

Statistical Review of California's Organic Agriculture

2009 – 2012

Karen Klonsky

Brian D. Healy

Agricultural Issues Center
University of California
October 2013

Statistical Review of California's Organic Agriculture 2009 – 2012

Karen Klonsky
Specialist in Cooperative Extension
Department of Agricultural and Resource Economics
University of California, Davis *and*
Associate Director
Agricultural Issues Center
University of California

Brian D. Healy
Graduate Student Researcher
Department of Agricultural and Resource Economics
University of California, Davis

Technical editing by
Marcia Kreith
University of California Agricultural Issues Center

For information regarding this publication contact:
Karen Klonsky
Phone: (530) 752-3563
Email: klonsky@primal.ucdavis.edu

Internet Release

The University of California Agricultural Issues Center has posted this publication on its website <http://aic.ucdavis.edu/research1/organic.html>. When using this material, please include attribution to the University of California Agricultural Issues Center.

© Copyright October 2013 The Regents of the University of California

University of California Agricultural Issues Center
One Shields Avenue
Davis CA 95616-5270
Email: agissues@ucdavis.edu
Web: <http://aic.ucdavis.edu>
Phone: (530) 752-2320

TABLE OF CONTENTS

Introduction	2
Figure 1. Geographic Regions of Organic Production in California.....	3
California Organic Agriculture by Commodity Group, 2009 – 2012	4
California Organic Agriculture by Region and Commodity Group, 2009.....	5
California Organic Agriculture by Region and Commodity Group, 2010.....	6
California Organic Agriculture by Region and Commodity Group, 2011	7
California Organic Agriculture by Region and Commodity Group, 2012.....	8
Percent of Registered Growers and Percent of Sales by Sales Class, 2009 – 2012.....	9
Entry and Exit Patterns of Registered Growers, 2009 – 2012	9
California Organic Agriculture by County, 2009 – 2012.....	10
Number of Growers.....	10
Number of Acres	12
Farm Level Sales Value – Dollars	14
California Organic Agriculture by Commodity, 2009 – 2012	16
Number of Growers.....	16
Number of Acres	22
Farm Level Sales Value – Dollars	28

Introduction

The California Organic Products Act (COPA), signed into law in 2003, provides protection to producers, processors, handlers and consumers in that foods produced and marketed as organic must meet specified standards. As part of the regulatory process, COPA requires annual registration of all processors, growers and handlers of commodities labeled as organic. State registration is separate from, and does not act as a substitute for, organic certification. State law mandates registration administered by the California Department of Food and Agriculture (CDFA) while federal law mandates certification by a USDA accredited third-party organization.

This publication quantifies the current size and growth of the organic industry in California in terms of acres, farm gate sales and number of growers statewide and by commodity, commodity group, county, and region based on CDFA registration data from 2009 – 2012. The 2009 values are revised from the previous publication in our series, “Statistical Review of California’s Organic Agriculture 2005 – 2009.” The six major commodity group classifications presented in this report include: field crops; fruit and nut crops; livestock, dairy, poultry and apiary products; nursery, greenhouse and floriculture; pasture and rangeland; and vegetable crops. The state’s counties are divided into eight geographic regions based on similar groupings used by CDFA in their annual statistical reports (Figure 1).

When interpreting the data, the following points should be considered. The numbers contained in this publication are derived solely from information provided in the annual registration forms of organic growers. In other words, the numbers are presented as *reported to* CDFA by growers. Only sales from products marketed as organic are required to be reported to CDFA. This means that income from sales of organically grown products sold in the conventional market may not be included. Income from government payments is not reported. Fallow land and land utilized for roads, houses and farm buildings were excluded from the analysis. The acreage reported here includes only those acres from which growers reported organic sales.

Finally, when interpreting the total number of growers, the sum of the subcategories may not equal the total because some individual growers have reported in multiple subcategories. For example, a grower producing vegetables and fruit will count as one vegetable grower and one fruit grower, and still only account for one of the total number of growers. Simply adding the number of vegetable growers to the number of fruit growers would result in double counting. Similarly, a grower producing wheat and corn counts as one corn grower and one wheat grower but only one of the total number of field crop producers.

From 2009 – 2012, the number of growers increased by 16 percent from 2,320 to 2,693 growers, acreage increased 36 percent from 434,295 to 589,235 acres, and sales increased 55 percent from \$973 million to \$1.5 billion dollars in gross sales. These numbers indicate expansion by existing growers and entry of new growers with substantive acreage and sales.

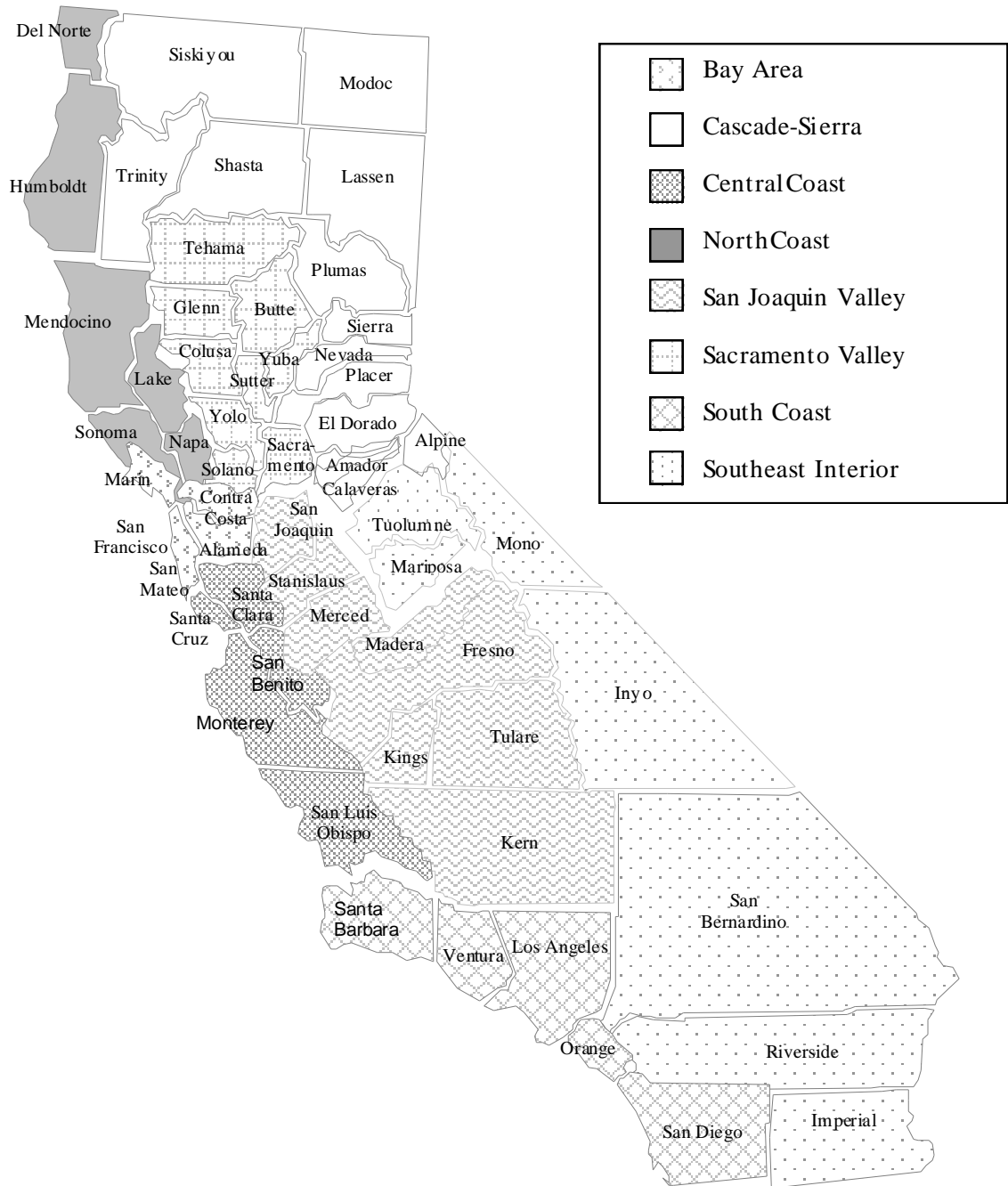


Figure 1. Geographic Regions of Organic Production in California

California Organic Agriculture by Commodity Group, 2009 – 2012

Number of Growers*

YEAR	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
2009	291	1,654	125	201	160	614	2,320
2010	297	1,706	123	193	154	614	2,329
2011	316	1,815	145	186	190	670	2,534
2012	362	1,910	151	206	216	715	2,693

* Row totals do not equal the sum of the columns because of growers in multiple commodity groups.

