of Gross Cash Income	11.8	12.2	11.1
FRUIT & NUT CROPS			
Almonds	1,018,368	1,160,640	698,600
Apples	151,269	167,613	129,781
Apricots	30,663	37,673	31,895
Avocados	237,033	260,971	252,763
Berries, Bushberries	30,968	25,367	33,456
Berries, Strawberries	584,860	686,418	782,923
Cherries	45,430	63,375	23,978
Dates	23,301	23,574	24,609
Figs	12,894	15,209	12,579
Grapefruit	58,197	32,241	63,877
Grapes	2,187,737	2,875,672	2,414,420
Kiwifruit	13,157	16,483	24,544
Lemons	218,269	231,392	227,592
Nectarines	116,977	98,895	108,502
Olives	102,422	66,768	41,309
Oranges, Navel & Miscellaneous	299,726	375,875	322,786
Oranges, Valencia	255,850	274,286	264,098
Peaches, Clingstone	114,510	143,000	113,377
Peaches, Freestone	146,306	89,937	113,146
Pears	89,728	86,881	80,347
Pecans	1,079	3,960	2,822
Pistachios	121,800	203,400	193,640
Plums	95,831	76,825	98,845
Prunes	187,676	175,484	125,314
Tangerines	29,196	34,288	18,888
Walnuts	328,640	384,670	229,270
Other Fruits & Nuts	81,872	105,225	85,300
TOTAL	6,583,759	7,716,122	6,518,661
Percent of Gross Cash Income	26.1	27.9	25.2
CHRISTMAS TREES			
	12,491	10,469	11,000
Percent of Gross Cash Income	0.1	0.1	0.1
NURSERY & GREENHOUSE PRODUCTS			
	2,281,327	2,550,199	2,468,541
Percent of Gross Cash Income	9.1	9.2	9.5

Source of Income	1996	1997	1998
	\$1,000		
VEGETABLE CROPS			
Artichokes	65,416	73,910	62,899
Asparagus	64,691	93,105	126,024
Beans, Green Lima	16,015	16,052	---
Beans, Snap	38,050	27,894	32,091
Broccoli	388,753	431,301	502,875
Brussels Sprouts	20,120	21,180	22,249
Cabbage	44,100	69,911	78,890
Carrots	358,354	395,640	352,648
Cauliflower	203,499	181,829	196,696
Celery	181,606	247,371	207,515
Corn, Sweet	65,754	67,338	65,981
Cucumbers	71,894	57,969	66,052
Garlic	196,333	268,776	171,621
Lettuce	982,101	1,459,395	1,114,295
Melons, Cantaloupe	232,342	231,569	249,480
Melons, Honeydew	56,942	68,265	75,174
Melons, Watermelon	79,002	85,283	83,148
Mushrooms	154,711	163,122	164,920
Onions	251,529	230,828	232,018
Peppers, Green	173,506	155,040	170,374
Spinach	47,934	89,171	94,726
Tomatoes, Fresh	259,706	261,630	283,392
Tomatoes, Processing	651,249	555,867	499,775
Other Vegetable Crops	937,520	939,180	1,056,553
TOTAL	5,541,127	6,191,626	5,909,396
Percent of Gross Cash Income	22.0	22.4	22.8
LIVESTOCK, POULTRY & PRODUCTS			
Aquaculture	12,011	14,875	14,220
Broilers	456,690	471,978	505,920
Cattle & Calves	1,033,513	1,257,018	1,205,087
Chickens	812	1,232	1,636
Eggs	367,317	344,810	308,924
Hogs	41,895	46,561	27,133
Honey	22,932	22,050	23,157
Horses & Mules	---	55,000	60,000
Milk & Cream	3,714,624	3,629,762	4,290,392
Sheep & Lambs	83,589	80,393	52,094
Turkeys	221,738	201,978	181,507
Wool	3,256	3,002	2,196
Other Livestock/Poultry	166,734	181,000	172,805
TOTAL	6,125,111	6,309,659	6,845,071
Percent of Gross Cash Income	24.4	22.8	26.4
TOTAL CASH INCOME FROM MARKETINGS			
	23,522,964	26,137,127	24,616,242
FARM RELATED INCOME			
	1,629,094	1,504,578	1,277,814
Percent of Gross Cash Income	6.5	5.4	4.9
GROSS CASH INCOME FROM FARMING 1/			
	25,152,058	27,641,705	25,894,056

1/ Includes value of home consumption, value of inventory adjustments, machine hire and custom work, forest products sold, rental value of farm dwelling, government payments, and other miscellaneous farm income.

Source: USDA Economic Research Service

Farm Income Indicators, 1994-98

Item	1994	1995	1996	1997	1998
	<i>\$/,000</i>				
Final Crop Output	16,334,146	17,098,712	17,792,511	19,800,892	17,403,988
Food grains	551,142	410,996	479,682	480,813	441,333
Feed crops	741,438	637,079	740,927	907,918	707,729
Cotton	1,219,967	1,323,382	947,215	1,159,103	930,341
Oil crops	63,052	56,207	61,568	61,013	51,607
Tobacco	0	0	0	0	0
Fruits and tree nuts	5,716,934	5,984,840	6,583,759	7,716,122	6,518,661
Vegetables	5,550,093	6,076,859	5,734,846	6,318,747	6,016,560
All other crops	2,560,537	2,682,759	2,849,856	3,183,752	3,104,940
Home consumption	5,802	5,870	5,870	5,939	6,075
Value of inventory adjustment ^{1/}	(74,819)	(79,280)	388,787	(32,515)	(373,258)
Final Animal Output	5,562,657	5,385,172	6,129,065	6,521,939	6,934,786
Meat animals	1,468,824	1,262,481	1,158,997	1,383,972	1,284,314
Dairy products	3,016,105	3,080,084	3,714,624	3,629,762	4,290,392
Poultry and eggs	874,611	932,903	1,091,775	1,071,104	1,045,908
Miscellaneous livestock	118,925	142,079	159,715	224,821	224,457
Home consumption	13,820	12,723	11,067	12,803	11,806
Value of inventory adjustment ^{1/}	70,372	(45,098)	(7,113)	199,477	77,909
Services and Forestry	1,062,870	1,131,451	1,230,482	1,318,874	1,515,322
Machine hire and custom work	185,953	176,458	200,982	247,435	223,232
Forest products sold	12,011	9,320	4,203	5,827	5,000
Other farm income	206,915	290,146	343,417	372,978	545,122
Gross imputed rental value of farm dwellings	657,991	655,528	681,881	692,634	741,968
FINAL AGRICULTURAL SECTOR OUTPUT ^{2/}	22,959,673	23,615,335	25,152,058	27,641,705	25,854,096
less: Intermediate Consumption Outlays	11,034,858	12,266,037	12,331,239	13,807,355	13,017,140
Farm Origin	2,919,554	3,239,225	3,235,070	3,611,210	3,474,225
Feed purchased	1,947,480	2,183,537	2,120,002	2,441,705	2,248,107
Livestock and poultry purchased	556,284	553,128	535,753	521,480	522,872
Seed purchased	415,790	502,560	579,315	648,025	703,246
Manufactured Inputs	2,337,178	2,626,067	2,958,883	3,061,000	2,799,952
Fertilizers and lime	665,739	773,345	803,525	906,165	785,456
Pesticides	790,202	899,558	991,914	1,109,170	1,075,788
Petroleum fuel and oils	373,144	385,587	470,037	491,464	425,646
Electricity	508,093	567,577	693,407	554,201	513,062
Other Intermediate Expenses	5,778,126	6,400,745	6,137,286	7,135,145	6,742,963
Repair and maintenance of capital items	661,809	723,782	798,282	871,534	767,064
Machine hire and custom work	876,541	804,549	837,396	983,810	1,272,885
Marketing, storage, & transportation expenses	1,546,930	1,634,661	1,442,159	1,605,538	1,321,658
Contract labor	911,066	975,178	946,820	1,306,585	1,076,462
Miscellaneous expenses	1,781,780	2,262,575	2,112,629	2,367,678	2,304,894
plus: Net Government Transactions	(263,687)	(341,068)	(280,891)	(382,222)	(268,587)
+ Direct Government payments	272,678	237,670	300,807	220,475	352,710
- Motor vehicle registration and licensing fees	42,584	52,739	44,728	47,947	47,935
- Property taxes	493,781	526,000	536,970	554,750	573,362
Gross Value Added	11,661,128	11,008,230	12,539,927	13,452,128	12,568,369
less: Capital Consumption	938,897	962,003	984,814	1,010,295	1,015,917
Net Value Added	10,722,231	10,046,227	11,555,113	12,441,833	11,552,452
less: Factor Payments	4,735,607	5,174,569	5,707,836	6,004,430	6,186,410
Employee compensation (total hired labor)	3,072,089	3,512,883	3,929,266	4,114,775	4,257,178
Net rent received by non-operator landlords	571,729	483,473	565,211	640,054	603,742
Real estate and non-real estate interest	1,091,789	1,178,213	1,213,359	1,249,601	1,325,490
NET FARM INCOME	5,986,624	4,871,657	5,847,276	6,437,403	5,366,042

^{1/} A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales.

^{2/} Final sector output is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of- production. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

Source: USDA Economic Research Service

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1998

Commodity	U.S. Rank	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value 2/	California Rank		Harvest Season	Leading Counties 3/
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	1997	1998		
	Number								
VEGETABLES -- TOTAL VALUE -- \$5,886,189,000									
Artichokes	1	99	10.7	45.5	62,899	46	49	Continuous	Monterey, Riverside, San Mateo, Orange
Asparagus	1	45	32.2	45.1	126,024	39	33	Feb. 15-June 30	San Joaquin, Imperial, Monterey, Fresno, Santa Barbara
Beans, Snap	3	9	4.7	22.4	28,116	61	58	Apr. 20-Dec. 15	Tulare, Orange, Riverside, San Luis Obispo
Broccoli	1	92	121.0	847.0	502,875	14	14	Continuous	Monterey, Santa Barbara, Imperial, San Luis Obispo
Brussels Sprouts 4/	1	96	3.2	25.6	22,249	64	65	Aug. 1-Mar. 15	Santa Cruz, San Mateo,
Cabbage	1	20	14.0	245.0	78,890	47	44	Continuous	Monterey, Ventura, San Luis Obispo, Imperial, Santa Barbara
Carrots	1	80	91.0	1,633.4	352,648	15	15	Continuous	Kern, Imperial, Riverside, Monterey
Cauliflower	1	87	40.0	300.0	196,696	27	24	Continuous	Monterey, Santa Barbara, Imperial
Celery	1	93	24.5	857.5	207,515	22	23	Continuous	Ventura, Monterey, Santa Barbara, San Luis Obispo
Corn, Fresh Market Sweet	2	17	28.8	208.8	65,981	49	48	May 1-Dec. 10	Fresno, Imperial, Riverside, Contra Costa, San Joaquin
Cucumbers, Fresh Market	3	16	6.3	94.5	56,322	55	51	Mar. 20-Nov. 30	San Diego, San Joaquin, Orange, Ventura, Tulare
Cucumbers, Processing	5	5	4.2	30.0	9,730	69	69	July 1-Sept. 30	San Diego, San Joaquin, Orange, Ventura, Tulare
Garlic 4/	1	84	34.0	246.5	171,621	20	27	Apr. 1-Sept. 15	Fresno, Kern, Monterey
Lettuce, Head	1	68	142.0	2,236.5	657,531	---	---	Continuous	Monterey, Fresno, Imperial, Santa Barbara
Lettuce, Leaf	1	81	42.0	451.5	278,124	---	---	Continuous	Monterey, Imperial, Riverside, Ventura
Lettuce, Romaine	1	70	29.0	406.0	178,640	---	---	Continuous	Monterey, Riverside, Ventura
Lettuce, All	1	70	213.0	3,094.0	1,114,295	4	5	---	Monterey, Imperial, Fresno, Santa Barbara, San Luis Obispo
Melons, Cantaloupe	1	61	63.0	693.0	249,480	24	19	May 15-Nov. 30	Fresno, Imperial, Merced, Riverside, Kern
Melons, Honeydew	1	76	20.5	194.8	75,174	48	45	June 1-Nov. 30	Fresno, Sutter, Riverside, Imperial, Yolo
Melons, Watermelon	2	18	16.9	338.0	83,148	41	42	May 25-Oct. 15	Imperial, Riverside, Kern, Fresno, San Joaquin
Mushrooms, Agaricus	2	17	0.6	66.9	158,529	34	30	Continuous	Monterey, Santa Clara, San Mateo, San Diego
Onions	1	25	36.8	809.6	170,902	29	28	Apr. 1-Oct. 31	Imperial, Fresno, Kern, San Joaquin
Peppers, Bell	1	44	22.0	313.5	170,374	35	29	July 1-Dec. 10	Riverside, Kern, San Benito, San Joaquin, Ventura
Spinach, Fresh Market	1	80	15.0	12.0	86,640	43	40	Continuous	Monterey, Ventura, San Benito, Riverside, Santa Barbara
Tomatoes, Fresh Market	2	28	32.0	432.0	283,392	---	---	May 15-Dec. 31	Fresno, San Joaquin, Merced, San Diego
Tomatoes, Processing	1	95	280.0	8,892.8	556,689	---	---	June 20-Nov. 10	Fresno, Yolo, San Joaquin, Stanislaus, Colusa
Tomatoes, All	1	85	312.0	9,324.8	840,081	9	6	---	Fresno, San Joaquin, Yolo, Merced, Stanislaus
Other Vegetables & Melons, Etc.	---	---	170.0	---	1,056,000	---	---	---	---
FRUITS AND NUTS -- TOTAL VALUE -- \$6,498,443,000									
Almonds (Shelled)	1	100	460.0	260.0	698,600	6	10	Aug. 1-Oct. 31	Stanislaus, Kern, Fresno, Merced, Madera
Apples	4	8	37.0	407.5	122,545	32	34	July 15-Oct. 30	San Joaquin, Kern, Fresno, Santa Cruz, Madera
Apricots	1	96	20.0	113.0	31,895	59	56	May 1-July 15	Stanislaus, San Joaquin, Fresno, Tulare, Merced
Avocados	1	84	59.9	154.0	263,473	21	18	Continuous	San Diego, Ventura, Riverside, Santa Barbara
Berries, Boysenberries	2	22	0.3	0.9	1,386	73	73	June 1-July 15	---
Berries, Raspberries	3	16	1.7	7.4	28,470	65	57	June 1-Oct. 31	Santa Cruz, Monterey
Berries, F.M. Strawberries	1	81	---	469.3	644,818	---	---	---	---
Berries, Proc. Strawberries	1	89	---	232.5	138,105	---	---	---	---
Berries, All Strawberries	1	83	24.2	701.8	782,923	11	8	Feb. 20-Nov. 15	Monterey, Ventura, Santa Cruz, Orange, Santa Barbara
Cherries, Sweet	4	7	17.5	15.4	23,978	51	63	May 20-June 25	San Joaquin, Tulare, Santa Clara, Stanislaus
Dates 4/	1	99	4.9	22.2	25,086	62	61	Oct. 1-Dec. 15	Riverside, Imperial
Figs 4/	1	99	16.3	50.7	12,579	67	68	June 10-Sept. 15	Madera, Merced, Fresno
Grapefruit, All	2	12	16.6	268.0	67,330	56	47	Continuous	Riverside, San Diego, Kern, Tulare, Imperial
Grapes, Raisin Type	---	---	275.0	2,158.0	590,538	---	---	May 15-Nov. 15	---
Grapes, Table Type	---	---	83.0	645.0	320,847	---	---	May 25-Dec. 15	---
Grapes, Wine Type	---	---	385.0	2,570.0	1,491,908	---	---	Aug. 5-Dec. 15	---
Grapes, All	1	91	743.0	5,373.0	2,403,293	2	2	---	Fresno, Kern, Tulare, San Joaquin, Sonoma
Kiwifruit 4/	1	99	5.3	36.6	24,544	66	62	Oct. 1-May 31	Tulare, Butte, Fresno, Yuba, Kings
Lemons	1	89	48.7	798.0	216,659	19	22	Continuous	Ventura, Kern, Riverside, Tulare, San Diego
Nectarines 4/	1	94	35.5	230.0	108,502	38	36	June 10-Sept. 5	Fresno, Tulare, Kern, Kings
Olives	1	100	35.3	90.0	41,331	50	55	Sept. 25-Mar. 15	Tulare, Tehama, Glenn, Madera, Fresno
Oranges, Navel & Misc.	---	24	127.0	1,650.0	388,870	---	---	Nov. 25-May 15	---
Oranges, Valencia	---	22	73.2	937.5	225,740	---	---	May 15-Oct. 15	---
Oranges, All	2	23	200.2	2,587.5	614,610	12	11	---	Tulare, Kern, Fresno, Ventura, San Diego
Peaches, Clingstone	---	100	30.4	522.5	113,377	---	---	July 15-Sept. 15	---

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1998

Commodity	U.S. Rank <u>1/</u>	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value <u>2/</u>	California Rank		Harvest Season	Leading Counties <u>3/</u>
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	1997	1998		
						Number			
Peaches, Freestone	---	51	36.1	355.0	113,146	---	---	May 10-Sept. 15	---
Peaches, All	1	72	66.5	877.5	226,523	23	21	---	Fresno, Tulare, Stanislaus, Sutter, Merced
Pears, All	2	32	19.3	307.0	81,201	42	43	Aug. 5-Oct. 5	Sacramento, Lake, Mendocino, Fresno, Tulare
Pecans	9	1	2.6	0.9	2,822	71	72	Sept. 1-Nov. 30	Tulare
Pistachios <u>4/</u>	1	98	65.9	94.0	193,640	25	25	Sept. 15-Dec. 10	Kern, Madera, Kings, Tulare, Fresno
Plums	1	88	42.0	187.0	98,845	45	38	May 25-Aug. 20	Fresno, Tulare, Kern, Madera, Kings
Prunes, Dried Basis	1	100	83.0	108.0	86,108	31	41	Aug. 15-Oct. 10	Sutter, Tulare, Butte, Tehama, Yuba
Tangerines, Mandarins, Tangelos, & Tangors	2	29	8.8	90.0	27,530	58	59	Nov. 1-Apr. 30	Kern, San Diego, Tulare, Riverside
Walnuts <u>4/</u>	1	99	193.0	227.0	229,270	16	20	Sept. 5-Nov. 10	San Joaquin, Stanislaus, Tulare, Butte, Sutter
Other Fruits and Nuts	---	---	6.6	600.0	85,300	---	---	---	---
FIELD AND SEED CROPS -- TOTAL VALUE -- \$2,987,428,000									
Barley	8	2	125.0	180.0	16,875	60	66	May 15-Oct. 1	Tulare, Siskiyou, Modoc, Fresno, Solano
Beans, Dry	7	7	105.0	102.4	67,789	40	46	Aug. 20-Nov. 15	Stanislaus, Fresno, San Joaquin, Ventura, Tulare
Corn for Grain	22	1	260.0	1,164.8	106,080	36	37	Sept. 1-Dec. 1	San Joaquin, Tulare, Sacramento, Solano, Yolo
Cotton Lint, All	3	11	800.0	359.7	578,604	7	12	Oct. 1-Jan. 1	Fresno, Kern, Kings, Merced, Tulare
Cottonseed	4	10	---	544.0	96,288	30	39	---	Fresno, Kern, Kings, Merced, Tulare
Hay, Alfalfa & Other	2	5	1,570.0	8,115.0	801,690	8	7	Mar. 1-Nov. 5	Imperial, Kern, Tulare, Merced, Fresno
Oats	16	1	30.0	36.0	3,150	70	70	June 15-Oct. 1	Siskiyou, Merced, Solano, Sonoma, San Mateo
Potatoes (Excl. Sweet)	10	3	41.9	680.6	152,760	28	31	Continuous	Kern, Siskiyou, San Joaquin, Riverside, Imperial
Potatoes, Sweet	3	16	9.7	106.7	55,057	53	52	July 15-Nov. 15	Merced, Stanislaus
Rice <u>5/ 6/</u>	2	17	478.0	1,634.9	266,489	18	17	Sept. 1-Nov. 30	Colusa, Sutter, Butte, Glenn, Yuba
Sugar Beets <u>5/ 6/</u>	4	9	100.0	2,830.0	117,740	37	35	Apr. 1-Dec. 10	Imperial, Fresno, Merced, Solano, San Joaquin
Wheat, All	17	2	555.0	1,156.5	150,300	33	32	May 20-Sept. 1	Imperial, Kern, Fresno, Kings, Tulare
Oil Crops <u>7/</u>	---	---	---	---	51,607	52	54	---	---
Other Field Crops	---	---	---	---	522,999	---	---	---	---
NURSERY AND FLOWER CROPS -- TOTAL VALUE -- \$2,525,441,600									
Nursery Products <u>4/ 6/ 8/</u>	2	17	---	---	1,756,901	3	3	Continuous	San Diego, Los Angeles, Orange, Ventura, Monterey
Flowers & Foliage <u>9/</u>	2	17	---	---	768,541	10	9	Continuous	San Diego, Santa Barbara, San Mateo, San Luis Obispo, Monterey

1/ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.

2/ Based on value of quantity harvested for crops, value of quantity marketed for livestock and value of quantity produced for poultry products.

3/ Based on values published in the Annual County Agricultural Commissioners' Reports.

4/ Share of U.S. production based on 1997 Census of Agriculture.

5/ The 1998 price and value are based on the 1997 California average price.

6/ Extracted from Agricultural Commissioners' Annual Crop Reports.

7/ Includes Sunflower, Safflower, and Canola.

8/ Includes trees, shrubs, vines, bulbs, turf, etc., not included in flowers and foliage category.

9/ Includes cut flowers, potted plants, foliage plants, bedding plants and indoor decoratives.

Commodity Ranking, Value, and Leading Producing Counties, 1998

Commodity	U.S. Rank ^{1/}	CA Share of U.S. Prod.	Marketings	Cash Receipts ^{2/}	California Rank		Leading Counties ^{3/}
	Number	Percent	1,000 Pounds	\$1,000	1997	1998	
	Number						
LIVESTOCK, DAIRY, POULTRY, AND APIARY -- TOTAL VALUE -- \$6,845,071,000							
Aquaculture	---	---	---	14,220	68	67	Riverside, Imperial, Sacramento
Cattle and Calves	6	5	2,497,400	1,205,087	5	4	Tulare, Imperial, Fresno, Kern, San Bernardino
Chickens, All	---	---	---	507,556	13	13	Fresno, Merced, Stanislaus, Madera
Broilers & Fryers	---	4	---	505,920	---	---	---
Other	---	2	---	1,636	---	---	---
Hogs & Pigs ^{4/}	28	---	78,865	27,133	57	60	Tulare, Fresno, Merced, Stanislaus
Honey	1	17	37,350	23,157	63	64	Kern, Merced, San Joaquin, Stanislaus
Horses & Mules ^{5/}	7	3	17	60,000	54	50	Riverside, San Diego, Los Angeles, Santa Barbara
Milk & Cream	1	18	27,584,000	4,290,392	1	1	Tulare, Merced, San Bernardino, Stanislaus, Riverside
Sheep & Lambs	3	10	73,493	52,094	44	53	Kern, Solano, Imperial, Fresno, Yolo
Turkeys	6	6	442,700	181,507	26	26	Fresno, Kings, Stanislaus, Merced, Tulare
Wool	3	7	3,600	2,196	72	71	---
			<i>Millions of Eggs</i>				
Eggs, Chicken	2	8	6,608	308,924	17	16	Riverside, Stanislaus, San Diego, Merced, San Bernardino
Other Livestock & Poultry	---	---	---	172,805	---	---	---

^{1/} Based on quantity produced for crops and on quantity marketed for livestock and poultry products.

^{2/} Based on value of quantity harvested for crops, value of quantity marketed for livestock and value of quantity produced for poultry products.

^{3/} Based on values published in the Annual County Agricultural Commissioners' Reports.

^{4/} California Share of U.S. Production is less than one-half percent.

^{5/} Leading Counties extracted from the 1997 Census of Agriculture.

California's Farm Numbers and Size, 1950-98

Year ^{1/}	Number of Farms	Land in Farms	Average Size of Farm
		1,000 Acres	Acres
1950	144,000	37,500	260
1955	124,000	39,000	316
1960	108,000	38,800	359
1965	82,000	37,800	461
1970	64,000	36,600	572
1975	73,000	34,300	470
1980	81,000	33,800	417
1985	79,000	32,900	416
1986	79,000	32,800	415
1987	83,000	31,900	384
1988	84,000	31,600	376
1989	84,000	31,300	373
1990	85,000	30,800	362
1991	83,000	30,500	367
1992	82,000	30,200	368
1993	85,000	29,900	352
1994	85,000	29,600	348
1995	86,000	29,300	341
1996	86,000	29,000	297
1997	87,000	28,700	330
1998	89,000	28,300	318

^{1/} Until 1950 the definition of a farm was: Places of 10 or more acres that had annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more. Starting in 1975 the new definition of a farm is: Places with annual sales of agricultural products of \$1,000 or more.

California Counties by Total Value of Production, 1998 ^{1/}

Rank		County	Total Value	Leading Crops
1997	1998		\$1,000	
1	1	Fresno	3,286,806	Grapes, Poultry, Cotton, Tomatoes, Milk
2	2	Tulare	2,922,057	Milk, Navel & Valencia Oranges, Grapes, Cattle & Calves, Alfalfa Hay & Silage
3	3	Monterey	2,295,285	Head Lettuce, Broccoli, Leaf Lettuce, Strawberries, Grapes
4	4	Kern	2,067,678	Grapes, All Citrus, Almonds & By-Products, Cotton & Processed Cottonseed, All Milk
5	5	Merced	1,449,754	Milk, Chickens, Almonds, Tomatoes, Alfalfa
6	6	San Joaquin	1,311,088	All Grapes, All Milk, All Tomatoes, Almond Meats, Asparagus
7	7	Stanislaus	1,302,714	All Milk, Almonds, All Chickens, Chicken Eggs, Cattle & Calves
9	8	Riverside	1,199,507	Milk, Table Grapes, Nursery, Eggs, Dates
8	9	San Diego	1,178,391	Indoor Decoratives, Color Bedding Plants, & Turf, Avocados, Trees & Ornamental Shrubs, Eggs
10	10	Imperial	1,083,232	Cattle, Alfalfa, Lettuce, Carrots,
11	11	Ventura	937,064	Lemons, Strawberries, Nursery Stock, Celery, Avocados
12	12	Kings	816,591	Milk, Cotton, Cattle & Calves, Turkeys, Alfalfa Hay
14	13	San Bernardino	703,577	Milk, Cattle & Calves, Eggs, Nursery Products, All Alfalfa
13	14	Madera	634,307	Grapes, Milk, Almonds, Pistachios, Alfalfa Hay
15	15	Santa Barbara	611,859	Broccoli, Strawberries, Wine Grapes, Head Lettuce, Cauliflower
16	16	Sonoma	453,535	Wine Grapes, Market Milk, Livestock/Poultry/Aquaculture, Vegetables, Livestock & Poultry Products
17	17	San Luis Obispo	358,821	Wine Grapes, All Broccoli, Head Lettuce, Cattle & Calves, Vegetable Transplants
19	18	Colusa	293,633	Rice, Processing Tomatoes, Almond Meats, Cucumber Seed, English Walnuts
23	19	Orange	291,849	Nursery Stock & Cut Flowers, Strawberries, Tomatoes, Green Beans, Avocados
18	20	Yolo	277,186	Processing Tomatoes, Wine Grapes, Alfalfa Hay, Seed Crops, Rice
27	21	Sacramento	275,584	Wine Grapes, Milk, Bartlett Pears, Ornamental Nursery Stock, Field Corn
22	22	Sutter	268,323	Rice, Peaches, Tomatoes, Walnuts, Prunes
26	23	Los Angeles	265,298	Trees & Ornamental Shrubs, Bedding Plants, Dry Onions, Root Vegetables, Peaches
21	24	Santa Cruz	221,827	Strawberries, Raspberries, Iceberg Lettuce, Landscape Plants, Cut Hybrid Tea Roses
24	25	Glenn	219,036	Paddy Rice, Dairy Products, Almonds, Cattle & Calves, Corn
20	26	Butte	213,315	Rice, Almonds, Walnuts, Prunes, Clingstone Peaches
25	27	Napa	202,121	Grapes, Floral & Nursery Products, Cattle & Calves, Pasture & Range, Sheep & Lambs
29	28	Solano	185,179	Processing Tomatoes, Nursery Stock, Alfalfa Hay, Cattle & Calves, Wine Grapes
28	29	San Mateo	184,122	Ornamental Nursery Stock, Potted Foliage Plants, Mushrooms, Snapdragons, Potted Lilies
30	30	San Benito	160,597	Nursery Stock, Head Lettuce, Bell Peppers, Salad Lettuce, Wine Grapes
31	31	Santa Clara	159,769	Mushrooms, Nursery Crops, Cut Flowers, Wine Grapes, Leaf Lettuce
32	32	Mendocino	127,674	Wine Grapes, Bartlett Pears, Cattle & Calves, Milk, Pasture
35	33	Siskiyou	118,858	Alfalfa Hay, Cattle & Calves, Potatoes & Potato Seed, Nursery Products, Pasture & Range
33	34	Yuba	108,220	Rice, Peaches, Walnuts, Cattle & Calves, Prunes
34	35	Tehama	89,901	Cattle & Calves, Walnuts, Milk, Prunes, Almonds
36	36	Contra Costa	87,253	Bedding Plants, All Milk, Grapes, All Apples, Sweet Corn
37	37	Humboldt	82,636	Milk, Cattle & Calves, Pasture & Range, All Hay, Silage
39	38	Modoc	56,502	Alfalfa Hay, Cattle & Calves, Potatoes, Pasture & Range, Other Hay
38	39	Marin	56,167	Milk, Cattle & Calves, Pasture & Range, Aquaculture Products, Silage
40	40	Shasta	48,259	Cattle & Calves, Strawberry Plants, Pasture & Range, Other Hay, Alfalfa Hay
42	41	Placer	45,831	Rice, Nursery, Cattle & Calves, Pasture & Range, Walnuts
41	42	Lassen	42,588	All Hay, All Livestock, Strawberry Plants, Pasture, Field Crops & Misc. Nursery
43	43	Lake	41,640	Pears, Wine Grapes, Walnuts, Cattle, Sheep
44	44	Alameda	33,755	Trees & Ornamental Shrubs, Bedding Plants, Wine Grapes, Cattle & Calves, Pasture & Range
45	45	Del Norte	30,222	Nursery Products, Milk, Cattle & Calves, Pasture & Range, Other Hay
46	46	El Dorado	18,724	Apples, Wine Grapes, Pasture & Range, Nursery Products, Christmas Trees
47	47	Mariposa	18,303	Cattle & Calves, Range, Misc. Livestock & Poultry Products, All Poultry, Misc. Fruits & Nuts
48	48	Mono	17,422	Cattle & Calves, Alfalfa Hay, Carrots, Sheep & Lambs, Pasture & Range
50	49	Calaveras	16,046	Cattle & Calves, Poultry, Livestock & Poultry Products, Wine Grapes, Apiary Products
51	50	Plumas	15,400	Cattle & Calves, Pasture & Range, Other Hay, Alfalfa Hay
49	51	Amador	15,104	Grapes, Cattle & Calves, Pasture & Range, Grain Hay, Alfalfa Hay
52	52	Tuolumne	13,986	Cattle & Calves, Pasture & Range, Hay, Cord & Fuel Wood, Sheep & Lambs
53	53	Inyo	12,017	Cattle & Calves, Turf, Alfalfa Hay, Pasture & Range, Misc. Hay
54	54	Nevada	6,020	Pasture & Range, Cattle & Calves, Wine Grapes, Nursery Stock, Fruits & Vegetables
55	55	Sierra	5,534	Cattle & Calves, Pasture & Range, Other Hay, Alfalfa Hay
56	56	San Francisco	1,968	Nursery Products
57	57	Trinity	1,697	Cattle & Calves, Pasture & Range, Wine Grapes, Alfalfa Hay, Other Hay
58	58	Alpine	---	---

^{1/} Leading Crops were extracted from County Agricultural Commissioners' Reports, except Alpine County had no report. Timber was omitted in rankings.

