

California Agricultural Exports

In 2010, California agricultural exports reached \$14.7 billion, representing a 125 percent increase over the past 11 years. As indicated by the table below, California’s agricultural export growth is continuing despite the recent global economic downturn.

California Agricultural Export Values, 2000-2010

	Millions
2000	\$6.53
2001	\$6.51
2002	\$6.55
2003	\$7.50
2004	\$8.24
2005	\$9.37
2006	\$9.82
2007	\$11.17
2008	\$12.90
2009	\$12.34
2010	\$14.72

Exports of almonds continued to be the top commodity from California, with \$2.3 billion in international sales. Dairy products rebounded from a downturn in 2009 with an 88 percent increase in 2010, ranking this category No. 2 in export value at \$1.1 billion.



The leading 57 export commodities accounted for \$12.8 billion, or 88 percent of total exports, while the remaining 12 percent of exports were associated with “other products and mixtures.” Of the top 57 commodities, 41 experienced an increase in export value of 5 percent or greater.

California’s share of total U.S. agricultural exports was 14 percent in 2010, representing a 1.9 percent increase over 2009. California’s top 10 export commodities accounted for 64 percent of the state’s total agricultural exports. The top 10 export destinations—Canada, European Union and China/Hong Kong—accounted for 45 percent of the 2010 export value.

The California Department of Food and Agriculture works closely with the Western United States Agricultural Trade Association and the Centers for International Trade Development to increase California’s agricultural exports and provide trade services to the state’s farmers, ranchers and food processors.

Methodology

Data to compute agricultural exports are derived from official government sources, published industry sources and unpublished information from government and industry. Export quantities and values of the whole U.S. and California port districts are from the Department of Commerce trade data posted on the United States International Trade Commission online database (<http://dataweb.usitc.gov/>). Canadian import (value) data are from Strategis Canada’s online database (<http://strategis.ic.gc.ca/engdoc/main.html>). If the California export price is not available for a particular product, the University of California Agricultural Issues Center used

the U.S. average export price for that commodity to provide a dollar value for exports. Production quantities and values are from various National Agricultural Statistics Service, Economic Research Service, and Agricultural Marketing Service publications.

The University of California Agricultural Issues Center export estimates differ from other sources, such as the Economic Research Service, on methodological issues. The Economic Research Service estimates are based on a state's share of production of the exported commodity. It is assumed that, for any particular commodity, a state's share of U.S. production equals that state's share of U.S. exports. Other sources use port data instead, without direct links to where the product originated. The Agricultural Issues Center export figures correspond to commodities that have been produced within the state. Products originated in another state and exported via California ports are not included in these statistics.

In most cases the final Agricultural Issues Center report presents the export data at the individual commodity level. For instance, exports of a given fruit in fresh, canned and dried forms are added up and listed under the name of the fruit, although the estimation of fresh fruit exports may differ from the methodology used for canned and dried fruit.

The ratio of quantity exported to quantity produced is given on a farm-weight basis. That means, for example, that wine is converted back into fresh grapes. Standard conversion factors published by the USDA are applied.

To improve the accuracy of the 2010 export data, the Agricultural Issues Center examined if previous assumptions accurately reflected current marketing situations for each of the top 56 commodities listed in 2009. As a result, estimation methods for hay exports were updated and improved. Previous estimates of California hay exports included exports of alfalfa seed for sowing along with California share of U.S. production for cubes and pellets. New estimation methods only include exports of cubes and pellets from California ports and use California share of production among the western states of Arizona, California, Nevada and Utah. We used the new estimation methods to revise 2008 and 2009 export data. Further revisions to 2008 and 2009 estimates reflect updated figures related to production data.

Exports of alfalfa seed and other seed crops are aggregated under the category "Seeds for sowing," which have been added in the 2010 data as a separate principal commodity. Previously, estimates of seed exports were included in the "Total Other Products and Mixtures" category.



California Agricultural Product Export Values and Rankings, 2008-2010

2010 Rank	Commodity	2008	2009 \$1 Million	2010	Change in Value (In Percent)
1	Almonds ¹	1,899	1,923	2,392	24
2	Dairy and Products	1,214	608	1,143	88
3	Wine	910	812	1,007	24
4	Walnuts	491	666	820	23
5	Rice	552	877	797	-9
6	Pistachios	581	682	720	5
7	Table Grapes	618	594	641	8
8	Oranges and Products ¹	438	422	568	34
9	Tomatoes, Processed	490	458	492	8
10	Cotton	377	257	416	62
11	Lettuce	338	320	331	3
12	Raisins	300	286	327	14
13	Strawberries	303	297	327	10
14	Seeds, Sowing ²	264	281	310	10
15	Beef and Products ¹	228	206	293	43
16	Hay ³	125	178	208	17
17	Dried Plums	179	155	174	12
18	Lemons ¹	159	134	148	11
19	Peaches and Nectarines	174	124	141	14
20	Broccoli	120	113	129	14
21	Cherries ¹	121	92	128	39
22	Raspberries and Blackberries ^{1,4}	85	87	114	32
23	Carrots ¹	109	112	112	0
24	Onions	75	72	87	22
25	Flowers and Nursery ¹	82	83	86	4
26	Cauliflower ¹	65	72	85	18
27	Plums	69	55	68	24
28	Celery	60	59	62	4
29	Tomatoes, Fresh ¹	48	60	59	-2
30	Melons	51	50	55	11
31	Spinach	39	45	51	14
32	Tangerines and Mandarins	31	33	40	19
33	Grape Juice	49	41	39	-3
34	Grapefruit	39	34	35	4
35	Potatoes	33	29	32	9
36	Bell and Chili Peppers	31	27	30	12
37	Wheat	49	32	30	-8
38	Garlic	25	24	29	22
39	Avocados	9	3	28	711
40	Blueberries	19	19	26	36
41	Pears	31	28	26	-8
42	Turkey	25	20	24	23
43	Dates	20	21	24	14
44	Figs	15	18	20	17
45	Apples ¹	36	20	20	4
46	Dry Beans	17	15	20	41
47	Asparagus ¹	11	13	19	38
48	Sweet Potatoes	14	17	18	5
49	Cottonseed and Byproducts ¹	14	11	16	45
50	Olives and Olive Oil ⁵	19	18	15	-15
51	Kiwi	13	11	14	31
52	Apricots	18	11	13	21
53	Chicken	10	9	10	6