Number of Acres

YEAR	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
2009	77,738	57,643	25,205	351	187,888	85,470	434,295
2010	80,127	62,636	24,075	365	193,413	84,851	445,466
2011	81,519	68,020	30,540	378	252,162	86,232	518,852
2012	85,665	70,314	23,525	398	310,741	98,592	589,235

Farm Level Sales Value – Dollars

YEAR	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
2009	47,217,816	333,342,345	163,101,930	13,582,228	2,255,383	413,290,573	972,790,275
2010	46,403,636	378,887,994	202,884,137	17,369,312	2,230,761	422,070,152	1,069,845,992
2011	50,724,041	477,024,684	264,972,466	18,719,949	2,174,341	461,206,727	1,274,822,208
2012	62,565,409	578,794,619	277,515,243	23,340,753	1,365,841	560,819,615	1,504,401,480

California Organic Agriculture by Region and Commodity Group, 2009

Number of Growers*

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	10	33	11	19	16	34	68
Cascade-Sierra	57	57	9	25	22	63	148
Central Coast	31	197	9	46	9	152	298
North Coast	48	328	58	46	80	112	489
Sacramento Valley	86	156	10	22	16	64	269
San Joaquin Valley	33	325	20	10	14	76	409
South Coast	15	448	5	29	—	88	497
Southeast Interior	13	110	—	4	—	27	144
TOTAL Growers	291	1,654	125	201	160	614	2,320

Number of Acres

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	1,947	261	912	8	10,360	536	14,023
Cascade-Sierra	17,431	627	430	91	48,982	734	68,295
Central Coast	191	3,433	1,365	108	18,624	22,789	46,510
North Coast	5,709	9,019	14,592	23	54,324	442	84,109
Sacramento Valley	17,122	5,519	1,740	36	29,104	3,737	57,256
San Joaquin Valley	33,662	26,134	6,035	13	26,395	25,051	117,291
South Coast	187	10,009	71	63	—	25,178	35,513
Southeast Interior	1,489	2,642	—	9	—	7,003	11,298
TOTAL Acres	77,738	57,643	25,205	351	187,888	85,470	434,295

Farm Level Sales Value – Dollars

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	394,415	1,872,982	13,899,911	307,676	7,524	3,106,396	19,588,905
Cascade-Sierra	15,410,481	1,112,839	416,631	186,021	65,127	1,867,670	19,058,769
Central Coast	1,343,529	60,890,766	797,954	8,404,119	87	152,649,976	224,086,430
North Coast	864,411	36,869,256	71,866,840	2,121,534	1,875,441	7,080,757	120,678,238
Sacramento Valley	19,467,014	22,779,041	3,876,141	782,523	104,825	22,866,371	69,875,913
San Joaquin Valley	7,608,811	119,103,204	64,531,781	397,852	201,375	144,264,184	336,107,207
South Coast	310,424	70,466,163	6,969,182	1,273,617	—	50,485,449	129,505,836
Southeast Interior	1,818,733	20,248,093	—	108,886	—	30,969,771	53,888,977
TOTAL Sales	47,217,816	333,342,345	163,101,930	13,582,228	2,255,383	413,290,573	972,790,275

* Row totals do not equal the sum of the columns because of growers in multiple commodity groups. The sum of the regions may not equal the Total Growers because of growers in multiple regions.

— Data not reported to protect confidentiality.

California Organic Agriculture by Region and Commodity Group, 2010

Number of Growers*

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	13	35	12	18	16	41	73
Cascade-Sierra	61	65	9	23	21	59	146
Central Coast	28	213	12	43	9	152	307
North Coast	47	335	53	42	78	109	482
Sacramento Valley	84	151	11	20	14	66	256
San Joaquin Valley	37	356	17	9	13	68	433
South Coast	17	447	7	33	—	85	492
Southeast Interior	12	104	—	5	—	36	142
TOTAL Growers	297	1,706	123	193	154	614	2,329

Number of Acres

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	1,848	359	2,640	6	13,520	383	18,756
Cascade-Sierra	17,884	687	233	53	48,725	620	68,203
Central Coast	598	4,273	2,199	131	20,064	25,472	52,737
North Coast	6,259	8,889	13,980	20	62,172	720	92,042
Sacramento Valley	18,678	5,494	3,173	31	27,622	4,100	59,098
San Joaquin Valley	33,456	29,801	1,785	9	21,210	20,754	107,015
South Coast	189	10,006	25	36	—	25,321	35,582
Southeast Interior	1,214	3,127	—	78	—	7,480	12,033
TOTAL Acres	80,127	62,636	24,075	365	193,413	84,851	445,466

Farm Level Sales Value - Dollars

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	337,059	2,404,830	13,948,933	226,716	156,521	4,498,807	21,572,866
Cascade-Sierra	12,763,728	1,190,528	311,186	62,597	154,324	1,790,976	16,273,338
Central Coast	647,826	75,117,568	1,185,457	10,642,759	11	184,169,537	271,763,160
North Coast	664,795	38,766,519	132,199,069	2,308,570	1,610,581	7,277,822	182,827,356
Sacramento Valley	22,691,507	19,425,858	5,338,087	1,010,935	107,353	24,516,495	73,090,234
San Joaquin Valley	4,595,816	154,506,789	45,134,036	1,276,984	200,967	96,590,400	302,304,992
South Coast	355,805	66,412,741	4,064,559	1,389,402	—	63,039,181	135,262,689
Southeast Interior	4,347,101	21,063,160	—	451,349	—	40,186,935	66,751,357
TOTAL Sales	46,403,636	378,887,994	202,884,137	17,369,312	2,230,761	422,070,152	1,069,845,992

* Row totals do not equal the sum of the columns because of growers in multiple commodity groups. The sum of the regions may not equal the Total Growers because of growers in multiple regions.

— Data not reported to protect confidentiality.

California Organic Agriculture by Region and Commodity Group, 2011

Number of Growers*

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	11	36	14	19	24	36	78
Cascade-Sierra	60	61	12	22	23	56	153
Central Coast	30	233	13	37	12	160	337
North Coast	51	362	60	44	91	120	532
Sacramento Valley	89	152	13	23	21	73	277
San Joaquin Valley	42	387	25	9	16	89	476
South Coast	21	472	6	28	—	106	533
Southeast Interior	14	112	—	4	—	32	150
TOTAL Growers	316	1,815	145	186	190	670	2,534

Number of Acres

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	1,839	423	2,662	9	20,207	654	25,794
Cascade-Sierra	18,400	643	3,264	115	65,063	842	88,326
Central Coast	1,116	4,351	2,271	131	31,732	18,185	57,786
North Coast	7,398	9,384	14,302	20	72,937	478	104,520
Sacramento Valley	19,260	5,690	3,857	45	34,002	4,745	67,598
San Joaquin Valley	31,408	32,810	4,028	9	27,369	24,687	120,311
South Coast	189	11,002	117	40	—	27,072	38,425
Southeast Interior	1,910	3,717	—	10	—	9,568	16,092
TOTAL Acres	81,519	68,020	30,540	378	252,162	86,232	518,852

Farm Level Sales Value - Dollars

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	266,718	2,923,161	13,481,414	358,119	7,545	13,026,152	30,063,110
Cascade-Sierra	12,733,880	1,032,418	466,052	53,760	103,868	1,810,411	16,200,390
Central Coast	3,153,421	92,017,876	1,121,531	12,285,158	14	158,978,429	267,556,429
North Coast	1,156,890	46,540,000	152,016,861	2,263,498	1,083,182	7,841,328	210,901,758
Sacramento Valley	21,788,501	23,810,338	7,446,218	913,997	176,735	27,144,943	81,280,732
San Joaquin Valley	7,841,932	182,036,909	89,761,656	238,097	800,091	130,224,126	410,902,811
South Coast	446,265	105,694,363	27,755	2,433,391	—	76,908,081	185,512,756
Southeast Interior	3,336,433	22,969,619	—	173,928	—	45,273,256	72,404,221
TOTAL Sales	50,724,041	477,024,684	264,972,466	18,719,949	2,174,341	461,206,727	1,274,822,208

* Row totals do not equal the sum of the columns because of growers in multiple commodity groups. The sum of the regions may not equal the Total Growers because of growers in multiple regions.

