

# CALIFORNIA AGRICULTURAL EXPORTS 2019-2020





# California Agricultural Exports

In 2019, California’s agricultural exports totaled \$21.7 billion in value, representing an increase of more than 3 percent compared to the previous year. As indicated in the table below, California’s agricultural exports have grown substantially over the past 10 years, despite slight contractions in 2015 and 2016.

California’s top valued agricultural export commodity continues to be almonds, with a value of more than \$4.9 billion in foreign sales in 2019. This figure represents a change of 8 percent from the previous year. Pistachios ranked number two in export value at just over \$2 billion. California dairy and dairy products recorded an export value of \$1.8 billion in 2019, representing 12 percent growth over the prior year.

The principal 57 export commodities accounted for \$18.5 billion in export value in 2019, or 85 percent of the total value of California’s agricultural exports, while the remaining 15 percent of exports were associated with “Other Products and Mixtures”. Of the principal 57 commodities exported, 17 showed an increase in export value of 5 percent or more, compared to the previous year, while 25 experienced a decrease in export value of 5 percent or more.

California’s share of total U.S. agricultural exports for 2019 was nearly 16 percent, which is up slightly compared to the share reported last year. California’s top 10 export destinations – the European Union, Canada, China/Hong Kong, Japan, South Korea, Mexico, India, United Arab Emirates, Taiwan, and Turkey – accounted for 68 percent of the 2019 export value. United Arab Emirates showed the largest growth in total export value with a 47 percent increase compared to the previous year.

## Methodology

Data to compute agricultural exports are derived from official government sources, published industry sources and unpublished information from the government and the industry. Export quantities and values of the whole U.S. and California port districts are from the Department of Commerce (DOC) trade data posted on the United States International Trade Commission (USITC) 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 U.S. average export price for that commodity is used in order to provide a dollar value for exports.

Production quantities and values are from various National Agricultural Statistics Service (NASS), Economic Research Service (ERS), and Agricultural Marketing Service (AMS) publications. A share of the raw data provided in these USDA service publications are released as a preliminary report early in the calendar year followed by a more accurate final report released at a later date. For accuracy, The University of California Agricultural Issues Center (AIC) export estimates use data from final USDA reports.

California Agricultural Export Values, 2009-2019

Year	Export Value
	\$1 Billion
2019	\$21.71
2018	\$21.00
2017	\$20.78
2016	\$19.98
2015	\$20.81
2014	\$21.55
2013	\$21.55
2012	\$18.77
2011	\$17.23
2010	\$14.75
2009	\$12.44

AIC exports estimates use different methods from other sources, such as ERS. The ERS estimates are based on a state's national share of production of the exported commodity. The ERS method assumes 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 geographic port data, without direct links to where the product originated. The AIC export figures correspond to commodities that have been produced on farms and ranches within California. Products originated in another state and exported via California ports are not included in these statistics.

In most cases, AIC reports exports at the individual commodity level. For instance, exports of a given fruit in fresh, canned, and dried forms are summed and listed under the name of the fruit, although the method for fresh fruit exports may differ from the method 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.