California Agricultural Product Export Values and Rankings, 2008-2010 *continued*

2010 Rank	Commodity	2008	2009 \$1 Million	2010	Change in Value (In Percent)
54	Eggs ¹	3	6	5	-12
55	Mushrooms	4	4	4	2
56	Artichokes	3	3	4	40
57	Cabbage	4	4	4	-3
	Total Principal Commodities⁵	11,108	10,650	12,840	21
	Total Other Products and Mixtures^{6,7}	1,791	1,689	1,880	11
	Total All Agricultural Exports⁸	12,898	12,339	14,720	19

Source: University of California, Agricultural Issues Center.

¹ Export values were revised for 2009 based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service (USDA NASS).

² "Seeds, Sowing" have been added as a separate principal commodity. Previously, estimates of seed exports were included in the "Total Other Products and Mixtures" category.

³ Hay export values for 2008 and 2009 were revised based on updated estimation methodologies, including the removal of alfalfa seed exports, which are now included in exports of seeds for sowing.

⁴ "Raspberries and Blackberries" category also include exports of mulberries and loganberries.

⁵ Product category "Olives and Olive Oil" is equal to the product category "Olives" found in previous years' data tables.

⁶ Total principal commodity values for 2008 and 2009 were revised based on updates to USDA NASS production data and estimation methodologies related to exports of hay and seeds for sowing.

⁷ The value for "Total Other Products and Mixtures" is composed of (a) highly processed products that are difficult to attribute to a specific commodity such as mixtures of fruits, nuts and vegetables and other processed foods; and (b) animal and plant products marketed in such small quantities that they are not included in the top 57 leading commodities. This category no longer includes seeds for sowing.

⁸ Total "Other Products and Mixtures" values for 2008 and 2009 were revised based on the elimination of seeds for sowing from this category.

⁹ Export values for each year are rounded. More precise numbers are used in the percent change calculations.

California Share of U.S. Agricultural Exports by Category and Commodity, 2009-2010

Commodity	2009		2010		Percent Change 2009/2010
	Total U.S. Export Value \$1 Million	California Percent Share	Total U.S. Export Value \$1 Million	California Percent Share	
Animal Products	10,505	8.1	13,496	10.9	34.5
Dairy and Products	2,189	27.7	3,578	32.0	15.4
Beef and Products ¹	3,945	5.2	5,556	5.3	1.6
Turkey	347	5.7	407	5.9	4.3
Eggs ¹	365	1.5	383	1.3	-16.3
Chicken	3,659	0.3	3,573	0.3	0.0
Field Crops	13,935	15.5	18,226	12.8	-0.2
Cotton	3,384	7.6	5,746	7.2	-19.5
Tomatoes, Processed	487	94.1	520	94.7	0.7
Rice	2,195	40.0	2,371	33.6	-16.0
Hay ²	785	22.6	865	24.1	0.1
Potatoes	149	19.7	165	19.4	-1.4
Wheat	5,511	0.6	6,887	0.4	-28.3
Sweet Potatoes	53	32.1	66	27.3	-14.8
Cottonseed and Byproducts ¹	190	4.7	302	5.3	13.4
Dry Beans	40	32.7	67	30.3	-7.4
Seeds, Sowing ³	1,141	24.6	1,237	25.1	2.0
Fruits and Products	5,779	58.8	6,574	60.8	3.5
Wine	862	94.2	1,073	93.9	-0.3
Table Grapes	594	100.0	641	100.0	0.0
Oranges and Products ¹	919	45.6	1,110	51.1	12.2
Strawberries	357	83.2	378	86.3	3.7
Blueberries	208	18.0	220	12.0	-33.6
Raisins	286	100.0	327	100.0	0.0
Dried Plums	155	100.0	174	100.0	0.0
Peaches and Nectarines	173	71.6	200	70.5	-1.6
Lemons ¹	173	85.0	175	84.5	-0.6
Grapefruit	233	14.6	247	14.2	-2.2
Plums	59	92.4	72	95.0	2.8
Cherries ¹	333	25.6	377	33.9	32.6
Melons	134	37.1	140	39.7	7.1
Raspberries and Blackberries ^{1,4}	107	80.6	134	85.4	5.9
Pears	176	16.0	182	14.2	-10.8
Grape Juice	83	49.0	87	45.5	-7.2
Apples ¹	800	2.4	869	2.4	-1.9
Kiwi	11	100.0	14	100.0	0.0
Dates	21	100.0	24	100.0	0.0
Olives and Olive Oil ⁵	18	100.0	15	100.0	0.0
Tangerines and Mandarins	40	83.2	47	84.7	1.8
Figs	18	100.0	20	100.0	0.0
Apricots	15	74.0	17	79.0	6.7
Avocados	5	75.7	31	88.8	17.4
Tree Nuts	3,274	100.0	3,931	100.0	0.0
Almonds ¹	1,925	100.0	2,392	100.0	0.0
Walnuts	666	100.0	820	100.0	0.0
Pistachios	682	100.0	720	100.0	0.0
Vegetables	1,531	57.9	1,656	60.8	5.1
Lettuce	430	74.5	438	75.6	1.4
Broccoli	120	94.1	138	93.4	-0.7
Carrots ¹	127	88.4	126	88.4	0.1
Tomatoes, Fresh ¹	212	27.8	197	30.0	8.2
Celery	71	83.3	71	86.3	3.6
Onions	218	32.9	302	28.9	-12.1
Cauliflower ¹	85	85.0	100	85.0	-0.1
Garlic	24	100.0	29	100.0	0.0
Spinach	61	74.0	70	73.4	-0.8
Bell and Chili Peppers	89	29.7	79	37.8	27.2
Cabbage	20	21.8	20	20.6	-5.6
Asparagus	27	49.0	37	50.4	2.9
Artichokes	3	100.0	4	100.0	0.0
Mushrooms	44	10.0	43	10.3	3.9
Flowers and Nursery ¹	355	23.5	360	24.0	2.2
Total Principal Commodities	31,749	33.5	39,952	32.1	-2.8
Total Other Products and Mixtures ^{1,2}	57,866	2.9	64,973	2.9	0.0
All Agricultural Exports ¹	89,615	13.8	104,925	14.0	1.9