Seasonal Rainfall with Comparisons to Normal, 1997-99

Stations	1997-98		1998-99		Normal Annual Rainfall
	Precipitation July 1 to June 30	Percent of Normal	Precipitation July 1 to June 27	Percent of Normal	
	<i>Inches</i>		<i>Inches</i>		<i>Inches</i>
NORTH COAST					
Eureka	57.51	153	50.09	134	37.49
Ukiah	53.09	140	5.69	15	38.00
Santa Rosa	53.97	178	32.51	109	29.92
CENTRAL COAST					
San Francisco Airport	40.03	203	17.74	90	19.78
San Jose	28.75	199	12.77	90	14.19
Livermore Tele	25.52	180	8.55	61	14.08
Salinas Airport	34.37	276	12.64	104	12.21
Monterey FAA	47.15	252	17.15	118	14.57
King City	25.80	226	7.90	71	11.12
Paso Robles Airport	23.56	169	7.38	58	12.70
SACRAMENTO VALLEY					
Redding	64.97	195	30.59	108	28.36
Red Bluff FSS	41.18	235	20.80	92	22.49
Chico AFS	49.95	190	8.59	34	25.55
Marysville	37.61	179	14.80	70	21.05
Sacramento Airport	32.95	188	13.77	78	17.59
SAN JOAQUIN VALLEY					
Stockton WSO	26.91	193	11.56	83	13.96
Fresno	19.87	187	7.11	67	10.64
Bakersfield	14.10	246	7.00	122	5.72
SOUTH COAST					
Santa Maria Airport	32.21	261	14.58	117	12.47
Santa Barbara	43.45	267	5.05	32	15.56
Oxnard	34.66	241	9.03	64	14.20
Los Angeles	Missing	---	5.08	34	14.73
Riverside	21.21	221	4.88	49	9.97
San Diego Airport	17.59	178	7.09	72	9.91
SOUTHEASTERN INTERIOR					
Bishop	8.13	151	2.07	39	5.35
Lancaster	Missing	---	4.34	60	7.26
Daggett Airport	6.77	172	3.11	79	3.94
Thermal Airport	4.38	139	1.01	32	3.21
Blythe	4.86	135	2.93	81	3.63
Imperial	4.62	168	2.34	85	2.75
CASCADE-SIERRA					
Alturas	16.65	139	14.25	118	12.10
Mt. Shasta	Missing	---	39.08	108	36.17
Blue Canyon	100.85	150	72.57	107	67.80
Yosemite Valley	53.66	149	29.89	80	37.35

Source: Western Regional Climate Center, Reno, Nevada

CALIFORNIA FIELD CROPS

Summary of Field Crops

California's 1998 field crop production was worth \$2.99 billion at the farm-gate level. This value was 21% below the previous year.

In 1998, all field crops recorded lower returns from the previous year with the exception of Durum wheat, which showed a 40% increase in value. Barley acreage declined 17%, production was down 12%, and the value was down 28%. Dry edible bean returns were down 23%, while the harvested acreage was off 21%, and production was down 32%. Corn returns were down 23% due mostly to lower corn prices. Upland cotton returns dropped 47%. A 29% drop in harvested acreage, with lower yields and prices, attributed to the lower value. Fewer acres of harvested rice and lower yields resulted in a 23% decline in production with a 21% reduction in value.

Winter wheat farm returns were down 34% from the previous year, while Durum wheat returns were up 40%. Winter wheat acreage showed a 5% decline, while Durum acreage was up 22%.

The average value per harvested acre in 1998 decreased to \$584 from the \$715 per acre value in 1997. Production of the major field crops totaled 28.8 million tons, down 3% from the 29.6 million tons produced in 1997.

Hay was the State's highest valued field crop with a total of \$802 million. Nationally, California ranked second in all hay production with 8.12 million tons produced at an average price of \$101 per ton.

Upland cotton was California's second leading field crop with a total value of \$409 million. At the U.S. level, the State ranked fifth in production with a total of 1.15 million bales produced.

Field Crop Acreage, Production and Value, 1989-98

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Alfalfa Seed <u>1/</u> <u>2/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	---	67,000	489	32,755,000	130.00	42,582
	1990	---	71,000	494	35,065,000	144.00	50,494
	1991	---	68,000	603	41,012,000	123.00	50,445
	1992	---	46,000	664	30,548,000	112.00	34,214
	1993	---	---	---	---	---	---
	1994	---	---	---	---	---	---
	1995	---	---	---	---	---	---
	1996	---	---	---	---	---	---
	1997	---	---	---	---	---	---
	1998	---	---	---	---	---	---
Barley		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	320,000	250,000	1.39	348,000	110.83	38,570
	1990	300,000	230,000	1.39	320,200	109.17	34,951
	1991	240,000	160,000	1.42	226,600	105.82	23,978
	1992	230,000	190,000	1.49	282,700	107.09	30,275
	1993	250,000	200,000	1.56	312,000	105.00	32,760
	1994	290,000	220,000	1.56	343,200	111.25	38,181
	1995	260,000	200,000	1.68	336,000	136.67	45,920
	1996	250,000	190,000	1.44	273,600	153.75	42,066
	1997	230,000	150,000	1.37	205,200	114.58	23,513
	1998	170,000	125,000	1.44	180,000	93.75	16,875
Beans, Blackeye Dry <u>1/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	40,000	39,000	2,040	797,000	---	---
	1990	49,000	46,000	1,970	906,000	---	---
	1991	42,000	41,000	2,250	923,000	---	---
	1992	23,000	22,000	2,320	510,000	---	---
	1993	24,000	23,000	2,380	548,000	---	---
	1994	32,000	30,000	2,570	771,000	---	---
	1995	44,500	43,500	2,230	970,000	---	---
	1996	24,000	23,000	2,220	511,000	---	---
	1997	30,000	29,000	2,400	695,000	---	---
	1998	33,000	31,000	2,180	677,000	---	---
Beans, Garbanzo Dry <u>1/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	---	---
	1990	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	---	---
	1991	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	---	---
	1992	15,000	15,000	1,260	189,000	---	---
	1993	17,500	16,500	1,350	222,000	---	---
	1994	14,000	14,000	1,870	262,000	---	---
	1995	19,000	17,000	1,690	288,000	---	---
	1996	25,000	23,000	1,530	352,000	---	---
	1997	9,000	9,000	1,670	150,000	---	---
	1998	5,000	5,000	1,700	85,000	---	---
Beans, Dark Red Kidney Dry <u>1/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	10,000	10,000	1,740	177,000	---	---
	1990	15,000	14,000	1,800	252,000	---	---
	1991	10,000	10,000	1,670	167,000	---	---
	1992	7,500	7,500	1,640	123,000	---	---
	1993	7,000	7,000	1,730	121,000	---	---
	1994	7,000	7,000	1,790	125,000	---	---
	1995	4,500	4,500	1,600	72,000	---	---
	1996	5,000	5,000	1,640	82,000	---	---
	1997	5,000	5,000	1,800	90,000	---	---
	1998	5,500	5,500	1,090	60,000	---	---

Field Crop Acreage, Production and Value, 1989-98

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Beans, Light Red Kidney Dry <u>1/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	38,000	37,000	1,540	571,000	---	---
	1990	33,000	31,000	1,620	502,000	---	---
	1991	14,000	14,000	1,640	230,000	---	---
	1992	20,000	19,000	1,820	346,000	---	---
	1993	20,000	19,000	2,120	402,000	---	---
	1994	14,000	13,500	1,950	263,000	---	---
	1995	13,000	12,000	1,740	209,000	---	---
	1996	10,000	10,000	1,870	187,000	---	---
	1997	10,000	10,000	1,980	198,000	---	---
	1998	9,500	8,500	1,600	136,000	---	---
Beans, Baby Lima Dry <u>1/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	36,000	35,000	2,080	728,000	---	---
	1990	25,000	25,000	2,280	570,000	---	---
	1991	40,000	39,000	2,500	975,000	---	---
	1992	21,000	20,000	2,490	498,000	---	---
	1993	14,000	14,000	2,510	351,000	---	---
	1994	26,000	24,500	2,490	609,000	---	---
	1995	23,000	22,000	2,320	510,000	---	---
	1996	24,000	23,000	2,250	517,000	---	---
	1997	37,000	36,000	2,510	902,000	---	---
	1998	13,000	12,000	2,580	310,000	---	---
Beans, Large Lima Dry <u>1/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	33,000	32,000	1,930	618,000	---	---
	1990	24,000	23,000	2,000	460,000	---	---
	1991	31,000	30,000	2,270	681,000	---	---
	1992	26,000	25,000	2,460	615,000	---	---
	1993	15,000	15,000	2,330	350,000	---	---
	1994	24,000	23,500	1,830	429,000	---	---
	1995	21,000	20,000	2,080	415,000	---	---
	1996	21,000	20,000	1,970	394,000	---	---
	1997	30,000	29,000	2,480	718,000	---	---
	1998	26,000	25,000	1,920	480,000	---	---
Beans, Pink Dry <u>1/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	16,000	16,000	1,610	258,000	---	---
	1990	17,000	17,000	1,260	214,000	---	---
	1991	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	---	---
	1992	4,500	4,500	1,930	87,000	---	---
	1993	4,500	4,500	2,000	90,000	---	---
	1994	7,000	7,000	2,160	151,000	---	---
	1995	7,000	6,000	1,630	98,000	---	---
	1996	8,000	8,000	1,560	125,000	---	---
	1997	4,000	4,000	1,550	62,000	---	---
	1998	5,500	5,500	1,270	70,000	---	---
Beans, Other Dry <u>1/</u> <u>4/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>		
	1989	12,000	11,000	1,890	208,000	---	---
	1990	12,000	10,000	1,540	154,000	---	---
	1991	16,000	16,000	1,620	259,000	---	---
	1992	4,000	4,000	1,930	77,000	---	---
	1993	7,000	7,000	1,800	126,000	---	---
	1994	12,000	11,500	1,400	161,000	---	---
	1995	13,000	12,000	1,480	178,000	---	---
	1996	11,000	11,000	1,430	157,000	---	---
	1997	10,000	10,000	1,850	185,000	---	---
	1998	12,500	12,500	1,840	230,000	---	---

Field Crop Acreage, Production and Value, 1989-98

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Beans, All Dry Edible <u>4/</u>		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	185,000	180,000	18.65	3,357,000	34.80	116,824
	1990	175,000	166,000	18.42	3,058,000	30.90	94,492
	1991	153,000	150,000	21.57	3,235,000	26.20	84,757
	1992	121,000	117,000	20.90	2,445,000	24.40	59,658
	1993	109,000	106,000	20.85	2,210,000	35.30	78,013
	1994	136,000	131,000	21.20	2,771,000	34.80	96,431
	1995	145,000	137,000	20.00	2,740,000	34.80	95,352
	1996	128,000	123,000	18.90	2,325,000	38.50	89,513
	1997	135,000	132,000	22.70	3,000,000	29.40	88,200
	1998	110,000	105,000	19.50	2,048,000	33.10	67,789
Corn For Grain		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	380,000	185,000	4.48	828,800	107.14	88,800
	1990	375,000	160,000	4.48	716,800	108.21	77,568
	1991	330,000	115,000	4.48	515,200	110.71	57,040
	1992	375,000	150,000	4.62	693,000	101.79	70,538
	1993	400,000	170,000	4.62	785,400	113.93	89,480
	1994	420,000	180,000	4.76	856,800	106.43	91,188
	1995	435,000	150,000	4.48	672,000	141.07	94,800
	1996	500,000	220,000	4.48	985,600	120.36	118,624
	1997	585,000	265,000	4.76	1,261,400	108.93	137,403
	1998	620,000	260,000	4.48	1,164,800	91.07	106,080
Corn For Silage <u>2/</u>		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	---	189,000	24	4,536,000	---	---
	1990	---	210,000	25	5,250,000	---	---
	1991	---	210,000	25	5,250,000	---	---
	1992	---	220,000	25	5,500,000	---	---
	1993	---	225,000	25	5,625,000	---	---
	1994	---	235,000	25	5,875,000	---	---
	1995	---	280,000	25	7,000,000	---	---
	1996	---	275,000	25	6,875,000	---	---
	1997	---	315,000	26	8,190,000	---	---
	1998	---	355,000	25	8,875,000	---	---
Cotton, American-Pima <u>5/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Cents Per Lb.</i>	<i>\$1,000</i>
	1989	18,000	17,900	1,078	40,200	95.6	18,447
	1990	25,700	25,500	1,080	57,400	107.0	29,481
	1991	64,000	64,000	1,097	146,200	96.2	67,509
	1992	110,000	110,000	1,282	293,700	78.7	110,948
	1993	91,000	91,000	1,132	214,600	84.0	86,527
	1994	81,000	80,800	1,098	184,800	102.0	90,478
	1995	115,000	115,000	937	224,500	126.0	135,778
	1996	165,000	164,000	1,098	375,000	107.0	192,600
	1997	185,000	184,000	1,141	437,200	102.0	214,053
	1998	200,000	180,000	941	352,800	100.0	169,344
Cotton, Upland <u>5/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Cents Per Lb.</i>	<i>\$1,000</i>
	1989	1,050,000	1,040,000	1,228	2,661,000	71.8	917,087
	1990	1,100,000	1,090,000	1,204	2,734,000	76.9	1,009,174
	1991	980,000	977,000	1,252	2,548,000	66.6	814,545
	1992	1,000,000	995,000	1,359	2,817,000	60.5	819,409
	1993	1,050,000	1,045,000	1,340	2,918,000	65.7	920,220
	1994	1,100,000	1,095,000	1,191	2,717,000	80.3	1,047,240
	1995	1,170,000	1,165,000	953	2,312,000	82.1	911,113
	1996	1,000,000	995,000	1,153	2,390,000	76.5	877,608
	1997	880,000	875,000	1,202	2,191,000	73.2	769,830
	1998	650,000	620,000	887	1,146,000	74.4	409,260

Field Crop Acreage, Production and Value, 1989-98

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Cotton, All <u>5/</u>		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Cents Per Lb.</i>	<i>\$1,000</i>
	1989	1,068,000	1,057,900	1,226	2,701,200	72.2	935,534
	1990	1,125,700	1,115,500	1,201	2,791,400	77.5	1,038,655
	1991	1,044,000	1,041,000	1,242	2,694,200	68.2	882,054
	1992	1,110,000	1,105,000	1,351	3,110,700	62.3	930,357
	1993	1,141,000	1,136,000	1,324	3,132,600	67.0	1,006,747
	1994	1,181,000	1,175,800	1,185	2,901,800	81.7	1,137,718
	1995	1,285,000	1,280,000	951	2,536,500	86.0	1,046,891
	1996	1,165,000	1,159,000	1,145	2,765,000	80.6	1,070,208
	1997	1,065,000	1,059,000	1,191	2,628,200	78.0	983,883
	1998	850,000	800,000	899	1,498,800	80.4	578,604
Cottonseed <u>2/</u>		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	---	---	---	1,040,000	93.50	97,240
	1990	---	---	---	1,079,000	148.00	159,692
	1991	---	---	---	1,073,000	104.00	111,592
	1992	---	---	---	1,148,000	120.00	137,760
	1993	---	---	---	1,142,000	132.00	150,744
	1994	---	---	---	1,063,000	143.00	152,009
	1995	---	---	---	940,000	132.00	124,080
	1996	---	---	---	1,020,000	176.00	179,520
	1997	---	---	---	942,000	174.00	163,908
	1998	---	---	---	544,000	177.00	96,288
Hay, Alfalfa <u>2/</u>		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	---	1,020,000	6.70	6,834,000	102.00	697,068
	1990	---	1,060,000	6.60	6,996,000	104.00	727,584
	1991	---	1,050,000	6.70	7,035,000	82.00	576,870
	1992	---	960,000	6.70	6,432,000	83.00	533,856
	1993	---	920,000	6.90	6,348,000	105.00	666,540
	1994	---	950,000	7.00	6,650,000	112.00	744,800
	1995	---	940,000	6.90	6,486,000	101.00	655,086
	1996	---	940,000	7.00	6,580,000	110.00	723,800
	1997	---	950,000	7.20	6,840,000	119.00	813,960
	1998	---	1,020,000	6.50	6,630,000	103.00	682,890
Hay, Other <u>2/</u>		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	---	650,000	2.60	1,690,000	78.00	131,820
	1990	---	570,000	2.30	1,311,000	77.00	100,947
	1991	---	630,000	2.50	1,575,000	64.50	101,588
	1992	---	490,000	2.70	1,323,000	50.00	66,150
	1993	---	460,000	2.70	1,242,000	74.00	91,908
	1994	---	520,000	3.00	1,560,000	69.50	108,420
	1995	---	530,000	3.50	1,855,000	67.50	125,213
	1996	---	510,000	2.80	1,428,000	82.00	117,096
	1997	---	560,000	2.80	1,568,000	98.00	153,664
	1998	---	550,000	2.70	1,485,000	80.00	118,800
Hay, All <u>2/ 6/</u>		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	---	1,670,000	5.10	8,524,000	100.00	828,888
	1990	---	1,630,000	5.10	8,307,000	101.00	828,531
	1991	---	1,680,000	5.13	8,610,000	80.50	678,458
	1992	---	1,450,000	5.35	7,755,000	79.50	600,006
	1993	---	1,380,000	5.50	7,590,000	102.00	758,448
	1994	---	1,470,000	5.59	8,210,000	107.00	853,220
	1995	---	1,470,000	5.67	8,341,000	98.50	780,299
	1996	---	1,450,000	5.52	8,008,000	108.00	840,896
	1997	---	1,510,000	5.57	8,408,000	117.00	967,624
	1998	---	1,570,000	5.17	8,115,000	101.00	801,690

Field Crop Acreage, Production and Value, 1989-98

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Oats		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	400,000	45,000	1.20	54,000	103.75	5,603
	1990	380,000	45,000	1.20	54,000	101.25	5,468
	1991	380,000	45,000	1.20	54,000	96.26	5,198
	1992	380,000	35,000	1.28	44,800	103.13	4,620
	1993	300,000	30,000	1.28	38,400	115.63	4,440
	1994	310,000	30,000	1.28	38,400	183.13	7,032
	1995	350,000	30,000	1.36	40,800	130.63	5,330
	1996	300,000	30,000	1.20	36,000	138.75	4,995
	1997	350,000	30,000	1.28	38,400	123.75	4,752
	1998	320,000	30,000	1.20	36,000	87.50	3,150
Potatoes, Winter		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	5,500	5,500	240	1,320,000	16.10	21,252
	1990	5,500	5,500	230	1,265,000	24.40	30,866
	1991	5,600	4,600	245	1,127,000	17.10	19,272
	1992	5,300	5,300	260	1,378,000	14.10	19,430
	1993	5,600	5,200	200	1,040,000	20.20	21,008
	1994	4,500	4,500	215	968,000	21.10	20,425
	1995	5,000	5,000	260	1,300,000	18.20	23,660
	1996	5,700	5,700	250	1,425,000	21.10	30,068
	1997	6,600	6,600	235	1,551,000	18.10	28,073
	1998	7,000	7,000	220	1,540,000	22.40	34,496
Potatoes, Spring		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	21,000	21,000	375	7,875,000	11.00	86,625
	1990	22,500	22,500	375	8,438,000	10.50	88,599
	1991	21,800	21,800	380	8,284,000	12.60	104,378
	1992	19,300	19,300	375	7,238,000	9.20	66,590
	1993	19,500	19,500	385	7,508,000	13.00	97,604
	1994	20,500	20,500	380	7,790,000	11.60	90,364
	1995	18,000	17,800	350	6,230,000	13.60	84,728
	1996	20,100	20,100	375	7,538,000	13.00	97,994
	1997	20,700	20,700	390	8,073,000	9.85	79,519
	1998	18,500	18,500	335	6,198,000	10.50	65,079
Potatoes, Summer		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	6,100	6,100	360	2,196,000	18.70	41,065
	1990	5,300	5,300	330	1,749,000	12.30	21,513
	1991	4,800	4,800	325	1,560,000	8.85	14,274
	1992	4,400	4,300	320	1,376,000	16.80	23,117
	1993	4,800	4,800	330	1,584,000	13.30	21,067
	1994	5,700	5,700	370	2,109,000	13.00	27,417
	1995	5,500	5,500	320	1,760,000	17.50	30,800
	1996	5,800	5,800	360	2,088,000	14.60	30,485
	1997	5,900	5,900	360	2,124,000	14.50	30,798
	1998	6,200	6,100	355	2,166,000	12.40	26,858
Potatoes, Fall		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	16,100	16,100	400	6,440,000	8.40	54,096
	1990	17,000	17,000	390	6,630,000	5.70	37,791
	1991	14,000	14,000	385	5,390,000	4.15	22,369
	1992	14,000	14,000	400	5,600,000	7.85	43,960
	1993	12,000	12,000	400	4,800,000	9.35	44,880
	1994	14,000	14,000	400	5,600,000	6.05	33,880
	1995	13,000	13,000	410	5,330,000	9.65	51,435
	1996	11,500	11,500	400	4,600,000	4.80	22,080
	1997	10,500	10,500	400	4,200,000	8.10	34,020
	1998	10,300	10,300	360	3,708,000	7.10	26,327

Field Crop Acreage, Production and Value, 1989-98

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Potatoes, All (Excluding Sweet)		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	48,700	48,700	366	17,831,000	11.40	203,038
	1990	50,300	50,300	359	18,082,000	10.00	178,769
	1991	46,200	45,200	362	16,361,000	9.90	160,293
	1992	43,000	42,900	363	15,592,000	9.85	153,097
	1993	41,900	41,500	360	14,932,000	12.40	184,559
	1994	44,700	44,700	368	16,467,000	10.60	172,086
	1995	41,500	41,300	354	14,620,000	13.10	190,623
	1996	43,100	43,100	363	15,651,000	11.70	180,627
	1997	43,700	43,700	365	15,948,000	10.90	172,410
	1998	42,000	41,900	327	13,612,000	11.30	152,760
Potatoes, Sweet		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	8,300	8,300	175	1,453,000	20.70	30,077
	1990	8,300	8,300	175	1,453,000	16.70	24,265
	1991	8,200	8,200	185	1,517,000	27.10	41,111
	1992	9,000	9,000	205	1,845,000	20.30	37,454
	1993	8,300	8,300	210	1,743,000	24.30	42,355
	1994	8,200	8,200	205	1,681,000	28.70	48,245
	1995	9,600	9,600	200	1,920,000	33.00	63,360
	1996	9,600	9,600	225	2,160,000	26.10	56,376
	1997	9,700	9,700	205	1,989,000	28.00	55,692
	1998	9,700	9,700	220	2,134,000	25.80	55,057
Rice, Long <u>2</u> /		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	30,000	30,000	75.00	2,250,000	---	---
	1990	18,000	18,000	73.00	1,314,000	---	---
	1991	16,000	16,000	73.00	1,168,000	---	---
	1992	15,000	15,000	80.00	1,200,000	---	---
	1993	14,000	14,000	81.80	1,145,000	---	---
	1994	7,000	7,000	81.00	567,000	---	---
	1995	8,000	8,000	75.00	600,000	---	---
	1996	5,000	5,000	72.00	360,000	---	---
	1997	9,000	9,000	77.00	693,000	---	---
	1998	9,000	9,000	59.70	537,000	---	---
Rice, Medium <u>2</u> /		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	335,000	330,000	79.75	26,315,000	---	---
	1990	370,000	365,000	77.30	28,215,000	---	---
	1991	326,000	325,000	81.50	26,489,000	---	---
	1992	369,000	367,000	85.40	31,342,000	---	---
	1993	413,000	410,000	83.20	34,112,000	---	---
	1994	470,000	468,000	85.10	39,827,000	---	---
	1995	449,000	447,000	76.00	33,972,000	---	---
	1996	484,000	482,000	75.00	36,150,000	---	---
	1997	493,000	491,000	82.60	40,557,000	---	---
	1998	435,000	433,000	69.90	30,267,000	---	---
Rice, Short <u>2</u> /		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	50,000	50,000	76.50	3,825,000	---	---
	1990	12,000	12,000	75.00	900,000	---	---
	1991	9,000	9,000	77.00	693,000	---	---
	1992	12,000	12,000	79.00	948,000	---	---
	1993	13,000	13,000	78.00	1,014,000	---	---
	1994	10,000	10,000	83.00	830,000	---	---
	1995	10,000	10,000	78.00	780,000	---	---
	1996	13,000	13,000	73.00	949,000	---	---
	1997	16,000	16,000	81.00	1,296,000	---	---
	1998	36,000	36,000	52.60	1,894,000	---	---

Field Crop Acreage, Production and Value, 1989-98

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Rice, All ^{7/}		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1989	415,000	410,000	79.00	32,390,000	6.27	203,085
	1990	400,000	395,000	77.00	30,429,000	5.93	180,444
	1991	351,000	350,000	81.00	28,350,000	6.65	188,528
	1992	396,000	394,000	85.00	33,490,000	5.64	188,884
	1993	440,000	437,000	83.00	36,271,000	8.27	299,961
	1994	487,000	485,000	85.00	41,224,000	6.97	287,331
	1995	467,000	465,000	76.00	35,352,000	8.97	310,744
	1996	502,000	500,000	74.90	37,459,000	7.91	296,301
	1997	518,000	516,000	82.50	42,546,000	7.95	338,241
	1998	480,000	478,000	68.40	32,698,000	8.15	266,489
Sugar Beets ^{2/} ^{8/}		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	176,000	169,000	27.30	4,614,000	42.30	195,172
	1990	173,000	168,000	25.80	4,334,000	41.60	180,294
	1991	165,000	158,000	25.50	4,029,000	37.10	149,476
	1992	154,000	150,000	28.20	4,230,000	35.90	151,857
	1993	138,000	136,000	26.00	3,536,000	35.50	125,528
	1994	143,000	141,000	28.00	3,948,000	33.50	132,258
	1995	116,000	114,000	28.00	3,192,000	39.40	125,765
	1996	84,000	82,000	29.50	2,419,000	43.00	104,017
	1997	101,000	99,000	30.00	2,970,000	40.60	120,582
	1998	102,000	100,000	28.30	2,830,000	---	---
Wheat, Winter (Excl. Durum)		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	625,000	570,000	2.31	1,316,700	128.00	168,538
	1990	620,000	560,000	2.28	1,276,800	107.67	137,469
	1991	450,000	410,000	2.40	984,000	110.00	108,240
	1992	585,000	535,000	2.16	1,155,600	114.33	132,124
	1993	550,000	500,000	2.31	1,155,000	105.00	121,275
	1994	590,000	510,000	2.28	1,162,800	117.33	136,435
	1995	580,000	425,000	1.83	777,800	138.33	107,589
	1996	640,000	550,000	2.07	1,138,500	163.33	185,955
	1997	510,000	400,000	2.10	840,000	123.67	103,880
	1998	500,000	380,000	1.80	684,000	100.00	68,400
Wheat, Durum		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	106,000	105,000	2.49	261,500	124.67	32,594
	1990	60,000	59,000	2.85	168,200	121.33	20,402
	1991	33,000	32,000	3.15	100,800	119.34	12,029
	1992	57,000	55,000	2.79	153,500	118.96	18,261
	1993	41,000	40,000	2.85	114,000	136.00	15,504
	1994	60,000	59,000	2.85	168,200	153.67	25,839
	1995	70,000	68,000	3.00	204,000	165.00	33,660
	1996	140,000	138,000	3.00	414,000	171.33	70,932
	1997	145,000	144,000	2.85	410,400	142.67	58,550
	1998	180,000	175,000	2.70	472,500	173.33	81,900
Wheat, All		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1989	731,000	675,000	2.34	1,578,200	127.33	201,132
	1990	680,000	619,000	2.33	1,445,000	110.33	157,871
	1991	483,000	442,000	2.45	1,084,800	110.87	120,269
	1992	642,000	590,000	2.22	1,309,100	114.88	150,385
	1993	591,000	540,000	2.35	1,269,000	107.78	136,779
	1994	650,000	569,000	2.34	1,331,000	121.92	162,274
	1995	650,000	493,000	1.99	981,800	143.87	141,249
	1996	780,000	688,000	2.26	1,552,500	165.47	256,887
	1997	655,000	544,000	2.30	1,250,400	129.90	162,430
	1998	680,000	555,000	2.08	1,156,500	129.96	150,300

^{1/} Production is on a clean basis.

^{2/} Dashes represent data not published due to the estimate being discontinued, not estimated, or not available.

^{3/} Included in "Beans, Other Dry."

^{4/} Includes varieties not listed separately. Excludes beans grown for garden seed.

^{5/} Cotton bales are 480 lbs. net-weight.

^{6/} Estimated marketings of alfalfa and other hay used as weights to calculate all hay price for 1989-98.

^{7/} Excludes sweet and wild rice.

^{8/} Includes some acreage carried over and harvested the following spring.