## California Agricultural Products Export Values and Rankings, 2017-2019

2019 Rank	Product	2017	2018	2019	Change in Value 2018 to 2019 (In Percent) <sup>1</sup>
		\$1 Million			
1	Almonds <sup>2</sup>	4,482	4,531	4,901	8.2
2	Pistachios	1,518	1,736	2,010	15.8
3	Dairy and Products <sup>3</sup>	1,599	1,618	1,805	11.5
4	Wine	1,401	1,327	1,253	-5.6
5	Walnuts <sup>2</sup>	1,370	1,280	1,250	-2.4
6	Rice	637	629	765	21.7
7	Table Grapes <sup>2</sup>	795	803	743	-7.4
8	Tomatoes, Processed	649	599	623	4.0
9	Oranges and Products <sup>2,4</sup>	673	642	541	-15.7
10	Cotton <sup>2</sup>	377	449	438	-2.5
11	Beef and Products <sup>5</sup>	375	414	404	-2.3
12	Strawberries	414	439	402	-8.3
13	Hay	346	334	339	4.4
14	Seeds for Sowing <sup>2,4</sup>	374	335	333	-0.8
15	Lettuce	317	297	292	-1.7
16	Raisins	307	283	257	-9.2
17	Lemons <sup>2</sup>	219	299	206	-31.1
18	Raspberries and Blackberries <sup>6</sup>	130	135	162	20.4
19	Prunes	140	142	126	-11.3
20	Cauliflower	127	134	125	-7.0
21	Peaches and Nectarines	125	124	119	-4.7
22	Flowers and Nursery	117	112	117	4.6
23	Celery	78	75	102	35.6
24	Carrots	93	95	94	-1.7
25	Spinach	92	92	91	-1.3
26	Broccoli	90	96	86	-10.5
27	Cherries	161	71	85	19.0
28	Onions	69	72	84	16.6
29	Dates	54	65	73	12.3
30	Tangerines and Mandarins	49	51	66	29.3
31	Melons	65	68	54	-20.2
32	Sweet Potatoes	37	57	52	-9.5
33	Plums	68	58	49	-15.0
34	Pears	42	42	42	0.5
35	Blueberries	40	38	32	-13.9
36	Tomatoes, Fresh	41	35	30	-13.9
37	Olives and Olive Oil	40	35	28	-18.8
38	Grapefruit <sup>2</sup>	34	27	27	0.9
39	Garlic	38	28	26	-5.5
40	Kiwi	25	19	25	32.2
41	Bell and Chili Peppers	26	26	25	-5.9
42	Wheat	10	20	24	20.2
43	Potatoes	32	29	23	-19.2
44	Cabbage	15	19	23	21.6
45	Grape Juice	29	28	22	-19.9
46	Chickens <sup>2,4</sup>	21	21	21	0.8
47	Avocados	25	49	20	-58.7

## California Agricultural Products Export Values and Rankings, 2017-2019

2019 Rank	Product	2017	2018	2019	Change in Value 2018 to 2019 (In Percent) <sup>1</sup>
		\$1 Million			
48	Asparagus <sup>2,4</sup>	20	21	19	-7.2
49	Apples	21	22	19	-14.4
50	Dry Beans <sup>2</sup>	16	11	17	59.4
51	Turkey	18	18	17	-5.0
52	Figs	16	16	12	-21.0
53	Apricots	17	11	12	14.2
54	Eggs	7	8	11	43.1
55	Cottonseed and Byproducts	9	12	9	-22.0
56	Mushrooms	4	4	4	7.9
57	Artichokes	4	3	3	-2.0
	<b>Total Principal Commodities<sup>7</sup></b>	<b>17,895</b>	<b>18,001</b>	<b>18,540</b>	<b>3.0</b>
	<b>Total Other Products and Mixtures<sup>8,9</sup></b>	<b>2,887</b>	<b>2,997</b>	<b>3,167</b>	<b>5.7</b>
	<b>Total All Agricultural Exports<sup>10</sup></b>	<b>20,782</b>	<b>20,998</b>	<b>21,707</b>	<b>3.4</b>

<sup>1</sup> Total export values for each year are rounded to the nearest million dollars. More precise values are used in the percent change calculations.

<sup>2</sup> Export values for 2018 were revised based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

<sup>3</sup> Dairy and product export values were updated for 2017 and 2018 using improved estimation methods.

<sup>4</sup> Export values for 2017 were revised based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

<sup>5</sup> Hides and skins are included in the heading "Beef and Products".

<sup>6</sup> "Raspberries and Blackberries" category also includes exports of mulberries and loganberries.

<sup>7</sup> "Total Principal Commodity" values for 2017 and 2018 were revised based on updates to USDA NASS production data.

<sup>8</sup> "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; (b) categories for which the listed item does not provide data on individual commodities and (c) animal and plant products marketed in such small quantities that they are not included in the top 57 leading commodities.