— Data not reported to protect confidentiality.

California Organic Agriculture by Region and Commodity Group, 2012

Number of Growers*

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	15	47	19	22	31	48	97
Cascade-Sierra	74	69	8	24	28	69	179
Central Coast	37	261	12	44	9	170	367
North Coast	61	389	70	44	106	116	575
Sacramento Valley	98	157	12	24	23	83	295
San Joaquin Valley	44	380	21	11	16	91	475
South Coast	20	479	6	33	—	105	544
Southeast Interior	15	128	—	4	—	35	163
TOTAL Growers	362	1,910	151	206	216	715	2,693

Number of Acres

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	1,797	286	1,556	35	28,406	893	32,972
Cascade-Sierra	21,554	624	210	6	64,400	977	87,772
Central Coast	788	5,178	2,221	225	38,586	22,814	69,811
North Coast	9,150	10,317	13,943	19	107,667	2,231	143,327
Sacramento Valley	23,137	6,368	1,705	42	43,437	4,936	79,625
San Joaquin Valley	26,405	31,733	3,482	11	27,393	29,512	118,537
South Coast	181	10,986	318	50	—	26,814	38,354
Southeast Interior	2,653	4,823	—	8	—	10,415	18,837
TOTAL Acres	85,665	70,314	23,525	398	310,741	98,592	589,235

Farm Level Sales Value – Dollars

REGION	Field Crops	Fruit & Nut Crops	Livestock, Dairy, Poultry & Apiary	Nursery, Greenhouse & Floriculture	Pasture & Rangeland	Vegetable Crops	TOTAL
Bay Area	536,599	2,501,164	18,240,433	360,120	24,725	16,467,378	38,130,419
Cascade-Sierra	15,610,081	1,276,263	418,198	95,491	173,562	3,741,940	21,315,536
Central Coast	745,700	105,078,379	1,647,535	14,196,711	119,036	163,157,686	284,945,046
North Coast	1,029,513	65,137,797	154,269,362	2,481,078	147,575	8,932,647	231,997,971
Sacramento Valley	30,139,752	28,020,518	8,543,738	910,736	600,873	38,291,432	106,507,049
San Joaquin Valley	10,491,430	220,057,541	80,617,339	597,199	300,062	187,467,371	499,530,942
South Coast	471,867	124,230,162	13,079,286	4,522,613	—	94,743,859	237,047,789
Southeast Interior	3,540,466	32,492,796	—	176,805	—	48,017,302	84,926,728
TOTAL Sales	62,565,409	578,794,619	277,515,243	23,340,753	1,365,841	560,819,615	1,504,401,480

* Row totals do not equal the sum of the columns because of growers in multiple commodity groups. The sum of the regions may not equal the Total Growers because of growers in multiple regions.

— Data not reported to protect confidentiality.

Percent of Registered Growers and Percent of Sales by Sales Class, 2009 - 2012

Sales Class (\$ per year)	2009		2010		2011		2012	
	% Growers	% Sales	% Growers	% Sales	% Growers	% Sales	% Growers	% Sales
0 - 4,999	22	<1	21	<1	20	<1	20	<1
5,000 - 9,999	7	<1	7	<1	7	<1	6	<1
10,000 - 49,999	24	1	25	1	25	1	24	1
50,000 - 99,999	11	2	13	2	12	2	11	1
100,000 - 249,999	13	5	13	4	14	5	14	4
250,000 - 499,999	8	7	8	6	8	6	8	5
500,000 - 999,999	7	11	7	11	7	10	8	10
1,000,000 & above	8	73	8	75	9	77	9	78
All	100	100	100	100	100	100	100	100

Entry and Exit Patterns of Registered Growers, 2009 – 2012

Organic Growers:	2009	2010	2011	2012
Continuing from the previous year	1,948	1,984	1,918	2,197
Entering	372	345	616	496
Total registered growers	2,320	2,329	2,534	2,693
Exiting at the end of the year	336	411	337	n/a
Continuing into the next year	1,984	1,918	2,197	n/a

n/a = not available

California Organic Agriculture by County, 2009 – 2012

Number of Growers*

Region/County	2009	2010	2011	2012
Bay Area	68	73	78	97
Alameda	4	6	7	8
Contra Costa	9	9	11	15
Marin	47	45	49	57
San Francisco	0	0	0	0
San Mateo	8	13	11	17
Cascade-Sierra	148	146	153	179
Amador	5	8	6	5
Calaveras	4	5	5	5
El Dorado	15	16	14	18
Lassen	—	—	—	4
Modoc	14	14	13	23
Nevada	26	24	24	31
Placer	18	14	21	22
Plumas	—	—	—	—
Shasta	22	22	24	27
Sierra	0	0	0	0
Siskiyou	36	34	37	39
Trinity	—	—	—	—
Central Coast	298	307	337	367
Monterey	83	85	84	96
San Benito	49	50	61	63
San Luis Obispo	67	72	83	89
Santa Clara	12	12	17	18
Santa Cruz	87	88	92	101
North Coast	489	482	532	575
Del Norte	4	—	5	7
Humboldt	110	97	104	109
Lake	65	75	67	72
Mendocino	122	117	119	116
Napa	52	63	77	80
Sonoma	136	127	160	191

* The total of the counties may not equal the region total because of growers in multiple counties.
 — Data not reported to protect confidentiality.

California Organic Agriculture by County, 2009 – 2012

Number of Growers*(continued)

Region/County	2009	2010	2011	2012
Sacramento Valley	269	256	277	295
Butte	48	51	51	56
Colusa	23	20	18	22
Glenn	33	37	32	30
Sacramento	14	11	14	22
Solano	27	26	33	29
Sutter	30	29	31	31
Tehama	22	19	23	21
Yolo	55	50	60	68
Yuba	17	13	15	16
San Joaquin Valley	409	433	476	475
Fresno	141	159	163	159
Kern	36	32	37	37
Kings	20	19	24	26
Madera	42	44	52	50
Merced	43	44	56	60
San Joaquin	28	28	31	30
Stanislaus	28	30	30	33
Tulare	71	77	83	80
South Coast	497	492	533	544
Los Angeles	15	16	21	21
Orange	9	8	10	10
San Bernardino	—	—	8	7
San Diego	319	306	316	318
Santa Barbara	74	82	98	110
Ventura	77	77	80	78
Southeast Interior	144	142	150	163
Imperial	24	21	24	26
Inyo	—	—	—	—
Mono	—	—	—	—
Riverside	112	114	119	131
Tuolumne	4	—	4	—

* The total of the counties may not equal the region total because of growers in multiple counties.
 — Data not reported to protect confidentiality.

California Organic Agriculture by County, 2009 – 2012

Number of Acres

Region/County	2009	2010	2011	2012
Bay Area	14,023	18,756	25,794	32,972
Alameda	79	171	207	94
Contra Costa	376	191	192	359
Marin	13,538	18,322	25,023	32,007
San Francisco	0	0	0	0
San Mateo	30	72	371	512
Cascade-Sierra	68,295	68,203	88,326	87,772
Amador	673	711	3,423	363
Calaveras	37	47	45	40
El Dorado	85	135	123	161
Lassen	—	—	—	13,082
Modoc	5,340	4,993	12,964	15,114
Nevada	161	101	254	128
Placer	2,683	2,584	2,627	2,415
Plumas	—	—	—	—
Shasta	2,026	1,626	1,470	1,552
Sierra	0	0	0	0
Siskiyou	44,606	45,469	53,756	54,548
Trinity	—	—	—	—
Central Coast	46,510	52,737	57,786	69,811
Monterey	23,924	25,414	23,356	25,145
San Benito	12,161	13,696	23,500	30,854
San Luis Obispo	6,956	7,765	7,933	8,406
Santa Clara	351	1,624	509	534
Santa Cruz	3,117	4,238	2,488	4,871
North Coast	84,109	92,042	104,520	143,327
Del Norte	8,614	—	9,014	9,198
Humboldt	42,793	49,578	55,555	79,897
Lake	1,737	2,187	2,293	2,439
Mendocino	6,381	6,146	7,749	8,153
Napa	2,285	2,025	3,006	3,416
Sonoma	22,300	23,532	26,903	40,224

— Data not reported to protect confidentiality.