Prices Received, Monthly Average for Field Crops, 1989-98

Crop	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Barley		<i>Dollars Per Cwt.</i>											
	1989	5.83	5.58	5.67	5.29	5.94	5.60	5.88	5.27	5.13	5.00	5.19	5.56
	1990	5.27	5.69	5.40	5.63	5.67	5.75	5.67	5.15	4.81	4.69	5.04	4.85
	1991	5.06	5.90	5.44	5.27	5.29	5.31	4.94	5.15	5.04	5.25	5.00	5.69
	1992	4.92	6.17	5.92	5.67	5.21	5.65	5.10	5.38	5.44	5.50	5.50	5.48
	1993	5.60	5.52	5.75	5.46	5.02	5.33	5.04	5.04	5.17	4.67	5.17	5.04
	1994	5.63	1/	5.29	5.31	5.38	5.40	5.21	5.42	1/	1/	1/	5.65
	1995	1/	5.67	5.60	1/	6.10	1/	1/	5.77	6.17	1/	6.96	7.10
	1996	6.85	8.19	8.63	8.38	8.35	8.60	8.02	7.83	7.13	1/	6.33	1/
	1997	6.38	1/	6.31	1/	6.42	6.04	1/	6.04	1/	1/	1/	1/
	1998	5.90	5.83	5.75	1/	1/	4.88	1/	1/	1/	1/	1/	1/
Beans, Dry Edible		<i>Dollars Per Cwt.</i>											
	1989	35.00	36.00	38.00	38.00	38.00	38.00	38.00	36.00	33.00	35.00	36.00	36.00
	1990	35.00	35.00	35.00	34.00	34.00	35.00	34.00	33.50	31.00	30.50	30.00	30.00
	1991	30.40	30.00	32.20	32.60	32.40	31.20	31.60	30.80	31.40	28.30	27.70	27.70
	1992	26.70	26.50	26.00	25.00	24.00	23.50	22.50	22.50	22.00	23.50	23.80	25.20
	1993	25.00	24.80	24.70	24.20	23.60	24.20	24.80	27.40	29.40	31.20	35.50	34.80
	1994	36.90	36.70	36.30	37.00	36.00	36.00	37.80	36.90	36.20	33.00	35.10	34.10
	1995	35.40	35.10	35.40	34.60	35.00	35.70	35.20	34.40	34.40	34.00	34.60	33.80
	1996	34.10	34.60	34.30	34.70	35.30	36.20	36.30	36.90	37.20	36.10	37.70	38.70
	1997	38.90	39.60	39.50	39.40	39.60	38.70	39.10	37.80	31.10	30.00	29.70	29.60
	1998	29.10	28.60	28.10	28.60	27.80	28.60	30.40	31.20	31.20	31.30	31.90	37.80
Cotton Lint, Upland		<i>Cents Per Pound</i>											
	1989	60.70	64.40	65.70	69.90	71.00	70.10	69.40	78.90	72.70	73.10	71.90	69.70
	1990	66.80	70.00	73.80	75.70	81.20	73.50	73.90	78.70	76.70	74.90	75.30	78.50
	1991	79.30	81.90	79.70	82.00	83.70	77.80	76.10	68.20	68.50	69.40	70.60	66.60
	1992	60.10	60.90	60.10	64.40	1/	66.10	1/	54.50	60.30	57.80	59.20	61.90
	1993	62.50	63.30	62.90	62.40	59.50	59.70	1/	57.60	54.50	56.10	60.20	62.30
	1994	67.10	70.40	72.20	72.40	72.40	76.40	70.80	65.40	64.80	68.80	75.40	79.30
	1995	94.50	94.80	108.00	113.20	107.90	97.90	99.40	78.40	83.30	78.90	80.30	84.10
	1996	84.70	83.80	85.20	86.30	80.60	82.10	80.00	77.00	77.60	75.60	77.00	77.50
	1997	76.60	77.60	77.40	73.70	75.50	74.50	74.30	68.40	1/	76.90	74.70	69.70
	1998	73.40	71.30	71.30	68.60	71.50	77.50	1/	74.90	72.50	73.10	75.70	73.90
Cottonseed		<i>Dollars Per Ton</i>											
	1989	147.00	---	---	---	---	---	---	---	---	76.00	105.00	124.00
	1990	---	---	---	---	---	---	---	---	---	145.00	146.00	158.00
	1991	178.00	178.00	---	---	---	---	---	---	---	104.00	103.00	104.00
	1992	---	---	---	---	---	---	---	---	---	118.00	124.00	123.00
	1993	---	---	---	---	---	---	---	---	---	125.00	139.00	136.00
	1994	140.00	---	---	---	---	---	---	---	---	---	141.00	147.00
	1995	157.00	---	---	---	---	---	---	---	---	---	132.00	131.00
	1996	---	---	---	---	---	---	---	---	---	175.00	---	174.00
	1997	189.00	---	---	---	---	---	---	---	---	171.00	175.00	177.00
	1998	---	---	---	---	---	---	---	---	---	135.00	175.00	179.00
Hay, Alfalfa (Baled)		<i>Dollars Per Ton</i>											
	1989	105.00	106.00	109.00	113.00	107.00	96.00	93.00	91.00	97.00	93.00	97.00	103.00
	1990	110.00	109.00	109.00	123.00	115.00	105.00	100.00	97.00	99.00	103.00	103.00	96.00
	1991	104.00	104.00	101.00	108.00	96.00	92.00	82.00	78.00	78.00	79.00	80.00	78.00
	1992	76.00	76.00	76.00	76.00	93.00	88.00	69.00	78.00	74.00	80.00	79.00	80.00
	1993	86.00	91.00	92.00	97.00	107.00	100.00	91.00	94.00	103.00	107.00	112.00	116.00
	1994	119.00	126.00	123.00	124.00	111.00	116.00	108.00	106.00	114.00	116.00	120.00	131.00
	1995	124.00	113.00	110.00	100.00	100.00	103.00	99.00	97.00	99.00	105.00	98.00	115.00
	1996	100.00	104.00	98.00	108.00	104.00	104.00	100.00	101.00	106.00	111.00	112.00	118.00
	1997	126.00	133.00	127.00	132.00	129.00	125.00	121.00	115.00	124.00	127.00	128.00	123.00
	1998	122.00	125.00	121.00	120.00	107.00	102.00	99.00	99.00	93.00	96.00	89.00	79.00

Prices Received, Monthly Average for Field Crops, 1989-98

Crop	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Hay, All (Baled)		<i>Dollars Per Ton</i>											
	1989	105.00	105.00	109.00	111.00	106.00	94.00	92.00	90.00	96.00	91.00	96.00	101.00
	1990	107.00	107.00	108.00	121.00	111.00	103.00	97.00	94.00	96.00	100.00	101.00	95.00
	1991	102.00	102.00	101.00	107.00	94.00	89.00	81.00	76.00	77.00	77.00	79.00	78.00
	1992	75.00	75.00	75.00	74.00	88.00	84.00	67.00	76.00	71.00	77.00	76.00	75.00
	1993	81.00	85.00	89.00	96.00	104.00	97.00	89.00	92.00	101.00	104.00	108.00	110.00
	1994	116.00	123.00	120.00	122.00	107.00	111.00	104.00	99.00	109.00	112.00	116.00	124.00
	1995	114.00	110.00	109.00	100.00	97.00	99.00	96.00	94.00	98.00	104.00	96.00	106.00
	1996	103.00	96.00	105.00	99.00	102.00	103.00	98.00	100.00	104.00	110.00	110.00	117.00
	1997	124.00	132.00	126.00	128.00	125.00	123.00	120.00	113.00	122.00	123.00	127.00	122.00
	1998	121.00	123.00	121.00	119.00	105.00	100.00	99.00	97.00	91.00	93.00	87.00	79.00
Potatoes		<i>Dollars Per Cwt.</i>											
	1989	10.70	11.80	9.85	10.60	10.90	11.10	13.30	18.80	10.70	10.10	8.60	8.10
	1990	12.80	12.30	15.60	11.00	12.70	9.75	10.00	12.70	6.70	6.50	8.80	11.60
	1991	10.40	8.80	6.75	5.35	11.30	12.10	11.20	9.40	6.95	4.10	5.80	6.75
	1992	6.45	7.00	6.10	7.90	7.45	8.65	11.20	15.30	11.00	8.75	10.70	11.20
	1993	10.90	10.90	9.20	13.60	11.80	11.10	14.70	15.10	11.00	8.50	13.30	13.90
	1994	13.70	11.60	11.60	10.70	11.70	11.00	12.10	11.50	6.75	6.55	8.45	8.40
	1995	8.50	9.80	9.15	8.55	12.10	12.10	14.30	16.80	19.30	13.40	13.50	12.50
	1996	12.20	12.00	14.00	13.90	11.20	13.10	13.10	11.00	14.90	11.20	9.80	7.95
	1997	8.50	8.70	9.95	11.50	8.15	9.95	10.20	13.50	14.70	13.80	8.20	11.20
	1998	11.00	12.30	17.10	15.30	10.90	10.20	10.90	10.90	11.30	9.05	9.40	11.70
Wheat, All		<i>Dollars Per Cwt.</i>											
	1989	7.55	7.18	7.28	7.43	7.47	6.40	6.40	6.25	6.23	6.67	6.35	6.15
	1990	6.18	5.58	6.23	6.42	6.08	5.80	5.83	5.22	4.83	4.82	4.55	4.58
	1991	5.55	4.52	5.08	4.92	4.73	5.33	5.17	5.17	5.18	5.52	5.40	5.25
	1992	6.27	6.63	6.35	6.37	5.73	5.87	5.82	5.43	5.63	5.83	5.75	5.57
	1993	5.88	6.18	5.53	5.33	5.30	5.30	5.00	5.25	5.02	4.97	5.67	5.93
	1994	6.25	5.77	5.73	5.77	6.22	6.30	5.63	5.73	6.27	6.77	6.77	6.63
	1995	7.22	6.40	7.00	6.23	7.12	7.53	6.73	<u>1/</u>	<u>1/</u>	7.50	8.83	7.72
	1996	8.35	8.73	9.38	9.42	9.23	8.95	7.98	8.02	7.93	7.35	7.20	7.00
	1997	8.03	7.30	7.57	7.23	7.00	6.68	<u>1/</u>	<u>1/</u>	6.22	6.53	<u>1/</u>	<u>1/</u>
	1998	<u>1/</u>	<u>1/</u>	5.22	5.22	6.22	4.98	4.87	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>

1/ Not published due to insufficient sales or disclosure.

Barley Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>		<i>Bushels (48 Lbs.)</i>		<i>Acres</i>		<i>Bushels (48 Lbs.)</i>	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Shasta	1,300	500	60.0	30,000	700	500	60.0	30,000
Siskiyou	13,200	11,600	93.3	1,082,000	12,300	11,500	96.5	1,110,000
Trinity	---	---	---	---	---	---	---	---
District Total	14,500	12,100	91.9	1,112,000	13,000	12,000	95.0	1,140,000
Lassen	1,300	1,000	45.0	45,000	1,000	700	46.7	32,700
Modoc	17,200	13,600	102.1	1,389,000	11,600	11,300	103.3	1,167,300
Plumas	---	---	---	---	---	---	---	---
District Total	18,500	14,600	98.2	1,434,000	12,600	12,000	100.0	1,200,000
Alameda	700	300	53.3	16,000	400	200	55.0	11,000
Contra Costa	500	300	76.7	23,000	200	100	77.0	7,700
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	20,800	16,000	36.1	578,000	10,500	8,400	38.0	319,200
Napa	---	---	---	---	---	---	---	---
San Benito	8,900	3,500	27.4	96,000	6,300	2,500	37.1	92,800
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	33,500	24,000	33.3	798,000	31,500	27,500	37.5	1,030,000
San Mateo	400	200	35.0	7,000	200	100	52.0	5,200
Santa Clara	700	200	45.0	9,000	900	300	47.0	14,100
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
District Total	65,500	44,500	34.3	1,527,000	50,000	39,100	37.9	1,480,000
Butte	1,500	1,000	61.0	61,000	500	300	63.0	18,900
Colusa	800	400	42.5	17,000	400	100	66.0	6,600
Glenn	2,500	1,800	51.7	93,000	1,900	1,700	55.0	93,500
Sacramento	2,100	1,800	72.2	130,000	900	600	77.0	46,200
Solano	10,100	6,900	46.7	322,000	6,500	5,000	49.0	245,000
Sutter	500	200	65.0	13,000	500	100	66.0	6,600
Tehama	900	600	46.7	28,000	1,100	800	47.5	38,000
Yolo	1,600	1,000	68.0	68,000	700	400	78.0	31,200
Yuba	---	---	---	---	500	---	---	---
District Total	20,000	13,700	53.4	732,000	13,000	9,000	54.0	486,000
Fresno	10,600	8,400	72.6	610,000	9,700	8,500	75.0	637,500
Kern	27,400	13,500	52.2	705,000	21,500	14,700	56.9	836,900
Kings	19,100	14,800	46.5	688,000	14,700	11,100	57.0	632,700
Madera	2,400	1,700	80.0	136,000	1,500	1,100	80.0	88,000
Merced	8,000	4,800	80.0	384,000	3,200	1,400	85.0	119,000
San Joaquin	2,400	2,100	77.1	162,000	1,200	600	78.0	46,800
Stanislaus	2,500	1,900	56.8	108,000	2,000	900	59.0	53,100
Tulare	20,100	9,400	56.8	534,000	11,400	7,000	58.0	406,000
District Total	92,500	56,600	58.8	3,327,000	65,200	45,300	62.3	2,820,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
Combined 1/	400	300	60.0	18,000	200	100	60.0	6,000
District Total	400	300	60.0	18,000	200	100	60.0	6,000
Imperial	1,100	600	66.7	40,000	800	100	68.0	6,800
Los Angeles	3,700	1,500	32.7	49,000	4,200	2,800	45.0	126,000
Orange	1,200	400	52.5	21,000	900	200	55.0	11,000
Riverside	6,100	2,500	42.8	107,000	5,900	3,600	48.4	174,300
San Bernardino	1,000	200	75.0	15,000	900	100	79.0	7,900
San Diego	1,300	700	30.0	21,000	900	200	55.0	11,000
Santa Barbara	2,900	1,600	67.5	108,000	1,800	300	70.0	21,000
Ventura	1,300	700	55.7	39,000	600	200	50.0	10,000
District Total	18,600	8,200	48.8	400,000	16,000	7,500	49.1	368,000
STATE	230,000	150,000	57.0	8,550,000	170,000	125,000	60.0	7,500,000

1/ These figures include estimates for one or more counties, which normally have less than 200 acres planted.

Beans, Dry Edible Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	200	200	2,000	4,000	200	200	1,500	3,000
District Total	200	200	2,000	4,000	200	200	1,500	3,000
Shasta	—	—	—	—	—	—	—	—
Siskiyou	—	—	—	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—
District Total	—	—	—	—	—	—	—	—
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District Total	—	—	—	—	—	—	—	—
Alameda	—	—	—	—	—	—	—	—
Contra Costa	—	—	—	—	—	—	—	—
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	3,000	2,900	2,690	78,000	1,200	1,000	2,000	20,000
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	1,500	1,400	1,500	21,000	700	700	1,000	7,000
San Mateo	200	200	2,000	4,000	200	200	1,500	3,000
Santa Clara	400	400	3,000	12,000	400	400	2,000	8,000
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
District Total	5,100	4,900	2,347	115,000	2,500	2,300	1,652	38,000
Butte	2,200	2,100	2,143	45,000	2,000	1,800	1,944	35,000
Colusa	8,000	7,900	2,101	166,000	7,300	7,100	1,620	115,000
Glenn	3,300	3,200	2,063	66,000	1,600	1,600	1,750	28,000
Sacramento	1,400	1,400	2,143	30,000	1,000	1,000	1,500	15,000
Solano	4,900	4,900	2,082	102,000	3,900	3,700	1,892	70,000
Sutter	9,500	9,400	1,904	179,000	8,800	8,400	1,548	130,000
Tehama	1,200	1,200	1,833	22,000	1,000	900	1,556	14,000
Yolo	4,600	4,400	1,591	70,000	2,300	2,000	1,500	30,000
Yuba	200	200	2,500	5,000	200	200	1,500	3,000
District Total	35,300	34,700	1,974	685,000	28,100	26,700	1,648	440,000
Fresno	19,000	18,400	2,440	449,000	14,200	13,800	2,283	315,000
Kern	5,600	5,500	3,055	168,000	5,100	5,000	2,800	140,000
Kings	4,400	4,300	1,930	83,000	4,900	4,600	1,957	90,000
Madera	2,600	2,600	2,308	60,000	2,400	2,100	2,619	55,000
Merced	4,200	4,000	2,575	103,000	3,200	3,200	1,719	55,000
San Joaquin	19,100	18,300	2,153	394,000	19,100	18,300	1,820	333,000
Stanislaus	22,100	22,000	2,509	552,000	16,500	15,800	1,994	315,000
Tulare	8,000	7,900	2,975	235,000	7,700	7,400	2,432	180,000
District Total	85,000	83,000	2,463	2,044,000	73,100	70,200	2,113	1,483,000
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District Total	—	—	—	—	—	—	—	—
Imperial	—	—	—	—	—	—	—	—
Los Angeles	—	—	—	—	—	—	—	—
Orange	1,600	1,600	1,375	22,000	1,100	1,000	1,600	16,000
Riverside	1,000	900	1,444	13,000	400	400	1,500	6,000
San Bernardino	—	—	—	—	—	—	—	—
San Diego	200	200	1,500	3,000	200	200	1,000	2,000
Santa Barbara	6,300	6,200	1,726	107,000	4,100	3,700	1,459	54,000
Ventura	300	300	2,333	7,000	300	300	2,000	6,000
District Total	9,400	9,200	1,652	152,000	6,100	5,600	1,500	84,000
STATE	135,000	132,000	2,273	3,000,000	110,000	105,000	1,950	2,048,000

Corn Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>		<i>Bushels (56 Lbs.)</i>		<i>Acres</i>		<i>Bushels (56 Lbs.)</i>	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Shasta	200	---	---	---	200	---	---	---
Siskiyou	300	---	---	---	300	---	---	---
Trinity	---	---	---	---	---	---	---	---
District Total	500	---	---	---	500	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Alameda	500	500	154.0	77,000	1,500	500	128.0	64,000
Contra Costa	7,000	6,500	159.4	1,036,000	7,900	7,300	143.2	1,045,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	500	---	---	---	300	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	300	300	156.7	47,000	300	200	130.0	26,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	500	---	---	---
District Total	8,300	7,300	158.9	1,160,000	10,500	8,000	141.9	1,135,000
Butte	1,500	1,000	185.0	185,000	1,000	500	164.0	82,000
Colusa	6,000	5,000	191.0	955,000	6,500	5,500	156.4	860,000
Glenn	18,500	16,000	196.9	3,150,000	16,500	14,000	175.7	2,460,000
Sacramento	32,500	27,500	158.2	4,350,000	28,000	26,000	156.9	4,080,000
Solano	24,000	21,000	183.3	3,850,000	21,000	18,000	155.6	2,800,000
Sutter	8,000	7,000	182.1	1,275,000	8,500	6,000	150.0	900,000
Tehama	2,500	2,000	152.5	305,000	1,500	1,000	140.0	140,000
Yolo	46,000	44,000	170.0	7,480,000	38,000	36,000	158.1	5,690,000
Yuba	2,000	1,500	180.0	270,000	1,000	1,000	153.0	153,000
District Total	141,000	125,000	174.6	21,820,000	122,000	108,000	158.9	17,165,000
Fresno	21,000	6,500	142.3	925,000	20,500	6,500	142.3	925,000
Kern	12,000	4,000	175.0	700,000	24,500	5,000	156.0	780,000
Kings	47,000	14,000	160.7	2,250,000	50,500	14,000	185.0	2,590,000
Madera	37,500	8,000	150.6	1,205,000	34,000	8,000	140.0	1,120,000
Merced	69,000	9,000	166.7	1,500,000	69,500	7,000	146.4	1,025,000
San Joaquin	80,000	58,000	170.0	9,860,000	82,000	63,000	150.0	9,450,000
Stanislaus	46,500	2,000	170.0	340,000	60,000	1,500	140.0	210,000
Tulare	112,500	25,000	173.0	4,325,000	139,000	35,000	189.3	6,625,000
District Total	425,500	126,500	166.8	21,105,000	480,000	140,000	162.3	22,725,000
Alpine	---	---	---	---	---	---	---	---
Amador	600	600	175.0	105,000	500	300	166.7	50,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	400	200	175.0	35,000	500	500	160.0	80,000
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
District Total	1,000	800	175.0	140,000	1,000	800	162.5	130,000
Imperial	3,100	2,700	170.4	460,000	2,000	1,600	153.1	245,000
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	3,200	2,300	132.6	305,000	1,800	800	125.0	100,000
San Bernardino	1,200	---	---	---	800	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	700	---	---	---	400	---	---	---
Ventura	---	---	---	---	---	---	---	---
District Total	8,200	5,000	153.0	765,000	5,000	2,400	143.8	345,000
Other Counties <u>1/</u>	500	400	150.0	60,000	1,000	800	125.0	100,000
STATE	585,000	265,000	170.0	45,050,000	620,000	260,000	160.0	41,600,000

1/ Includes counties that normally have less than 200 acres planted.

Cotton, Upland Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Butte	---	---	---	---	---	---	---	---
Colusa	5,000	4,700	1,226	12,000	6,000	6,000	960	12,000
Glenn	800	600	1,120	1,400	300	300	960	600
Sacramento	---	---	---	---	---	---	---	---
Solano	---	---	---	---	---	---	---	---
Sutter	---	---	---	---	700	700	891	1,300
Tehama	---	---	---	---	---	---	---	---
Yolo	4,000	4,000	1,212	10,100	3,000	3,000	800	5,000
Yuba	---	---	---	---	---	---	---	---
Combined 1/	700	700	1,166	1,700	---	---	---	---
District Total	10,500	10,000	1,210	25,200	10,000	10,000	907	18,900
Fresno	309,000	308,000	1,259	808,000	207,000	206,000	913	392,000
Kern	192,000	191,000	1,186	472,000	142,000	141,000	820	241,000
Kings	167,000	166,000	951	329,000	131,000	106,000	806	178,000
Madera	31,000	31,000	1,332	86,000	28,000	27,000	932	52,400
Merced	76,000	76,000	1,446	229,000	63,000	62,000	1,053	136,000
San Joaquin	---	---	---	---	---	---	---	---
Stanislaus	---	---	---	---	---	---	---	---
Tulare	75,000	74,000	1,187	183,000	52,000	51,000	819	87,000
District Total	850,000	846,000	1,195	2,107,000	623,000	593,000	879	1,086,400
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Imperial	7,100	6,900	1,496	21,500	7,500	7,500	1,229	19,200
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	11,900	11,600	1,498	36,200	8,800	8,800	1,096	20,100
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
District Total	19,000	18,500	1,497	57,700	16,300	16,300	1,157	39,300
Other Counties 2/	500	500	1,056	1,100	700	700	960	1,400
STATE	880,000	875,000	1,202	2,191,000	650,000	620,000	887	1,146,000

1/ Some individual county totals not published due to possible disclosure of individual operations.

2/ Includes counties that normally have less than 500 acres planted.

Cotton, American Pima Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Butte	---	---	---	---	---	---	---	---
Colusa	---	---	---	---	---	---	---	---
Glenn	---	---	---	---	---	---	---	---
Sacramento	---	---	---	---	---	---	---	---
Solano	---	---	---	---	---	---	---	---
Sutter	---	---	---	---	---	---	---	---
Tehama	---	---	---	---	---	---	---	---
Yolo	---	---	---	---	---	---	---	---
Yuba	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Fresno	66,100	65,700	1,208	165,300	84,500	84,000	1,069	187,000
Kern	56,600	56,300	1,115	130,800	44,700	44,200	696	64,100
Kings	53,500	53,200	1,104	122,400	62,700	43,700	946	86,100
Madera	---	---	---	---	---	---	---	---
Merced	1,400	1,400	1,131	3,300	600	600	960	1,200
San Joaquin	---	---	---	---	---	---	---	---
Stanislaus	---	---	---	---	---	---	---	---
Tulare	7,000	7,000	994	14,500	7,400	7,400	921	14,200
District Total	184,600	183,600	1,141	436,300	199,900	179,900	941	352,600
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Other Counties ^{1/}	400	400	1,080	900	100	100	960	200
STATE	185,000	184,000	1,141	437,200	200,000	180,000	941	352,800

^{1/} Includes counties that normally have less than 200 acres planted.

Oat Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>		<i>Bushels (32 Lbs.)</i>		<i>Acres</i>		<i>Bushels (32 Lbs.)</i>	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	2,300	200	81.5	16,300	2,100	200	77.5	15,500
Combined 1/	300	100	66.0	6,600	300	100	66.0	6,600
District Total	2,600	300	76.3	22,900	2,400	300	73.7	22,100
Shasta	1,700	300	106.3	31,900	1,900	400	91.3	36,500
Siskiyou	9,600	3,400	106.8	363,000	9,500	3,100	92.1	285,600
Trinity	---	---	---	---	---	---	---	---
District Total	11,300	3,700	106.7	394,900	11,400	3,500	92.0	322,100
Lassen	7,000	300	86.0	25,800	6,300	300	77.3	23,200
Modoc	9,300	900	116.9	105,200	9,000	900	105.2	94,700
Plumas	1,200	---	---	---	1,200	---	---	---
District Total	17,500	1,200	109.2	131,000	16,500	1,200	98.3	117,900
Alameda	2,900	300	65.7	19,700	2,700	300	61.7	18,500
Contra Costa	2,100	400	60.3	24,100	2,200	300	60.3	18,100
Lake	2,900	300	63.7	19,100	2,600	200	61.0	12,200
Marin	6,300	800	58.9	47,100	5,500	1,900	54.8	104,200
Monterey	3,200	200	66.0	13,200	2,900	300	59.7	17,900
Napa	1,200	---	---	---	1,000	---	---	---
San Benito	3,500	700	60.7	42,500	3,800	500	61.0	30,500
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	17,100	1,400	59.3	83,000	14,600	1,000	57.7	57,700
San Mateo	1,600	1,100	53.9	59,300	1,400	700	55.0	38,500
Santa Clara	2,700	400	81.3	32,500	2,400	400	79.8	31,900
Santa Cruz	1,100	---	---	---	1,000	---	---	---
Sonoma	27,000	1,900	46.0	87,400	25,900	1,700	47.3	80,400
District Total	71,600	7,500	57.1	427,900	66,000	7,300	56.2	409,900
Butte	6,400	200	82.0	16,400	5,200	300	79.0	23,700
Colusa	700	200	71.5	14,300	800	300	73.0	21,900
Glenn	4,900	200	69.5	13,900	5,100	200	67.0	13,400
Sacramento	5,900	300	96.3	28,900	6,300	400	88.5	35,400
Solano	4,800	700	74.6	52,200	4,700	600	71.7	43,000
Sutter	3,700	300	85.3	25,600	3,500	400	80.3	32,100
Tehama	4,400	400	68.0	27,200	4,700	300	66.3	19,900
Yolo	12,200	700	82.6	57,800	9,700	600	79.8	47,900
Yuba	1,100	200	76.0	15,200	1,000	300	72.3	21,700
District Total	44,100	3,200	78.6	251,500	41,000	3,400	76.2	259,000
Fresno	12,500	2,100	94.5	198,500	13,300	1,800	88.6	159,500
Kern	4,300	500	92.2	46,100	5,000	400	86.5	34,600
Kings	3,800	200	93.0	18,600	4,000	200	86.0	17,200
Madera	9,500	1,500	92.5	138,800	9,500	1,900	85.8	163,000
Merced	48,400	3,800	84.9	322,700	38,500	3,200	80.1	256,300
San Joaquin	23,100	1,500	99.8	149,700	22,000	1,800	92.5	166,500
Stanislaus	31,600	1,000	97.2	97,200	26,700	1,100	90.9	100,000
Tulare	31,800	1,000	78.0	78,000	29,000	1,300	72.9	94,800
District Total	165,000	11,600	90.5	1,049,600	148,000	11,700	84.8	991,900
Alpine	---	---	---	---	200	---	---	---
Amador	800	0	0.0	0	600	---	---	---
Calaveras	900	200	65.5	13,100	800	300	62.0	18,600
El Dorado	300	---	---	---	200	---	---	---
Inyo	300	---	---	---	300	---	---	---
Mariposa	300	---	---	---	300	---	---	---
Mono	400	---	---	---	300	---	---	---
Nevada	---	---	---	---	200	---	---	---
Placer	3,400	300	65.0	19,500	2,900	300	61.7	18,500
Sierra	600	---	---	---	500	---	---	---
Tuolumne	200	---	---	---	200	---	---	---
District Total	7,200	500	65.2	32,600	6,500	600	61.8	37,100
Imperial	600	300	46.0	13,800	800	300	45.3	13,600
Los Angeles	1,300	200	40.5	8,100	1,200	200	41.5	8,300
Orange	300	---	---	---	300	---	---	---
Riverside	12,700	1,000	44.7	44,700	11,500	1,000	45.5	45,500
San Bernardino	2,700	---	---	---	2,400	---	---	---
San Diego	6,400	300	49.0	14,700	4,900	300	48.0	14,400
Santa Barbara	5,400	200	41.5	8,300	6,000	200	41.0	8,200
Ventura	1,300	---	---	---	1,100	---	---	---
District Total	30,700	2,000	44.8	89,600	28,200	2,000	45.0	90,000
STATE	350,000	30,000	80.0	2,400,000	320,000	30,000	75.0	2,250,000

1/ These figures include estimates for one or more counties, which normally have less than 200 acres planted.