<sup>9</sup> "Total Other Products and Mixtures" values for 2017 and 2018 were revised based on updates to USDA NASS production data.

<sup>10</sup> "Total All Agricultural Exports" values for 2017 and 2018 were revised based on updates to USDA NASS production data.

Source: University of California, Agricultural Issues Center



## California Share of U.S. Agricultural Exports by Category and Commodity, 2018 and 2019

Commodity	2018		2019		Change in California Share of U.S. Exports 2018 to 2019
	Total U.S. Export Value	California Percent Share	Total U.S. Export Value	California Percent Share	
	<i>\$1 Million</i>	<i>In Percent</i>	<i>\$1 Million</i>	<i>In Percent</i>	<i>Percent Change</i>
<b>Animal Products</b>	<b>18,773</b>	<b>11.4</b>	<b>19,194</b>	<b>11.8</b>	<b>2.9</b>
Dairy and Products	5,140	33.0	6,019	30.0	-9.1
Beef and Products <sup>1</sup>	9,362	4.4	8,721	4.6	4.9
Turkey	424	4.2	492	3.4	-18.3
Eggs	449	1.7	464	2.3	38.4
Chicken	3,399	0.3	3,498	0.6	88.6
<b>Field Crops</b>	<b>18,647</b>	<b>13.1</b>	<b>20,561</b>	<b>12.8</b>	<b>-2.9</b>
Cotton	6,907	6.4	6,141	7.1	10.6
Cottonseed and Byproducts	179	6.5	145	6.2	-3.7
Dry Beans	139	7.3	169	10.1	37.9
Hay	1,406	23.8	1,543	22.0	-7.5
Potatoes	235	12.3	254	9.2	-25.3
Rice	1,714	36.7	1,883	40.7	10.8
Seeds for Sowing	1,829	17.2	3,369	9.9	-42.7
Sweet Potatoes	192	29.9	188	27.6	-7.7
Tomatoes, Processed	643	93.1	623	100.0	7.4
Wheat	5,403	0.4	6,246	0.4	4.0
<b>Fruits</b>	<b>7,517</b>	<b>62.7</b>	<b>7,056</b>	<b>62.0</b>	<b>-1.0</b>
Apples	1,079	2.0	1,016	1.8	-9.1
Apricots	14	78.8	15	79.7	1.1
Avocados	54	90.2	27	74.7	-17.2
Blueberries	250	15.0	276	11.7	-21.9
Cherries	555	12.8	522	16.2	26.4
Dates	65	100.0	73	100.0	0.0
Figs	16	100.0	12	100.0	0.0
Grape Juice	72	38.3	66	33.8	-11.9
Grapefruit	104	30.1	97	27.8	-7.7
Kiwi	19	100.0	25	100.0	0.0
Lemons	235	89.2	226	91.0	2.1
Melons	158	42.8	136	39.6	-7.4
Olives and Olive Oil <sup>2</sup>	35	100.0	28	100.0	0.0
Oranges and Products	965	67.3	846	64.0	-4.9
Peaches and Nectarines	175	71.0	169	70.1	-1.2
Pears	191	21.9	200	21.1	-3.9
Plums	59	98.7	50	98.9	0.2
Prunes	142	100.0	126	100.0	0.0
Raisins	283	100.0	257	100.0	0.0
Raspberries and Blackberries <sup>3</sup>	167	80.5	181	89.8	11.5
Strawberries	494	88.7	445	90.4	1.9
Table Grapes	801	100.0	743	100.0	0.0
Tangerines and Mandarins	59	86.7	69	95.2	9.9
Wine	1,448	91.7	1,369	91.5	-0.2