Source: University of California, Agricultural Issues Center.

¹ Export values were revised for 2009 based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

² Hay export values for 2009 were revised based on updated estimation methodologies, including the removal of alfalfa seed exports, which are now included in exports of seeds for sowing.

³ Value of "Seeds, Sowing" have been added as a separate principal commodity. Previously, estimates of seed exports were included in the "Total Other Products" category.

⁴ "Raspberries and Blackberries" category also include exports of mulberries and loganberries.

⁵ Product category "Olives and Olive Oil" is equal to the product category "Olives" found in previous years' data tables.

Major California Agricultural Exports to the Top 15 Destinations, 2009 and 2010¹

Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²	Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²
	2009 ²	2010			2009 ²	2010	
	\$1 Million				\$1 Million		
1 - Canada	2,599.0	2,901.0	12	2 - European Union–27	2,057.8	2,283.6	11
Lettuce	297.0	301.5	2	Almonds ³	700.9	826.4	18
Strawberries	239.0	266.5	12	Wine	359.2	405.6	13
Wine	205.4	265.9	29	Pistachios	336.4	326.3	-3
Tomatoes, processed	185.2	210.2	13	Walnuts	190.7	249.4	31
Table grapes	197.4	191.9	-3	Raisins	117.8	124.9	6
Oranges and products ³	131.8	158.4	20	Seeds for sowing ⁵	71.2	65.6	-8
Dairy and products	104.7	133.3	27	Dried Plums	63.9	61.1	-4
Almonds ³	108.8	127.1	17	Tomatoes, processed	79.7	52.7	-34
Carrots ³	102.1	100.9	-1	Dairy and products	9.7	25.3	161
Raspberries and blackberries ^{3,4}	76.1	99.9	31	Rice	22.6	20.5	-9
Cauliflower ³	60.8	68.8	13	Table Grapes	21.4	18.0	-16
Peaches and nectarines	52.7	66.5	26	Cotton	5.4	12.2	126
Broccoli	66.3	66.4	0	Lemons ³	8.1	9.3	15
Walnuts	37.1	51.7	39	Flowers and nursery ³	8.2	8.3	1
Seeds for sowing ⁵	43.5	51.0	17	Oranges and products ³	3.0	8.3	177
Spinach	44.7	50.8	14	Grapefruit	9.5	8.1	-15
Celery	48.6	49.8	2	Cherries ³	6.6	7.6	15
Rice	49.0	47.6	-3	Sweet Potatoes	8.0	7.4	-8
Lemons ³	39.8	47.5	19	Dry Beans	3.6	7.3	103
Melons	42.6	46.6	9	Onions	7.5	6.9	-8
Cherries ³	33.2	43.6	31	Raspberries and blackberries ^{3,4}	2.9	4.2	45
Onions	33.9	41.6	23	Strawberries	5.1	4.1	-20
Pistachios	27.3	41.6	52	Garlic	4.6	4.1	-11
Flowers and nursery ³	38.8	41.1	6	Dates	3.2	3.8	19
Tomatoes, fresh ³	44.1	34.4	-22	Carrots ³	3.0	3.2	7
Raisins	31.1	32.2	4	Plums	<1.0	2.1	-
Plums	26.9	27.4	2	Olives and olive oil ⁶	2.4	<2.0	-
Peppers	25.1	27.3	9				
Tangerines and mandarines	21.1	27.0	28	3 - China / Hong Kong	1,011.7	1,408.5	39
Grape Juice	24.8	22.3	-10	Almonds ³	283.0	318.3	12
Potatoes	18.5	18.6	1	Pistachios	197.0	211.5	7
Pears	15.4	16.0	4	Walnuts	83.8	152.5	82
Blueberries	13.7	14.5	6	Cotton	81.3	145.7	79
Avocados	3.0	13.3	343	Wine	55.2	113.3	105
Dried Plums	13.5	12.7	-6	Oranges and products ³	76.6	98.5	29
Sweet Potatoes	8.7	10.1	16	Table Grapes	71.9	92.0	28
Figs	8.1	9.4	16	Dairy and products	36.5	70.9	94
Garlic	7.1	9.4	32	Beef and products ^{3,8}	36.6	57.2	56
Dates	7.0	8.9	27	Seeds for sowing ⁵	9.5	20.4	115
Apricot	7.1	8.7	23	Raisins	15.0	17.7	18
Asparagus ³	6.9	7.7	12	Hay ⁷	5.2	17.7	240
Olives and olive oil ⁶	6.5	5.8	-11	Cherries ³	7.6	16.2	113
Grapefruit	5.3	5.2	-2	Lemons ³	13.1	12.7	-3
Kiwifruit	4.3	4.5	5	Plums	6.4	10.9	70
Artichokes	2.9	3.9	34	Dried Plums	6.9	10.7	55
Cabbage	3.9	3.8	-3	Cottonseed and byproducts ³	2.3	8.1	252
Mushrooms	2.4	2.8	17	Tomatoes, processed	4.9	6.0	22
				Rice	<2.0	5.9	-
				Strawberries	5.0	3.2	-36
				Grape Juice	2.7	3.1	15
				Figs	2.2	2.3	5
				Peaches and nectarines	<2.0	2.2	-
				Celery	<2.0	2.1	-