Rice Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Butte	100,000	99,000	8,364	8,280,000	88,000	87,800	6,689	5,873,000
Colusa	131,000	131,000	8,244	10,800,000	121,000	120,000	6,821	8,185,000
Glenn	87,000	87,000	8,333	7,250,000	83,000	83,000	6,637	5,509,000
Sacramento	9,000	9,000	8,222	740,000	9,100	9,000	7,078	637,000
Solano	---	---	---	---	---	---	---	---
Sutter	94,000	93,000	8,397	7,809,000	91,000	90,700	7,031	6,377,000
Tehama	2,000	2,000	6,800	136,000	1,200	1,000	6,300	63,000
Yolo	26,000	26,000	8,131	2,114,000	20,400	20,200	7,054	1,425,000
Yuba	35,000	35,000	8,163	2,857,000	37,300	37,300	6,861	2,559,000
District Total	484,000	482,000	8,296	39,986,000	451,000	449,000	6,821	30,628,000
Fresno	4,000	4,000	6,625	265,000	3,000	3,000	6,900	207,000
Kern	---	---	---	---	---	---	---	---
Kings	---	---	---	---	---	---	---	---
Madera	---	---	---	---	---	---	---	---
Merced	5,000	5,000	7,600	380,000	5,500	5,500	7,055	388,000
San Joaquin	5,000	5,000	7,800	390,000	4,500	4,500	7,000	315,000
Stanislaus	3,000	3,000	7,167	215,000	2,000	2,000	7,000	140,000
Tulare	---	---	---	---	---	---	---	---
District Total	17,000	17,000	7,353	1,250,000	15,000	15,000	7,000	1,050,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	17,000	17,000	7,706	1,310,000	14,000	14,000	7,286	1,020,000
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
District Total	17,000	17,000	7,706	1,310,000	14,000	14,000	7,286	1,020,000
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
STATE	518,000	516,000	8,245	42,546,000	480,000	478,000	6,841	32,698,000

Sugar Beet Acreage and Production by County, 1997-98

County	1997					1998				
	Planted	Harvested	Yield/Acre	Production	Sucrose	Planted	Harvested	Yield/Acre	Production	Sucrose
	<i>Acres</i>		<i>Tons</i>		<i>Percent</i>	<i>Acres</i>		<i>Tons</i>		<i>Percent</i>
Del Norte	---	---	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---	---	---
Siskiyou	1,600	1,600	22.5	36,000	18.50	1,300	1,200	22.5	27,000	18.10
Trinity	---	---	---	---	---	---	---	---	---	---
District Total	1,600	1,600	22.5	36,000	18.50	1,300	1,200	22.5	27,000	18.10
Lassen	---	---	---	---	---	---	---	---	---	---
Modoc	3,400	3,400	22.4	76,000	18.70	3,200	3,100	22.3	69,000	18.03
Plumas	---	---	---	---	---	---	---	---	---	---
District Total	3,400	3,400	22.4	76,000	18.70	3,200	3,100	22.3	69,000	18.03
Alameda	---	---	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---	---	---
Butte	700	700	25.7	18,000	12.94	---	---	---	---	---
Colusa	1,400	1,300	26.9	35,000	15.76	1,100	1,100	25.5	28,000	16.30
Glenn	4,200	4,100	25.6	105,000	13.45	1,100	1,000	21.0	21,000	12.26
Sacramento	3,100	3,000	19.0	57,000	15.83	1,800	1,800	21.1	38,000	15.83
Solano	6,900	6,800	25.7	175,000	16.01	6,100	5,800	23.1	134,000	16.20
Sutter	1,900	1,900	22.6	43,000	16.30	2,300	2,100	19.5	41,000	16.30
Tehama	---	---	---	---	---	---	---	---	---	---
Yolo	4,600	4,500	22.2	100,000	15.50	2,800	2,700	22.2	60,000	16.01
Yuba	---	---	---	---	---	---	---	---	---	---
District Total	22,800	22,300	23.9	533,000	15.30	15,200	14,500	22.2	322,000	15.88
Fresno	13,800	13,600	31.6	430,000	14.64	23,100	22,700	26.9	611,000	14.15
Kern	3,700	3,600	30.6	110,000	14.12	4,700	4,700	31.5	148,000	13.89
Kings	2,400	2,400	25.0	60,000	13.60	3,900	3,500	21.7	76,000	13.23
Madera	---	---	---	---	---	---	---	---	---	---
Merced	8,700	8,500	29.4	250,000	15.54	8,400	8,200	25.2	207,000	16.25
San Joaquin	7,400	7,100	24.4	173,000	14.47	6,700	6,700	23.6	158,000	15.22
Stanislaus	---	---	---	---	---	---	---	---	---	---
Tulare	1,900	1,900	29.5	56,000	14.10	2,900	2,800	28.2	79,000	12.74
District Total	37,900	37,100	29.1	1,079,000	14.66	49,700	48,600	26.3	1,279,000	14.48
Alpine	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---	---	---
Imperial	34,200	33,800	36.2	1,222,000	17.24	31,800	31,800	34.9	1,111,000	16.91
Los Angeles	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---	---	---
District Total	34,200	33,800	36.2	1,222,000	17.24	31,800	31,800	34.9	1,111,000	16.91
Other Counties 1/	800	800	30.0	24,000	13.98	800	800	27.5	22,000	14.61
STATE	101,000	99,000	30.0	2,970,000	15.85	102,000	100,000	28.3	2,830,000	15.72

1/ Includes counties that normally have less than 500 acres planted.

Wheat, All Acreage and Production by County, 1997-98

County	1997				1998			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels (60 Lbs.)</i>	<i>Bushels (60 Lbs.)</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels (60 Lbs.)</i>	<i>Bushels (60 Lbs.)</i>
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
District Total	---	---	---	---	---	---	---	---
Shasta	1,500	1,000	50.0	50,000	500	500	60.0	30,000
Siskiyou	5,500	5,000	69.0	345,000	8,000	7,000	60.7	425,000
Trinity	---	---	---	---	---	---	---	---
District Total	7,000	6,000	65.8	395,000	8,500	7,500	60.7	455,000
Lassen	1,500	1,000	45.0	45,000	2,000	1,000	65.0	65,000
Modoc	4,000	3,500	61.4	215,000	12,000	6,000	65.0	390,000
Plumas	---	---	---	---	---	---	---	---
District Total	5,500	4,500	57.8	260,000	14,000	7,000	65.0	455,000
Alameda	4,000	2,000	75.0	150,000	5,500	1,500	63.3	95,000
Contra Costa	6,000	5,000	90.0	450,000	5,500	3,500	80.0	280,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	6,000	4,000	37.5	150,000	10,500	8,000	20.0	160,000
Napa	---	---	---	---	---	---	---	---
San Benito	3,000	1,500	78.7	118,000	3,000	1,500	63.3	95,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	2,000	1,000	20.0	20,000	2,000	1,000	35.0	35,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	1,000	500	74.0	37,000	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	1,000	500	60.0	30,000	2,000	500	50.0	25,000
District Total	23,000	14,500	65.9	955,000	28,500	16,000	43.1	690,000
Butte	4,000	3,500	75.7	265,000	4,500	3,500	45.7	160,000
Colusa	38,500	36,000	72.8	2,620,000	27,500	27,000	60.0	1,620,000
Glenn	22,000	20,000	77.0	1,540,000	17,500	15,500	54.8	850,000
Sacramento	14,000	10,500	83.3	875,000	5,000	4,000	68.8	275,000
Solano	30,000	27,500	61.1	1,680,000	24,000	22,000	68.2	1,500,000
Sutter	18,000	14,000	77.1	1,080,000	17,000	12,500	66.4	830,000
Tehama	5,000	4,000	41.3	165,000	3,000	2,000	40.0	80,000
Yolo	43,000	39,000	82.1	3,200,000	19,000	17,000	70.6	1,200,000
Yuba	500	500	70.0	35,000	500	500	40.0	20,000
District Total	175,000	155,000	73.9	11,460,000	118,000	104,000	62.8	6,535,000
Fresno	39,500	35,500	76.6	2,720,000	69,500	57,000	71.8	4,090,000
Kern	58,500	53,000	65.0	3,445,000	65,000	60,500	64.5	3,900,000
Kings	92,000	74,000	75.8	5,610,000	110,000	99,000	66.8	6,615,000
Madera	27,000	14,000	72.5	1,015,000	14,000	13,000	64.2	835,000
Merced	11,500	8,000	75.0	600,000	22,000	8,500	72.9	620,000
San Joaquin	34,500	30,000	77.3	2,320,000	23,000	18,000	61.7	1,110,000
Stanislaus	2,500	1,000	65.0	65,000	2,500	500	40.0	20,000
Tulare	49,500	33,500	59.4	1,990,000	74,000	41,500	60.2	2,500,000
District Total	315,000	249,000	71.3	17,765,000	380,000	298,000	66.1	19,690,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	2,000	1,500	66.7	100,000	2,000	1,500	66.7	100,000
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
District Total	2,000	1,500	66.7	100,000	2,000	1,500	66.7	100,000
Imperial	87,500	84,500	102.1	8,625,000	85,000	83,500	105.4	8,800,000
Los Angeles	1,000	500	50.0	25,000	1,000	500	30.0	15,000
Orange	---	---	---	---	---	---	---	---
Riverside	36,000	25,500	74.7	1,905,000	38,500	33,000	48.8	1,610,000
San Bernardino	500	500	50.0	25,000	---	---	---	---
San Diego	2,000	2,000	72.5	145,000	4,000	3,500	54.3	190,000
Santa Barbara	500	500	40.0	20,000	500	500	20.0	10,000
Ventura	---	---	---	---	---	---	---	---
District Total	127,500	113,500	94.7	10,745,000	129,000	121,000	87.8	10,625,000
STATE	655,000	544,000	76.6	41,680,000	680,000	555,000	69.5	38,550,000

California Floriculture

Summary of California Floriculture

Floriculture is one of the fastest growing segments of U.S. agriculture. All states have commercial growers, but production is concentrated in the southern and western states, mostly due to climate factors. Floriculture includes cut flowers, cultivated greens, potted foliage and flowering plants, bedding and garden plants. These crops are typically grown under cover such as plastic or greenhouses.

California's total value of sales at wholesale for floriculture fell 4% from \$767 million in 1997 to \$740 million in 1998. California is the leading floriculture state accounting for 21% of the 1998 U.S. value.

California produces approximately 64% of all U.S. grown fresh, cut flowers. The Golden State's dominance of the cut flower industry is mainly due to its favorable coastal climate that allows year-round production of flowers and cut greens. Other leading flower-producing states are Florida, Colorado, and Hawaii. California's leading flower-producing counties are Ventura, Santa Cruz, Santa Clara, Santa Barbara, San Luis Obispo, San Diego, and Monterey. Most flowers are purchased during four key-holiday months: February, April, May, and December. The rose is the most popular cut flower in the nation, with California producing roughly 70% of all fresh, cut roses grown in the U.S. Cut flower demand has continued to rise, however, domestic production has been declining with about two-thirds of the major cut flowers now imported. Most of the imports come from Columbia, Ecuador, Netherlands, Costa Rica and Mexico. From 1997 to 1998, California's value of cut flower sales declined 13% from \$308 million to \$267 million.

Sales of potted flowering plants crept up 1% from \$145 million in 1997 to \$146 million in 1998. Sales of foliage plants gained 3% from \$86.8 million to \$90.4 million.

Bedding and garden plants value of sales at wholesale increased 2% from \$212 million to \$217 million. Values for cut cultivated greens were up more than \$3 million from \$16.5 to \$19.8 million.

Floriculture Production and Value, 1997 ^{1/}

Kind	Number of Producers	Plants Grown	Production Area	Sales			Wholesale Price ^{2/}	Value of Sales at Wholesale
				Unit	Number Sold	At Wholesale		
				<i>1,000</i>	<i>1,000</i>	<i>Percent</i>		
	<i>Number</i>	<i>1,000</i>	<i>1,000 Sq. Ft.</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>Dollars</i>	<i>\$1,000</i>
Cut Flowers ^{3/}								307,557
Carnations	—	12,180	9,905	—	—	—	—	16,187
Standard	53	7,017	6,118	Blooms	65,324	99	0.14	9,472
Miniature	58	5,163	3,787	Bunches	4,568	97	1.47	6,715
Chrysanthemums	—	34,945	11,099	—	—	—	—	18,516
Standard	19	8,485	1,761	Blooms	8,778	100	0.39	3,441
Pompon	33	26,460	9,338	Bunches	12,060	99	1.25	15,075
Roses	—	13,127	24,746	—	—	—	—	73,587
Hybrid Tea	78	12,253	23,251	Blooms	249,619	94	0.28	68,645
Sweetheart	35	874	1,495	Blooms	28,564	89	0.17	4,942
Others	237	—	244,823	—	—	97	—	190,472
Potted Flowering Plants								144,701
African Violets	14	—	—	Pots	1,913	100	1.26	2,413
Chrysanthemums	22	—	—	Pots	4,969	100	2.56	12,711
Cyclamens	72	—	—	Pots	2,497	98	2.51	6,273
Finished Florist Azaleas	20	—	—	Pots	592	99	5.03	2,978
Kalanchoes	23	—	—	Pots	1,475	100	2.18	3,210
Easter Lilies	32	—	—	Pots	1,108	100	3.79	4,197
Orchids	44	—	—	Pots	1,961	98	11.30	22,171
Poinsettias	113	—	—	Pots	7,063	99	3.94	27,836
Others	94	—	—	Pots	33,218	99	1.89	62,912
Foliage Plants								86,811
Hanging Baskets	68	—	—	Baskets	4,711	98	3.33	15,688
Potted Foliage	132	—	18,952	—	—	92	—	71,123
Bedding/Garden Plants								211,549
Flats	—	—	—	—	—	—	—	162,014
Geraniums	35	—	—	Flats	311	100	10.40	3,234
Impatiens	79	—	—	Flats	2,168	100	7.45	16,152
New Guinea Impatiens	17	—	—	Flats	42	99	10.01	420
Petunias	75	—	—	Flats	1,368	99	7.56	10,342
Other Flowering and Foliar	95	—	—	Flats	15,526	99	7.70	119,550
Vegetable Type	58	—	—	Flats	1,461	99	8.43	12,316
Potted	—	—	—	—	—	—	—	42,309
Hardy/Garden	—	—	—	—	—	—	—	—
Chrysanthemums	38	—	—	Pots	3,545	100	0.96	3,416
Geraniums (Cutting)	51	—	—	Pots	2,151	100	1.79	3,858
Geraniums (Seed)	30	—	—	Pots	486	93	1.23	599
Impatiens	61	—	—	Pots	4,566	83	0.78	3,583
New Guinea Impatiens	37	—	—	Pots	750	93	1.57	1,176
Petunias	38	—	—	Pots	1,190	86	0.69	818
Other Flowering and Foliar	103	—	—	Pots	18,939	89	1.40	26,569
Vegetable Type	36	—	—	Pots	2,890	98	0.79	2,290
Hanging Baskets	—	—	—	—	—	—	—	7,226
Geraniums	40	—	—	Baskets	121	94	6.57	795
Impatiens	34	—	—	Baskets	122	93	4.58	559
New Guinea Impatiens	25	—	—	Baskets	177	88	6.22	1,101
Petunias	23	—	—	Baskets	43	89	6.22	267
Other Flowering	51	—	—	Baskets	831	89	5.42	4,504
Total Cut Cultivated Greens ^{4/}								16,548
TOTAL ALL PLANTS ^{5/}	1,210	—	—	—	—	—	—	767,166

^{1/} The total covered growing area of 139,778,000 square feet consisted of the following: 19,610,000 square feet of shade and temporary cover; 15,693,000 square feet of glass; 45,021,000 square feet of fiberglass and other rigid greenhouses; and 59,454,000 square feet of film plastic (single/multi) greenhouses. In addition, plants were produced on 9,386 acres of open ground.

^{2/} For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

^{3/} Total includes Gladioli, which are not published to avoid disclosure of individual operations.

^{4/} Total includes Leatherleaf Ferns, which are not published to avoid disclosure of individual operations.

^{5/} Based on equivalent wholesale value of all sales for all crops, except potted foliage plants which are based on net value of sales.

Floriculture Production and Value, 1998 ^{1/}

Kind	Number of Producers	Plants Grown	Production Area	Sales			Wholesale Price ^{2/}	Value of Sales at Wholesale
				Unit	Number Sold	At Wholesale		
				<i>1,000</i>	<i>1,000</i>	<i>Percent</i>		
	<i>Number</i>	<i>1,000</i>	<i>1,000 Sq. Ft.</i>				<i>Dollars</i>	<i>\$1,000</i>
Cut Flowers ^{3/}								266,683
Carnations	—	9,480	8,061	—	—	—	—	13,547
Standard	49	5,582	5,002	Blooms	56,360	94	0.14	8,172
Miniature	57	3,898	3,059	Bunches	3,839	96	1.40	5,375
Chrysanthemums	—	33,914	10,169	—	—	—	—	21,911
Standard	22	11,813	4,040	Blooms	12,116	85	0.52	6,240
Pompon	39	22,101	6,129	Bunches	12,339	99	1.27	15,671
Roses	—	11,773	23,959	—	—	—	—	64,227
Hybrid Tea	67	10,410	21,263	Blooms	189,422	96	0.30	57,016
Sweetheart	34	1,363	2,696	Blooms	36,603	100	0.20	7,211
Others	226	—	190,936	—	—	94	—	159,774
Potted Flowering Plants								146,288
African Violets	13	—	—	Pots	1,927	98	0.98	1,899
Chrysanthemums	17	—	—	Pots	4,719	100	2.29	10,823
Cyclamens	65	—	—	Pots	2,178	91	2.48	5,899
Finished Florist Azaleas	21	—	—	Pots	1,103	97	5.03	5,545
Kalanchoes	26	—	—	Pots	2,517	99	2.50	6,291
Easter Lilies	29	—	—	Pots	862	91	3.79	3,270
Orchids	43	—	—	Pots	2,111	87	11.03	23,286
Poinsettias	90	—	—	Pots	6,778	93	4.01	27,196
Others	93	—	—	Pots	21,022	98	2.95	62,079
Foliage Plants								90,375
Hanging Baskets	32	—	—	Baskets	177	98	2.66	5,062
Potted Foliage	129	—	20,674	—	—	92	—	85,313
Bedding/Garden Plants								216,671
Flats								113,272
Geraniums	20	—	—	Flats	125	96	10.65	1,331
Impatiens	66	—	—	Flats	1,338	97	8.77	11,734
New Guinea Impatiens	11	—	—	Flats	45	100	10.07	453
Petunias	62	—	—	Flats	971	98	9.54	9,263
Other Flowering and Foliar	85	—	—	Flats	7,521	87	10.77	81,001
Vegetable Type	40	—	—	Flats	1,076	97	8.82	9,490
Potted								93,376
Hardy/Garden								
Chrysanthemums	32	—	—	Pots	3,742	100	1.19	4,439
Geraniums (Cutting)	61	—	—	Pots	6,777	99	1.21	8,214
Geraniums (Seed)	28	—	—	Pots	389	96	1.12	438
Impatiens	58	—	—	Pots	4,905	89	0.71	3,484
New Guinea Impatiens	48	—	—	Pots	958	95	1.44	1,374
Petunias	36	—	—	Pots	1,966	96	0.60	1,181
Other Flowering and Foliar	128	—	—	Pots	43,288	93	1.57	68,034
Vegetable Type	41	—	—	Pots	6,816	99	0.91	6,212
Hanging Baskets								10,023
Geraniums	43	—	—	Baskets	165	95	7.04	1,162
Impatiens	30	—	—	Baskets	109	94	5.81	633
New Guinea Impatiens	26	—	—	Baskets	203	97	6.18	1,255
Petunias	20	—	—	Baskets	73	96	6.07	443
Other Flowering	62	—	—	Baskets	1,166	89	5.60	6,530
Total Cut Cultivated Greens ^{4/}								19,754
TOTAL ALL PLANTS ^{5/}								739,771

^{1/} The total covered growing area of 150,596,000 square feet consisted of the following: 16,979,000 square feet of shade and temporary cover; 20,385,000 square feet of glass; 43,220,000 square feet of fiberglass and other rigid greenhouses; and 70,012,000 square feet of film plastic (single/multi) greenhouses. In addition, plants were produced on 11,062 acres of open ground.

^{2/} For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

^{3/} Total includes Gladioli, which are not published to avoid disclosure of individual operations.

^{4/} Total includes Leatherleaf Ferns, which are not published to avoid disclosure of individual operations.

^{5/} Based on equivalent wholesale value of all sales for all crops, except potted foliage plants which are based on net value of sales.

FRUIT AND NUT CROPS

Summary of Fruit and Nut Crops

California produced 13.9 million tons of fruit and nut crops in 1998, 12% less than in 1997. The Golden State grew 39% of U.S. fruit and nut production in 1998, down from 43% in the previous year. The total value of fruit and nut production was \$6.50 billion in 1998, down 16% from 1997. This was 58% of the U.S. total value. Record values of production were set for avocados, all oranges, and strawberries. The top value fruit and nut crops in California in 1998 were grapes at \$2.40 billion, strawberries at \$783 million, and almonds at \$669 million. California accounts for nearly all of the U.S. production of dates, figs, kiwifruit, nectarines, olives, almonds, pistachios, and English walnuts.

California dominates U.S. production of apricots, avocados, grapes, lemons, plums, prunes, and strawberries. Several crops had major changes in production from 1997 to 1998. They include the following changes: apples, down 15%; cherries, down 69%; grapes, down 19%; plums, down 24%; prunes, down 48%; almonds, down 32%; pecans, down 43%; and walnuts, down 16%. Only dates, kiwifruit, grapefruit, oranges, pistachios, and strawberries increased production.

Precipitation during the winter and spring months was well above normal, which hampered cultural activities. Temperatures in January and February were generally above normal and many of the crops did not receive the desired chilling degrees necessary for good crop dormancy. Extremely wet and windy weather in February raised havoc for growers. Pruning, spraying, and tying vines were among the cultural activities that were delayed. Almonds and the early stone fruit trees were in bloom, but the bees had difficulty pollinating. Many growers could not enter their orchards due to the extremely wet soil. March was a much drier month and this allowed growers to catch up on their cultural activities in orchards and vineyards. By the end of the month, most of the trees were past bloom and leafing out. April was also fairly dry, which helped speed the maturity of the stone fruit crops. Heavy rain and cool temperatures in May delayed the development of the fruit and nut crops. Cherry growers lost most of their fruit due to splits because of the rain. Almond growers were concerned about anthracnose showing up in their orchards. Some yellow leaves appeared, suggesting waterlogged roots. Strawberries also suffered from the wet weather with fungi and crop loss rampant. Many strawberries that were salvaged went for juice. Warmer weather during the summer months hastened maturity, but many of the stone fruits were plagued by brown rot, mold, and split pits. Very high temperatures in August caused sunburn damage to walnuts. The quality of most fruit and nut crops was below normal. Most crop development was late, but the weather during the fall remained open and most crops were harvested without any significant weather problems.

The citrus crops fared much better than the non-citrus fruit and nuts. The fruit quality and size were above average and good crops were realized.

NOTES FOR USERS

Total production is the quantity actually harvested, plus unharvested quantities that would have been acceptable for fresh market or processing, but were not harvested. It also includes fruit harvested, but not sold due to marketing conditions. **Utilized production** is the amount sold, plus the quantities used at home or held in storage. **Crop year production** for citrus and avocados are from the bloom of the first year shown. For example, 1997-98 would represent the 1998 production from the 1997 bloom.

Utilization refers to the first, but not necessarily final, utilization. For example, frozen fruit used for preserves is included as frozen. **Canned** includes all canned products -- jam, jelly, baby food, nectar, juice, puree, and all fruit packs combined.

The price quoted is at the packinghouse door, which includes the transportation costs. Drying costs are excluded from prices on all fruit crops, except grapes. **Crop value** estimates cover the marketing season or crop year and should not be confused with **cash receipts** from these crops, which are calculated on a single calendar year. The season average price is applied to utilized production to compute **value of production**.

Price and value for citrus fruits are based on equivalent packinghouse door returns for the entire data series. The processing price for berries is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, F.O.B. shipping point.

Berry Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Cwt. ^{1/}	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>\$1,000</i>
Boysenberries	1989	460	93	43	121.70	5,232
	1990	450	80	36	88.00	3,168
	1991	---	---	---	---	---
	1992	200	85	17	91.10	1,548
	1993	250	90	23	88.00	1,980
	1994	250	80	20	75.50	1,510
	1995	270	67	18	95.00	1,710
	1996	270	89	24	93.70	2,248
	1997	270	91	25	66.70	1,642
	1998	250	70	18	79.20	1,386
Olallieberries	1989	200	80	16	78.50	1,256
	1990	200	110	22	80.00	1,760
	1991	---	---	---	---	---
	1992	---	---	---	---	---
	1993	---	---	---	---	---
	1994	---	---	---	---	---
	1995	---	---	---	---	---
	1996	---	---	---	---	---
	1997	---	---	---	---	---
	1998	---	---	---	---	---
Raspberries	1989	1,400	104	145	165.40	23,978
	1990	1,700	104	177	165.00	29,228
	1991	---	---	---	---	---
	1992	1,600	165	264	183.00	48,276
	1993	1,850	142	263	148.00	39,000
	1994	1,900	111	210	143.00	30,000
	1995	1,900	81	153	152.00	23,325
	1996	1,800	83	149	171.00	25,520
	1997	1,700	85	145	139.00	20,225
	1998	1,700	87	148	192.00	28,470
Strawberries, Fresh Market	1989	---	---	6,570	49.30	323,901
	1990	---	---	6,705	52.00	338,603
	1991	---	---	7,652	50.90	389,487
	1992	---	---	7,630	59.20	451,696
	1993	---	---	7,736	46.80	362,045
	1994	---	---	9,016	59.10	532,846
	1995	---	---	9,048	57.40	519,355
	1996	---	---	9,989	52.50	524,423
	1997	---	---	9,618	61.40	590,545
	1998	---	---	9,386	68.70	644,818
Strawberries, Processing	1989	---	---	2,100	23.00	48,300
	1990	---	---	3,165	25.00	79,125
	1991	---	---	3,320	22.90	76,028
	1992	---	---	2,690	22.80	61,332
	1993	---	---	3,685	26.00	95,810
	1994	---	---	4,265	26.90	114,729
	1995	---	---	3,932	23.40	92,003
	1996	---	---	3,619	16.70	60,437
	1997	---	---	3,716	25.80	95,873
	1998	---	---	4,650	29.70	138,105
Strawberries, All	1989	20,400	425	8,670	42.90	372,201
	1990	21,000	470	9,870	43.30	417,728
	1991	21,100	520	10,972	42.40	465,515
	1992	24,000	430	10,320	49.70	513,028
	1993	25,100	455	11,421	40.10	457,855
	1994	23,300	570	13,281	48.80	647,575
	1995	23,600	550	12,980	47.10	611,358
	1996	25,200	540	13,608	43.00	584,860
	1997	22,600	590	13,334	51.50	686,418
	1998	24,200	580	14,036	55.80	782,923

^{1/} The processed value is based on equivalent returns at the processing plant door. The fresh market value is on a packed and loaded basis, F.O. B. shipping point.

Strawberry Monthly and Season Average Prices, 1989-98 ^{1/}

Fresh Sales	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season Average
		<i>Dollars Per Cwt.</i>												
	1989	---	110.00	95.00	45.00	35.00	55.00	30.00	35.00	65.00	95.00	175.00	---	49.30
	1990	150.00	115.00	115.00	50.00	35.00	45.00	40.00	50.00	55.00	75.00	100.00	125.00	52.00
	1991	---	110.00	100.00	60.00	50.00	35.00	45.00	35.00	35.00	55.00	110.00	---	50.90
	1992	135.00	95.00	85.00	50.00	41.00	64.20	49.30	89.20	61.10	70.70	115.00	---	59.20
	1993	102.00	80.20	57.70	42.40	38.30	42.50	31.60	46.90	48.90	64.20	93.70	---	46.80
	1994	77.90	99.00	94.40	57.50	56.40	50.40	49.30	49.00	46.60	82.40	89.90	---	59.10
	1995	65.50	67.00	65.50	57.60	66.90	53.10	50.70	63.30	41.50	49.70	115.00	---	57.40
	1996	---	80.30	76.70	38.50	45.60	65.00	44.10	54.80	61.50	40.70	---	---	52.50
	1997	116.00	98.30	85.80	42.70	54.30	74.80	56.20	53.10	67.50	69.80	---	---	61.40
	1998	120.00	147.00	86.50	67.50	67.40	54.60	56.30	65.00	59.00	80.20	116.00	---	55.80

^{1/} Prices are F.O.B. shipping point.

Citrus Fruit Acreage, Production, and Value, 1989-98

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit ^{1/}	Total Value
		<i>Acres</i>	<i>Acres</i>	<i>Cartons</i>	<i>1,000 Cartons</i>	<i>Dollars</i>	<i>\$1,000</i>
Grapefruit, All (Net weight per carton: 33.5 pounds)	88-89	19,900	1,800	804	16,000	3.11	49,459
	89-90	19,200	2,100	979	18,800	4.01	75,457
	90-91	18,300	2,400	874	16,000	3.20	51,128
	91-92	18,500	2,400	1,082	20,000	3.06	61,120
	92-93	17,800	2,600	1,034	18,400	2.46	45,089
	93-94	18,000	---	1,034	18,600	2.72	50,579
	94-95	18,400	---	1,010	18,600	2.82	52,420
	95-96	18,800	---	862	16,200	3.29	53,277
	96-97	18,000	---	912	16,400	3.21	52,679
	97-98	16,600	1,800	952	16,000	4.21	67,330
Lemons (Net weight per carton: 38 pounds)	88-89	48,400	800	669	32,400	6.19	200,524
	89-90	47,800	1,400	661	31,600	7.60	239,979
	90-91	46,700	1,600	634	29,600	8.19	242,269
	91-92	46,400	1,900	650	30,200	6.32	190,894
	92-93	46,400	2,100	880	40,800	4.97	202,827
	93-94	45,500	---	910	41,400	5.00	207,020
	94-95	45,700	---	876	40,000	5.66	226,120
	95-96	46,400	---	906	42,000	5.20	218,544
	96-97	47,400	---	954	45,200	6.06	274,125
	97-98	48,700	6,500	862	42,000	5.16	216,659
Oranges, Navel & Misc. (Net weight per carton: 37.5 pounds)	88-89	108,000	9,200	630	68,000	3.79	257,328
	89-90	106,000	10,200	836	88,600	4.02	355,661
	90-91	109,000	10,000	290	31,600	5.04	159,330
	91-92	112,000	9,800	626	70,200	4.36	305,811
	92-93	114,000	10,600	768	87,600	3.16	277,008
	93-94	114,000	---	642	73,200	3.99	291,807
	94-95	118,000	---	594	70,000	3.91	273,750
	95-96	121,000	---	628	76,000	3.68	279,300
	96-97	124,000	---	646	80,000	4.68	373,890
	97-98	127,000	8,300	692	88,000	4.42	388,870
Oranges, Valencia (Net weight per carton: 37.5 pounds)	88-89	69,600	4,600	716	49,800	4.12	204,936
	89-90	69,100	4,800	784	54,200	3.68	199,394
	90-91	69,400	5,500	282	19,600	10.87	212,954
	91-92	69,800	6,400	926	64,600	1.99	128,183
	92-93	70,000	6,000	658	46,000	4.24	195,002
	93-94	71,000	---	760	54,000	3.16	170,760
	94-95	73,000	---	576	42,000	4.74	199,042
	95-96	75,000	---	533	40,000	5.26	210,190
	96-97	76,000	---	632	48,000	4.39	210,370
	97-98	73,200	4,800	683	50,000	4.52	225,740
Oranges, All (Net weight per carton: 37.5 pounds)	88-89	177,600	13,800	663	117,800	3.93	462,264
	89-90	175,100	15,000	816	142,800	3.89	555,055
	90-91	178,400	15,500	286	51,200	7.27	372,284
	91-92	181,800	16,200	742	134,800	3.22	433,994
	92-93	184,000	16,600	726	133,600	3.54	472,010
	93-94	185,000	---	688	127,200	3.64	462,567
	94-95	191,000	---	586	112,000	4.22	472,792
	95-96	196,000	---	592	116,000	4.22	489,490
	96-97	200,000	---	640	128,000	4.57	584,260
	97-98	200,200	13,100	690	138,000	4.46	614,610
Tangerines (Including Mandarins and Hybrids, Tangelos and Tangors) (Net weight per carton: 37.5 pounds)	88-89	8,000	1,200	510	4,080	7.04	28,733
	89-90	7,300	1,500	452	3,300	9.45	31,193
	90-91	7,600	1,400	356	2,700	9.09	24,528
	91-92	7,800	1,400	626	4,880	7.25	35,357
	92-93	7,700	1,300	546	4,200	6.00	25,186
	93-94	8,000	---	576	4,600	5.58	25,651
	94-95	8,600	---	582	5,000	7.09	35,452
	95-96	8,800	---	590	5,200	5.42	28,184
	96-97	8,700	---	598	5,200	7.56	39,298
	97-98	8,800	1,900	546	4,800	5.74	27,530

^{1/} Equivalent packinghouse door returns.