## California Share of U.S. Agricultural Exports by Category and Commodity, 2018 and 2019

Commodity	2018		2019		Change in California Share of U.S. Exports 2018 to 2019
	Total U.S. Export Value	California Percent Share	Total U.S. Export Value	California Percent Share	
	\$1 Million	In Percent	\$1 Million	In Percent	Percent Change
<b>Tree Nuts</b>	<b>7,547</b>	<b>100.0</b>	<b>8,162</b>	<b>100.0</b>	<b>0.0</b>
Almonds	4,530	100.0	4,901	100.0	0.0
Walnuts	1,281	100.0	1,250	100.0	0.0
Pistachios	1,736	100.0	2,010	100.0	0.0
<b>Vegetables</b>	<b>1,695</b>	<b>58.8</b>	<b>1,782</b>	<b>56.3</b>	<b>-4.0</b>
Artichokes	3	100.0	3	100.0	0.0
Asparagus	84	23.9	82	23.4	-2.3
Bell and Chili Peppers	79	33.0	81	30.5	-7.7
Broccoli	105	92.0	95	90.1	-2.0
Cabbage	77	24.7	85	27.5	11.1
Carrots	114	83.5	110	85.2	2.1
Cauliflower	163	82.2	153	81.6	-0.7
Celery	84	89.9	116	88.1	-2.1
Garlic	28	100.0	26	100.0	0.0
Lettuce	442	67.3	458	63.7	-5.3
Mushrooms	47	7.8	44	9.0	16.3
Onions	231	31.3	281	30.0	-4.1
Spinach	126	72.9	135	66.9	-8.2
Tomatoes, Fresh	112	30.8	112	26.6	-13.7
<b>Flowers and Nursery</b>	<b>440</b>	<b>25.5</b>	<b>440</b>	<b>26.6</b>	<b>4.4</b>
<b>Total California Principal Commodities</b>	<b>54,620</b>	<b>33.0</b>	<b>57,195</b>	<b>32.4</b>	<b>-10.5</b>
<b>Total Other Products and Mixtures<sup>4</sup></b>	<b>84,924</b>	<b>3.5</b>	<b>79,455</b>	<b>4.0</b>	<b>11.5</b>
<b>Total U.S. Agricultural Exports<sup>5</sup></b>	<b>139,544</b>	<b>15.0</b>	<b>136,650</b>	<b>15.9</b>	<b>0.3</b>

<sup>1</sup> Hides and skins are included in the heading "Beef and Products".

<sup>2</sup> Product category "Olives and Olive Oil" is equal to the product category "Olives and Products" found in previous years' data tables.

<sup>3</sup> "Raspberries and Blackberries" category also includes exports of mulberries and loganberries.

<sup>4</sup> Total other products and mixtures is equal to total U.S. agricultural exports minus total California principal commodity exports.

<sup>5</sup> Total U.S. agricultural export values come from USDA. USDA defines agriculture to include: live animals, meat, and products of livestock, poultry, and Dairy products; hides and skins not leather products; animal fats and greases; food and feed grains and grain products; oilseeds and oilseed products; fruits, nuts, and vegetables and products of these; juices, wine, and malt products; beverages (not distilled spirits); essential oils; planting seeds; raw cotton, wool, and other fibers (not manufactured products of these); unmanufactured tobacco (not manufactured tobacco products); sugar and sugar products; coffee, cocoa, tea, and products of these; rubber and allied products; and stock for nurseries and greenhouses, spices, and crude or natural drugs. Fish, shellfish, and forestry products are not included in "agriculture".