California Organic Agriculture by County, 2009 – 2012

Number of Acres (continued)

Region/County	2009	2010	2011	2012
Sacramento Valley	57,256	59,098	67,598	79,625
Butte	13,757	14,885	15,405	16,519
Colusa	2,115	2,322	2,685	3,095
Glenn	3,440	3,818	3,524	5,036
Sacramento	435	549	598	2,084
Solano	1,407	1,068	1,677	1,483
Sutter	9,343	10,246	10,339	10,799
Tehama	12,290	12,164	12,433	11,438
Yolo	13,304	13,162	20,009	28,113
Yuba	1,166	882	930	1,058
San Joaquin Valley	117,291	107,015	120,311	118,537
Fresno	19,440	28,846	28,611	24,084
Kern	26,745	19,747	22,569	29,909
Kings	18,726	14,393	11,955	8,214
Madera	5,061	5,035	5,584	5,365
Merced	28,005	30,778	35,344	33,835
San Joaquin	1,120	1,016	1,262	1,293
Stanislaus	14,898	3,357	11,434	11,410
Tulare	3,295	3,842	3,552	4,427
South Coast	35,513	35,582	38,425	38,354
Los Angeles	18,995	18,927	19,026	18,961
Orange	310	176	637	244
San Bernardino	—	—	132	133
San Diego	6,161	5,768	6,700	6,682
Santa Barbara	5,482	5,827	6,969	7,644
Ventura	4,541	4,854	4,960	4,690
Southeast Interior	11,298	12,033	16,092	18,837
Imperial	7,458	7,545	9,905	11,376
Inyo	—	—	—	—
Mono	—	—	—	—
Riverside	3,473	4,121	5,300	6,566
Tuolumne	50	—	63	—

— Data not reported to protect confidentiality.

California Organic Agriculture by County, 2009 – 2012

Farm Level Sales Value – Dollars

Region/County	2009	2010	2011	2012
Bay Area	19,588,905	21,572,866	30,063,110	38,130,419
Alameda	687,650	1,397,146	1,693,759	941,831
Contra Costa	2,061,169	2,418,201	2,902,797	3,860,793
Marin	16,617,009	17,326,512	17,117,810	22,844,419
San Francisco	0	0	0	0
San Mateo	223,077	431,007	8,348,744	10,483,376
Cascade-Sierra	19,058,769	16,273,338	16,200,390	21,315,536
Amador	598,713	631,448	584,070	1,218,441
Calaveras	69,126	70,337	115,695	53,378
El Dorado	242,895	286,714	215,536	301,656
Lassen	—	—	—	1,010,665
Modoc	1,907,008	2,269,890	1,854,884	3,792,094
Nevada	603,495	333,030	279,183	676,805
Placer	4,333,757	3,988,430	5,015,612	4,157,436
Plumas	—	—	—	—
Shasta	1,062,596	1,070,540	1,100,696	948,981
Sierra	0	0	0	0
Siskiyou	9,693,869	7,147,746	6,374,985	9,098,989
Trinity	—	—	—	—
Central Coast	224,086,430	271,763,160	267,556,429	284,945,046
Monterey	127,606,115	156,023,786	150,573,046	162,805,446
San Benito	26,447,718	37,952,112	22,103,611	26,362,028
San Luis Obispo	20,841,649	14,950,736	15,904,113	15,582,099
Santa Clara	8,776,135	8,807,231	13,704,459	11,329,245
Santa Cruz	40,414,813	54,029,295	65,271,201	68,866,228
North Coast	120,678,238	182,827,356	210,901,758	231,997,971
Del Norte	9,641,006	—	9,641,255	10,496,248
Humboldt	27,376,574	24,392,391	33,351,869	31,677,514
Lake	2,438,681	4,102,424	4,204,327	4,195,115
Mendocino	21,393,229	20,727,042	20,492,691	33,537,809
Napa	13,469,608	14,534,641	19,741,021	26,658,234
Sonoma	46,359,139	107,240,942	123,470,595	125,433,052

— Data not reported to protect confidentiality.

California Organic Agriculture by County, 2009 – 2012

Farm Level Sales Value – Dollars (continued)

Region/County	2009	2010	2011	2012
Sacramento Valley	69,875,913	73,090,234	81,280,732	106,507,049
Butte	7,153,183	7,874,381	9,643,203	12,041,820
Colusa	5,109,386	6,510,743	6,142,867	7,616,695
Glenn	5,813,305	6,583,040	7,050,990	10,062,436
Sacramento	1,318,398	2,462,400	3,159,194	5,068,082
Solano	7,111,694	4,750,629	7,131,022	8,058,890
Sutter	11,721,818	12,817,357	10,436,000	14,904,743
Tehama	2,342,932	2,598,970	3,840,366	3,625,148
Yolo	23,840,106	23,860,034	28,381,709	39,766,427
Yuba	5,465,092	5,632,679	5,495,381	5,362,806
San Joaquin Valley	336,107,207	302,304,992	410,902,811	499,530,942
Fresno	54,542,698	55,925,201	76,961,805	94,672,058
Kern	141,208,247	110,024,006	137,660,998	204,656,678
Kings	13,757,329	10,309,129	15,811,171	20,304,158
Madera	13,923,954	14,577,000	13,647,302	19,802,176
Merced	50,719,766	53,083,152	91,872,139	71,984,846
San Joaquin	7,503,965	10,719,807	7,570,379	11,720,562
Stanislaus	31,272,906	23,362,701	39,006,429	37,006,963
Tulare	23,178,341	24,303,996	28,372,588	39,383,501
South Coast	129,505,836	135,262,689	185,512,756	237,047,789
Los Angeles	7,531,198	4,388,986	889,938	1,361,384
Orange	2,882,767	3,247,014	2,363,928	5,228,863
San Bernardino	—	—	487,578	12,949,918
San Diego	43,442,067	36,746,959	41,984,474	67,121,199
Santa Barbara	35,940,232	38,189,431	44,221,473	69,611,112
Ventura	39,640,388	52,631,605	95,565,365	80,775,312
Southeast Interior	53,888,977	66,751,357	72,404,221	84,926,728
Imperial	35,256,976	46,260,481	50,717,772	54,467,125
Inyo	—	—	—	—
Mono	—	—	—	—
Riverside	17,325,463	19,436,488	20,652,637	29,315,884
Tuolumne	754,587	—	658,263	—

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Growers*

Commodity		2009	2010	2011	2012
Fruit & Nut Crops TOTAL		1,654	1,706	1,815	1,910
Berries	Blackberry	85	99	97	96
	Blueberry	58	59	67	64
	Boysenberry	19	17	15	13
	Currant	—	—	0	—
	Olallieberry	8	8	7	9
	Raspberry	86	83	81	92
	Strawberry	154	163	179	212
	Other	17	19	20	22
Citrus	Grapefruit	122	133	149	149
	Kumquat	20	24	24	29
	Lemons	181	192	226	232
	Lime	62	64	66	79
	Mandarins	16	28	34	39
	Orange	251	252	260	272
	Tangelo	56	53	63	55
	Tangerines & mandarins	92	96	100	98
	Other	25	24	30	29
Grapes	Grapes, all**	402	411	450	460
	<i>Grapes, juice</i>	6	8	8	8
	<i>Grapes, raisin</i>	94	101	111	99
	<i>Grapes, table</i>	103	98	93	85
	<i>Grapes, wine</i>	221	225	268	285
	<i>Grapes, other</i>	6	6	—	5
Nuts	Almond	81	78	85	86
	Chestnut	8	12	13	15
	Hazelnut	—	—	—	—
	Macadamia	4	9	8	4
	Peanut	—	0	0	4
	Pecan	5	6	8	7
	Pistachio	15	12	14	16
	Walnut	159	168	170	179
	Other	0	0	—	—
Pome Fruits	Apple	202	205	219	232
	Asian pear	46	47	58	52
	Crabapple	—	4	—	4
	Pear	84	88	100	107
	Quince	19	16	25	26
	Other	—	—	—	—

* The sum of the number of growers by commodity does not equal the group total because of growers with multiple commodities.

— Data not reported to protect confidentiality.