Citrus Fruit Sales by Utilization and Value Per Carton, 1989-98

Crop	Crop Year	All Sales		Fresh Market		Processing	
		Quantity	Value 1/	Quantity	Value 1/	Quantity	Value 1/
		1,000 Cartons	\$/Carton	1,000 Cartons	\$/Carton	1,000 Cartons	\$/Carton
Grapefruit, All 2/ (Net weight per carton: 33.5 pounds)	88-89	16,000	3.11	11,000	4.50	5,000	0.06
	89-90	18,800	4.01	12,000	6.11	6,800	0.30
	90-91	16,000	3.20	10,400	4.97	5,600	(0.08)
	91-92	20,000	3.06	12,800	4.56	7,200	0.40
	92-93	18,400	2.46	11,400	4.08	7,000	(0.17)
	93-94	18,600	2.72	12,160	4.16	6,440	(0.01)
	94-95	18,600	2.82	11,820	4.56	6,780	(0.22)
	95-96	16,200	3.29	12,000	4.48	4,200	(0.12)
	96-97	16,400	3.21	12,120	4.38	4,280	(0.10)
97-98	16,000	4.21	11,088	6.13	4,912	(0.13)	
Lemons (Net weight per carton: 38 pounds)	88-89	32,400	6.19	20,600	9.19	11,800	0.95
	89-90	31,600	7.60	21,000	10.63	10,600	1.59
	90-91	29,600	8.19	18,780	12.16	10,820	1.29
	91-92	30,200	6.32	18,180	9.93	12,020	0.87
	92-93	40,800	4.97	19,800	9.22	21,000	0.97
	93-94	41,400	5.00	19,000	10.10	22,400	0.68
	94-95	40,000	5.66	21,800	9.93	18,200	0.53
	95-96	42,000	5.20	21,600	9.23	20,400	0.94
	96-97	45,200	6.06	23,080	10.43	22,120	1.51
97-98	42,000	5.16	19,840	9.58	22,160	1.20	
Oranges, Navel & Misc. (Net weight per carton: 37.5 pounds)	88-89	68,000	3.79	51,800	4.68	16,200	0.92
	89-90	88,600	4.02	64,600	4.84	24,000	1.81
	90-91	31,600	5.04	18,400	8.34	13,200	0.45
	91-92	70,200	4.36	53,000	5.53	17,200	0.76
	92-93	87,600	3.16	65,400	4.30	22,200	(0.18)
	93-94	73,200	3.99	58,200	5.01	15,000	0.02
	94-95	70,000	3.91	53,000	5.21	17,000	(0.14)
	95-96	76,000	3.68	58,000	4.89	18,000	(0.24)
	96-97	80,000	4.68	69,000	5.39	11,000	0.18
97-98	88,000	4.42	73,000	5.29	15,000	0.18	
Oranges, Valencia (Net weight per carton: 37.5 pounds)	88-89	49,800	4.12	29,400	5.68	20,400	1.86
	89-90	54,200	3.68	29,600	5.37	24,600	1.65
	90-91	19,600	10.87	14,000	14.98	5,600	0.59
	91-92	64,600	1.99	29,700	3.84	34,900	0.41
	92-93	46,000	4.24	32,800	5.92	13,200	0.08
	93-94	54,000	3.16	34,000	5.04	20,000	(0.03)
	94-95	42,000	4.74	35,200	5.70	6,800	(0.24)
	95-96	40,000	5.26	31,000	6.85	9,000	(0.24)
	96-97	48,000	4.39	34,000	5.65	14,000	1.31
97-98	50,000	4.52	38,000	5.50	12,000	1.40	
Oranges, All (Net weight per carton: 37.5 pounds)	88-89	117,800	3.93	81,200	5.04	36,600	1.45
	89-90	142,800	3.89	94,200	5.00	48,600	1.73
	90-91	51,200	7.27	32,400	11.21	18,800	0.49
	91-92	134,800	3.22	82,700	4.92	52,100	0.52
	92-93	133,600	3.54	98,200	4.84	35,400	(0.08)
	93-94	127,200	3.64	92,200	5.02	35,000	(0.01)
	94-95	112,000	4.22	88,200	5.41	23,800	(0.17)
	95-96	116,000	4.22	89,000	5.58	27,000	(0.24)
	96-97	128,000	4.57	103,000	5.48	25,000	0.81
97-98	138,000	4.46	111,000	5.36	27,000	0.72	
Tangerines (Including Mandarins and Hybrids, Tangelos, and Tangors) (Net weight per carton: 37.5 pounds)	88-89	4,080	7.04	2,950	9.33	1,130	1.07
	89-90	3,300	9.45	2,480	12.12	820	1.40
	90-91	2,700	9.09	1,850	13.13	850	0.29
	91-92	4,880	7.25	3,360	10.29	1,520	0.52
	92-93	4,200	6.00	2,930	8.72	1,270	(0.28)
	93-94	4,600	5.58	3,200	8.04	1,400	(0.06)
	94-95	5,000	7.09	3,400	10.50	1,600	(0.16)
	95-96	5,200	5.42	3,600	7.90	1,600	(0.16)
96-97	5,200	7.55	4,240	9.30	960	(0.14)	
97-98	4,800	5.74	3,296	8.35	1,504	0.01	

1/ Equivalent packinghouse door returns.

2/ Estimates for "Grapefruit, Desert" and "Grapefruit, Other" were combined to "Grapefruit, All" starting in 1995-96. Season average values for all grapefruit are derived by weighting the season average value for each area by their carton weights. Prior to 1993-94, net weight per carton for Desert Valley was 32 pounds.

Citrus Fruit Monthly and Season Average Prices, 1989-98

Tangerines	Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Season Average	
		<i>Dollars Per Carton</i>													
Fresh Sales	88-89	---	14.98	11.43	9.38	9.63	8.43	6.43	6.63	6.63	---	---	---	9.33	
	89-90	---	16.66	14.36	13.21	14.26	9.86	9.11	9.56	---	---	---	---	12.12	
	90-91	---	13.79	11.59	12.34	12.99	15.84	14.44	14.39	---	---	---	---	13.13	
	91-92	19.99	16.59	9.99	9.09	7.69	7.59	7.79	7.44	7.44	---	---	---	10.29	
	92-93	13.92	8.52	8.07	8.17	8.27	9.52	9.22	---	---	---	---	---	8.72	
	93-94	13.69	10.24	7.29	6.09	7.09	7.34	7.34	5.79	---	---	---	---	8.04	
	94-95	13.95	10.40	7.85	9.30	10.75	11.25	13.25	13.25	13.25	---	---	---	---	10.50
	95-96	14.45	9.80	7.10	5.40	6.10	6.95	6.85	6.15	---	---	---	---	---	7.90
	96-97	15.00	10.65	8.45	9.35	8.25	7.05	8.05	6.90	---	---	---	---	---	9.30
	97-98	15.45	10.25	8.85	8.00	6.40	7.15	7.55	(0.25)	(0.40)	---	---	---	---	8.35
Processing	88-89	---	---	1.07	1.07	1.07	1.07	1.07	1.07	1.07	---	---	---	1.07	
	89-90	---	0.67	0.93	1.35	1.53	1.55	1.67	1.67	1.67	---	---	---	1.40	
	90-91	---	0.26	0.26	0.26	0.26	0.26	0.26	0.26	---	---	---	---	0.29	
	91-92	---	0.41	0.46	0.62	0.62	0.53	0.38	0.38	0.46	---	---	---	0.52	
	92-93	(0.28)	(0.28)	(0.28)	(0.28)	(0.28)	(0.28)	(0.28)	(0.20)	---	---	---	---	(0.28)	
	93-94	(0.16)	(0.24)	(0.24)	(0.20)	---	0.08	(0.09)	(0.09)	---	---	---	---	(0.06)	
	94-95	(0.16)	(0.16)	(0.08)	(0.08)	(0.16)	(0.21)	(0.25)	(0.25)	(0.25)	---	---	---	(0.16)	
	95-96	---	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	---	---	---	---	(0.16)	
	96-97	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	---	---	---	---	---	(0.14)	
	97-98	(0.14)	(0.14)	(0.14)	(0.04)	0.10	0.33	0.33	0.33	0.33	---	---	---	---	0.01
All Sales	88-89	---	14.98	9.71	8.76	7.40	5.53	4.56	2.79	2.59	---	---	---	7.04	
	89-90	---	11.86	12.02	12.22	10.68	7.54	6.63	7.58	1.67	---	---	---	9.45	
	90-91	---	10.23	10.01	10.89	2.30	10.55	9.72	7.33	---	---	---	---	9.09	
	91-92	19.99	15.92	9.69	7.15	4.76	4.02	4.32	4.41	1.85	---	---	---	7.25	
	92-93	11.68	7.30	6.11	5.04	5.12	6.31	1.63	(0.20)	---	---	---	---	6.00	
	93-94	12.06	9.59	6.43	3.51	4.39	3.71	4.37	3.83	---	---	---	---	5.58	
	94-95	9.25	7.76	5.69	5.28	7.12	7.43	6.50	6.50	10.55	---	---	---	7.09	
	95-96	14.45	8.66	6.19	3.72	3.19	3.11	3.34	4.04	---	---	---	---	5.42	
	96-97	12.47	8.55	6.69	7.85	6.49	5.71	7.30	6.90	---	---	---	---	7.55	
	97-98	10.25	7.33	5.32	5.29	4.80	5.32	5.88	(0.02)	(0.15)	---	---	---	5.74	

Non-Citrus Fruit Acreage, Production, and Value, 1989-98

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit 1/	Total Value
		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>\$/1,000</i>
Apples	1989	29,900	3,000	11.30	337,500	300.00	101,023
	1990	31,400	2,900	12.40	390,000	312.00	121,700
	1991	31,800	2,200	12.60	400,000	420.00	167,950
	1992	33,800	2,000	12.45	420,000	406.00	170,160
	1993	34,700	4,200	12.70	440,000	314.00	138,320
	1994	34,900	4,700	15.05	525,000	266.00	139,300
	1995	35,000	4,300	12.15	425,000	366.00	155,750
	1996	38,000	---	12.50	475,000	332.00	158,050
	1997	38,500	---	12.50	481,000	338.00	162,655
	1998	37,000	---	11.00	407,500	300.00	122,545
Apricots	1989	17,400	3,000	6.78	118,000	323.00	37,821
	1990	16,900	3,200	6.80	115,000	323.00	36,536
	1991	17,300	2,600	5.20	90,000	374.00	32,183
	1992	18,100	2,700	5.47	99,000	328.00	32,458
	1993	19,300	1,500	4.61	89,000	363.00	32,288
	1994	19,800	---	7.32	145,000	331.00	43,700
	1995	19,800	---	2.73	54,000	387.00	20,913
	1996	20,200	---	3.76	76,000	403.00	30,663
	1997	20,000	---	6.60	132,000	308.00	37,673
	1998	20,000	---	5.65	113,000	311.00	31,895
Avocados	88-89	75,200	700	2.19	165,000	1,260.00	207,900
	89-90	75,000	600	1.40	105,000	2,280.00	239,400
	90-91	74,200	400	1.83	136,000	1,410.00	191,760
	91-92	73,500	400	2.12	156,000	1,170.00	182,520
	92-93	72,900	300	3.90	284,000	400.00	113,600
	93-94	66,900	---	2.08	139,000	1,810.00	251,590
	94-95	61,300	---	2.53	155,000	1,480.00	229,894
	95-96	61,100	---	2.80	171,000	1,370.00	234,831
	96-97	59,900	---	2.79	167,000	1,560.00	260,162
	97-98	59,900	---	2.57	154,000	1,710.00	263,473
Cherries, Sweet	1989	10,300	2,400	2.52	26,000	939.00	24,418
	1990	10,600	2,700	2.08	22,000	891.00	19,610
	1991	10,800	2,600	3.33	36,000	957.00	34,434
	1992	11,200	3,000	2.77	31,000	1,240.00	38,342
	1993	11,700	2,700	1.62	19,000	2,270.00	43,203
	1994	13,500	---	3.85	52,000	1,220.00	63,512
	1995	15,000	---	1.32	19,800	2,100.00	41,540
	1996	16,500	---	1.49	24,600	1,850.00	45,430
	1997	17,000	---	2.89	49,200	1,290.00	63,375
	1998	17,500	---	0.88	15,400	1,560.00	23,978
Dates	1989	5,000	1,000	4.40	22,000	1,040.00	22,880
	1990	5,000	900	4.80	24,000	820.00	19,680
	1991	5,200	600	4.23	22,000	970.00	21,340
	1992	5,300	400	3.96	21,000	1,060.00	22,260
	1993	5,500	200	5.27	29,000	790.00	22,910
	1994	5,500	---	4.18	23,000	750.00	17,250
	1995	5,200	---	4.37	22,700	780.00	17,706
	1996	4,680	---	4.91	23,000	1,090.00	25,070
	1997	4,800	---	4.38	21,000	1,100.00	23,100
	1998	4,900	---	4.53	22,200	1,130.00	25,086

Non-Citrus Fruit Acreage, Production, and Value, 1989-98

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit 1/	Total Value
		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>\$/1,000</i>
Figs	1989	16,900	50	2.84	48,000	379.00	18,198
	1990	16,700	300	2.97	49,600	350.00	17,370
	1991	16,000	400	2.82	45,100	369.00	16,626
	1992	14,400	500	3.26	46,900	405.00	18,985
	1993	14,200	500	4.27	60,700	401.00	24,341
	1994	14,600	---	3.88	56,700	419.00	23,768
	1995	14,700	---	3.56	52,400	314.00	16,429
	1996	15,400	---	2.95	45,500	283.00	12,894
	1997	16,400	---	3.51	57,500	265.00	15,209
	1998	16,300	---	3.11	50,700	248.00	12,579
Grapes, Raisin <u>2/</u> <u>3/</u>	1989	271,000	7,000	9.48	2,570,000	258.00	663,880
	1990	270,000	8,000	8.69	2,345,000	237.00	554,901
	1991	266,000	10,100	8.80	2,165,000	247.00	535,127
	1992	267,000	10,100	10.50	2,670,000	230.00	614,595
	1993	266,000	10,700	9.57	2,354,000	255.00	599,404
	1994	270,000	10,200	8.85	2,389,000	229.00	547,002
	1995	268,000	9,500	9.27	2,252,000	234.00	526,297
	1996	270,000	7,800	8.12	2,192,000	281.00	614,940
	1997	270,000	5,300	10.68	2,883,000	262.00	756,405
	1998	275,000	6,000	7.85	2,158,000	274.00	590,538
Grapes, Table	1989	80,700	8,700	7.81	630,000	449.00	283,005
	1990	78,000	9,300	8.27	645,000	429.00	276,874
	1991	75,500	9,900	8.21	620,000	438.00	271,700
	1992	77,300	7,000	8.34	645,000	356.00	229,630
	1993	77,800	6,400	8.12	632,000	574.00	362,544
	1994	78,000	8,100	7.72	602,000	515.00	310,022
	1995	79,000	11,600	8.95	707,000	523.00	370,097
	1996	80,000	14,800	7.40	592,000	650.00	384,505
	1997	81,000	13,100	10.19	825,000	448.00	369,420
	1998	83,000	15,000	7.77	645,000	497.00	320,847
Grapes, Wine	1989	290,000	42,400	7.55	2,190,000	340.00	745,200
	1990	291,000	44,200	7.54	2,195,000	308.00	676,270
	1991	295,000	38,500	7.44	2,195,000	344.00	755,800
	1992	300,000	31,500	7.15	2,145,000	393.00	843,000
	1993	312,000	33,400	7.68	2,397,000	361.00	866,382
	1994	322,000	47,100	7.03	2,265,000	378.00	855,915
	1995	328,000	64,400	6.94	2,275,000	424.00	965,150
	1996	350,000	76,200	6.36	2,225,000	536.00	1,192,185
	1997	374,000	78,300	7.86	2,940,000	598.00	1,756,935
	1998	385,000	122,000	6.68	2,570,000	581.00	1,491,908
Grapes, All <u>2/</u> <u>5/</u>	1989	641,700	58,100	8.40	5,390,000	314.00	1,692,085
	1990	639,000	61,500	8.11	5,185,000	291.00	1,508,045
	1991	636,500	58,500	8.08	4,980,000	314.00	1,562,627
	1992	644,300	48,600	8.64	5,460,000	309.00	1,687,225
	1993	655,800	50,500	8.47	5,383,000	340.00	1,828,330
	1994	670,000	65,400	7.84	5,256,000	326.00	1,712,939
	1995	675,000	85,500	8.05	5,234,000	356.00	1,861,544
	1996	700,000	98,800	7.16	5,009,000	438.00	2,191,630
	1997	725,000	96,700	9.17	6,648,000	434.00	2,882,760
	1998	743,000	143,000	7.23	5,373,000	447.00	2,403,293

Non-Citrus Fruit Acreage, Production, and Value, 1989-98

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit 1/	Total Value
		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>\$/1,000</i>
Kiwifruit	1989	7,200	500	5.56	40,000	400.00	14,800
	1990	7,300	300	5.34	39,000	415.00	14,110
	1991	7,300	50	4.05	29,600	820.00	21,976
	1992	7,300	40	7.16	52,300	290.00	13,833
	1993	6,900	10	7.13	49,200	370.00	16,502
	1994	6,500	---	6.06	39,400	491.00	18,413
	1995	6,100	---	6.20	37,800	459.00	15,434
	1996	5,700	---	5.53	31,500	470.00	13,157
	1997	5,300	---	6.60	35,000	518.00	16,483
	1998	5,300	---	6.91	36,600	744.00	24,544
Nectarines	1989	24,400	4,200	9.02	220,000	398.00	87,645
	1990	25,500	4,300	9.10	232,000	474.00	109,999
	1991	26,400	4,700	8.14	215,000	402.00	86,457
	1992	26,500	9,300	8.91	236,000	312.00	73,710
	1993	28,000	8,300	7.32	205,000	500.00	102,421
	1994	31,000	---	7.81	242,000	282.00	68,168
	1995	34,000	---	5.18	176,000	534.00	93,990
	1996	35,000	---	7.06	247,000	474.00	116,977
	1997	36,000	---	7.33	264,000	375.00	98,895
	1998	35,500	---	6.48	230,000	472.00	108,502
Olives <u>4/</u>	1989	29,800	3,400	4.13	123,000	467.00	57,458
	1990	30,400	4,000	4.33	131,500	423.00	55,663
	1991	29,700	4,400	2.19	65,000	559.00	36,306
	1992	30,100	4,600	5.48	165,000	549.00	90,561
	1993	30,100	4,400	4.05	122,000	467.00	56,991
	1994	32,000	---	2.63	84,000	464.00	38,994
	1995	33,700	---	2.30	77,500	646.00	50,069
	1996	33,700	---	4.93	166,000	617.00	102,364
	1997	35,300	---	2.95	104,000	642.00	66,801
	1998	35,300	---	2.55	90,000	459.00	41,331
Peaches, Clingstone <u>4/</u>	1989	27,600	10,200	17.95	496,000	214.00	98,868
	1990	27,000	11,900	18.75	506,000	214.00	102,185
	1991	26,200	12,600	19.65	515,000	218.00	105,730
	1992	30,700	8,500	19.25	591,500	216.00	120,636
	1993	30,200	9,000	18.15	548,500	218.00	113,033
	1994	30,200	---	18.70	565,000	180.00	97,470
	1995	28,100	---	15.40	432,500	214.00	87,847
	1996	31,000	---	17.65	546,500	220.00	114,510
	1997	31,000	---	18.50	574,000	260.00	143,000
	1998	30,400	---	17.15	522,500	220.00	113,377
Peaches, Freestone	1989	27,000	3,900	10.15	274,500	308.00	84,804
	1990	27,600	3,600	10.85	300,000	340.00	102,120
	1991	28,200	3,500	11.10	313,500	264.00	82,914
	1992	28,800	6,400	11.15	321,000	248.00	79,510
	1993	29,500	5,400	10.20	301,500	298.00	90,072
	1994	30,100	---	10.55	317,000	214.00	67,918
	1995	32,500	---	7.70	251,000	372.00	93,175
	1996	34,300	---	9.85	337,000	434.00	146,306
	1997	35,200	---	10.50	369,500	244.00	89,937
	1998	36,100	---	9.85	355,000	318.00	113,146

Non-Citrus Fruit Acreage, Production, and Value, 1989-98

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit 1/	Total Value
		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>\$/1,000</i>
Peaches, All	1989	54,600	14,100	14.10	770,500	249.00	183,672
	1990	54,600	15,500	14.75	806,000	263.00	204,305
	1991	54,400	16,100	15.25	828,500	236.00	188,644
	1992	59,500	14,900	15.35	912,500	228.00	200,146
	1993	59,700	14,400	14.25	850,000	248.00	203,105
	1994	60,300	---	14.65	882,000	193.00	165,388
	1995	60,600	---	11.30	683,500	274.00	181,022
	1996	65,300	---	13.55	883,500	304.00	260,816
	1997	66,200	---	14.25	943,500	253.00	232,937
	1998	66,500	---	13.17	877,500	260.00	226,523
Pears, Bartlett	1989	20,900	200	14.30	298,000	265.00	79,040
	1990	20,200	200	15.50	314,000	242.00	75,867
	1991	20,200	200	14.90	300,000	252.00	75,624
	1992	20,200	100	15.60	315,000	238.00	74,970
	1993	19,900	100	14.50	288,000	237.00	68,287
	1994	19,500	---	17.10	333,000	183.00	60,904
	1995	18,400	---	13.40	247,000	212.00	52,453
	1996	17,500	---	16.40	287,000	267.00	76,594
	1997	15,600	---	18.10	282,000	263.00	74,054
	1998	15,000	---	18.50	277,000	246.00	68,121
Pears, Other	1989	2,600	2,100	6.54	17,000	365.00	6,210
	1990	3,100	2,100	5.81	18,000	410.00	7,381
	1991	3,200	1,700	5.31	17,000	458.00	7,779
	1992	3,700	1,400	6.22	23,000	356.00	8,186
	1993	4,200	900	4.76	20,000	528.00	10,561
	1994	4,800	---	6.25	30,000	281.00	8,423
	1995	4,600	---	4.35	20,000	537.00	10,734
	1996	4,500	---	6.67	30,000	500.00	15,000
	1997	4,400	---	6.82	30,000	371.00	11,130
	1998	4,300	---	6.98	30,000	436.00	13,080
Pears, All	1989	23,500	2,300	13.40	315,000	271.00	85,250
	1990	23,300	2,300	14.20	332,000	251.00	83,248
	1991	23,400	1,900	13.50	317,000	263.00	83,403
	1992	23,900	1,500	14.10	338,000	246.00	83,156
	1993	24,100	1,000	12.80	308,000	256.00	78,848
	1994	24,300	---	14.90	363,000	191.00	69,327
	1995	23,000	---	11.60	267,000	237.00	63,187
	1996	22,000	---	14.40	317,000	289.00	91,594
	1997	20,000	---	15.60	312,000	273.00	85,184
	1998	19,300	---	15.90	307,000	264.00	81,201
Plums	1989	41,100	4,000	5.26	216,000	445.00	96,146
	1990	41,800	3,300	5.33	223,000	603.00	134,412
	1991	42,400	2,600	5.14	218,000	449.00	97,894
	1992	42,400	1,700	5.90	250,000	252.00	63,033
	1993	41,200	3,500	4.49	185,000	508.00	93,954
	1994	41,600	---	5.94	247,000	321.00	79,358
	1995	42,000	---	2.95	124,000	950.00	117,849
	1996	42,600	---	5.35	228,000	420.00	95,831
	1997	42,000	---	5.86	246,000	312.00	76,825
	1998	42,000	---	4.45	187,000	529.00	98,845

Non-Citrus Fruit Acreage, Production, and Value, 1989-98

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit 1/	Total Value
		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>\$/1,000</i>
Prunes (Dried Basis) 5/	1989	77,400	6,500	2.92	226,000	779.00	176,054
	1990	80,100	5,800	1.84	147,000	873.00	128,331
	1991	80,200	6,500	2.33	187,000	940.00	175,780
	1992	80,400	8,000	2.29	184,000	1,030.00	189,520
	1993	83,000	11,000	1.46	121,000	1,120.00	135,520
	1994	84,000	18,800	2.30	193,000	1,090.00	210,370
	1995	83,500	23,200	2.17	181,000	1,040.00	188,240
	1996	85,000	23,700	2.62	223,000	839.00	187,097
	1997	82,000	21,300	2.61	214,000	798.00	163,590
	1998	83,000	22,500	1.30	108,000	836.00	86,108
Miscellaneous	1989	13,750	---	---	597,670	---	50,670
Fruits & Nuts 6/	1990	13,750	---	---	597,680	---	60,070
	1991	8,859	---	---	609,345	---	66,800
	1992	8,700	---	---	600,000	---	62,750
	1993	6,600	---	---	600,000	---	70,950
	1994	6,600	---	---	600,000	---	80,642
	1995	6,600	---	---	600,000	---	62,750
	1996	6,600	---	---	600,000	---	81,872
	1997	6,600	---	---	600,000	---	105,225
	1998	6,600	---	---	600,000	---	85,300

1/ Return at processing plant door or packinghouse door.

2/ Acres of raisin type grapes enrolled in the California Raisin Industry Diversion (RID) program were; 1988 -- 25,000; 1991 -- 20,000; 1992 -- 12,500; 1993 -- 20,000; 1994 -- zero; 1995 -- 25,000; 1996,1997 and 1998 -- zero. These acres were deducted from bearing acres before calculating yield.

3/ Raisin type production is the fresh equivalent of dried and not dried.

4/ Total value based on grower return.

5/ Acreage by county, variety, and year of planting for 1998 are available upon request.

6/ These crops are almond hulls, black walnuts, jojobas (until 1991), limes, persimmons, pomegranates (starting in 1990), and in 1991, bushberries. Acres exclude almond hulls.

Drying Ratio -- Tons of Green Fruit Required to Produce One Dried Ton

Year	Apples	Apricots	Figs	Raisins	Peaches, Freestone	Pears, Bartlett	Prunes
1989	9.10	6.40	3.00	4.30	8.40	5.90	3.33
1990	8.40	6.90	3.00	4.40	9.00	6.00	3.15
1991	---	6.50	3.00	4.53	9.30	6.00	3.15
1992	---	6.40	3.00	4.00	9.60	6.60	2.90
1993	---	6.60	3.00	4.30	8.10	6.50	3.10
1994	---	6.40	3.00	4.50	9.30	6.15	3.10
1995	---	6.50	3.00	5.00	9.00	6.10	3.30
1996	---	6.90	3.00	4.20	9.60	7.00	3.20
1997	---	6.90	3.00	4.15	9.00	6.75	3.08
1998	---	7.20	3.00	5.00	8.10	6.90	3.20

Non-Citrus Fruit Unutilized Production, 1989-98

Crop	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Unharvested Tons</i>										
Apricots	1,000	2,000	4,000	---	---	13,000	---	---	9,600	10,400
<i>Harvested Tons Not Sold</i>										
Kiwifruit	3,000	5,000	2,800	4,600	4,600	1,900	4,200	3,500	3,200	3,600
Peaches, Clingstone	34,000	28,500	30,000	33,000	30,000	23,500	22,000	26,000	24,000	7,150

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98

Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity	Value	Quantity	Value
					<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Apples <u>1/</u>	1989	337,500	139,000	524.00	198,500	141.00	30,500	150.00
	1990	390,000	155,000	582.00	235,000	134.00	40,000	159.00
	1991	400,000	175,000	754.00	225,000	159.00	15,000	147.00
	1992	420,000	185,000	714.00	235,000	162.00	15,000	187.00
	1993	440,000	185,000	574.00	255,000	126.00	20,500	152.00
	1994	525,000	175,000	568.00	350,000	113.00	45,000	145.00
	1995	425,000	150,000	734.00	275,000	165.00	37,500	150.00
	1996	475,000	175,000	646.00	300,000	150.00	48,500	184.00
	1997	481,000	187,500	664.00	293,500	130.00	37,500	144.00
	1998	407,500	175,000	586.00	232,500	85.00	7,500	144.00
Apricots	1989	117,000	14,000	590.00	103,000	287.00	67,000	280.00
	1990	113,000	17,000	568.00	96,000	280.00	64,000	274.00
	1991	86,000	15,000	735.00	71,000	298.00	43,000	287.00
	1992	99,000	17,000	496.00	82,000	293.00	53,000	282.00
	1993	89,000	14,500	711.00	74,500	295.00	45,000	266.00
	1994	132,000	20,000	477.00	112,000	305.00	71,000	303.00
	1995	54,000	11,000	748.00	43,000	295.00	19,200	310.00
	1996	76,000	10,500	1,080.00	65,500	295.00	20,000	320.00
	1997	122,400	20,900	467.00	101,500	275.00	46,700	320.00
	1998	102,600	18,500	533.00	84,100	262.00	40,700	330.00
Avocados <u>2/</u>	88-89	165,000	153,000	1,260.00	12,000	---	---	---
	89-90	105,000	93,000	2,280.00	12,000	---	---	---
	90-91	136,000	124,000	1,410.00	12,000	---	---	---
	91-92	156,000	143,000	1,170.00	13,000	---	---	---
	92-93	284,000	265,000	400.00	19,000	---	---	---
	93-94	139,000	132,000	1,810.00	7,000	---	---	---
	94-95	155,000	153,500	1,490.00	1,500	---	---	---
	95-96	171,000	169,500	1,380.00	1,500	---	---	---
	96-97	167,000	165,000	1,570.00	2,000	---	---	---
	97-98	154,000	152,500	1,720.00	1,500	---	---	---
Cherries, Sweet <u>3/</u>	1989	26,000	18,500	1,120.00	7,500	493.00	---	---
	1990	22,000	16,300	1,080.00	5,700	352.00	---	---
	1991	36,000	27,000	1,050.00	9,000	667.00	---	---
	1992	31,000	25,500	1,380.00	5,500	573.00	---	---
	1993	19,000	14,500	2,820.00	4,500	514.00	---	---
	1994	52,000	36,000	1,550.00	16,000	482.00	---	---
	1995	19,800	11,000	3,410.00	8,800	458.00	---	---
	1996	24,600	16,000	2,540.00	8,600	557.00	---	---
	1997	49,200	31,600	1,570.00	17,600	782.00	---	---
	1998	15,400	7,700	2,330.00	7,700	784.00	---	---
Dates	1989	22,000	22,000	1,040.00	---	---	---	---
	1990	24,000	24,000	820.00	---	---	---	---
	1991	22,000	22,000	970.00	---	---	---	---
	1992	21,000	21,000	1,060.00	---	---	---	---
	1993	29,000	29,000	790.00	---	---	---	---
	1994	23,000	23,000	750.00	---	---	---	---
	1995	22,700	22,700	780.00	---	---	---	---
	1996	23,000	23,000	1,090.00	---	---	---	---
	1997	21,000	21,000	1,100.00	---	---	---	---
	1998	22,200	22,200	1,130.00	---	---	---	---