Major California Agricultural Exports to the Top 15 Destinations, 2009 and 2010¹ continued

Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²	Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²
	2009 ²	2010			2009 ²	2010	
	\$1 Million				\$1 Million		
4 - Japan	1,217.0	1,216.1	0	5 - Mexico	630.9	735.9	17
Rice	422.0	232.3	-45	Dairy and products	184.2	275.7	50
Almonds ³	95.9	126.5	32	Seeds for sowing ⁵	71.1	71.8	1
Hay ⁷	91.9	83.0	-10	Tomatoes, processed	58.6	58.4	0
Beef and products ^{3,8}	67.2	78.4	17	Table Grapes	18.8	32.6	73
Oranges and products ³	62.4	76.6	23	Almonds ³	23.9	31.0	30
Wine	73.4	71.7	-2	Peaches and nectarines	9.1	26.6	192
Dairy and products	38.2	67.8	77	Tomatoes, fresh ³	36.6	23.1	-37
Walnuts	51.7	67.1	30	Flowers and nursery ³	20.7	21.5	4
Lemons ³	43.7	49.2	13	Pistachios	19.9	17.0	-15
Broccoli	32.7	43.7	34	Cotton	14.6	15.4	5
Raisins	30.5	41.3	35	Strawberries	12.8	14.0	9
Dried Plums	28.2	32.5	15	Rice	8.4	13.2	57
Strawberries	27.6	29.5	7	Beef and products ^{3,8}	11.2	10.8	-4
Cherries ³	19.4	27.4	41	Wine	7.7	10.5	36
Tomatoes, processed	17.9	23.0	28	Raisins	5.3	9.0	70
Grapefruit	15.8	18.6	18	Plums	7.0	8.8	26
Pistachios	13.5	17.4	29	Walnuts	56.4	8.3	-85
Cotton	6.5	15.6	140	Kiwifruit	5.5	7.5	36
Table Grapes	6.2	14.6	135	Garlic	4.6	7.1	54
Onions	8.1	14.3	77	Onions	5.3	6.9	30
Seeds for sowing ⁵	13.9	12.7	-9	Potatoes	6.1	6.7	10
Cauliflower ³	6.5	9.3	43	Figs	4.6	6.3	37
Tangerines and mandarines	7.0	8.7	24	Oranges and products ³	3.5	6.3	80
Raspberries and blackberries ^{3,4}	6.5	7.1	9	Lettuce	5.8	5.8	0
Avocados	0.0	6.8	-	Avocados	0.0	4.8	-
Asparagus ³	4.5	6.2	38	Cottonseed and byproducts ³	3.7	4.3	16
Blueberries	2.6	5.3	104	Pears	5.5	4.0	-27
Melons	2.8	3.2	14	Melons	2.8	3.9	39
Grape Juice	2.1	3.1	48	Carrots ³	3.9	3.5	-10
Lettuce	<1.5	3.0	-	Lemons ³	1.5	2.4	60
Flowers & nursery ³	3.0	2.9	-3	Dried Plums	<2.0	2.4	-
Dry Beans	2.3	2.9	26	Lemons	<2.0	2.4	-
Celery	<1	2.2	-	Cherries ³	<2.0	2.2	-
Figs	<2.0	2.1	-	Olives and olive oil ⁶	2.0	<2.0	-
Olives and olive oil ⁶	2.4	<2.0	-				
				6 - South Korea	369.8	578.4	56
				Oranges and products ³	73.8	114.7	55
				Beef and products ^{3,8}	41.6	75.8	82
				Rice	40.1	73.6	84
				Walnuts	48.3	66.1	37
				Almonds ³	50.3	63.7	27
				Dairy and products	18.8	39.6	111
				Hay ⁷	18.5	31.0	68
				Cotton	8.8	25.6	191
				Tomatoes, processed	9.6	13.4	40
				Cherries ³	6.6	10.4	58
				Wine	9.0	9.8	9
				Table Grapes	4.7	8.6	83
				Raisins	7.3	8.3	14
				Grape Juice	8.5	6.6	-22
				Lemons ³	4.8	6.2	29
				Seeds for sowing ⁵	5.3	5.9	11
				Pistachios	3.2	3.5	9
				Blueberries	<2.0	2.3	-
				Dried Plums	2.4	2.1	-13