** Grapes, all equals the number of growers who produce and market organic grape juice, raisins, table grapes, wine, and other uses.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Growers* (continued)

Commodity		2009	2010	2011	2012
Stone Fruits	Apricot	78	79	78	77
	Cherry	60	69	79	64
	Nectarine	73	80	84	82
	Peach	132	140	157	135
	Plum	118	120	139	126
	Pluots	17	24	32	30
	Prune	28	35	39	38
	Other	24	25	27	24
Subtropical & Tropical Fruits	Avocado	290	312	323	324
	Banana	—	5	—	0
	Cherimoya	24	17	21	22
	Date	14	13	16	23
	Fig	78	83	103	98
	Guava	34	31	33	37
	Jujube	13	15	17	15
	Kiwi fruit	31	33	36	31
	Loquat	12	12	12	7
	Mango	—	—	—	—
	Olive	41	50	74	87
	Papaya	—	—	0	—
	Passion fruit	9	7	7	7
	Persimmon	112	123	121	126
	Pineapple	—	0	0	0
	Pomegranate	68	95	110	110
	Prickly pear	—	5	4	—
Other	17	16	19	18	
Vegetable Crops TOTAL		614	614	670	715
Alliums	Chives	32	35	40	51
	Garlic	127	153	165	169
	Leeks	85	100	120	152
	Onions	182	205	240	255
	Shallots	27	35	40	45
	Other	15	11	16	14

* The sum of the number of growers by commodity does not equal the group total because of growers with multiple commodities.

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Growers* (continued)

	Commodity	2009	2010	2011	2012
Brassicas	Arugula	94	106	114	127
	Broccoli	168	171	203	231
	Brussels sprouts	27	33	37	38
	Cabbage	127	130	161	175
	Cauliflower	88	101	117	134
	Chinese cabbage	24	30	34	37
	Collards	69	74	89	107
	Horseradish	8	9	12	12
	Kale	134	159	190	225
	Kohlrabi	32	34	44	50
	Misc. leaf vegetables	62	71	87	105
	Mustard	51	56	60	70
	Radish & daikon	108	115	156	161
	Turnip	69	82	99	104
	Watercress	9	11	16	17
Brassicas, other	36	35	43	45	
Unclassified	Mixed vegetables	0	5	6	7
	Vegetable crops, fallow	5	6	12	11
Chenopods	Beets	182	191	227	256
	Chard	171	177	210	223
	Spinach	135	146	164	183
	Other	—	8	7	8
Composites	Artichokes	64	75	82	98
	Burdock	6	—	4	—
	Cardoon	—	—	4	—
	Chickory	16	16	26	25
	Endive	30	26	31	30
	Lettuce, all	196	218	242	258
	Radicchio	36	42	46	40
	Salad mix	85	88	88	106
	Salsify	—	—	—	—
	Other	18	17	22	23
Cucurbits	Cantaloupe	114	124	135	149
	Cucumber	204	206	240	254
	Gourd	19	21	22	23
	Honeydew	48	50	52	55
	Pumpkin	42	50	71	75
	Squash, summer	239	259	285	297
	Squash, winter	175	191	209	244
	Watermelon	103	113	130	147
	Other	61	66	59	53

* The sum of the number of growers by commodity does not equal the group total because of growers with multiple commodities.

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Growers* (continued)

Commodity		2009	2010	2011	2012
Legumes & Sprouts	Beans, fresh market	177	186	210	223
	Peas, fresh market	106	107	126	145
	Sprouts	12	17	12	13
	Other	13	18	22	24
Other Vegetables	Jicama	—	—	0	4
	Rhubarb	25	24	31	33
	Sweet potatoes	12	13	17	25
	Yams	5	10	8	14
	Other	22	29	24	27
Solanaceous Crops	Eggplants	129	136	146	167
	Peppers	212	218	239	267
	Potato	110	130	134	164
	Tomatillo	54	56	77	68
	Tomato, canned/processed	30	33	33	41
	Tomato, fresh market	290	298	331	351
	Other	—	—	—	4
Succulent Vegetables & Sweet Corn	Asparagus	44	41	40	49
	Mushrooms	14	15	13	19
	Okra	33	33	35	48
	Prickly pear pads	5	9	16	17
	Sweet corn	99	108	119	121
	Other	7	9	7	6
Umbels & Herbs	Basil	153	166	194	203
	Carrots	147	170	197	220
	Celery & celeriac	64	78	94	107
	Cilantro	107	119	140	162
	Fennel	66	80	85	102
	Mixed herbs	114	115	128	134
	Parsley	93	94	113	136
	Parsnip	11	17	22	28
	Other	70	78	87	96
Field Crops TOTAL		291	297	316	362
Fiber	Cotton	—	—	—	—
	Flax	0	0	—	—
	Cover crops	—	—	—	—
	Other	0	—	0	0

* The sum of the number of growers by commodity does not equal the group total because of growers with multiple commodities.

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Growers* (continued)

Commodity		2009	2010	2011	2012
Legumes	Alfalfa	59	55	52	66
	Beans, dried	20	23	27	34
	Clover	4	—	—	—
	Peas, dried	11	18	21	17
	Soybeans	4	10	10	9
	Vetch	8	10	7	8
	Other	5	10	11	13
	Grain & Forage Crops	Barley	16	29	24
Buckwheat		0	—	—	4
Field & seed crops fallow		—	6	6	4
Field corn		23	28	28	35
Mixed ingredients feed		—	4	—	6
Oats		26	23	23	26
Popcorn		8	11	11	9
Rice		61	55	60	70
Rye		4	9	9	12
Ryegrass		19	14	13	14
Sorghum		—	—	—	0
Sudan grass		—	4	—	4
Wheat		34	38	44	53
Wild rice		10	7	8	8
Other		40	42	33	36
Sugar Crops	Cane	—	—	—	—
	Sugarbeets	0	—	—	—
	Other	—	0	0	—
Oil Crops	Joboba	—	—	—	—
	Safflower	11	9	4	10
	Sesame	0	0	0	—
	Sunflower	5	8	—	7
	Other	—	4	—	4
Seed Crops	Grass	5	4	4	8
	Legume	—	5	5	—
	Sesame, confectionary	—	—	0	0
	Sunflower, confectionary	4	6	—	—
	Vegetable seed	6	7	6	11
	Other	7	8	6	10
Beverage Crops	Coffee & tea	—	—	—	—
	Other	4	4	4	4

* The sum of the number of growers by commodity does not equal the group total because of growers with multiple commodities.

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Growers* (continued)

Commodity		2009	2010	2011	2012
Livestock, Dairy, Poultry & Apiary TOTAL		125	123	145	151
Dairy	Dairy cattle	24	18	30	26
	Milk, fluid	23	25	30	45
	Other	17	14	17	15
Livestock	Cattle	29	30	33	28
	Chickens, meat	4	8	8	6
	Ducks	—	—	—	—
	Goats	0	—	—	—
	Hogs & pigs	—	4	5	—
	Honey	—	4	5	7
	Layer hens (eggs)	33	34	35	38
	Livestock and poultry, others	—	—	4	—
	Sheep & lambs	5	4	5	5
	Turkeys	—	—	4	—
Pasture & Rangeland TOTAL		160	154	190	216
Pasture & Rangeland	Pasture (irrigated)	98	103	126	150
	Rangeland	35	32	44	54
	Woodlot	7	6	6	6
	Other	59	54	60	57
Nursery, Greenhouse & Floriculture TOTAL		201	193	186	206
	Cactus, Aloe Vera	7	9	—	5
	Christmas trees	—	0	—	—
	Edible flowers	24	21	22	27
	Greenhouse cut flowers or greens	10	13	12	16
	Greenhouse grown container plants/ornamentals	24	26	19	19
	Greenhouse grown vegetable transplants	54	50	53	57
	Outdoor grown container plants/ornamentals	21	23	14	15
	Outdoor grown cut flowers or greens	90	83	82	89
	Outdoor grown vegetable transplants	17	18	18	22
	Vines, canes & other propagative matter	4	4	0	—
	Other	32	37	34	30

* The sum of the number of growers by commodity does not equal the group total because of growers with multiple commodities.