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98

Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity	Value	Quantity	Value
					<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Figs <u>4/</u>	1989	48,000	1,500	---	---	---	---	---
	1990	49,600	1,600	---	---	---	---	---
	1991	45,100	1,300	---	---	---	---	---
	1992	46,900	1,300	---	---	---	---	---
	1993	60,700	2,800	---	---	---	---	---
	1994	56,700	2,100	---	---	---	---	---
	1995	52,400	2,000	---	---	---	---	---
	1996	45,500	2,000	---	---	---	---	---
	1997	57,500	2,000	---	---	---	---	---
	1998	40,200	1,800	---	---	---	---	---
Grapes, Raisin <u>5/</u>	1989	2,570,000	310,000	596.00	2,260,000	212.00	40,000	235.00
	1990	2,345,000	307,000	513.00	2,038,000	195.00	40,000	235.00
	1991	2,165,000	278,000	547.00	1,887,000	203.00	41,000	249.00
	1992	2,670,000	285,000	374.00	2,385,000	213.00	46,000	260.00
	1993	2,354,000	270,000	630.00	2,084,000	206.00	45,000	256.00
	1994	2,389,000	270,000	472.00	2,119,000	198.00	38,000	256.00
	1995	2,252,000	253,000	579.00	1,999,000	190.00	35,000	257.00
	1996	2,192,000	230,000	669.00	1,962,000	235.00	36,000	267.00
	1997	2,883,000	275,000	759.00	2,608,000	210.00	44,000	268.00
	1998	2,158,000	230,000	715.00	1,928,000	221.00	36,000	270.00
Grapes, Table	1989	630,000	405,000	626.00	225,000	131.00	---	---
	1990	645,000	464,000	546.00	181,000	130.00	---	---
	1991	620,000	450,000	549.00	170,000	145.00	---	---
	1992	645,000	415,000	458.00	230,000	172.00	---	---
	1993	632,000	468,000	720.00	164,000	156.00	---	---
	1994	602,000	464,000	628.00	138,000	135.00	---	---
	1995	707,000	523,000	651.00	184,000	161.00	---	---
	1996	592,000	465,000	775.00	127,000	190.00	---	---
	1997	825,000	595,000	554.00	230,000	173.00	---	---
	1998	645,000	489,000	607.00	156,000	154.00	---	---
Grapes, Wine	1989	2,190,000	45,000	258.00	2,145,000	342.00	---	---
	1990	2,195,000	50,000	398.00	2,145,000	306.00	---	---
	1991	2,195,000	45,000	360.00	2,150,000	344.00	---	---
	1992	2,145,000	45,000	300.00	2,100,000	395.00	---	---
	1993	2,397,000	36,000	325.00	2,361,000	362.00	---	---
	1994	2,265,000	45,000	471.00	2,220,000	376.00	---	---
	1995	2,275,000	45,000	238.00	2,230,000	428.00	---	---
	1996	2,225,000	45,000	333.00	2,180,000	540.00	---	---
	1997	2,940,000	45,000	250.00	2,895,000	603.00	---	---
	1998	2,570,000	42,000	250.00	2,528,000	586.00	---	---
Grapes, All <u>5/</u>	1989	5,390,000	760,000	592.00	4,630,000	268.00	40,000	235.00
	1990	5,185,000	821,000	525.00	4,364,000	247.00	40,000	235.00
	1991	4,980,000	773,000	537.00	4,207,000	273.00	41,000	249.00
	1992	5,460,000	745,000	416.00	4,715,000	292.00	46,000	260.00
	1993	5,383,000	774,000	670.00	4,609,000	284.00	45,000	256.00
	1994	5,256,000	779,000	565.00	4,477,000	284.00	38,000	256.00
	1995	5,234,000	821,000	606.00	4,413,000	309.00	35,000	257.00
	1996	5,009,000	740,000	715.00	4,269,000	389.00	36,000	267.00
	1997	6,648,000	915,000	601.00	5,733,000	407.00	44,000	268.00
	1998	5,373,000	761,000	620.00	4,612,000	419.00	36,000	270.00

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98

Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity	Value	Quantity	Value
					<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Kiwifruit	1989	37,000	37,000	400.00	---	---	---	---
	1990	34,000	34,000	415.00	---	---	---	---
	1991	26,800	26,800	820.00	---	---	---	---
	1992	47,700	47,700	290.00	---	---	---	---
	1993	44,600	44,600	370.00	---	---	---	---
	1994	37,500	37,500	491.00	---	---	---	---
	1995	33,600	32,500	459.00	---	---	---	---
	1996	28,000	26,100	470.00	---	---	---	---
	1997	31,800	31,300	518.00	---	---	---	---
	1998	33,000	32,000	744.00	---	---	---	---
Nectarines <u>6/</u>	1989	220,000	219,000	---	1,000	---	---	---
	1990	232,000	229,500	---	2,500	---	---	---
	1991	215,000	211,000	---	4,000	---	---	---
	1992	236,000	233,000	---	3,000	---	---	---
	1993	205,000	201,000	---	4,000	---	---	---
	1994	242,000	238,000	---	4,000	---	---	---
	1995	176,000	170,000	---	6,000	---	---	---
	1996	247,000	239,800	---	7,200	---	---	---
	1997	264,000	258,500	---	5,500	---	---	---
	1998	230,000	213,600	---	16,400	---	---	---
Olives	1989	123,000	500	500.00	122,500	467.00	94,000	563.00
	1990	131,500	500	500.00	131,000	423.00	88,000	553.00
	1991	65,000	500	500.00	64,500	559.00	53,700	631.00
	1992	165,000	500	500.00	164,500	549.00	121,000	676.00
	1993	122,000	500	500.00	121,500	467.00	93,000	558.00
	1994	84,000	500	500.00	83,500	464.00	66,500	551.00
	1995	77,500	500	500.00	77,000	647.00	58,500	779.00
	1996	166,000	500	500.00	165,500	617.00	123,000	745.00
	1997	104,000	500	500.00	103,500	643.00	82,200	760.00
	1998	90,000	500	500.00	89,500	459.00	64,200	590.00
Peaches, Clingstone <u>7/</u>	1989	462,000	---	---	462,000	214.00	462,000	214.00
	1990	477,500	---	---	477,500	214.00	477,500	214.00
	1991	485,000	---	---	485,000	218.00	485,000	218.00
	1992	558,500	---	---	558,500	215.00	518,500	219.00
	1993	518,500	---	---	518,500	218.00	485,500	224.00
	1994	541,500	---	---	541,500	180.00	493,500	189.00
	1995	410,500	---	---	410,500	213.00	381,500	220.00
	1996	520,500	---	---	520,500	219.00	480,500	220.00
	1997	550,000	---	---	550,000	260.00	529,000	264.00
	1998	515,350	---	---	515,350	219.00	469,500	230.00
Peaches, Freestone <u>7/</u>	1989	274,500	174,500	392.00	100,000	164.00	22,200	192.00
	1990	300,000	192,000	434.00	108,000	174.00	19,600	204.00
	1991	313,500	201,000	314.00	112,500	176.00	18,700	217.00
	1992	321,000	215,000	286.00	106,000	170.00	15,400	213.00
	1993	301,500	193,000	370.00	108,500	172.00	14,700	196.00
	1994	317,000	220,000	232.00	97,000	174.00	15,100	205.00
	1995	251,000	161,300	482.00	89,700	172.00	11,000	190.00
	1996	337,000	229,350	560.00	107,650	166.00	9,100	204.00
	1997	369,500	249,050	276.00	120,450	176.00	10,650	246.00
	1998	355,000	230,300	396.00	124,700	176.00	12,750	214.00

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98

Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity	Value	Quantity	Value
					<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Peaches, All <u>7/</u>	1989	736,500	174,500	392.00	562,000	205.00	484,200	213.00
	1990	777,500	192,000	434.00	585,500	207.00	497,100	214.00
	1991	798,500	201,000	314.00	597,500	210.00	503,700	218.00
	1992	879,500	215,000	286.00	664,500	208.00	533,900	219.00
	1993	820,000	193,000	370.00	627,000	210.00	500,200	223.00
	1994	858,500	220,000	232.00	638,500	179.00	508,600	189.00
	1995	661,500	161,300	482.00	500,200	206.00	392,500	219.00
	1996	857,500	229,350	560.00	628,150	210.00	489,600	220.00
	1997	919,500	249,050	276.00	670,450	245.00	539,650	264.00
	1998	870,350	230,300	396.00	640,050	211.00	482,250	230.00
Pears, Bartlett <u>7/</u>	1989	298,000	64,000	299.00	234,000	256.00	---	---
	1990	314,000	75,000	285.00	239,000	228.00	---	---
	1991	300,000	72,000	284.00	228,000	242.00	---	---
	1992	315,000	63,000	238.00	252,000	238.00	---	---
	1993	288,000	61,000	271.00	227,000	228.00	---	---
	1994	333,000	88,000	113.00	245,000	208.00	---	---
	1995	247,000	60,000	254.00	187,000	199.00	---	---
	1996	287,000	77,000	362.00	210,000	232.00	---	---
	1997	282,000	68,000	318.00	214,000	245.00	---	---
	1998	277,000	53,000	309.00	224,000	231.00	---	---
Pears, Other <u>6/</u>	1989	17,000	---	---	---	---	---	---
	1990	18,000	---	---	---	---	---	---
	1991	17,000	---	---	---	---	---	---
	1992	23,000	---	---	---	---	---	---
	1993	20,000	---	---	---	---	---	---
	1994	30,000	---	---	---	---	---	---
	1995	20,000	---	---	---	---	---	---
	1996	30,000	---	---	---	---	---	---
	1997	30,000	---	---	---	---	---	---
	1998	30,000	---	---	---	---	---	---
Pears, All <u>6/</u>	1989	315,000	---	---	---	---	---	---
	1990	332,000	---	---	---	---	---	---
	1991	317,000	---	---	---	---	---	---
	1992	338,000	---	---	---	---	---	---
	1993	308,000	---	---	---	---	---	---
	1994	363,000	---	---	---	---	---	---
	1995	267,000	---	---	---	---	---	---
	1996	317,000	---	---	---	---	---	---
	1997	312,000	---	---	---	---	---	---
	1998	307,000	---	---	---	---	---	---
Plums <u>6/</u>	1989	216,000	---	---	---	---	---	---
	1990	223,000	---	---	---	---	---	---
	1991	218,000	---	---	---	---	---	---
	1992	250,000	---	---	---	---	---	---
	1993	185,000	---	---	---	---	---	---
	1994	247,000	---	---	---	---	---	---
	1995	124,000	---	---	---	---	---	---
	1996	228,000	---	---	---	---	---	---
	1997	246,000	---	---	---	---	---	---
	1998	187,000	---	---	---	---	---	---

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98

Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
					Total		Canned	
			Quantity	Value	Quantity	Value	Quantity	Value
			<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Prunes, Dried Basis	1989	226,000	---	---	226,000	779.00	---	---
	1990	147,000	---	---	147,000	873.00	---	---
	1991	187,000	---	---	187,000	940.00	---	---
	1992	184,000	---	---	184,000	1,030.00	---	---
	1993	121,000	---	---	121,000	1,120.00	---	---
	1994	193,000	---	---	193,000	1,090.00	---	---
	1995	181,000	---	---	181,000	1,040.00	---	---
	1996	223,000	---	---	223,000	839.00	---	---
	1997	205,000	---	---	205,000	798.00	---	---
	1998	103,000	---	---	103,000	836.00	---	---

1/ Dried and frozen fruit included in total processed to avoid disclosure of individual operations.

2/ Processed fruit included in fresh market total to avoid disclosure of individual operations.

3/ Total processed includes canned, crushed, frozen, and brined.

4/ For 1989-98, prices for processing and fresh totals were not published to avoid disclosure of individual operations. Small quantities processed included in fresh to avoid disclosure of individual operations.

5/ Includes substandard raisins diverted to other uses.

6/ Processed and fresh fruit not published to avoid disclosure of individual operations, but included in total utilized.

7/ Processed mostly canned, but includes other small quantities not published separately to avoid disclosure of individual operations.

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98 (Continued)

Crop	Crop Year	Processing							
		Juice or Crushed		Frozen		Dried (Fresh Basis)		Dried Basis	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Figs <u>4/</u>	1989	---	---	---	---	46,500	373.00	15,500	1,120.00
	1990	---	---	---	---	48,000	320.00	16,000	960.00
	1991	---	---	---	---	43,800	347.00	14,600	1,040.00
	1992	---	---	---	---	45,600	393.00	15,200	1,180.00
	1993	---	---	---	---	57,900	367.00	19,300	1,100.00
	1994	---	---	---	---	54,600	400.00	18,200	1,200.00
	1995	---	---	---	---	50,400	298.00	16,800	895.00
	1996	---	---	---	---	43,500	258.00	14,500	774.00
	1997	---	---	---	---	55,500	233.00	18,500	699.00
1998	---	---	---	---	48,900	220.00	16,300	661.00	
Grapes, Raisin <u>5/</u>	1989	370,000	132.00	---	---	1,850,000	227.00	430,000	977.00
	1990	268,000	126.00	---	---	1,730,000	205.00	393,000	903.00
	1991	284,000	150.00	---	---	1,562,000	212.00	345,000	963.00
	1992	785,000	182.00	---	---	1,554,000	228.00	388,300	911.00
	1993	397,000	152.00	---	---	1,642,000	218.00	382,000	937.00
	1994	197,000	118.00	---	---	1,884,000	205.00	418,600	923.00
	1995	432,000	164.00	---	---	1,532,000	196.00	306,400	980.00
	1996	618,000	191.00	---	---	1,308,000	255.00	311,500	1,070.00
	1997	786,000	185.00	---	---	1,778,000	219.00	428,500	908.00
1998	507,000	164.00	---	---	1,385,000	240.00	277,000	1,200.00	
Grapes, Table	1989	211,000	128.00	---	---	14,000	176.00	3,200	770.00
	1990	170,000	127.00	---	---	11,000	183.00	2,500	805.00
	1991	157,000	141.00	---	---	13,000	194.00	3,000	842.00
	1992	217,000	170.00	---	---	13,000	213.00	3,200	866.00
	1993	137,000	147.00	---	---	27,000	204.00	6,300	874.00
	1994	123,000	136.00	---	---	15,000	125.00	3,400	550.00
	1995	170,000	162.00	---	---	14,000	150.00	2,800	750.00
	1996	117,000	188.00	---	---	10,000	210.00	2,400	880.00
	1997	212,000	169.00	---	---	18,000	220.00	4,300	914.00
1998	136,000	150.00	---	---	20,000	180.00	4,000	900.00	
Grapes, Wine	1989	2,145,000	342.00	---	---	---	---	---	---
	1990	2,145,000	306.00	---	---	---	---	---	---
	1991	2,150,000	344.00	---	---	---	---	---	---
	1992	2,100,000	395.00	---	---	---	---	---	---
	1993	2,361,000	362.00	---	---	---	---	---	---
	1994	2,220,000	376.00	---	---	---	---	---	---
	1995	2,230,000	428.00	---	---	---	---	---	---
	1996	2,180,000	540.00	---	---	---	---	---	---
	1997	2,895,000	603.00	---	---	---	---	---	---
1998	2,528,000	586.00	---	---	---	---	---	---	
Grapes, All <u>5/</u>	1989	2,726,000	297.00	---	---	1,864,000	227.00	433,200	975.00
	1990	2,583,000	276.00	---	---	1,741,000	205.00	395,500	902.00
	1991	2,591,000	310.00	---	---	1,575,000	212.00	348,000	962.00
	1992	3,102,000	325.00	---	---	1,567,000	228.00	391,500	911.00
	1993	2,895,000	323.00	---	---	1,669,000	218.00	388,300	936.00
	1994	2,540,000	344.00	---	---	1,899,000	204.00	422,000	920.00
	1995	2,832,000	372.00	---	---	1,546,000	196.00	309,200	978.00
	1996	2,915,000	452.00	---	---	1,318,000	255.00	313,900	1,070.00
	1997	3,893,000	495.00	---	---	1,796,000	219.00	432,800	908.00
1998	3,171,000	500.00	---	---	1,405,000	239.00	281,000	1,200.00	

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98 (Continued)

Crop	Crop Year	Processing							
		Juice or Crushed		Frozen		Dried (Fresh Basis)		Dried Basis	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Kiwifruit	1989	---	---	---	---	---	---	---	---
	1990	---	---	---	---	---	---	---	---
	1991	---	---	---	---	---	---	---	---
	1992	---	---	---	---	---	---	---	---
	1993	---	---	---	---	---	---	---	---
	1994	---	---	---	---	---	---	---	---
	1995	---	---	---	---	---	---	---	---
	1996	---	---	---	---	---	---	---	---
	1997	---	---	---	---	---	---	---	---
1998	---	---	---	---	---	---	---	---	
Nectarines <u>6/</u>	1989	---	---	---	---	---	---	---	---
	1990	---	---	---	---	---	---	---	---
	1991	---	---	---	---	---	---	---	---
	1992	---	---	---	---	---	---	---	---
	1993	---	---	---	---	---	---	---	---
	1994	---	---	---	---	---	---	---	---
	1995	---	---	---	---	---	---	---	---
	1996	---	---	---	---	---	---	---	---
	1997	---	---	---	---	---	---	---	---
1998	---	---	---	---	---	---	---	---	
Olives	1989	5,500	12.00	14,000	289.00	9,000	22.00	---	---
	1990	5,000	10.90	22,000	295.00	16,000	13.90	---	---
	1991	1,800	10.30	7,300	291.00	1,700	23.90	---	---
	1992	5,700	10.50	31,500	266.00	6,300	10.50	---	---
	1993	5,300	10.50	19,700	235.00	3,500	37.20	---	---
	1994	4,400	11.00	8,400	234.00	4,200	14.00	---	---
	1995	4,000	11.00	9,300	443.00	5,200	16.00	---	---
	1996	7,000	11.00	29,000	355.00	6,500	11.00	---	---
	1997	3,600	11.00	10,200	386.00	7,500	11.00	---	---
1998	4,100	11.00	12,800	240.00	8,400	11.00	---	---	
Peaches, Clingstone <u>7/</u>	1989	---	---	---	---	---	---	---	---
	1990	---	---	---	---	---	---	---	---
	1991	---	---	---	---	---	---	---	---
	1992	---	---	---	---	---	---	---	---
	1993	---	---	---	---	---	---	---	---
	1994	---	---	---	---	---	---	---	---
	1995	---	---	---	---	---	---	---	---
	1996	---	---	---	---	---	---	---	---
	1997	---	---	---	---	---	---	---	---
1998	---	---	---	---	---	---	---	---	
Peaches, Freestone <u>7/</u>	1989	---	---	63,500	167.00	14,300	110.00	1,700	924.00
	1990	---	---	74,850	178.00	13,550	108.00	1,500	975.00
	1991	---	---	71,600	183.00	22,200	116.00	2,400	1,080.00
	1992	---	---	70,400	182.00	20,200	93.00	2,100	893.00
	1993	---	---	78,800	185.00	15,000	82.00	1,850	713.00
	1994	---	---	68,400	183.00	13,500	93.00	1,450	856.00
	1995	---	---	63,700	186.00	14,000	86.00	1,550	894.00
	1996	---	---	77,850	186.00	16,350	78.00	1,700	726.00
	1997	---	---	89,450	190.00	17,050	68.00	1,894	612.00
1998	---	---	81,900	201.00	12,500	67.40	1,550	550.00	

Non-Citrus Fruit Utilized Production and Average Grower Return, 1989-98 (Continued)

Crop	Crop Year	Processing							
		Juice or Crushed		Frozen		Dried (Fresh Basis)		Dried Basis	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>Tons</i>	<i>\$/Ton</i>
Prunes, Dried Basis	1989	---	---	---	---	754,800	233.00	226,000	779.00
	1990	---	---	---	---	463,100	266.00	147,000	873.00
	1991	---	---	---	---	589,000	298.00	187,000	940.00
	1992	---	---	---	---	534,000	355.00	184,000	1,030.00
	1993	---	---	---	---	375,000	374.00	121,000	1,120.00
	1994	---	---	---	---	594,000	354.00	193,000	1,090.00
	1995	---	---	---	---	597,300	320.00	181,000	1,040.00
	1996	---	---	---	---	704,000	262.00	223,000	839.00
	1997	---	---	---	---	627,300	261.00	205,000	798.00
	1998	---	---	---	---	329,600	261.00	103,000	836.00

1/ Dried and frozen fruit included in total processed to avoid disclosure of individual operations.

2/ Processed fruit included in fresh market total to avoid disclosure of individual operations.

3/ Total processed includes canned, crushed, frozen, and brined.

4/ For 1989-98, prices for processing and fresh totals were not published to avoid disclosure of individual operations. Small quantities processed included in fresh to avoid disclosure of individual operations.

5/ Includes substandard raisins diverted to other uses.

6/ Processed and fresh fruit not published to avoid disclosure of individual operations, but included in total utilized.

7/ Processed mostly canned, but includes other small quantities not published separately to avoid disclosure of individual operations.

Nut Acreage, Production, and Value, 1989-98

Crop	Crop Year	Bearing <i>Acres</i>	Non-Bearing <i>Acres</i>	Yield Per Acre <i>Pounds</i>	Production			Value Per Unit <i>\$/Pound</i>	Total Value <i>\$/1,000</i>
					Marketable In-Shell	Shelling Stock	Total		
					<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>		
Almonds ^{1/} _{2/} (Shelled Basis)	1989	411,000	21,700	1,190	---	---	490,000	1.02	480,930
	1990	411,000	32,400	1,610	---	---	660,000	0.93	597,990
	1991	405,000	33,000	1,210	---	---	490,000	1.19	564,179
	1992	401,000	33,600	1,370	---	---	548,000	1.30	691,340
	1993	413,000	33,400	1,190	---	---	490,000	1.94	930,618
	1994	433,000	46,500	1,700	---	---	735,000	1.34	965,202
	1995	418,000	65,700	885	---	---	370,000	2.48	880,896
	1996	428,000	72,400	1,190	---	---	510,000	2.08	1,018,368
	1997	442,000	63,000	1,720	---	---	759,000	1.56	1,160,640
	1998	460,000	113,000	1,130	---	---	520,000	1.40	698,600
Pecans (In-Shell Basis)	1989	2,500	700	800	---	---	2,000	0.90	1,804
	1990	2,600	600	1,080	---	---	2,800	1.25	3,500
	1991	2,500	600	920	---	---	2,300	1.32	3,036
	1992	2,600	600	1,000	---	---	2,600	1.60	4,160
	1993	2,500	500	1,200	---	---	3,000	0.96	2,880
	1994	2,600	N/A	577	---	---	1,500	1.16	1,740
	1995	2,600	N/A	1,120	---	---	2,900	1.28	3,712
	1996	2,500	N/A	520	---	---	1,300	0.83	1,079
	1997	2,600	N/A	962	---	---	3,000	1.32	3,960
	1998	2,600	N/A	654	---	---	1,700	1.66	2,822
Pistachios (In-Shell Basis)	1989	50,900	12,000	766	33,000	6,000	39,000	1.63	63,570
	1990	53,700	12,300	2,230	94,600	25,400	120,000	1.02	122,400
	1991	55,700	13,300	1,380	59,000	18,000	77,000	1.25	96,250
	1992	56,500	13,900	2,600	114,500	32,500	147,000	1.03	151,410
	1993	57,000	15,700	2,670	113,000	39,000	152,000	1.07	162,640
	1994	57,500	16,600	2,240	94,600	34,400	129,000	0.92	118,809
	1995	60,300	13,400	2,450	107,500	40,500	148,000	1.09	161,320
	1996	64,300	15,000	1,630	85,000	20,000	105,000	1.16	121,800
	1997	65,400	17,100	2,750	137,000	43,000	180,000	1.13	203,400
	1998	65,900	---	2,850	138,000	50,000	188,000	1.03	193,640
Walnuts ^{2/} (In-Shell Basis)		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>\$/1,000</i>
1989	179,000	20,800	1.28	---	---	229,000	1,070.00	245,030	
1990	181,000	17,700	1.25	---	---	227,000	1,040.00	236,080	
1991	181,000	16,600	1.43	---	---	259,000	1,060.00	274,540	
1992	178,000	17,200	1.14	---	---	203,000	1,410.00	286,230	
1993	185,000	20,000	1.41	---	---	260,000	1,390.00	361,400	
1994	189,000	25,600	1.23	---	---	232,000	1,030.00	238,960	
1995	193,000	23,300	1.21	---	---	234,000	1,400.00	327,600	
1996	192,000	23,200	1.08	---	---	208,000	1,580.00	328,640	
1997	193,000	20,900	1.39	---	---	269,000	1,430.00	384,670	
1998	193,000	28,000	1.18	---	---	227,000	1,010.00	229,270	

^{1/} Values are based on the edible portion of the crop only. Included in production are inedible quantities of no value as follows: 1988 -- 18.5 million pounds, 1989 -- 18.5 million pounds, 1990 -- 17.0 million pounds, 1991 -- 15.9 million pounds, 1992 -- 16.2 million pounds, 1993 -- 10.3 million pounds, 1994 -- 14.7 million pounds, 1995 -- 14.8 million pounds, 1996 -- 20.4 million pounds, 1997 -- 15.0 million pounds, 1998 -- 21.0 million pounds.

^{2/} Data for 1998 acreage by county, variety, and year of planting available upon request.

Raisin Production and Average Grower Return, 1989-98

Raisins <u>1/</u>	Crop Year	All Varieties	Naturally Dried					Dehydrated, All Types
			Thompson Seedless	Muscats	Oleate	Sultanas	Zante Currant	
<u>Production 2/</u>		<i>Tons</i>						
	1989	430,000	396,000	100	---	300	3,900	29,700
	1990	393,000	357,400	600	---	250	4,450	30,300
	1991	345,000	313,500	230	---	270	4,200	26,800
	1992	388,300	346,850	50	---	280	4,720	36,400
	1993	382,000	338,000	170	---	330	5,700	37,800
	1994	418,600	378,400	230	400	270	5,400	33,900
	1995	306,400	264,800	150	300	130	2,820	38,200
	1996	311,500	272,100	130	810	140	4,520	33,800
	1997	428,500	382,500	80	1,100	200	4,820	39,800
	1998	277,000	---	---	---	---	---	---
<u>Average Grower Return 2/</u>		<i>Dollars/Ton</i>						
	1989	977	969	599	---	807	1,080	1,060
	1990	903	884	730	---	799	1,290	1,070
	1991	963	943	749	---	813	1,400	1,130
	1992	911	873	800	---	825	1,560	1,190
	1993	937	908	1,080	---	817	1,260	1,150
	1994	923	908	1,000	970	773	1,000	1,080
	1995	980	947	935	978	733	871	1,220
	1996	1,070	1,050	1,000	943	823	1,180	1,250
	1997	908	881	1,000	1,100	842	658	1,190
	1998	1,200	---	---	---	---	---	---

1/ Excludes raisins produced from table type grapes.

2/ Missing 1998 data will be available by the end of January 2000.

CALIFORNIA LIVESTOCK AND DAIRY

Summary of Livestock Inventory and Cash Receipts

Livestock cash receipts totaled \$6.85 billion, 8% above 1997. The increase is due, almost entirely, to an 18% increase in milk and cream receipts.

Total production of the three red meat species, at 2.05 billion pounds, was 4% lower than last year's production. All cattle and calf marketings, at 2.50 billion pounds, were down 2% from a year ago. Sheep and lamb marketings of 73.5 million pounds were down 22%. Hog and pig marketings of 78.9 million pounds were 7% below a year ago.

Milk production, at 27.6 billion pounds, was fractionally higher than the previous year. Total cattle and calves marketed from California feedlots totaled 570,000 head, unchanged from 1997. Turkey production was 8% lower to 443 million pounds. Egg production, at 6.61 billion eggs, was down 1%. Honey production of 37.4 million pounds increased by 19% from the 1997 production year. Wool production of 3.60 million pounds was 5% less than 1997.

The California dairy industry continued growing as new record highs were set for numbers of milk cows, milk production and total milk value. California continues to lead the nation in milk production and it is also the Golden State's leading commodity.

Milk Cows Average Prices Received, 1989-98 ^{1/}

Year	Jan.	Apr.	July	Oct.	Annual Average
	<i>Dollars Per Head</i>				
1989	1,210	1,200	1,190	1,210	1,200
1990	1,280	1,260	1,320	1,360	1,310
1991	1,240	1,200	1,200	1,250	1,220
1992	1,260	1,280	1,320	1,310	1,290
1993	1,270	1,320	1,320	1,330	1,310
1994	1,340	1,320	1,230	1,290	1,300
1995	1,270	1,230	1,230	1,190	1,230
1996	1,190	1,190	1,230	1,280	1,220
1997	1,230	1,250	1,240	1,240	1,240
1998	1,220	1,260	1,290	1,310	1,270

^{1/} For dairy herd replacement.

Manufactured Dairy Products, 1994-98

Commodity	1994	1995	1996	1997	1998
	<i>1,000 Pounds</i>				
Butter	344,657	346,503	305,667	314,207	226,560
All Cheese Total ^{1/}	922,887	951,677	1,053,979	1,174,171	1,242,889
American Cheese Total	351,149	354,132	410,915	476,102	505,762
Cheddar	259,626	248,708	308,564	351,001	368,154
Monterey, Jack and Other	91,523	105,424	102,351	125,101	137,608
Italian Cheese Total	499,087	525,354	565,669	624,732	656,163
Mozzarella	450,837	472,008	497,421	519,443	555,126
Other Italian	48,250	53,346	68,248	105,289	101,037
All Other Cheese	43,382	45,565	5,834	9,281	8,977
Creamed and Low Fat Cottage Cheese Total	92,290	86,632	93,414	95,947	98,938
Creamed	32,746	31,001	32,565	32,190	33,247
Low Fat	59,544	55,631	60,849	63,757	65,691
Curd Cottage Cheese Total	61,072	55,107	55,553	52,993	54,206
Yogurt, Plain and Flavored	286,766	251,651	196,778	189,561	200,363
Milk, Nonfat Dry for Human Consumption	442,168	443,347	425,971	548,512	507,135
Milk, Unsweetened Condensed Skim	529,963	515,490	552,396	499,447	547,715
	<i>1,000 Gallons</i>				
Ice Cream	111,194	111,922	108,830	116,151	116,192
Low Fat Ice Cream Total ^{2/}	33,328	32,799	37,819	39,014	42,979
Hard	16,344	18,045	13,270	13,869	10,297
Soft	16,984	14,754	24,549	25,145	32,682
Milk Sherbet	5,076	6,665	6,800	7,202	7,264
Water Ices	5,516	4,318	6,743	6,685	4,392

^{1/} Excludes processed cheese.