Source: University of California, Agricultural Issues Center



**Major Destinations for California Agricultural Exports, 2018 and 2019<sup>1, 2</sup>**

Commodities <sup>1</sup> and Destinations	Percent of Total by Destination		Commodities <sup>1</sup> and Destinations	Percent of Total by Destination		Commodities <sup>1</sup> and Destinations	Percent of Total by Destination	
	2018	2019		2018	2019		2018	2019
<b>Almonds (1)</b>	<b>2018</b>	<b>2019</b>	<b>Oranges and Products (9)</b>	<b>2018</b>	<b>2019</b>	<b>Prunes (19)</b>	<b>2018</b>	<b>2019</b>
European Union	36	37	South Korea	32	30	European Union	30	31
India	13	15	Canada	22	19	Japan	22	21
China/Hong Kong	11	8	China/Hong Kong	21	17	Canada	9	9
Canada	6	6	Japan	11	15	China/Hong Kong	6	6
Japan	6	6	Other destinations	14	19	Mexico	6	8
United Arab Em	4	6				Australia	5	<5
Other destinations	24	24	<b>Cotton (10)</b>	<b>2018</b>	<b>2019</b>	Other destinations	19	25
			China/Hong Kong	35	25			
<b>Pistachios (2)</b>	<b>2018</b>	<b>2019</b>	India	34	28	<b>Cauliflower (20)</b>	<b>2018</b>	<b>2019</b>
China/Hong Kong	39	39	Vietnam	5	12	Canada	83	87
European Union	31	32	Pakistan	<5	8	Taiwan	8	7
Canada	6	5	Turkey	<5	6	Japan	6	<5
Other destinations	24	24	Other destinations	20	21	Other destinations	<5	6
<b>Dairy and Products (3)</b>	<b>2018</b>	<b>2019</b>	<b>Beef and Products (11)<sup>3</sup></b>	<b>2018</b>	<b>2019</b>	<b>Peaches and Nectarines (21)</b>	<b>2018</b>	<b>2019</b>
Mexico	18	19	South Korea	25	34	Canada	55	53
Philippines	<5	10	Japan	28	33	Mexico	23	24
China/Hong Kong	16	8	China/Hong Kong	18	17	Taiwan	10	11
South Korea	5	8	Vietnam	17	<5	Australia	5	<5
Canada	13	8	Taiwan	7	10	Other destinations	7	11
Indonesia	<5	6	Other destinations	5	7			
Japan	7	6				<b>Flowers and Nursery (22)</b>	<b>2018</b>	<b>2019</b>
Other destinations	38	35	<b>Strawberries (12)</b>	<b>2018</b>	<b>2019</b>	Canada	29	50
			Canada	67	67	Mexico	39	18
<b>Wine (4)</b>	<b>2018</b>	<b>2019</b>	Mexico	10	10	European Union	8	15
European Union	32	32	Japan	7	7	Peru	11	<5
Canada	30	30	Other destinations	17	17	Other destinations	13	17
China/Hong Kong	13	11						
Japan	6	7	<b>Hay (13)</b>	<b>2018</b>	<b>2019</b>	<b>Celery (23)</b>	<b>2018</b>	<b>2019</b>
Other destinations	19	20	Japan	36	37	Canada	78	87
			China/Hong Kong	23	22	Japan	6	<5
<b>Walnuts (5)</b>	<b>2018</b>	<b>2019</b>	South Korea	18	17	Other destinations	8	9
European Union	35	38	Saudi Arabia	11	9			
Turkey	9	11	United Arab Em	6	7	<b>Carrots (24)</b>	<b>2018</b>	<b>2019</b>
United Arab Em	6	10	Other destinations	6	8	Canada	89	88
Japan	10	8				Mexico	<5	7
South Korea	7	6	<b>Lettuce (15)</b>	<b>2018</b>	<b>2019</b>	Other destinations	11	5
Canada	7	6	Canada	88	88			
Other destinations	26	22	Taiwan	5	5	<b>Spinach (25)</b>	<b>2018</b>	<b>2019</b>
			Other destinations	7	7	Canada	93	83
<b>Rice (6)</b>	<b>2018</b>	<b>2019</b>				Mexico	7	17
Japan	41	39	<b>Raisins (16)</b>	<b>2018</b>	<b>2019</b>	Other destinations	0	0
South Korea	16	17	Japan	30	24			
Jordan	11	10	European Union	15	16	<b>Broccoli (26)</b>	<b>2018</b>	<b>2019</b>
Taiwan	<5	5	Canada	10	12	Canada	73	81
European Union	7	5	China/Hong Kong	7	6	Japan	22	13
Other destinations	25	24	Mexico	<5	5	Other destinations	5	6
			Other destinations	38	37			
<b>Table Grapes (7)</b>	<b>2018</b>	<b>2019</b>	<b>Lemons (17)</b>	<b>2018</b>	<b>2019</b>	<b>Cherries (27)</b>	<b>2018</b>	<b>2019</b>
Canada	26	27	Japan	33	33	Canada	26	27
Mexico	12	14	Canada	26	23	China/Hong Kong	21	21
Australia	6	7	South Korea	12	12	South Korea	23	19
Japan	6	6	China/Hong Kong	6	7	Taiwan	9	10
Taiwan	6	6	European Union	7	9	Japan	6	6
Vietnam	5	6	Other destinations	16	16	Other destinations	15	17
South Korea	6	5						
Philippines	5	5	<b>Raspberries and Blackberries (18)<sup>4</sup></b>	<b>2018</b>	<b>2019</b>	<b>Onions (28)</b>	<b>2018</b>	<b>2019</b>
China/Hong Kong	8	<5	Canada	74	71	Canada	47	48
Other destinations	20	23	Japan	6	6	Mexico	15	22
			Saudi Arabia	<5	5	European Union	7	6
<b>Tomatoes, Processed (8)</b>	<b>2018</b>	<b>2019</b>	Other destinations	20	18	Japan	8	5
Canada	40	39				Indonesia	5	<5
Mexico	12	12				Taiwan	5	<5
Japan	8	8				Other destinations	13	19
European Union	7	5						
Other destinations	33	36						