Major California Agricultural Exports to the Top 15 Destinations, 2009 and 2010¹ *continued*

Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²	Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²
	2009 ²	2010			2009 ²	2010	
	\$1 Million				\$1 Million		
7 - United Arab Emirates	259.2	344.6	33	10 - Australia	198.8	186.8	-6
Almonds ³	146.8	206.5	41	Walnuts	20.4	21.8	7
Hay ⁷	51.2	62.1	21	Table Grapes	48.0	21.7	-55
Walnuts	18.4	27.3	48	Rice	30.1	21.1	-30
Tomatoes, processed	4.0	8.3	108	Oranges and products ³	13.4	20.7	54
Table Grapes	5.9	7.8	31	Dairy and products	4.5	16.6	269
Oranges and products ³	7.3	6.7	-8	Pistachios	10.6	15.6	47
Pistachios	9.0	5.9	-34	Raisins	9.5	11.0	16
Rice	5.6	5.5	-2	Lemons ³	8.6	9.0	5
Dairy and products	2.3	5.5	139	Tomatoes, processed	10.3	8.2	-20
Wine	2.0	<2.0	-	Dates	6.2	7.0	13
				Almonds ³	4.7	6.2	32
8 - Taiwan	207.5	306.2	48	Dried Plums	7.8	6.1	-22
Rice	24.8	61.7	149	Cherries ³	4.6	6.0	30
Beef and products ^{3,8}	18.7	33.9	81	Seeds for sowing ⁵	3.7	4.3	16
Peaches and nectarines	20.9	27.8	33	Onions	3.9	3.1	-21
Almonds ³	16.4	23.2	41	Wine	10.3	2.8	-73
Cotton	6.8	17.0	150	Garlic	<2.0	2.3	-
Broccoli	11.2	16.3	46				
Table Grapes	21.4	16.1	-25	11 - Israel⁹	99.5	140.3	41
Walnuts	10.0	13.1	31	Rice	33.8	44.4	31
Hay ⁷	9.0	11.9	32	Pistachios	14.1	27.2	93
Lettuce	9.7	11.4	18	Walnuts	19.1	24.7	29
Raisins	9.2	11.1	21	Almonds ³	14.1	17.2	22
Dairy and products	7.2	10.4	44	Dairy	2.6	6.9	167
Wine	4.6	10.1	120	Dried Plums	4.0	6.2	55
Plums	5.9	8.5	44	Raisins	3.6	5.1	40
Cherries ³	7.4	7.2	-3	Tomatoes Processed	4.3	4.0	-9
Oranges and products ³	5.2	6.1	17				
Cauliflower ³	2.8	4.0	43	12 - Indonesia	70.6	131.4	86
Onions	3.1	3.6	16	Dairy and products	18.4	51.7	181
Celery	3.6	2.8	-22	Table Grapes	24.0	35.4	48
Tomatoes, processed	3.0	<2.0	-	Cotton	16.4	23.0	40
Seeds for sowing ⁵	<2.0	<2.0	-	Almonds ³	2.5	4.1	64
				Oranges and products ³	<2.0	3.6	-
9 - India	219.5	295.8	35	Onions	2.3	2.8	22
Almonds ³	174.5	230.0	32	Beef and products ^{3,8}	<1.0	2.3	-
Cotton	22.2	42.0	89				
Pistachios	12.1	6.7	-45	13 - Russia⁹	66.1	117.9	78
Table Grapes	2.5	4.4	76	Almonds ³	36.8	55.9	52
Oranges and products ³	<1.0	3.2	-	Dairy	2.7	26.4	866
Seeds for sowing ⁵	<2.0	2.0	-	Dried Plums	4.6	12.3	169
Dry Beans	2.3	<2.0	-	Wine	7.3	7.1	-3
				Pistachios	8.9	4.3	-52
				Seeds for sowing ⁵	1.5	3.5	133
				Rice	<2.0	2.8	-

Major California Agricultural Exports to the Top 15 Destinations, 2009 and 2010¹ *continued*

Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²	Commodities by Country	Approximate Export Value ¹		Percent Change 2010/2009 ²
	2009 ²	2010			2009 ²	2010	
	\$1 Million				\$1 Million		
14 - Philippines	68.7	115.6	68	15 - Malaysia	74.5	114.6	54
Dairy and products	21.7	59.0	172	Dairy and products	10.1	29.2	189
Table Grapes	24.4	21.6	-11	Oranges and products ³	13.3	21.6	62
Wine	6.8	7.4	9	Table Grapes	14.6	17.9	23
Tomatoes, processed	<2.0	7.0	-	Almonds ³	7.7	10.5	36
Oranges and products ³	2.8	4.3	54	Raisins	7.4	10.3	39
Raisins	2.6	4.3	65	Dried Plums	5.4	5.6	4
				Cotton	<2.0	3.5	-
				Pistachios	2.6	3.1	19
				Wine	<2.0	2.4	-

Source: University of California, Agricultural Issues Center.

¹ This table provides the total export value and export values for individual commodities to the top 15 destinations.