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Acres

Commodity		2009	2010	2011	2012
Fruit & Nut Crops TOTAL		57,643	62,636	68,020	70,314
Berries	Blackberry	184	363	403	312
	Blueberry	495	584	697	936
	Boysenberry	6	5	5	2
	Currant	—	—	0	—
	Olallieberry	2	3	2	3
	Raspberry	741	919	744	1,007
	Strawberry	1,674	2,009	2,178	2,681
	Other	2	4	25	9
Citrus	Grapefruit	735	691	839	1,115
	Kumquat	12	12	15	14
	Lemons	1,705	1,729	2,146	2,530
	Lime	44	39	36	46
	Mandarins	42	138	301	385
	Orange	4,712	4,862	4,888	5,055
	Tangelo	203	222	287	267
	Tangerines & mandarins	368	364	491	552
Other	26	91	97	86	
Grapes	Grapes, all**	21,066	21,451	25,225	23,083
	<i>Grapes, juice</i>	166	294	233	201
	<i>Grapes, raisin</i>	8,648	9,848	11,154	9,263
	<i>Grapes, table</i>	3,935	3,199	3,671	3,490
	<i>Grapes, wine</i>	8,301	8,095	10,168	10,127
	<i>Grapes, other</i>	15	15	—	2
Nuts	Almond	4,889	5,818	6,680	6,383
	Chestnut	42	43	58	52
	Hazelnut	—	—	—	—
	Macadamia	12	12	4	1
	Peanut	—	0	0	2
	Pecan	122	1	4	3
	Pistachio	862	1,047	1,146	1,091
	Walnut	4,375	4,692	4,695	5,393
Other	0	0	—	—	
Pome Fruits	Apple	2,277	2,271	1,823	2,033
	Asian pear	31	28	36	34
	Crabapple	—	25	—	25
	Pear	217	308	320	460
	Quince	2	1	2	4
	Other	—	—	—	—

— Data not reported to protect confidentiality.

** Grapes, all equals the number of acres of organic grape juice, raisins, table grapes, wine, and other uses.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Acres (continued)

Commodity		2009	2010	2011	2012
Stone Fruits	Apricot	306	314	266	324
	Cherry	241	480	379	423
	Nectarine	677	814	603	1,025
	Peach	975	1,085	1,106	1,499
	Plum	831	821	544	862
	Pluots	41	89	69	107
	Prune	1,173	1,525	1,492	1,586
	Other	138	163	183	154
Subtropical & Tropical Fruits	Avocado	4,242	4,284	4,436	4,316
	Banana	—	1	—	0
	Cherimoya	20	33	31	17
	Date	761	1,483	1,523	1,701
	Fig	1,197	1,287	1,016	1,093
	Guava	16	15	9	18
	Jujube	8	8	12	8
	Kiwi fruit	307	436	475	489
	Loquat	1	1	1	1
	Mango	—	—	—	—
	Olive	1,356	1,033	1,361	2,200
	Papaya	—	—	0	—
	Passion fruit	3	3	3	3
	Persimmon	131	152	187	195
	Pineapple	—	0	0	0
	Pomegranate	289	798	1,064	647
	Prickly pear	—	1	1	—
	Other	23	16	25	19
Vegetable Crops TOTAL		85,470	84,851	86,232	98,592
Alliums	Chives	21	21	21	25
	Garlic	520	449	633	687
	Leeks	268	283	289	342
	Onions	1,351	2,557	1,359	1,306
	Shallots	26	23	37	39
	Other	171	165	168	168

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Acres (continued)

Commodity		2009	2010	2011	2012
Brassicas	Arugula	588	712	1,007	649
	Broccoli	4,156	4,082	3,669	4,039
	Brussels sprouts	28	46	28	52
	Cabbage	634	713	687	739
	Cauliflower	1,141	1,273	1,314	1,552
	Chinese cabbage	90	117	18	103
	Collards	136	214	149	165
	Horseradish	174	79	165	240
	Kale	424	514	574	713
	Kohlrabi	5	40	12	28
	Misc. leaf vegetables	2,398	1,705	286	326
	Mustard	137	101	252	183
	Radish & daikon	350	370	356	421
	Turnip	55	83	75	108
	Watercress	1	1	3	4
Other	80	345	113	105	
Unclassified	Mixed vegetables	0	7	15	24
	Vegetable crops, fallow	433	1,054	806	594
Chenopods	Beets	764	809	814	906
	Chard	660	695	918	877
	Spinach	4,314	4,758	5,176	6,186
	Other	—	4	4	5
Composites	Artichokes	796	688	594	623
	Burdock	146	—	15	—
	Cardoon	—	—	1	—
	Chickory	129	130	143	158
	Endive	351	234	156	223
	Lettuce, all	5,550	5,025	4,952	6,714
	Radicchio	295	1,128	1,263	337
	Salad mix	8,916	9,137	7,780	9,029
	Salsify	—	—	—	—
	Other	193	10	136	15
Cucurbits	Cantaloupe	657	825	1,187	862
	Cucumber	350	371	372	413
	Gourd	3	2	7	5
	Honeydew	144	72	155	112
	Pumpkin	57	59	63	69
	Squash, summer	436	503	545	716
	Squash, winter	464	519	682	978
	Watermelon	285	233	316	333
	Other	144	146	159	1,856

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Acres (continued)

Commodity		2009	2010	2011	2012
Legumes & Sprouts	Beans, fresh market	608	361	405	503
	Peas, fresh market	138	197	180	433
	Sprouts	2	1	1	25
	Other	297	321	436	340
Other Vegetables	Jicama	—	—	0	1
	Rhubarb	1	1	3	2
	Sweet potatoes	1,735	3,176	3,232	2,906
	Yams	189	279	311	447
	Other	45	411	19	24
Solanaceous Crops	Eggplants	107	99	111	148
	Peppers	587	520	639	655
	Potato	1,771	1,724	2,012	2,542
	Tomatillo	8	16	22	21
	Tomato, canned/processed	7,729	5,796	6,747	6,127
	Tomato, fresh market	1,002	1,419	1,153	1,012
	Other	—	—	—	2
Succulent Vegetables & Sweet Corn	Asparagus	395	429	450	422
	Mushrooms	20	27	418	179
	Okra	21	14	7	12
	Prickly pear pads	1	3	4	6
	Sweet corn	198	302	756	669
	Other	4	7	7	7
Umbels & Herbs	Basil	109	105	173	59
	Carrots	12,309	8,415	10,351	16,633
	Celery & celeriac	19,190	19,461	19,561	19,415
	Cilantro	383	521	509	765
	Fennel	165	190	169	182
	Mixed herbs	127	138	397	507
	Parsley	279	308	266	365
	Parsnip	2	14	10	34
	Other	188	285	410	1,103
Field Crops TOTAL		77,738	80,127	81,519	85,665
Fiber	Cotton	—	—	—	—
	Flax	0	0	—	—
	Cover crops	—	—	—	—
	Other	0	—	0	0

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Acres (continued)

Commodity		2009	2010	2011	2012
Legumes	Alfalfa	10,103	9,996	10,368	13,064
	Beans, dried	710	875	784	937
	Clover	238	—	—	—
	Peas, dried	253	165	370	284
	Soybeans	1	1	1	1
	Vetch	1,125	2,040	1,972	1,749
	Other	1	3	24	4
Grain & Forage Crops	Barley	2,872	7,088	8,894	8,575
	Buckwheat	0	—	—	99
	Field & seed crops fallow	—	14,227	4,765	233
	Field corn	1,720	1,396	2,560	4,196
	Mixed ingredients feed	—	227	—	523
	Oats	3,940	2,775	3,909	4,865
	Popcorn	242	278	272	270
	Rice	12,105	12,131	12,864	16,166
	Rye	1,147	1,374	2,443	2,125
	Ryegrass	3,489	3,208	4,195	4,202
	Sorghum	—	—	—	0
	Sudan grass	—	100	—	136
	Wheat	18,324	12,117	17,609	15,780
	Wild rice	1,273	584	1,182	2,151
Other	6,891	8,305	6,316	6,573	
Sugar Crops	Cane	—	—	—	—
	Sugarbeets	0	—	—	—
	Other	—	0	0	—
Oil Crops	Joboba	—	—	—	—
	Safflower	2,684	2,236	1,702	1,876
	Sesame	0	0	0	—
	Sunflower	1	10	—	1
	Other	—	32	—	42
Seed Crops	Grass	58	1	1	911
	Legume	—	465	596	—
	Sesame, confectionary	—	—	0	0
	Sunflower, confectionary	1	1	—	—
	Vegetable seed	181	192	170	258
	Other	61	61	146	242
Beverage Crops	Coffee & tea	—	—	—	—
	Other	7	17	17	17

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Number of Acres (continued)