^{2/} Previously referred to as Ice Milk.

Milk Cow Operations and Inventory, 1989-98

Year	1 - 49 Head		50 - 99 Head		100-199 Head 1/		200+ Head 2/		200-499 Head		500+ Head	
	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory
	<i>Percent</i>											
1989	47.7	0.8	7.6	2.4	44.7	96.8	---	---	---	---	---	---
1990	45.3	0.6	8.0	2.0	46.7	97.4	---	---	---	---	---	---
1991	40.9	0.6	6.7	1.6	52.4	97.8	---	---	---	---	---	---
1992	40.9	0.6	6.7	1.7	52.4	97.7	---	---	---	---	---	---
1993	43.0	0.6	4.5	1.1	7.5	3.3	45.0	95.0	---	---	---	---
1994	36.7	0.6	4.4	1.0	8.9	3.4	50.0	95.0	---	---	---	---
1995	31.5	0.4	4.5	0.9	9.4	3.7	54.6	95.0	---	---	---	---
1996	23.1	0.4	4.5	0.8	10.3	3.8	62.1	95.0	---	---	---	---
1997	21.1	0.4	4.3	0.7	10.3	3.4	64.0	95.5	26.8	16.5	37.5	79.0
1998	18.9	0.4	4.1	0.7	10.0	3.4	67.0	95.5	27.8	17.5	39.2	78.0

1/ Starting in 1993, the 100+ Head class was broken out into 100-199 Head and 200+ Head classes.

2/ Starting in 1997, the 200+ Head class was broken out into 200+ Head, 200-499 Head, and 500+ Head classes.

Milk Cows Calved, Milk Production and Value, 1989-98

Year	Milk Cows and Heifers Calved		Production Per Milk Cow		Production on Farms		Value Per Cwt.	Total Value 1/
	January 1	Annual Average	Milk	Milk Fat	Milk	Milk Fat		
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Dollars</i>	<i>\$1,000</i>
1989	1,095	1,104	17,591	644	19,420	711	12.37	2,445,606
1990	1,115	1,135	18,456	668	20,947	758	12.02	2,560,776
1991	1,150	1,155	18,534	678	21,407	784	11.22	2,443,995
1992	1,160	1,158	18,722	685	22,092	809	11.61	2,614,993
1993	1,200	1,216	18,552	690	22,924	839	11.45	2,596,288
1994	1,220	1,249	20,203	737	25,234	921	11.52	2,844,979
1995	1,250	1,294	19,573	712	25,327	922	11.68	2,889,749
1996	1,260	1,349	19,161	701	25,848	946	13.66	3,447,647
1997	1,300	1,391	19,829	722	27,582	1,004	12.62	3,406,390
1998	1,442	1,420	19,442	714	27,607	1,013	15.01	4,078,067

1/ Milk valued at averaged returns per 100 pounds in combined marketings of milk and cream. Includes value of milk fed to calves.

Cattle Operations and Inventory, 1989-98

Year	1 - 99 Head		100 - 499 Head		500-999 Head 1/		1,000+ Head	
	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory
	<i>Percent</i>							
1989	77.7	7.7	14.7	22.3	7.6	70.0	---	---
1990	76.9	8.0	15.2	21.0	7.9	71.0	---	---
1991	77.3	7.5	14.5	20.5	8.2	72.0	---	---
1992	76.5	6.7	14.6	19.3	8.9	74.0	---	---
1993	76.8	6.5	14.0	18.5	4.8	19.0	4.4	56.0
1994	75.8	6.0	14.6	18.0	5.0	19.0	4.6	57.0
1995	75.6	6.0	14.8	18.0	5.2	20.0	4.4	56.0
1996	75.0	6.0	15.4	19.0	5.0	19.0	4.6	56.0
1997	75.0	6.5	14.6	17.5	4.6	16.0	5.0	60.0
1998	75.2	6.0	14.8	16.0	4.8	17.0	5.2	61.0

1/ Starting in 1993, class 500+ was broken out into classes 500-999 and 1,000+.

Beef Cow Operations and Inventory, 1989-98

Year	1 - 99 Head		100-499 Head ^{1/}		500+ Head	
	Operations	Inventory	Operations	Inventory	Operations	Inventory
	<i>Percent</i>					
1989	86.7	25.0	13.3	75.0	---	---
1990	87.2	25.0	12.8	75.0	---	---
1991	87.6	28.0	12.4	72.0	---	---
1992	86.7	25.0	13.3	75.0	---	---
1993	86.0	24.0	12.0	43.0	2.0	33.0
1994	86.0	24.0	12.0	44.0	2.0	32.0
1995	86.3	24.0	11.9	44.0	1.9	32.0
1996	86.0	24.0	12.0	43.0	2.0	33.0
1997	85.8	24.0	12.2	42.0	2.0	34.0
1998	85.5	23.0	12.4	43.0	2.1	34.0

^{1/} Starting in 1993, the 100+ Head class was broken out into 100-499 Head and 500+ Head classes.

Cattle and Calves Marketed from Feedlots, 1989-98

Year	January-March	April-June	July-September	October-December	Annual Total
	<i>1,000 Head</i>				
1989	240	240	200	250	930
1990	220	185	190	220	815
1991	200	180	180	170	730
1992	180	165	140	155	640
1993	165	150	135	135	585
1994	130	150	145	155	580
1995	150	160	150	135	595
1996	145	140	135	145	565
1997	135	150	140	145	570
1998	140	125	145	160	570

Cattle and Calves Slaughtered Under Federal and State Inspections, 1989-98

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total ^{1/}
	<i>1,000 Head</i>												
Cattle													
1989	99	89	98	90	106	101	93	99	94	102	97	92	1,158
1990	105	90	101	97	109	104	100	105	86	97	91	87	1,172
1991	101	88	92	95	95	91	95	93	83	91	77	81	1,082
1992	87	71	77	72	71	80	75	70	74	77	68	77	899
1993	73	67	72	72	70	75	74	72	70	71	71	71	857
1994	70	62	73	69	74	80	74	80	75	79	83	82	901
1995	82	72	82	72	79	89	80	89	82	89	88	81	985
1996	88	77	78	81	87	84	85	87	81	94	87	88	1,017
1997	95	75	82	86	84	83	88	84	84	93	81	95	1,030
1998	90	79	83	84	80	86	86	87	88	88	83	87	1,019
Calves													
1989	13	11	11	8	9	9	9	10	9	8	7	8	112
1990	10	9	9	7	7	7	8	7	6	7	7	8	92
1991	11	8	9	6	5	6	7	7	6	6	6	6	84
1992	8	7	7	6	6	7	7	8	7	7	7	8	83
1993	8	7	7	6	5	5	6	6	5	5	5	6	70
1994	6	5	6	6	7	8	9	9	8	13	15	14	106
1995	16	12	14	14	21	21	19	19	16	13	15	18	196
1996	21	24	24	23	25	24	27	25	21	20	17	18	269
1997	22	17	16	15	12	15	17	17	17	15	15	20	200
1998	19	17	16	14	12	15	22	19	16	14	13	16	191

^{1/} Totals may not equal sum of parts due to rounding.

Average Live Weights of Cattle and Calves Slaughtered Under Federal and State Inspections, 1989-98

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	<i>Pounds</i>												
Cattle													
1989	1,169	1,172	1,166	1,166	1,151	1,155	1,170	1,179	1,191	1,204	1,198	1,189	1,176
1990	1,202	1,207	1,216	1,188	1,195	1,180	1,174	1,187	1,204	1,216	1,222	1,229	1,201
1991	1,235	1,244	1,238	1,223	1,227	1,227	1,224	1,234	1,249	1,258	1,242	1,244	1,237
1992	1,260	1,253	1,244	1,236	1,234	1,232	1,228	1,224	1,234	1,243	1,251	1,251	1,241
1993	1,222	1,206	1,211	1,210	1,223	1,210	1,213	1,219	1,238	1,253	1,247	1,245	1,225
1994	1,264	1,261	1,232	1,245	1,235	1,213	1,215	1,213	1,206	1,224	1,223	1,236	1,230
1995	1,231	1,222	1,207	1,228	1,240	1,237	1,226	1,223	1,232	1,243	1,233	1,229	1,229
1996	1,244	1,240	1,233	1,224	1,225	1,224	1,229	1,200	1,219	1,219	1,222	1,224	1,225
1997	1,224	1,203	1,244	1,238	1,240	1,235	1,245	1,244	1,253	1,263	1,264	1,243	1,242
1998	1,245	1,243	1,217	1,224	1,240	1,248	1,237	1,237	1,245	1,250	1,275	1,267	1,244
Calves													
1989	197	203	199	204	197	218	213	225	235	245	229	213	213
1990	220	277	246	223	221	221	245	237	241	229	232	260	239
1991	252	273	287	285	291	311	326	322	301	280	305	292	291
1992	282	274	285	280	289	271	295	297	298	317	326	334	296
1993	314	334	345	345	342	351	369	351	335	362	377	360	349
1994	366	373	370	368	377	360	352	344	367	347	314	352	352
1995	400	320	377	332	296	290	322	326	338	338	370	364	337
1996	363	348	359	367	357	362	357	350	321	330	328	321	348
1997	324	334	351	349	352	374	356	350	346	352	336	256	338
1998	248	240	148	113	115	119	115	119	121	122	131	128	146

Cattle by Class as of January 1, 1990-99

Year	Cows That Have Calved			Heifers 500+ Lbs.			Other Cattle			
	Beef	Dairy	All	Cow Replacements		Other Heifers	Calves Under 500 Lbs.	Bulls 500+ Lbs.	Steers 500+ Lbs.	All Cattle and Calves
				Beef	Milk					
	<i>1,000 Head</i>									
1990	955	1,115	2,070	155	525	185	945	70	750	4,700
1991	900	1,150	2,050	155	505	185	1,015	70	620	4,600
1992	880	1,160	2,040	145	555	190	920	70	630	4,550
1993	840	1,200	2,040	140	560	190	930	70	670	4,600
1994	860	1,230	2,090	155	610	170	980	75	670	4,750
1995	850	1,270	2,120	155	630	170	970	75	680	4,800
1996	840	1,320	2,160	150	650	180	980	70	660	4,850
1997	820	1,380	2,200	150	660	170	980	70	670	4,900
1998	820	1,400	2,220	145	670	165	990	65	645	4,900
1999	800	1,440	2,240	145	710	175	1,030	65	635	5,000

Cattle Inventory, Supply, and Disposition, 1989-98

Year	Beginning Inventory January 1	Calf Crop	Inshipments	Marketings <u>1/</u>		Farm Slaughter Cattle and Calves <u>2/</u>	Deaths		Ending Inventory January 1
				Cattle	Calves		Cattle	Calves	
<i>1,000 Head</i>									
1989	4,700	1,770	850	2,170	228	17	70	135	4,700
1990	4,700	1,750	737	2,185	178	19	75	130	4,600
1991	4,600	1,700	728	2,069	180	19	70	140	4,550
1992	4,550	1,720	630	1,930	150	20	75	125	4,600
1993	4,600	1,750	700	1,889	162	19	75	155	4,750
1994	4,750	1,800	700	2,040	172	19	80	139	4,800
1995	4,800	1,820	800	2,106	212	20	95	137	4,850
1996	4,850	1,860	820	2,064	312	20	90	144	4,900
1997	4,900	1,880	785	2,167	261	22	90	125	4,900
1998	4,900	1,900	820	2,134	220	21	95	150	5,000

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales.

2/ Excludes custom slaughter for farmers at commercial establishments.

Cattle and Calves Average Prices Received, 1989-98

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	<i>Dollars Per Cwt.</i>												
All Beef Cattle													
1989	59.60	62.10	63.50	60.30	63.40	61.70	62.70	63.40	62.00	62.30	62.70	62.10	62.20
1990	61.70	64.20	64.80	63.90	66.90	69.10	67.00	66.50	64.20	64.40	64.50	62.80	65.00
1991	60.90	63.50	69.20	62.30	68.60	68.20	61.80	63.70	62.40	62.20	63.40	60.60	64.10
1992	57.70	60.90	58.70	56.90	58.50	59.80	58.10	61.00	61.30	59.40	59.70	56.10	59.10
1993	66.50	66.10	65.50	66.00	66.00	67.70	65.80	65.10	63.60	61.60	61.80	62.10	64.80
1994	64.00	65.90	64.50	59.40	58.80	56.80	55.30	56.00	52.20	50.50	51.30	51.40	57.40
1995	54.10	55.00	52.00	48.40	47.90	48.40	45.80	46.30	43.50	42.20	41.00	42.20	47.00
1996	42.20	41.20	40.90	38.20	38.20	41.80	43.60	45.10	44.50	43.80	43.60	44.10	42.40
1997	43.30	46.30	48.90	49.00	51.90	50.30	49.50	51.30	49.10	48.90	49.30	47.70	48.80
1998	48.40	48.50	49.80	50.30	51.20	49.90	47.00	47.20	45.80	46.00	46.00	44.50	47.80
Beef Steers and Heifers													
1989	73.20	74.00	75.30	72.80	74.00	73.20	74.20	75.00	71.50	73.00	74.80	73.80	73.70
1990	75.00	77.40	76.50	78.20	78.40	80.50	75.40	77.00	74.00	74.20	74.30	76.70	76.40
1991	75.70	76.20	81.70	77.40	80.50	76.50	73.40	75.00	73.90	77.40	74.10	71.40	76.30
1992	75.60	77.90	73.50	70.80	71.30	72.90	74.20	75.20	75.10	75.70	77.10	77.70	74.50
1993	81.00	79.00	79.20	78.70	79.40	83.00	81.00	79.50	79.00	78.50	76.50	78.50	79.40
1994	80.00	79.80	78.30	71.50	69.70	68.00	66.70	66.20	62.60	61.50	63.20	64.30	69.20
1995	68.80	66.20	62.30	57.90	57.20	57.30	55.00	54.60	51.80	51.00	51.50	53.00	57.00
1996	52.00	49.50	49.50	46.00	44.50	51.00	53.00	55.00	56.00	56.00	57.00	58.00	52.50
1997	58.50	61.00	63.00	62.00	64.00	62.50	61.50	64.00	64.00	64.50	66.00	64.50	63.10
1998	65.00	63.50	64.00	64.00	64.00	62.00	60.00	59.00	58.00	60.00	61.00	60.00	61.50
Beef Cows 1/													
1989	44.70	47.60	48.40	46.60	46.20	46.10	45.80	47.80	49.20	47.50	45.90	47.20	46.90
1990	48.90	51.70	52.80	51.80	51.90	51.90	54.60	52.90	50.80	47.50	45.60	47.30	50.60
1991	47.20	50.40	49.10	48.70	52.00	49.80	47.30	48.60	48.60	46.50	44.00	44.80	48.20
1992	46.70	47.10	46.30	46.40	45.10	46.70	45.80	46.60	44.30	43.70	44.70	44.50	45.70
1993	46.20	46.90	46.50	46.70	46.00	46.50	46.40	45.20	44.30	43.30	43.50	42.50	45.40
1994	43.70	46.00	45.40	44.60	43.10	40.00	40.30	41.30	38.50	36.40	34.80	35.00	41.10
1995	35.50	38.80	37.80	35.80	33.90	35.50	33.70	34.40	32.40	31.00	27.00	29.00	33.50
1996	31.50	31.50	30.00	29.00	29.50	29.50	32.00	33.00	31.00	30.00	29.00	29.00	30.40
1997	28.00	31.00	33.00	35.00	36.50	34.00	36.00	37.00	33.00	32.00	32.00	31.50	33.10
1998	32.50	33.50	34.50	35.50	35.50	34.50	33.00	34.50	33.50	30.00	29.50	30.30	32.90
Calves													
1989	84.90	86.50	82.80	83.90	82.10	82.50	83.00	81.10	82.90	87.90	81.40	78.10	83.20
1990	88.00	87.50	92.20	93.00	91.90	94.70	84.50	87.60	83.30	85.80	86.00	91.40	89.40
1991	89.10	94.20	98.30	93.20	97.50	101.00	90.70	87.50	85.70	85.30	93.60	85.60	93.10
1992	87.10	89.70	95.70	91.00	90.40	85.30	87.10	83.80	81.80	89.00	92.60	92.10	89.30
1993	93.60	92.70	98.30	97.30	95.50	95.80	92.70	91.50	91.00	93.00	94.00	93.00	94.30
1994	94.70	95.50	97.10	89.10	86.90	80.00	79.00	80.00	75.80	73.90	76.20	78.70	85.60
1995	81.50	82.20	78.50	72.20	71.50	71.00	66.90	64.30	62.60	62.50	61.00	63.00	69.40
1996	62.50	59.00	61.00	54.00	51.00	51.00	53.00	56.00	55.00	54.00	55.00	56.00	55.70
1997	59.00	65.00	68.00	67.00	71.00	69.00	71.00	71.00	71.00	70.00	67.00	69.00	68.10
1998	72.00	74.00	73.00	75.00	73.50	70.00	68.00	68.00	63.50	70.00	72.50	73.30	70.90

1/ Beef cows sold for slaughter and herd replacement and cull dairy cows sold for slaughter.

Sheep and Lambs by Class as of January 1, 1990-99

Year	All Sheep ^{1/}	Sheep and Lambs on Feed for Market ^{1/}	Stock Sheep			
			Ewes 1 Yr. +	Replacement Lambs	Wethers and Rams 1 Yr. +	Total
			<i>1,000 Head</i>			
1990	1,000	225	620	129	26	775
1991	1,015	280	576	132	27	735
1992	995	285	562	125	23	710
1993	895	305	450	117	23	590
1994	1,080	600	400	65	15	480
1995	1,020	520	430	55	15	500
1996	920	495	355	55	15	425
1997	880	455	360	50	15	425
1998	800	410	345	35	10	390
1999	810	420	330	45	15	390

^{1/} Beginning in 1994, totals include new crop lambs.

Sheep and Lambs Shorn, Wool Production and Value, 1989-98

Year	Sheep and Lambs Shorn	Production		Value Per Pound	Total Value
		Per Animal	Total		
		<i>1,000 Head</i>	<i>1,000 Pounds</i>		
1989	990	7.7	7,624	1.37	10,445
1990	1,015	7.5	7,646	0.82	6,270
1991	930	7.7	7,160	0.56	4,010
1992	880	7.7	6,780	0.67	4,543
1993	800	7.6	6,044	0.46	2,780
1994	695	7.7	5,318	0.65	3,457
1995	690	7.6	5,250	1.02	5,355
1996	640	7.6	4,860	0.67	3,256
1997	470	8.1	3,800	0.79	3,002
1998	480	7.5	3,600	0.61	2,196

Sheep and Lambs Inventory, Supply, and Disposition, 1989-98

Year	Beginning Inventory January 1 ^{1/}	Lamb Crop	Inshipments	Marketings ^{2/}		Farm Slaughter Sheep and Lambs	Deaths		Ending Inventory January 1 ^{1/}
				Sheep	Lambs		Sheep	Lambs	
				<i>1,000 Head</i>					
1989	940	550	268	97	580	8	37	36	1,000
1990	1,000	535	260	144	566	8	32	30	1,015
1991	1,015	520	248	130	583	7	34	34	995
1992	995	530	285	217	624	8	34	32	895
1993	895	370	469	139	718	5	25	27	1,080
1994	1,080	400	320	50	676	6	24	24	1,020
1995	1,020	330	375	120	634	5	29	17	920
1996	920	330	435	40	722	5	24	14	880
1997	880	320	365	57	667	5	22	14	800
1998	800	310	313	51	521	5	23	13	810

^{1/} Beginning in 1994, totals include new crop lambs.

^{2/} Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

Sheep and Lambs Average Prices Received, 1989-98

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	<i>Dollars Per Cwt.</i>												
Sheep													
1989	30.50	27.20	30.50	22.20	17.80	18.90	19.00	20.10	20.20	17.50	19.90	26.10	21.10
1990	26.20	27.30	27.10	21.50	16.90	14.40	19.30	18.50	17.70	15.70	25.20	22.60	18.90
1991	20.50	17.30	18.90	22.00	18.00	15.20	20.40	17.10	20.70	20.20	20.40	22.60	17.90
1992	27.00	26.60	29.20	27.30	20.40	19.70	20.70	20.90	21.60	22.80	28.00	30.60	22.50
1993	30.00	31.10	32.00	29.00	26.00	24.50	24.00	26.00	25.00	23.00	24.00	27.50	25.80
1994	32.20	32.70	31.50	29.10	27.10	29.10	24.30	30.80	29.00	27.70	26.70	35.80	29.10
1995	29.90	34.70	28.60	26.10	22.40	24.00	25.10	24.00	24.00	23.70	22.00	27.00	24.80
1996	30.00	31.00	29.00	27.00	25.00	24.50	26.50	27.50	24.50	28.50	28.50	34.00	26.70
1997	35.00	37.00	37.00	37.00	30.00	33.00	32.00	36.00	30.00	34.00	35.00	37.00	33.80
1998	35.50	33.00	36.50	35.50	30.00	32.00	29.00	29.00	27.50	26.50	25.50	28.50	30.50
Lambs													
1989	67.10	67.40	67.40	75.80	74.40	72.70	70.40	67.30	68.20	64.80	67.30	67.80	69.30
1990	68.00	63.80	68.40	63.30	61.10	58.80	58.90	56.30	57.30	54.90	53.30	51.10	60.10
1991	51.90	47.10	51.70	55.30	59.70	53.50	58.10	54.10	55.20	52.10	53.30	53.80	53.80
1992	56.40	58.40	64.10	71.80	72.00	66.20	65.70	57.20	59.40	57.20	59.50	65.40	62.90
1993	65.10	71.70	74.50	71.00	66.00	62.00	60.00	59.00	63.00	62.50	64.50	65.50	65.70
1994	60.90	58.80	58.30	55.30	54.40	61.90	71.50	76.00	74.80	73.80	72.70	76.70	65.60
1995	69.60	71.00	76.70	77.00	78.70	84.00	86.00	86.50	83.00	80.00	78.00	78.50	79.20
1996	79.50	84.00	85.50	86.00	89.00	98.00	100.00	94.00	90.00	90.00	84.00	88.00	89.40
1997	92.00	98.00	99.00	97.00	94.00	91.00	87.00	90.00	89.00	86.50	84.50	85.00	91.60
1998	81.50	78.00	71.00	69.00	63.00	90.00	84.00	79.00	78.00	71.00	64.00	66.00	75.00

1/ Average weighted by amount sold each month.

Hogs and Pigs by Class as of December 1, 1989-98

Year	All Hogs and Pigs	Breeding Hogs and Pigs	Market Hogs				Total
			Under 60 Pounds	60-119 Pounds	120-179 Pounds	180 Pounds and Over	
			<i>1,000 Head</i>				
1989	140	23	42	40	19	16	117
1990	195	28	60	49	31	27	167
1991	215	29	64	51	40	31	186
1992	265	37	82	58	45	43	228
1993	260	33	74	60	49	44	227
1994	255	32	70	65	45	43	223
1995	240	31	65	58	44	42	209
1996	210	27	57	51	40	35	183
1997	210	27	60	45	45	33	183
1998	210	27	70	50	40	23	183

Sows Farrowed and Pigs Saved, 1989-98 1/

Year	December - May			June - November		
	Sows Farrowed	Pigs Saved	Pigs Per Litter	Sows Farrowed	Pigs Saved	Pigs Per Litter
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>
1989	15	112	7.5	16	120	7.5
1990	22	167	7.6	24	191	8.0
1991	23	188	8.2	25	199	8.0
1992	24	202	8.4	28	221	7.9
1993	29	238	8.2	29	246	8.5
1994	28	242	8.6	25	221	8.8
1995	25	223	8.9	23	199	8.7
1996	---	---	---	---	---	---
1997	---	---	---	---	---	---
1998	---	---	---	---	---	---

1/ Data not published starting in 1996.

Hogs and Pigs Inventory, Supply, and Disposition, 1989-98

Year	Beginning Inventory December 1 (Previous Year)	Pig Crop (Dec.-Nov.)	Inshipments <u>1/</u>	Marketings <u>2/</u>	Farm Slaughter <u>3/</u>	Deaths	Ending Inventory December 1
	<i>1,000 Head</i>						
1989	130	232	32	224	15	15	140
1990	140	358	44	310	20	17	195
1991	195	387	31	357	22	19	215
1992	215	423	55	398	15	30	265
1993	265	484	40	472	25	32	260
1994	260	463	40	448	21	39	255
1995	255	422	40	413	24	40	240
1996	240	390	30	383	22	45	210
1997	210	416	51	400	15	52	210
1998	210	404	40	377	12	55	210

1/ For feeding or breeding, excludes stock brought in for immediate slaughter.

2/ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales.

3/ Excludes custom slaughter for farmers at commercial establishments.

Hogs and Pigs Slaughtered Under Federal and State Inspections, 1989-98

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total <u>1/</u>
	<i>1,000 Head</i>												
1989	195	165	200	170	189	184	165	194	179	179	169	171	2,159
1990	179	151	167	157	169	133	137	164	138	159	150	153	1,859
1991	159	144	148	151	155	142	155	164	152	164	155	162	1,850
1992	169	145	166	157	151	160	158	152	160	167	141	161	1,888
1993	145	141	151	150	145	163	155	162	160	165	155	163	1,856
1994	163	160	159	156	151	164	146	166	168	158	156	177	1,924
1995	169	141	176	152	177	164	155	175	157	164	163	171	1,964
1996	176	168	165	171	165	151	164	173	162	182	158	183	2,017
1997	172	152	160	159	155	154	160	156	161	171	149	190	1,937
1998	183	155	169	173	170	180	188	190	207	204	189	205	2,212

1/ Totals may not equal sum of parts due to rounding.

Average Live Weights of Hogs and Pigs Slaughtered Under Federal and State Inspections, 1989-98

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	<i>Pounds</i>												
1989	225	223	226	227	227	224	221	222	219	224	224	222	224
1990	219	221	223	222	224	220	218	219	221	222	224	223	221
1991	223	219	224	223	222	220	220	219	222	224	226	224	222
1992	229	221	227	232	223	226	220	221	221	225	228	220	224
1993	222	229	223	222	228	224	226	221	221	224	225	223	224
1994	223	222	219	227	221	227	217	217	216	224	224	229	222
1995	225	224	235	238	241	231	224	223	215	219	224	218	227
1996	219	216	217	216	217	214	215	213	212	216	216	214	215
1997	212	212	214	214	216	211	208	206	209	212	216	212	212
1998	210	215	215	210	213	208	208	207	211	211	213	210	211

Hens and Pullets of Laying Age (HPLA) and Egg Production, 1997-98

Month	Average Number of HPLA			Eggs Per 100 Layers			Total Egg Production		
	1997	1998	1998/1997	1997	1998	1998/1997	1997	1998	1998/1997
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Millions</i>	<i>Millions</i>	<i>Percent</i>
December ^{1/}	26,421	25,961	98	2,271	2,265	100	600	588	98
January	26,270	25,465	97	2,242	2,219	99	589	565	96
February	25,956	25,131	97	1,992	1,962	98	517	494	96
March	25,478	25,280	99	2,222	2,215	100	566	560	99
April	25,474	25,160	99	2,100	2,134	102	535	537	100
May	25,096	24,382	97	2,172	2,198	101	545	536	98
June	24,926	24,373	98	2,142	2,199	103	534	538	101
July	25,255	24,758	98	2,198	2,278	104	555	564	102
August	25,235	24,815	98	2,191	2,253	103	553	559	101
September	25,516	25,283	99	2,105	2,136	101	537	540	101
October	25,881	25,616	99	2,191	2,190	100	567	561	99
November	26,091	25,702	99	2,165	2,202	102	565	566	100
Average Total	25,632	25,161	98	2,166	2,188	101	6,663	6608	99

^{1/} December of previous year.

Broiler Production and Value, 1989-98 ^{1/}

Year	Broilers	Average Live Weight	Meat Produced	Value Per Pound ^{2/}	Total Value ^{3/}
	<i>1,000 Head</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>Cents</i>	<i>\$1,000</i>
1989	223,130	4.7	1,048,711	34.5	361,805
1990	231,100	4.8	1,109,280	30.5	338,330
1991	240,200	4.8	1,152,960	29.0	334,358
1992	233,000	5.1	1,188,300	29.5	350,549
1993	216,000	5.1	1,101,600	32.0	352,512
1994	226,200	5.0	1,131,000	33.0	373,230
1995	235,800	5.0	1,179,000	32.5	383,175
1996	234,200	5.0	1,171,000	39.0	456,690
1997	237,300	5.0	1,210,200	39.0	471,978
1998	---	---	---	---	---

^{1/} Data not published in 1998 for disclosure reasons.

^{2/} Live weight equivalent price.

^{3/} Gross income including home consumption.

Egg Production and Value, 1989-98

Year	Eggs	Value Per Dozen	Total Value
	<i>Millions</i>	<i>Cents</i>	<i>\$1,000</i>
1989	7,579	65.9	416,213
1990	7,711	63.3	406,755
1991	7,721	58.4	375,755
1992	7,224	47.6	286,552
1993	7,029	49.1	287,603
1994	6,602	46.4	255,277
1995	6,444	53.7	288,869
1996	6,569	67.1	367,317
1997	6,663	62.1	344,810
1998	6,608	56.1	308,924

Turkey Production and Value, 1989-98

Year	Turkeys	Meat Produced ^{1/}	Value Per Pound ^{2/}	Total Value
	<i>1,000 Head</i>	<i>1,000 Pounds</i>	<i>Cents</i>	<i>\$1,000</i>
1989	30,200	664,400	38.0	252,472
1990	31,500	711,900	38.0	270,522
1991	29,000	652,500	37.0	241,425
1992	24,000	508,800	39.0	198,432
1993	22,500	486,000	43.0	208,980
1994	21,000	449,400	43.0	193,242
1995	22,000	462,000	46.0	212,520
1996	22,500	492,750	45.0	221,738
1997	21,000	480,900	42.0	201,978
1998	19,000	442,700	41.0	181,507

^{1/} Includes home consumption.

^{2/} Live weight equivalent price.