² For reliability purposes only commodities with export values of \$2 million or greater to the destination in either 2009 or 2010 are reported. Percent change in value from 2009 to 2010 are not included for commodities with less than \$2 million in exports in either year.

³ Values were revised for 2009 based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

⁴ "Raspberries and Blackberries" category also include exports of mulberries and loganberries.

⁵ Value of "Seeds, Sowing" have been added as a separate principal commodity. Previously, estimates of seed exports were included in the "Total Other Products and Mixtures" category.

⁶ Product category "Olives and Olive Oil" is equal to the product category "Olives" found in previous years' data tables.

⁷ Hay export values for 2009 were revised based on updated estimation methodologies, including the removal of alfalfa seed exports, which are now included in exports of seeds for sowing.

⁸ Hides and skins are included in the heading "Beef and Products" from previous reports, but not explicitly highlighted because of its smaller percentage of total beef exports.

⁹ In 2010 Russia and Israel replaced Singapore and Thailand in the top 15 export destinations.



Major California Agricultural Exports to the European Union, 2009 & 2010

Rank	EU Member ¹	Approximate Export Value, Millions					Principal Products ^{2,3}	Total ⁴
		Almonds	Wine	Pistachios	Walnuts	Raisins		
<hr/>								
2009								
1	United Kingdom	35	181	15	5	52	73	361
2	Germany	165	42	33	55	24	53	372
3	Spain	225	<1	21	52	1	18	317
4	Italy	57	56	19	45	1	82	260
5	Netherlands	63	16	67	17	6	50	219
6	France	50	9	27	1	1	22	110
7	Belgium	31	12	102	8	2	10	165
8	Greece	21	<1	11	2	0	3	37
9	Sweden	11	11	<1	3	12	8	45
10	Denmark	12	14	<1	0	12	5	43
	Other EU Members ⁵	31	18	40	4	8	36	137
	Total ⁴	701	359	336	191	118	360	2,065
<hr/>								
2010								
1	United Kingdom	50	203	16	13	52	67	401
2	Germany	212	43	31	77	26	59	449
3	Spain	239	1	16	69	1	14	340
4	Italy	72	53	13	51	<1	60	250
5	Netherlands	81	12	78	18	6	62	257
6	France	51	25	34	1	2	28	140
7	Belgium	36	19	90	9	3	16	174
8	Greece	19	<1	10	3	0	2	34
9	Sweden	14	11	<1	4	13	10	51
10	Denmark	11	16	0	0	13	4	45
	Other EU Members ⁵	42	22	37	4	9	20	134
	Total ⁴	826	406	326	249	125	342	2,274

Source: University of California, Agricultural Issues Center.

¹ The EU members to which California exports are shipped reflects only the initial destination of the product, not the EU country of consumption. Many products are distributed throughout the EU after the initial entry.

² Other principal commodities are those that individually account for less than \$100 million in export value to the EU.

³ "Seeds, Sowing" have been added as a separate principal commodity. Previously, estimates of seed exports were included in the "Total Other Products" category.

⁴ Accurate export destination data is only available for 51 of the top 57 commodities. The commodities that export destinations are not included are apples, chickens, eggs, mushrooms, turkey and wheat. Totals may not equal due to rounding.

⁵ Other EU members include Austria, Bulgaria, Cyprus, Czech Republic, Estonia, Finland, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovak Republic, and Slovenia. All these countries combined account for just over 5 percent of California agricultural exports to the EU.

Major Destinations for California Agricultural Exports, 2009-2010 ^{1, 2}

		Percent of Export Value					
		2009	2010	2009	2010	2009	2010
1 - Almonds ³							
European Union		36	35				
China/Hong Kong		15	13				
India		9	10				
United Arab Emirates		8	9				
Canada		6	5				
Japan		5	5				
2 - Dairy and Products							
Mexico		32	24				
Canada		18	12				
China/Hong Kong		5	6				
Japan		6	6				
Philippines		<4	5				
3 - Wine							
European Union		44	40				
Canada		25	26				
China/Hong Kong		7	11				
Japan		9	7				
4 - Walnuts							
European Union		29	30				
China/Hong Kong		13	19				
Turkey		13	10				
Japan		8	8				
South Korea		7	8				
Canada		6	6				
5 - Rice							
Japan		48	29				
South Korea		5	9				
Taiwan		3	8				
Canada		6	6				
6 - Pistachios							
European Union		49	45				
China/Hong Kong		29	29				
Canada		<4	6				
7 - Table Grapes							
Canada		34	30				
China/Hong Kong		12	14				
Indonesia		4	6				
Mexico		3	5				
8 - Oranges and Products ³							
Canada		29	28				
South Korea		18	20				
China/Hong Kong		19	17				
Japan		15	13				
9 - Tomatoes, Processed							
Canada		40	43				
Mexico		13	12				
European Union		17	11				
10 - Cotton							
China/Hong Kong		33	35				
India		10	10				
Pakistan		11	7				
Indonesia		6	6				
Turkey		5	5				
Thailand		6	5				
11 - Lettuce							
Canada		93	91				
12 - Raisins							
European Union		41	38				
Japan		11	13				
Canada		11	10				
China/Hong Kong		5	5				
13 - Strawberries							
Canada		80	82				
Japan		9	9				
14 - Seeds, Sowing ⁸							
Mexico		25	23				
European Union		25	21				
Canada		16	16				
China/Hong Kong		3	6				
15 - Beef and Products ^{3,4}							
Japan		33	27				
South Korea		20	26				
China/Hong Kong		18	20				
Taiwan		9	12				
Vietnam		11	8				
16 - Hay ⁵							
Japan		52	40				
United Arab Emirates		29	30				
South Korea		10	15				
China/Hong Kong		3	9				
Taiwan		5	6				
17 - Dried Plums							
European Union		41	35				
Japan		18	19				
Canada		9	7				
18 - Lemons ³							
Japan		29	33				
Canada		27	32				
China/Hong Kong		9	9				
European Union		8	6				
19 - Peaches and Nectarines							
Canada		53	47				
Taiwan		21	20				
Mexico		9	19				
20 - Broccoli							
Canada		59	51				
Japan		29	34				
Taiwan		10	13				
21 - Cherries ³							
Canada		36	34				
Japan		21	21				
China/Hong Kong		8	13				
South Korea		7	8				
Taiwan		8	6				
22 - Raspberries and Blackberries ^{3,7}							
Canada		88	88				
Japan		8	6				
23 - Carrots ³							
Canada		91	90				
24 - Onions							
Canada		47	48				
Japan		11	16				
European Union		10	8				
Mexico		7	8				
25 - Flowers and Nursery ³							
Canada		65	48				
Mexico		16	25				
European Union		6	10				
26 - Cauliflower ³							
Canada		84	81				
Japan		9	11				
27 - Plums							
Canada		49	40				
China/Hong Kong		12	16				
Mexico		13	13				
Taiwan		11	13				
28 - Celery							
Canada		82	81				
Taiwan		6	5				
29 - Tomatoes, Fresh ³							
Canada		54	58				
Mexico		44	39				
30 - Melons							
Canada		85	84				
Mexico		6	7				
Japan		6	6				
31 - Spinach							
Canada		99	99				