Commodity		2009	2010	2011	2012
Livestock, Dairy, Poultry & Apiary TOTAL		25,205	24,075	30,540	23,525
Dairy	Dairy cattle	8,954	5,657	5,043	3,658
	Milk, fluid	2,792	1,826	3,277	3,613
	Other	3,415	3,477	3,863	3,937
Livestock	Cattle	9,393	10,751	11,346	9,269
	Chickens, meat	14	41	517	231
	Ducks	—	—	—	—
	Goats	0	—	—	—
	Hogs & pigs	—	1,359	1,373	—
	Honey	—	3	5	5
	Layer hens (eggs)	452	386	567	848
	Livestock and poultry, others	—	—	3,776	—
	Sheep & lambs	71	216	269	279
	Turkeys	—	—	204	—
Pasture & Rangeland TOTAL		187,888	193,413	252,162	310,741
Pasture & Rangeland	Pasture (irrigated)	32,347	34,640	65,687	79,450
	Rangeland	90,189	96,232	118,424	159,265
	Woodlot	81	21	21	21
	Other	65,271	62,520	68,030	72,005
Nursery, Greenhouse & Floriculture TOTAL		351	365	378	398
	Cactus, Aloe Vera	4	75	—	1
	Christmas trees	—	0	—	—
	Edible flowers	2	2	4	2
	Greenhouse cut flowers or greens	1	1	1	1
	Greenhouse grown container plants/ornamentals	12	9	6	8
	Greenhouse grown vegetable transplants	105	86	197	173
	Outdoor grown container plants/ornamentals	59	62	10	12
	Outdoor grown cut flowers or greens	109	79	88	126
	Outdoor grown vegetable transplants	5	11	15	19
	Vines, canes & other propagative matter	11	1	0	—
	Other	33	40	45	43

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Farm Level Sales Value – Dollars

Commodity		2009	2010	2011	2012
Fruit & Nut Crops TOTAL		333,342,345	378,887,994	477,024,684	578,794,619
Berries	Blackberry	3,285,838	8,312,229	11,223,708	11,391,227
	Blueberry	7,640,300	8,985,970	12,399,301	24,878,048
	Boysenberry	82,062	83,365	67,874	23,360
	Currant	—	—	0	—
	Olallieberry	33,538	28,423	32,808	20,566
	Raspberry	25,777,609	24,453,317	53,284,515	50,659,049
	Strawberry	55,071,219	65,521,070	75,090,928	93,595,189
	Other	7,717	9,743	60,965	86,649
Citrus	Grapefruit	3,650,755	2,912,674	4,019,166	4,922,354
	Kumquat	104,717	138,195	176,120	139,526
	Lemons	8,444,742	7,278,778	10,337,656	11,165,090
	Lime	277,477	184,744	99,506	271,463
	Mandarins	498,492	1,498,202	1,642,411	1,333,102
	Orange	16,690,413	15,441,966	19,302,090	18,998,943
	Tangelo	804,022	912,351	863,865	939,906
	Tangerines & mandarins	2,129,130	1,896,820	2,407,180	3,093,368
	Other	136,248	695,539	990,363	974,621
Grapes	Grapes, all**	103,268,910	125,605,896	149,218,036	173,678,775
	<i>Grapes, juice</i>	452,008	579,336	490,114	765,997
	<i>Grapes, raisin</i>	26,731,200	25,894,644	37,236,514	36,567,882
	<i>Grapes, table</i>	35,124,684	55,841,632	53,757,724	64,065,525
	<i>Grapes, wine</i>	40,907,774	43,258,930	57,727,857	72,273,378
	<i>Grapes, other</i>	53,243	31,354	—	5,994
Nuts	Almond	13,328,623	14,538,337	18,069,616	33,549,132
	Chestnut	25,835	25,512	41,292	36,834
	Hazelnut	—	—	—	—
	Macadamia	194,739	242,111	5,345	2,087
	Peanut	—	0	0	9,241
	Pecan	4,113	3,050	18,149	13,876
	Pistachio	2,893,818	4,968,291	5,245,270	7,230,384
	Walnut	10,209,030	9,550,755	12,644,447	13,860,004
	Other	0	0	—	—
Pome Fruits	Apple	7,449,657	7,891,573	11,630,922	14,693,507
	Asian pear	148,376	201,440	192,165	321,527
	Crabapple	—	270,453	—	586,510
	Pear	832,083	1,539,181	1,783,651	3,019,736
	Quince	20,418	19,449	8,216	24,340
	Other	—	—	—	—

— Data not reported to protect confidentiality.

** Grapes, all equals the total farm sales value of organic grape juice, raisins, table grapes, wine, and other uses.

California Organic Agriculture by Commodity, 2009 – 2012

Farm Level Sales Value – Dollars (continued)

Commodity		2009	2010	2011	2012
Stone Fruits	Apricot	1,538,153	1,267,508	1,307,728	1,548,605
	Cherry	1,893,732	3,722,172	4,575,405	4,546,259
	Nectarine	5,973,060	6,502,312	11,034,762	9,325,369
	Peach	9,011,402	8,966,386	7,708,844	12,827,601
	Plum	6,837,750	5,018,616	2,828,521	5,616,237
	Pluots	124,506	314,369	460,967	1,043,733
	Prune	3,189,276	3,750,438	4,190,280	5,628,654
	Other	590,696	753,135	752,455	754,501
Subtropical & Tropical Fruits	Avocado	20,251,503	18,064,376	24,068,540	35,688,975
	Banana	—	399	—	0
	Cherimoya	85,387	135,959	133,599	60,967
	Date	9,557,275	10,594,202	10,686,725	15,274,678
	Fig	3,306,292	4,712,200	6,514,926	6,262,636
	Guava	19,009	23,935	28,080	71,502
	Jujube	36,078	39,180	33,393	54,944
	Kiwi fruit	4,268,362	4,774,938	5,175,603	5,076,368
	Loquat	1,409	1,405	3,327	1,775
	Mango	—	—	—	—
	Olive	696,494	944,802	1,152,590	1,669,945
	Papaya	—	—	0	—
	Passion fruit	10,706	21,830	24,240	32,827
	Persimmon	737,803	1,014,706	1,019,406	1,083,582
	Pineapple	—	0	0	0
	Pomegranate	295,874	3,249,578	2,909,883	1,374,742
	Prickly pear	—	2,222	905	—
	Other	182,798	88,824	109,851	152,975
Vegetable Crops TOTAL		413,290,573	422,070,152	461,206,727	560,819,615
Alliums	Chives	445,463	199,131	140,485	144,995
	Garlic	8,774,267	8,080,269	11,962,634	10,426,699
	Leeks	2,318,836	1,798,446	1,785,943	2,838,880
	Onions	6,231,709	8,257,484	9,562,454	8,552,123
	Shallots	311,451	345,471	270,739	304,119
	Other	700,405	584,578	605,881	1,397,979

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Farm Level Sales Value – Dollars (continued)

Commodity		2009	2010	2011	2012
Brassicas	Arugula	5,248,220	4,811,065	4,553,099	3,700,172
	Broccoli	20,655,457	23,137,200	27,505,075	22,051,736
	Brussels sprouts	362,944	473,737	463,754	594,374
	Cabbage	3,018,774	4,412,369	4,196,651	4,938,595
	Cauliflower	5,925,038	8,721,549	12,621,295	10,989,304
	Chinese cabbage	992,848	700,559	140,093	1,145,932
	Collards	807,674	1,052,819	947,068	1,101,659
	Horseradish	82,004	81,008	132,051	142,622
	Kale	2,073,353	3,940,329	6,086,494	7,108,100
	Kohlrabi	37,909	116,654	118,342	190,145
	Misc. leaf vegetables	9,647,654	9,152,038	5,341,949	10,972,685
	Mustard	366,047	363,780	729,151	810,956
	Radish & daikon	1,699,555	1,623,733	1,526,574	2,833,453
	Turnip	405,376	481,824	413,422	740,043
	Watercress	2,764	12,631	96,043	609,233
	Other	700,914	2,509,121	1,314,246	508,491
Unclassified	Mixed vegetables	0	138,064	150,552	76,935
	Vegetable crops, fallow	584,275	1,118,465	976,161	2,718,747
Chenopods	Beets	3,721,139	3,716,619	4,040,625	5,518,695
	Chard	3,280,120	3,872,683	7,964,915	6,317,785
	Spinach	27,483,861	38,738,827	34,090,572	34,033,606
	Other	—	23,736	20,413	22,588
Composites	Artichokes	3,309,860	4,005,233	2,314,799	2,754,551
	Burdock	45,474	—	20,950	—
	Cardoon	—	—	11,927	—
	Chickory	558,595	619,631	684,820	712,686
	Endive	2,003,268	1,779,021	1,503,381	1,618,830
	Lettuce, all	26,357,736	34,578,685	34,518,964	46,072,954
	Radicchio	2,343,428	11,008,014	11,008,647	3,732,000
	Salad mix	54,084,634	61,706,975	39,239,171	47,685,883
	Salsify	—	—	—	—
	Other	958,289	15,283	774,272	249,781
Cucurbits	Cantaloupe	3,162,754	3,275,210	5,293,637	4,923,612
	Cucumber	2,208,388	2,136,168	2,294,753	2,663,967
	Gourd	6,319	6,204	28,361	14,935
	Honeydew	663,381	367,928	947,158	821,909
	Pumpkin	193,008	258,639	334,490	377,934
	Squash, summer	3,710,514	3,595,885	3,868,625	5,289,592
	Squash, winter	2,557,357	2,377,220	3,243,463	5,005,534
	Watermelon	1,264,337	1,230,281	1,753,942	2,647,546
	Other	459,650	635,345	607,597	974,686