Bee Colonies, Honey Production and Value, 1989-98

Year	Bee Colonies	Yield Per Colony	Production	Average Price Per Pound	Total Value
	<i>1,000</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>Cents</i>	<i>\$1,000</i>
1989	620	34	21,080	49	10,329
1990	480	42	20,160	54	10,886
1991	550	63	34,650	54	18,711
1992	490	67	32,830	52	17,072
1993	500	90	45,000	50	22,500
1994	400	60	24,000	51	12,240
1995	420	93	39,060	63	24,608
1996	390	70	27,300	84	22,932
1997	420	75	31,500	70	22,050
1998	450	83	37,350	62	23,157

Livestock Production and Income, 1989-98

Year	Production <u>1/</u>	Marketings <u>2/</u>	Average Price Per 100 Pounds		Value of Production	Cash Receipts <u>3/ 4/</u>	Value of Home Consumption	Gross Income
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
Total Meat Animals								
1989	2,170,550	2,748,174	---	---	1,348,649	1,711,412	20,339	1,731,751
1990	2,029,815	2,809,866	---	---	1,322,423	1,820,131	21,950	1,842,081
1991	2,116,743	2,754,502	---	---	1,344,967	1,762,881	22,451	1,782,332
1992	2,071,286	2,601,468	---	---	1,224,197	1,532,069	19,387	1,551,456
1993	2,008,139	2,636,088	---	---	1,306,167	1,705,789	20,902	1,726,691
1994	2,089,703	2,646,374	---	---	1,173,763	1,528,090	12,863	1,540,951
1995	2,117,427	2,891,254	---	---	983,464	1,394,572	11,891	1,406,463
1996	2,035,254	2,790,352	---	---	867,815	1,245,434	10,067	1,255,501
1997	2,129,747	2,857,850	---	---	1,039,931	1,447,755	11,525	1,459,280
1998	2,052,881	2,649,758	---	---	931,493	1,284,315	11,806	1,296,121
Cattle and Calves								
			<i>(Cattle)</i>	<i>(Calves)</i>				
1989	2,056,490	2,619,260	62.20	83.20	1,286,428	1,639,190	17,158	1,656,348
1990	1,890,920	2,654,880	65.00	89.40	1,245,792	1,736,037	18,447	1,754,484
1991	1,965,580	2,586,300	64.10	93.10	1,265,374	1,672,249	18,104	1,690,353
1992	1,908,900	2,409,800	59.10	89.30	1,142,883	1,437,117	16,461	1,453,578
1993	1,829,597	2,372,090	64.80	94.30	1,138,047	1,553,634	12,755	1,566,389
1994	1,795,879	2,356,220	57.40	85.60	986,137	1,368,770	11,125	1,379,895
1995	1,775,864	2,436,000	47.00	69.40	777,753	1,159,032	10,050	1,169,082
1996	1,736,019	2,410,790	42.40	55.70	673,737	1,033,513	7,856	1,041,369
1997	1,936,801	2,550,150	48.80	68.10	895,678	1,257,018	10,205	1,267,223
1998	1,928,381	2,497,400	47.80	70.90	870,570	1,205,088	10,047	1,215,135
Sheep and Lambs								
			<i>(Sheep)</i>	<i>(Lambs)</i>				
1989	66,478	81,868	21.10	69.30	40,542	50,605	1,022	51,627
1990	67,224	87,706	18.90	60.10	34,833	44,583	840	45,423
1991	65,796	88,063	17.90	53.80	30,438	40,984	571	41,555
1992	68,420	104,322	22.50	62.90	37,471	53,520	832	54,352
1993	91,777	110,702	25.80	65.70	54,507	65,078	575	65,653
1994	52,725	87,402	29.10	65.60	30,709	54,868	745	55,613
1995	53,813	96,313	24.80	79.20	38,797	67,411	793	68,204
1996	59,076	97,247	26.70	89.40	48,011	83,589	975	84,564
1997	56,292	93,750	33.80	91.60	47,840	81,505	954	82,459
1998	49,167	73,493	30.50	75.00	35,447	52,094	800	52,894
Hogs and Pigs								
			<i>(Hogs and Pigs)</i>					
1989	47,582	47,046	45.70	---	21,679	21,617	2,159	23,776
1990	71,671	67,280	58.40	---	41,798	39,511	2,663	42,174
1991	85,367	80,139	57.90	---	49,155	49,648	3,776	50,424
1992	93,966	87,346	47.10	---	43,843	41,432	2,094	43,526
1993	103,225	103,264	50.40	---	51,957	52,347	2,312	54,659
1994	95,245	95,892	46.70	---	44,318	45,186	1,950	47,136
1995	88,993	89,745	39.70	---	35,200	36,038	1,880	37,918
1996	77,815	80,425	52.00	---	40,440	41,895	2,236	44,131
1997	82,156	84,365	54.70	---	44,508	46,561	1,644	48,205
1998	75,333	78,865	34.00	---	25,476	27,133	959	28,092

1/ Live weight; adjustments made for changes in inventory and for inshipments.

2/ Live weight; excludes custom slaughter for use on farms where produced and interfarm sales within the State.

3/ Receipts from marketing and sale of farm slaughter.

4/ Hogs and pigs receipts for 1995 and 1996 include allowance for higher average price of State inshipments and outshipments of feeder pigs.

Grazing Fees Annual Average Rates, 1989-98 ^{1/}

Year	Per Animal Unit ^{2/}	Cow-Calf	Per Head
	<i>Dollars Per Month</i>		
1989	10.72	12.22	11.39
1990	9.81	13.00	10.46
1991	9.61	11.63	12.37
1992	10.09	13.29	12.09
1993	10.40	13.30	11.20
1994	11.00	13.10	11.80
1995	10.50	12.80	11.10
1996	10.10	12.20	11.90
1997	10.60	13.00	12.00
1998	11.50	14.50	12.90

^{1/} The average rates are estimates (rates over \$10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Agricultural Survey.

^{2/} Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf *0.833).

Equine Inventory, Number Sold, and Value of Sales, 1997-98 ^{1/}

State	Inventory		Number Sold		Value of Sales	
	Jan. 1, 1998	Jan. 1, 1999	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>\$1,000</i>	<i>\$1,000</i>
Arizona	135.0	135.0	7.0	8.0	14,000	15,000
California	235.0	240.0	15.0	17.0	55,000	60,000
Idaho	145.0	145.0	11.0	12.0	14,500	15,000
Nevada	70.0	70.0	7.0	7.0	10,500	10,000
Oregon	120.0	120.0	11.0	10.0	15,000	14,000
Tennessee	185.0	190.0	19.0	18.0	49,400	48,600
Texas	595.0	600.0	58.0	60.0	86,000	90,000
United States	5,250.4	5,317.4	539.6	557.6	1,641,196	1,753,996

^{1/} Production multiplied by marketing-year average price for individual states. U.S. value is the summation of state values.

CALIFORNIA VEGETABLES AND MELONS

Summary of Vegetable and Melon Crops

California produced 22.5 million tons of vegetables and melons in 1998, 5% less than in 1997. Total value of vegetable production was \$5.88 billion, down 3% from 1997.

The Golden State continues to lead the Nation in vegetables and melons, accounting for 35% of the harvested acres, 54% of the production, and 50% of the total value. California produces more than 90 percent of the U.S. production of artichokes, broccoli, brussels sprouts, celery, and processing tomatoes. Monterey County is known worldwide for its abundant, high-quality vegetable crops, particularly, artichokes, broccoli, cauliflower, celery, and lettuce. California now produces about 95% of the processing tomatoes in the country, with most of the production coming from the rich farmland in the Sacramento and San Joaquin valleys. California's diverse agriculture and climate allow year-round production of many vegetables; coming from the desert in the winter months and then moving into the coastal areas and the central valleys as the season progresses.

Notable changes in vegetable production from 1997 to 1998 were as follows: asparagus, +11%; broccoli, +10%; garlic, -12%; head lettuce, -20%; romaine lettuce, +16%; watermelons, -14%; onions, -11%; fresh spinach, -10%, and fresh market tomatoes, -12%.

The El Nino storms began in January of 1998 and raised havoc on a number of vegetable crops. Particularly hard hit were the coastal valleys, which remained wet for the first half of 1998. Results of the rain were delayed planting, damaged produce, and high supermarket prices for California vegetables. In the Salinas Valley, lettuce and broccoli were in short supply. The wet weather during the first half of 1998 delayed field activities and many times the crops were well behind their planned schedules. Consequently, harvest was delayed and many of the vegetables had quality problems. Disease and weed problems were also more prevalent.

The vegetable and melon estimates include commercial production, but exclude garden production and vegetables grown for seed. Prices for processing crops and processed segments of dual utilization crops are based upon equivalent returns at the processing plant door.

For fresh market sales, the price is on a packed and loaded basis, F.O.B. shipping point. To avoid disclosure of individual plants, not all of California's data was published.

Vegetable and Melon Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Cwt. ^{1/}	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>\$1,000</i>
Artichokes ^{2/}	1992	9,600	115	1,104	39.40	43,447
	1993	9,200	110	1,012	50.80	51,435
	1994	9,200	130	1,196	56.40	67,474
	1995	8,900	92	819	75.70	61,965
	1996	8,900	100	890	73.50	65,416
	1997	9,300	100	930	79.50	73,910
	1998	10,700	85	910	69.10	62,899
Asparagus	1989	37,500	29	1,088	66.20	71,978
	1990	35,900	29	1,041	68.00	70,833
	1991	33,500	28	938	78.10	73,258
	1992	34,000	29	986	92.70	91,386
	1993	32,100	29	931	94.70	88,177
	1994	30,200	33	997	102.00	101,694
	1995	28,000	28	784	117.00	91,728
	1996	29,000	26	754	85.80	64,691
	1997	30,100	27	813	115.00	93,224
1998	32,200	28	902	140.00	126,024	
Beans, Fresh Market Snap ^{2/}	1992	6,900	90	621	27.40	17,015
	1993	7,300	80	584	49.90	29,142
	1994	7,500	70	525	57.20	30,030
	1995	7,000	100	700	50.20	35,140
	1996	7,800	90	702	47.80	33,566
	1997	4,500	100	450	52.00	23,400
	1998	4,700	95	447	62.90	28,116
Broccoli, Fresh Market	1989	---	---	9,792	20.40	199,757
	1990	---	---	9,113	22.30	203,220
	1991	---	---	8,560	21.60	184,896
	1992	---	---	9,625	23.50	226,188
	1993	---	---	9,885	26.20	258,987
	1994	---	---	12,940	28.10	363,614
	1995	---	---	12,735	28.50	362,948
	1996	---	---	---	---	---
	1997	---	---	---	---	---
1998	---	---	---	---	---	
Broccoli, Processing	1989	---	---	2,400	18.40	44,160
	1990	---	---	2,100	19.80	41,475
	1991	---	---	1,560	19.70	30,654
	1992	---	---	1,530	19.30	29,529
	1993	---	---	1,140	19.20	21,888
	1994	---	---	1,220	19.30	23,546
	1995	---	---	1,640	19.10	31,324
	1996	---	---	---	---	---
	1997	---	---	---	---	---
1998	---	---	---	---	---	
Broccoli, All	1989	101,600	120	12,192	20.00	243,917
	1990	97,500	115	11,213	21.80	244,695
	1991	88,000	115	10,120	21.30	215,550
	1992	97,000	115	11,155	22.90	255,717
	1993	105,000	105	11,025	25.50	280,875
	1994	118,000	120	14,160	27.30	387,160
	1995	115,000	125	14,375	27.40	394,272
	1996	122,000	120	14,640	26.60	388,753
	1997	119,000	130	15,470	27.90	431,301
1998	121,000	140	16,940	29.70	502,875	

Vegetable and Melon Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Cwt. ^{1/}	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>\$1,000</i>
Brussels Sprouts ^{2/}	1992	3,500	160	560	30.50	17,104
	1993	5,000	160	800	30.90	24,756
	1994	3,500	180	630	24.60	15,471
	1995	3,400	165	561	25.70	14,390
	1996	3,800	180	684	29.40	20,120
	1997	3,200	160	512	41.40	21,180
	1998	3,200	160	512	43.50	22,249
Cabbage, Fresh Market ^{2/}	1992	11,500	335	3,853	9.60	37,143
	1993	12,000	360	4,320	13.70	59,184
	1994	10,000	385	3,850	13.40	51,590
	1995	10,000	370	3,700	15.50	57,350
	1996	10,000	350	3,500	12.60	44,100
	1997	13,800	340	4,692	14.90	69,911
	1998	14,000	350	4,900	16.10	78,890
Carrots, Fresh Market ^{3/}	1989	---	---	14,675	13.70	201,048
	1990	---	---	15,852	11.20	177,542
	1991	---	---	14,240	14.00	199,360
	1992	---	---	14,940	13.90	207,666
	1993	75,200	300	22,560	11.10	250,416
	1994	75,900	360	27,324	12.70	347,015
	1995	72,500	300	21,750	16.60	361,050
	1996	85,700	300	25,710	13.60	349,656
	1997	83,200	360	29,998	13.00	389,974
	1998	86,500	345	29,843	11.50	343,195
Carrots, Processing ^{3/}	1989	---	---	2,515	3.23	8,136
	1990	---	---	2,100	4.25	8,925
	1991	---	---	2,000	4.78	9,550
	1992	---	---	2,160	4.35	9,396
	1993	6,800	294	2,000	4.85	9,700
	1994	4,100	618	2,532	3.81	9,635
	1995	5,500	462	2,542	3.64	9,254
	1996	4,300	670	2,880	3.02	8,698
	1997	2,700	641	1,730	3.28	5,666
	1998	4,500	628	2,826	3.35	9,453
Carrots, All	1989	57,300	300	17,190	12.20	209,184
	1990	56,100	320	17,952	10.40	186,467
	1991	56,000	290	16,240	12.90	208,910
	1992	60,000	285	17,100	12.70	217,062
	1993	82,000	300	24,560	10.59	260,116
	1994	80,000	373	29,856	11.95	356,650
	1995	78,000	311	24,292	15.24	370,304
	1996	90,000	318	28,590	12.53	358,354
	1997	85,900	369	31,728	12.47	395,640
	1998	91,000	359	32,669	10.79	352,648
Cauliflower	1989	52,500	115	6,038	26.70	161,058
	1990	51,300	120	6,156	24.80	152,929
	1991	42,000	130	5,460	26.60	145,054
	1992	42,000	130	5,460	28.40	155,001
	1993	48,000	136	6,540	29.70	194,545
	1994	47,000	140	6,611	28.40	187,654
	1995	43,000	137	5,875	33.70	198,275
	1996	41,500	152	6,310	32.30	203,499
	1997	37,500	154	5,790	31.40	181,829
	1998	40,000	150	6,000	32.80	196,696

Vegetable and Melon Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Cwt. ^{1/}	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>\$1,000</i>
Celery	1989	21,800	670	14,612	12.70	184,842
	1990	24,800	597	14,812	10.80	159,999
	1991	20,900	670	14,003	10.30	143,739
	1992	23,500	670	15,750	12.10	190,445
	1993	24,000	680	16,320	14.70	240,081
	1994	24,500	690	16,905	11.80	198,695
	1995	24,000	685	16,440	16.50	272,037
	1996	24,500	700	17,150	10.60	181,606
	1997	24,000	695	16,680	14.80	247,371
	1998	24,500	700	17,150	12.10	207,515
Corn, Fresh Market Sweet	1989	17,500	115	2,013	16.10	32,409
	1990	20,000	95	1,900	16.70	31,730
	1991	16,300	120	1,956	16.30	31,883
	1992	18,500	130	2,405	16.00	38,480
	1993	20,000	140	2,800	17.80	49,840
	1994	21,600	140	3,024	18.30	55,339
	1995	22,300	150	3,345	18.70	62,552
	1996	24,100	155	3,736	17.60	65,754
	1997	27,000	145	3,915	17.20	67,338
	1998	28,800	145	4,176	15.80	65,981
Cucumbers, Fresh Market ^{2/}	1992	4,500	300	1,350	28.30	38,205
	1993	5,600	250	1,400	27.10	37,940
	1994	5,000	250	1,250	24.90	31,125
	1995	5,200	315	1,638	25.90	42,424
	1996	6,000	330	1,980	28.20	55,836
	1997	6,300	315	1,985	24.70	49,030
	1998	6,300	300	1,890	29.80	56,322
	Garlic ^{2/}	1992	23,000	165	3,795	27.10
1993		26,000	160	4,160	31.80	132,470
1994		27,000	170	4,590	40.10	183,852
1995		28,500	165	4,703	31.40	147,714
1996		35,000	175	6,125	32.10	196,333
1997		33,000	170	5,610	47.90	268,776
1998		34,000	145	4,930	34.80	171,621
Lettuce, Head		1989	168,400	340	57,256	11.70
	1990	162,200	345	55,959	12.20	682,700
	1991	152,000	335	50,920	11.80	600,856
	1992	147,000	360	52,920	13.00	687,960
	1993	141,000	360	50,760	16.50	837,540
	1994	153,000	330	50,490	14.60	737,154
	1995	144,000	295	42,480	25.00	1,062,000
	1996	150,500	290	43,645	15.40	672,133
	1997	141,000	350	55,650	19.40	1,079,610
	1998	142,000	315	44,730	14.70	657,531
Lettuce, Leaf ^{2/}	1992	32,000	215	6,880	22.40	154,112
	1993	37,000	205	7,585	27.70	210,105
	1994	35,000	225	7,875	28.10	221,288
	1995	37,000	210	7,770	31.90	247,863
	1996	36,000	210	7,560	25.10	189,756
	1997	42,000	205	8,660	28.30	245,385
	1998	42,000	215	9,030	30.80	278,124

Vegetable and Melon Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Cwt. ^{1/}	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>\$1,000</i>
Lettuce, Romaine <u>2/</u>	1992	15,500	300	4,650	18.10	84,165
	1993	19,000	280	5,320	18.60	98,952
	1994	24,000	280	6,720	21.40	143,808
	1995	23,000	280	6,440	24.40	157,136
	1996	23,500	275	6,463	18.60	120,212
	1997	25,000	280	7,000	19.20	134,400
	1998	29,000	280	8,120	22.00	178,640
Melons, Cantaloupe <u>4/</u>	1989	80,800	190	15,352	12.60	193,435
	1990	90,200	150	13,530	9.20	124,476
	1991	---	---	---	---	---
	1992	64,000	180	11,520	14.00	161,280
	1993	65,000	190	12,350	15.30	188,955
	1994	59,300	190	11,267	15.90	179,145
	1995	59,300	200	11,860	17.30	205,178
	1996	59,000	220	12,980	17.90	232,342
	1997	62,300	210	13,083	17.70	231,569
1998	63,000	220	13,860	18.00	249,480	
Melons, Honeydew	1989	21,300	190	4,047	11.80	47,755
	1990	19,000	180	3,420	15.80	54,036
	1991	18,200	140	2,548	15.60	39,749
	1992	17,500	180	3,150	13.00	40,950
	1993	16,500	160	2,640	16.70	44,088
	1994	20,500	165	3,383	16.10	54,466
	1995	18,100	160	2,896	18.70	54,155
	1996	20,300	170	3,451	16.50	56,942
	1997	20,500	180	3,690	18.50	68,265
1998	20,500	190	3,895	19.30	75,174	
Melons, Watermelon <u>2/</u>	1992	15,000	400	6,000	8.72	52,320
	1993	16,000	420	6,720	8.00	54,029
	1994	16,700	430	7,181	9.90	71,164
	1995	16,800	380	6,364	14.30	91,291
	1996	17,100	440	7,524	10.50	79,002
	1997	17,000	460	7,820	10.90	85,283
	1998	16,900	400	6,760	12.30	83,148
Mushrooms, Agaricus	1989	529	2,440	1,291	100.00	129,457
	1990	545	2,440	1,330	96.00	127,701
	1991	532	2,453	1,305	97.60	127,446
	1992	488	2,498	1,219	99.40	121,208
	1993	528	2,434	1,285	101.00	129,866
	1994	501	2,475	1,240	106.00	130,911
	1995	503	2,682	1,349	104.00	140,796
	1996	514	2,549	1,310	109.00	142,642
	1997	529	2,461	1,302	120.00	155,554
1998	561	2,385	1,338	119.00	158,529	
Onions, Spring	1989	7,700	400	3,080	11.30	34,804
	1990	8,500	420	3,570	11.10	39,627
	1991	8,000	395	3,160	18.00	56,880
	1992	9,000	400	3,600	11.80	42,480
	1993	9,500	430	4,085	18.00	73,530
	1994	8,800	435	3,828	8.00	30,701
	1995	8,700	440	3,828	14.00	53,592
	1996	9,600	385	3,696	9.80	36,221
	1997	9,600	450	4,320	14.30	61,776
1998	6,800	440	2,992	17.30	51,762	

Vegetable and Melon Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Cwt. ^{1/}	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>\$1,000</i>
Onions, Summer <u>5/</u>	1989	27,000	375	10,125	7.54	74,867
	1990	30,500	380	11,590	7.49	85,067
	1991	28,600	370	10,582	7.06	73,510
	1992	27,500	375	10,313	8.26	82,946
	1993	36,500	395	14,418	8.00	113,115
	1994	33,200	410	13,612	6.30	83,915
	1995	32,100	415	13,322	7.20	93,649
	1996	33,500	430	14,405	7.70	108,860
	1997	31,300	440	13,772	7.84	105,829
	1998	30,000	440	13,200	9.20	119,140
Onions, All <u>5/</u>	1989	34,700	381	13,205	8.43	109,671
	1990	39,000	389	15,160	8.35	124,694
	1991	36,600	375	13,742	9.61	130,390
	1992	36,500	381	13,913	9.02	125,426
	1993	46,000	402	18,503	10.09	186,645
	1994	42,000	415	17,440	6.57	114,616
	1995	40,800	420	17,150	8.59	147,241
	1996	43,100	420	18,101	8.02	145,081
	1997	40,900	442	18,092	9.26	167,605
	1998	36,800	440	16,192	10.55	170,902
Peppers, Bell <u>2/</u>	1992	20,000	285	5,700	18.30	104,470
	1993	21,100	300	6,330	27.50	174,251
	1994	21,500	290	6,235	25.90	161,190
	1995	24,000	290	6,960	27.10	188,523
	1996	25,500	300	7,650	22.70	173,506
	1997	21,000	300	6,300	24.60	155,040
	1998	22,000	285	6,270	27.20	170,374
	Spinach, Fresh Market <u>2/</u>	1992	7,000	205	1,435	18.20
1993		5,000	215	1,075	31.00	33,325
1994		7,100	205	1,456	30.80	44,845
1995		8,400	160	1,340	34.50	46,230
1996		9,000	150	1,350	30.90	41,715
1997		15,200	175	2,660	31.20	82,992
1998		15,000	160	2,400	36.10	86,640
Tomatoes, Fresh Market		1989	38,400	260	9,984	24.00
	1990	38,000	255	9,690	28.20	273,258
	1991	40,000	235	9,400	25.00	235,000
	1992	36,000	280	10,080	34.10	343,728
	1993	37,500	300	11,250	26.30	295,875
	1994	40,000	275	11,000	24.80	272,800
	1995	38,000	270	10,260	18.70	191,862
	1996	37,400	280	10,472	24.80	259,706
	1997	34,000	285	9,860	26.50	261,630
	1998	32,000	270	8,640	32.80	283,392

Vegetable and Melon Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Cwt. ^{1/}	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>\$1,000</i>
Miscellaneous Vegetables	1989	201,132	---	---	---	669,884
and Melons, Fresh Market	1990	219,350	---	---	---	711,961
and Processing ^{6/}	1991	303,700	---	---	---	884,344
	1992	131,118	---	---	---	347,442
	1993	132,470	---	---	---	656,547
	1994	122,084	---	---	---	827,313
	1995	156,267	---	---	---	825,877
	1996	168,349	---	---	---	936,082
	1997	170,699	---	---	---	938,145
	1998	170,000	---	---	---	1,056,000

^{1/} The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.

^{2/} Program initiated for 1992.

^{3/} Fresh market and processed acreage separated starting in 1993.

^{4/} Data not published for 1991.

^{5/} Onion production includes quantity harvested, but not marketed because of loss during storage (shrinkage): 1988 -- 280,000 cwt., 1989 -- 200,000 cwt., 1990 -- 234,000 cwt., 1991 -- 174,000 cwt., 1992 -- 275,000 cwt., 1993 -- 346,000 cwt., 1994 -- 266,000 cwt., 1995 -- 266,000 cwt., 1996 -- 292,000 cwt., 1997 -- 278,000 cwt., 1998 -- 250,000 cwt. Storage loss amounts are excluded when computing total value.

^{6/} Miscellaneous vegetables and melons include: Green lima beans for processing, oriental vegetables, green peas, chili peppers, squash, etc. The new crops added in 1992 are excluded from the 1992 to present miscellaneous totals. Miscellaneous figures come from County Agricultural Commissioners.

Processing Vegetable Acreage, Production, and Value, 1989-98

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Ton		Total Value
					First Delivery Point	Processing Plant Door	
		<i>Acres</i>	<i>Tons</i>	<i>Dollars</i>		<i>\$1,000</i>	
Tomatoes, Processing	1989	276,500	31.05	8,585,330	55.50	68.30	586,378
	1990	310,000	30.02	9,306,200	55.20	66.30	617,001
	1991	312,000	31.71	9,893,520	52.90	64.70	640,111
	1992	240,000	33.05	7,932,000	46.10	56.40	447,365
	1993	274,000	32.67	8,951,580	48.30	59.10	529,038
	1994	311,000	34.55	10,745,560	50.90	61.00	655,479
	1995	317,000	33.46	10,605,787	54.00	62.30	660,740
	1996	313,000	34.05	10,658,741	53.50	61.10	651,249
	1997	260,000	35.93	9,342,309	50.85	59.50	555,867
1998	280,000	31.76	8,892,800	54.65	62.60	556,689	
Cucumbers, Pickles	1989	4,300	12.20	52,460	---	247.00	12,958
	1990	4,700	13.30	62,510	---	214.00	13,377
	1991	4,200	13.01	54,640	---	230.00	12,567
	1992	2,500	16.10	40,250	---	209.00	8,412
	1993	4,200	10.24	43,010	---	192.00	8,258
	1994	4,900	9.26	45,370	---	183.00	8,303
	1995	5,200	8.10	42,120	---	383.00	16,132
	1996	6,200	7.00	43,400	---	370.00	16,058
	1997	4,200	7.19	30,200	---	296.00	8,939
1998	4,200	7.15	30,030	---	324.00	9,730	

Processing Tomato Acreage and Production by County, 1998

County	Contracted and Open Market			
	Planted	Harvested	Yield Per Acre	Production 1/
	<i>Acres</i>		<i>Tons</i>	
Colusa	23,200	23,000	30.81	708,600
Sacramento	6,000	6,000	28.78	172,700
Solano	11,800	11,700	30.95	362,100
Sutter	16,500	16,400	29.73	487,600
Yolo	57,000	56,600	29.17	1,651,300
Fresno	99,600	98,900	33.72	3,334,800
Kern	2,700	2,700	34.33	92,700
Merced	11,600	11,500	31.99	367,900
San Joaquin	27,300	27,100	31.41	851,300
Stanislaus	15,500	15,400	33.42	514,600
Other Counties 2/	10,800	10,700	32.64	349,200
STATE	282,000	280,000	31.76	8,892,800

1/ On the basis of PAID FOR TONNAGE purchased from growers as reported by processors, dockage not included.

2/ To avoid disclosure of individual operations, "Other Counties" includes: Contra Costa, Madera, Monterey, Kings, San Benito, Santa Barbara, Santa Clara, Tulare, and Ventura.

Vegetable and Melon Monthly Average Prices Received, 1996-98 1/

Crop	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
		<i>Dollars Per Cwt.</i>											
Asparagus	1996	84.50	84.50	87.90	85.30	85.70	81.10	80.00	---	---	---	---	---
	1997	161.00	140.00	116.00	104.00	92.40	154.00	---	---	---	---	---	---
	1998	179.00	158.00	144.00	134.00	123.00	164.00	234.00	211.00	199.00	152.00	148.00	---
Broccoli	1996	34.60	22.00	30.90	25.20	28.20	30.60	24.10	24.10	23.90	24.30	31.10	28.60
	1997	36.80	27.80	25.90	24.20	23.10	30.30	27.50	23.30	31.20	40.70	27.00	30.20
	1998	33.80	26.80	30.70	40.70	27.10	29.60	23.30	27.60	29.20	32.80	29.70	35.00
Carrots	1996	12.50	13.70	15.90	15.70	11.60	11.00	10.40	14.10	12.50	12.50	17.00	17.20
	1997	14.90	14.60	13.30	12.50	12.50	12.60	12.50	12.50	12.50	12.50	12.30	16.90
	1998	12.50	12.70	12.70	12.00	11.40	11.50	10.60	10.40	10.20	10.60	11.50	11.70
Cauliflower	1996	35.20	36.10	52.80	37.00	37.70	35.70	24.30	26.80	22.60	28.70	30.00	31.10
	1997	29.60	33.80	32.60	27.70	20.70	31.20	38.90	22.90	34.50	49.30	27.60	28.90
	1998	35.10	44.00	49.50	43.80	35.50	26.40	23.20	25.30	31.30	23.60	42.30	50.00
Celery	1996	7.90	8.50	12.20	11.60	8.90	11.50	11.10	9.20	10.80	9.30	12.40	13.40
	1997	16.20	16.20	12.30	10.50	15.40	9.89	19.00	16.40	14.00	13.40	18.40	19.10
	1998	11.20	11.40	16.40	13.80	15.40	12.40	9.99	9.39	9.80	9.91	11.90	14.00
Corn, Sweet	1996	---	---	---	21.50	17.10	16.20	16.70	16.10	19.50	19.20	20.00	21.00
	1997	---	---	---	20.30	18.80	14.90	15.80	14.90	16.50	18.20	19.80	19.70
	1998	---	---	---	33.60	20.00	14.80	12.60	11.00	15.20	26.20	25.60	24.50
Melons, Honeydew	1996	---	---	---	---	15.90	19.80	13.60	13.40	16.70	22.40	21.60	22.90
	1997	---	---	---	---	28.50	21.00	14.40	12.60	22.70	31.90	21.20	18.00
	1998	---	---	---	---	25.20	23.00	22.30	15.00	13.00	15.00	17.80	---
Lettuce, Head	1996	17.80	9.26	17.20	13.30	13.20	15.10	12.70	23.60	13.60	15.60	20.50	9.52
	1997	15.20	10.00	13.80	15.80	10.50	14.70	17.00	22.80	22.30	35.10	29.40	14.00
	1998	19.40	11.30	16.60	28.10	14.70	11.40	15.40	16.20	14.00	21.30	10.80	9.00
Onions, Spring	1996	---	---	---	10.70	9.60	9.90	9.50	---	---	---	---	---
	1997	---	---	---	16.60	12.60	15.50	14.10	---	---	---	---	---
	1998	---	---	---	15.90	14.40	13.40	21.10	---	---	---	---	---
Onions, Summer	1996	15.90	15.80	16.00	---	---	---	9.50	10.00	13.10	15.60	12.10	16.40
	1997	19.60	14.60	---	---	---	---	14.10	14.20	11.20	9.90	12.40	16.20
	1998	17.00	21.00	23.00	---	---	---	20.20	13.50	13.40	12.20	13.00	16.50
Tomatoes	1996	---	---	---	---	35.90	26.80	23.50	20.60	22.40	27.60	29.40	25.30
	1997	---	---	---	---	36.90	27.30	25.40	25.40	23.20	23.30	41.10	---
	1998	---	---	---	---	29.20	25.70	43.10	20.40	26.60	43.10	35.80	---

1/ Prices are F.O.B. shipping point.