Major Destinations for California Agricultural Exports, 2009-2010 ^{1, 2} *continued*

		Percent of Export Value			
		2009	2010	2009	2010
32 - Tangerines and					
Mandarins					
Canada	63	68			
Japan	21	22			
33 - Grape Juice					
Canada	61	57			
South Korea	21	17			
Japan	5	8			
China/Hong Kong	7	8			
34 - Grapefruit					
Japan	47	53			
European Union	28	23			
Canada	16	15			
35 - Potatoes					
Canada	63	58			
Mexico	21	21			
36 - Bell and					
Chili Peppers					
Canada	95	92			
38 - Garlic					
Canada	30	32			
Mexico	19	24			
European Union	19	14			
Australia	6	8			
Japan	6	6			
39 - Avocado					
Canada	88	48			
Japan	0	25			
Mexico	0	17			
South Korea	3	7			
40 - Blueberries					
Canada	71	55			
Japan	14	22			
South Korea	6	9			
41 - Pears					
Canada	55	62			
Mexico	19	15			
43 - Dates					
Canada	34	38			
Australia	30	30			
European Union	15	16			
44 - Figs					
Canada	46	46			
Mexico	26	31			
China/Hong Kong	12	11			
Japan	9	10			
46 - Dry Beans					
European Union	38	40			
Japan	24	16			
India	24	10			
Canada	13	7			
47 - Asparagus ³					
Canada	51	42			
Japan	33	34			
Switzerland	2	12			
European Union	8	7			
48 - Sweet Potatoes					
Canada	51	56			
European Union	47	41			
49 - Cottonseed and Byproducts ³					
China/Hong Kong	24	51			
Mexico	34	27			
South Korea	11	7			
Canada	14	7			
50 - Olives and Olive Oil ⁶					
Canada	36	38			
European Union	13	12			
Japan	14	10			
Mexico	11	10			
China/Hong Kong	6	7			
51 - Kiwi					
Canada	51	54			
Mexico	40	32			
52 - Apricots					
Canada	64	65			
Mexico	10	11			
	10	12			
56 - Artichokes					
Canada	94	90			
Mexico	6	9			
57 - Cabbage					
Canada	90	91			
Mexico	6	6			

Source: University of California, Agricultural Issues Center.

¹ This table shows destinations that receive shares of total exports greater than or equal to 5 percent of each commodity in either 2009 or 2010 for which reliable data are available.

² Accurate export destination data are only available for 51 of the top 57 commodities. The commodities which export destinations are not included are apples, chickens, eggs, mushrooms, turkey and wheat.

³ Values were revised for 2009 based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

⁴ Hides and skins are included in the heading "Beef and Products" from previous reports, but not explicitly highlighted because of its smaller percentage of total beef exports.

⁵ Hay export values for 2008 and 2009 were revised based on updated estimation methodologies, including the removal of alfalfa seed exports, which are now included in exports of seeds for sowing.

⁶ Product category "Olives and Olive Oil" is equal to the product category "Olives" found in previous years' data tables.

⁷ "Raspberries and Blackberries" category also include exports of mulberries and loganberries.

⁸ "Seeds, Sowing" export values and destinations have been added as a separate principal commodity in 2010.