**Major Destinations for California Agricultural Exports, 2018 and 2019 <sup>1, 2</sup>**

Commodities <sup>1</sup> and Destinations	Percent of Total by Destination		Commodities <sup>1</sup> and Destinations	Percent of Total by Destination		Commodities <sup>1</sup> and Destinations	Percent of Total by Destination	
	2018	2019		2018	2019		2018	2019
<b>Dates (29)</b>			<b>Olives and Olive Oil (37)</b>			<b>Avocado (47)</b>		
Canada	31	29	Canada	41	35	South Korea	48	39
Australia	28	25	Mexico	19	16	Canada	11	39
Mexico	6	24	Japan	6	7	Japan	17	10
European Union	13	10	European Union	<5	5	Taiwan	<5	10
Other destinations	18	12	Other destinations	34	37	China/Hong Kong	5	<5
						Other destinations	13	3
<b>Tangerines and Mandarins (30)</b>			<b>Grapefruit (38)</b>			<b>Asparagus (48)</b>		
Canada	41	54	European Union	30	24	European Union	29	32
Japan	31	21	Japan	27	28	Japan	26	25
European Union	12	7	Canada	23	25	Australia	14	15
Mexico	<5	6	South Korea	11	16	Canada	13	12
Other destinations	16	11	Other destinations	9	7	Switzerland	7	5
						Other destinations	11	10
<b>Melons (31)</b>			<b>Garlic (39)</b>			<b>Dry Beans (50)</b>		
Canada	78	82	Canada	35	38	European Union	46	40
Mexico	13	8	Mexico	13	13	Canada	13	17
Other destinations	9	10	Japan	10	11	Pakistan	9	16
			Indonesia	6	9	Japan	5	<5
<b>Sweet Potatoes (32)</b>			Australia	<5	5	Other destinations	27	27
European Union	72	68	European Union	9	5			
Canada	25	28	Peru	6	<5	<b>Figs (52)</b>		
Other destinations	3	4	Other destinations	21	19	Canada	39	49
						China/Hong Kong	17	26
<b>Plums (33)</b>			<b>Kiwi (40)</b>			Japan	7	12
Canada	37	36	Mexico	47	48	Mexico	26	9
China/Hong Kong	29	28	Japan	29	30	Turkey	7	<5
Mexico	17	18	Canada	12	10	Other destinations	4	4
Taiwan	10	12	Other destinations	12	13			
Other destinations	7	5				<b>Apricots (53)</b>		
			<b>Bell and Chili Peppers (41)</b>			Canada	62	56
<b>Pears (34)</b>			Canada	96	95	Mexico	15	13
Canada	65	65	Other destinations	4	5	Japan	8	8
Mexico	23	23				Other destinations	15	23
Other destinations	12	12	<b>Potatoes (43)</b>					
			Canada	41	45	<b>Cottonseed and Byproducts (55)</b>		
<b>Blueberries (35)</b>			Mexico	23	19	Mexico	30	34
Canada	59	65	Taiwan	7	7	South Korea	18	20
European Union	11	8	Japan	7	6	Saudi Arabia	14	13
South Korea	8	6	Other destinations	22	23	Japan	12	13
Japan	7	6				Canada	5	5
Other destinations	15	15	<b>Cabbage (44)</b>			Other destinations	21	15
			Canada	93	96			
<b>Tomatoes, Fresh (36)</b>			Other destinations	7	4	<b>Artichokes (57)</b>		
Canada	91	94				Canada	67	65
Mexico	4	<5	<b>Grape Juice (45)</b>			Mexico	26	28
Other destinations	5	6	Canada	64	60	Other destinations	7	6
			Japan	<5	20			
			South Korea	13	<5			
			China/Hong Kong	5	<5			
			Philippines	7	<5			
			Other destinations	10	12			