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Farm Level Sales Value – Dollars (continued)

Commodity		2009	2010	2011	2012
Legumes & Sprouts	Beans, fresh market	1,844,608	2,860,174	2,142,986	4,175,173
	Peas, fresh market	517,356	756,441	922,780	1,589,436
	Sprouts	2,158,626	1,323,904	1,319,483	2,495,458
	Other	1,267,792	1,241,213	1,319,515	1,323,908
Other Vegetables	Jicama	—	—	0	2,885
	Rhubarb	2,474	4,536	8,224	6,841
	Sweet potatoes	13,052,055	14,823,017	24,095,178	17,668,231
	Yams	1,144,507	2,415,753	3,336,880	4,804,622
	Other	867,067	2,388,646	962,022	1,143,925
Solanaceous Crops	Eggplants	574,011	411,643	715,609	1,438,054
	Peppers	5,623,429	5,808,836	5,539,179	7,638,400
	Potato	8,265,319	10,809,346	10,046,883	11,913,540
	Tomatillo	35,361	51,957	120,149	53,376
	Tomato, canned/processed	25,043,714	21,353,210	19,586,981	26,627,380
	Tomato, fresh market	13,803,450	16,641,448	18,075,885	20,709,194
	Other	—	—	—	4,910
Succulent Vegetables & Sweet Corn	Asparagus	2,772,872	3,482,100	4,246,714	4,495,215
	Mushrooms	7,746,318	10,164,131	15,653,942	18,421,361
	Okra	39,438	21,874	31,507	66,657
	Prickly pear pads	1,731	30,674	38,810	46,438
	Sweet corn	628,364	1,209,855	2,132,469	2,415,033
	Other	962,379	920,920	716,739	961,550
Umbels & Herbs	Basil	1,999,131	872,460	4,515,243	1,423,383
	Carrots	89,207,074	34,091,867	52,712,847	112,010,462
	Celery & celeriac	15,045,689	18,406,991	28,935,097	21,097,828
	Cilantro	3,154,588	4,081,814	3,256,657	4,235,761
	Fennel	1,031,400	1,251,515	1,140,095	1,849,400
	Mixed herbs	673,353	2,493,576	9,538,723	10,958,159
	Parsley	2,075,314	2,566,086	1,986,763	2,344,216
	Parsnip	32,835	156,735	118,402	398,634
	Other	3,892,114	5,344,222	1,783,264	12,121,840
Field Crops TOTAL		47,217,816	46,403,636	50,724,041	62,565,409
Fiber	Cotton	—	—	—	—
	Flax	0	0	—	—
	Cover crops	—	—	—	—
	Other	0	—	0	0

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Farm Level Sales Value – Dollars (continued)

Commodity		2009	2010	2011	2012
Legumes	Alfalfa	8,238,103	5,136,514	5,598,214	8,062,537
	Beans, dried	802,333	469,596	888,135	1,332,873
	Clover	99,415	—	—	—
	Peas, dried	56,534	43,904	108,557	89,076
	Soybeans	610	8,604	4,256	7,770
	Vetch	663,695	662,088	517,850	440,137
	Other	2,635	14,311	33,589	41,097
Grain & Forage Crops	Barley	2,027,426	2,696,782	3,905,831	3,683,808
	Buckwheat	0	—	—	30,121
	Field & seed crops fallow	—	305,544	205,143	76,451
	Field corn	1,022,135	814,241	2,042,506	2,347,494
	Mixed ingredients feed	—	56,864	—	592,224
	Oats	650,716	517,684	878,007	930,645
	Popcorn	409,895	401,345	347,509	439,279
	Rice	17,704,830	21,175,222	21,239,547	26,648,766
	Rye	55,148	476,010	858,721	459,474
	Ryegrass	755,479	299,460	547,619	800,592
	Sorghum	—	—	—	0
	Sudan grass	—	106,674	—	132,150
	Wheat	6,483,333	6,230,349	6,038,387	9,671,259
	Wild rice	1,541,206	1,879,930	1,257,172	2,109,368
Other	3,372,305	3,046,908	1,733,743	1,523,658	
Sugar Crops	Cane	—	—	—	—
	Sugarbeets	0	—	—	—
	Other	—	0	0	—
Oil Crops	Jojoba	—	—	—	—
	Safflower	617,424	345,601	176,788	219,121
	Sesame	0	0	0	—
	Sunflower	367	16,287	—	11,523
	Other	—	9,207	—	10,691
Seed Crops	Grass	282,658	276,777	295,349	409,418
	Legume	—	118,012	334,236	—
	Sesame, confectionary	—	—	0	0
	Sunflower, confectionary	43,035	44,274	—	—
	Vegetable seed	474,224	463,760	825,107	822,150
	Other	298,648	539,180	837,503	694,086
Beverage Crops	Coffee & tea	—	—	—	—
	Other	15,720	10,609	22,350	57,600

— Data not reported to protect confidentiality.

California Organic Agriculture by Commodity, 2009 – 2012

Farm Level Sales Value – Dollars (continued)

Commodity		2009	2010	2011	2012
Livestock, Dairy, Poultry & Apiary TOTAL		163,101,930	202,884,137	264,972,466	277,515,243
Dairy	Dairy cattle	15,703,654	11,453,163	18,515,738	20,982,835
	Milk, fluid	40,830,750	36,697,329	55,219,006	68,778,076
	Other	49,860,873	31,535,706	53,200,990	61,288,088
Livestock	Cattle	37,214,475	37,317,159	38,568,805	38,328,683
	Chickens, meat	100,900	64,533,696	80,274,256	66,337,210
	Ducks	—	—	—	—
	Goats	0	—	—	—
	Hogs & pigs	—	339,098	502,097	—
	Honey	—	1,330	5,483	9,963
	Layer hens (eggs)	18,330,326	20,182,106	16,687,206	19,597,572
	Livestock and poultry, others	—	—	742,550	—
	Sheep & lambs	6,996	21,690	24,600	48,510
	Turkeys	—	—	1,203,201	—
	Pasture & Rangeland TOTAL		2,255,383	2,230,761	2,174,341
Pasture & Rangeland	Pasture (irrigated)	894,380	1,996,111	1,804,112	1,036,635
	Rangeland	2,481	977	11,630	275,072
	Woodlot	1,006	1,005	1,705	6
	Other	1,357,516	232,668	356,894	54,128
Nursery, Greenhouse & Floriculture TOTAL		13,582,228	17,369,312	18,719,949	23,340,753
	Cactus, Aloe Vera	20,595	413,255	—	13,838
	Christmas trees	—	0	—	—
	Edible flowers	120,321	11,682	94,074	61,911
	Greenhouse cut flowers or greens	11,240	9,515	34,491	28,523
	Greenhouse grown container plants/ornamentals	1,391,945	1,802,565	622,177	1,592,080
	Greenhouse grown vegetable transplants	9,413,959	11,171,934	13,924,908	15,376,403
	Outdoor grown container plants/ornamentals	48,728	454,429	64,715	51,267
	Outdoor grown cut flowers or greens	1,123,776	1,109,086	1,269,019	1,712,371
	Outdoor grown vegetable transplants	284,240	646,705	582,239	1,821,567
	Vines, canes & other propagative matter	114,606	5,692	0	—
	Other	1,044,240	1,744,448	2,109,729	2,662,510

— Data not reported to protect confidentiality.