Ratio of California Farm Quantity Exported to Farm Quantity Produced, 2009 and 2010

Commodity	Units	2009			2010		
		Quantity Exported	Quantity Produced	Ratio of Exported to Produced ¹	Quantity Exported	Quantity Produced	Ratio of Exported to Produced ¹
		1,000 Farm-gate Units			1,000 Farm-gate Units		
						Percentage	Percentage
Apples ⁴	cwt.	875	2,650	0.33	691	2,800	0.25
Apricots	short tons	6	69	0.09	7	65	0.10
Artichokes	cwt.	41	1,118	0.04	56	900	0.06
Asparagus ⁴	cwt.	3	400	0.01	5	403	0.01
Avocados	short tons	2	275	0.01	18	127	0.14
Beef and Products ⁴	liveweight cwt.	1,308	18,875	0.07	1,645	18,876	0.09
Bell and Chili Peppers	cwt.	91	242	0.38	140	280	0.50
Blueberries	cwt.	2,459	18,720	0.13	2,884	17,175	0.17
Broccoli	cwt.	124	4,938	0.03	123	4,688	0.03
Cabbage	cwt.	2,154	19,875	0.11	2,163	19,740	0.11
Carrots ⁴	cwt.	1,676	6,475	0.26	1,979	5,494	0.36
Cauliflower ²	cwt.	2,125	19,019	0.11	2,250	19,285	0.12
Celery	short tons	28	89	0.31	34	94	0.36
Cherries ⁴	bales	696	601	1.16	725	830	0.87
Cotton	short tons	33	275	0.12	30	349	0.09
Cottonseed and Byproducts ⁴	cwt.	60,305	395,120	0.15	96,312	403,850	0.24
Dairy and Products ^{3,4}	short tons	4	24	0.17	4	28	0.15
Dates	short tons	178	496	0.36	223	378	0.59
Dried Plums	cwt.	320	1,508	0.21	320	1,450	0.22
Dry Beans	dozens	7,743	442,000	0.02	6,767	449,167	0.02
Eggs ⁴	short tons	18	40	0.44	19	40	0.47
Figs	cwt.	475	3,677	0.13	535	3,614	0.15
Garlic	short tons	70	141	0.50	80	275	0.29
Grapefruit	short tons	1,808	6,501	0.28	1,861	6,636	0.28
Grapes, All ³	short tons	820	7,000	0.12	942	6,256	0.15
Hay ⁶	short tons	7	26	0.27	9	33	0.27
Kiwi	76lb boxes	2,759	20,500	0.13	2,846	22,105	0.13
Lemons ⁴	cwt.	5,228	66,065	0.08	5,431	67,550	0.08
Lettuce	cwt.	2,027	19,085	0.11	2,238	19,555	0.11
Melons	short tons	25	46	0.54	21	195	0.11
Olives and Olive Oil ⁷	cwt.	3,665	20,203	0.18	3,672	18,826	0.20
Onions	75lb boxes	18,040	57,500	0.31	26,189	61,500	0.43
Oranges and Products ⁴	cwt.	1,748	20,580	0.08	2,129	20,840	0.10
Peaches and Nectarines	short tons	24	255	0.09	22	220	0.10
Pears	cwt.	414	10,029	0.04	436	10,176	0.04
Pistachios	cwt., in shell	3,002	3,550	0.85	2,870	5,220	0.55
Plums	short tons	41	112	0.37	58	141	0.41
Potatoes	cwt.	1,445	14,644	0.10	1,690	13,215	0.13
Raspberries and Blackberries ^{4,8}	cwt.	592	1,232	0.48	498	810	0.61
Rice	cwt.	18,616	47,804	0.39	23,228	44,326	0.52
Spinach	cwt.	491	6,251	0.08	504	5,388	0.09
Strawberries	cwt.	2,531	24,856	0.10	2,753	25,829	0.11
Sweet Potatoes	cwt.	471	5,916	0.08	547	6,390	0.09
Tangerines and Mandarins	75lb boxes	749	9,900	0.08	845	19,800	0.04
Tomatoes, Fresh ²	cwt.	935	10,440	0.09	591	10,440	0.06
Tomatoes, Processed	short tons	2,125	13,314	0.16	2,301	12,297	0.19
Turkey	liveweight cwt.	160	3,900	0.04	168	4,043	0.04
Walnuts	short tons	275	437	0.63	280	503	0.56
Wheat	bushels	3,751	43,400	0.09	3,732	40,350	0.09
Weighted average ⁹				0.22			0.24

Source: University of California, Agricultural Issues Center.

¹ In general export quantities were converted to farm quantities using standard UDSA conversion tables.

² Values for 2009 were revised based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

³ Farm quantity exported for "Dairy and Products" is calculated by converting cheese, condensed milk, fluid milk, ice cream, nonfat dry milk, and whole dry milk to their fluid milk equivalents.

⁴ There is no addition for the farm quantity of milk allocated to whey exports because whey is a by-product from cheese production. Other dairy products including casein, lactose, milk albumin, products for infant use, pudding, and rennet are converted to farm equivalent by multiplying California's share of U.S. milk production to the U.S. export quantity for these products, then applying a conversion factor of 1 pound of product to 8 pounds of milk equivalent. The same conversion factor is used for nonfat dry milk.

⁵ "Grapes," all includes grape juice, raisins, table grapes, and wine.

⁶ Hay export values for 2009 were revised based on updated estimation methodologies, including the removal of alfalfa seed exports, which are now included in exports of "Seeds, Sowing."

⁷ Product category "Olives and Olive Oil" is equal to the product category "Olives" found in previous years' data tables.

⁸ "Raspberries and Blackberries" category also includes exports of mulberries and loganberries.

⁹ The weighted average is based on each of the 53 commodity's share of production value. Values for chickens, flowers and nursery products, mushrooms and seeds for sowing are not included because reliable data on export quantity is not available.