<sup>1</sup> This table shows destinations that receive shares of total exports greater than or equal to 5 percent of each commodity in either 2018 or 2019 for which reliable data are available. The commodities are listed in order of export value and the numbers in parentheses correspond to the 2019 ranking in Table "California Agricultural Products Export Values and Rankings, 2017-2019."

<sup>2</sup> Accurate export destination data are only available for 50 of the top 57 commodities. The commodities for which export destinations are not included are "Apples", "Chickens", "Eggs", "Mushrooms", "Seeds for Sowing", "Turkey" and "Wheat".

<sup>3</sup> Hides and skins are included in the heading "Beef and Products".

<sup>4</sup> "Raspberries and Blackberries" category also includes exports of mulberries and loganberries.

Source: University of California Agricultural Issues Center

Major California Agricultural Exports to the Top 15 Destinations, 2018 and 2019

Commodities <sup>1</sup> and Destinations	Approximate Export Value \$1 Million <sup>1</sup>		Percent Change 2018 to 2019	Destination by Rank	Approximate Export Value \$1 Million <sup>1</sup>		Percent Change 2018 to 2019
	2018	2019			2018	2019	
<b>1- European Union (EU-28)</b>	<b>3,373.2</b>	<b>3,658.4</b>	<b>8.5</b>	<b>2-Canada</b>	<b>3,192.6</b>	<b>3,210.9</b>	<b>0.6</b>
Almonds	1,609.5	1,805.6	12.2	Wine	391.3	370.9	-5.2
Pistachios	532.3	649.1	21.9	Almonds	276.9	284.4	2.7
Walnuts	453.5	470.4	3.7	Strawberries	183.2	268.2	46.4
Wine	428.2	405.1	-5.4	Lettuce	260.3	257.9	-0.9
Dairy and Products	43.2	40.7	-5.6	Tomatoes, Processed	241.5	241.6	0.0
Raisins	41.7	40.5	-2.7	Table Grapes	206.5	203.9	-1.3
Prunes	42.3	38.9	-8.0	Dairy and Products	196.0	136.4	-30.4
Sweet Potatoes	41.1	35.3	-14.0	Raspberries and Blackberries <sup>2</sup>	99.5	115.4	15.9
Rice	39.1	33.7	-13.9	Cauliflower	111.1	108.6	-2.2
Tomatoes, Processed	44.4	30.7	-30.9	Oranges and Products	141.1	104.0	-26.3
Lemons	11.1	19.0	70.7	Pistachios	98.5	103.1	4.7
Flowers and Nursery	8.7	17.5	101.7	Celery	58.8	89.0	51.3
Cotton	7.4	11.4	54.6	Carrots	85.0	82.7	-2.8
Dates	8.3	7.4	-10.7	Walnuts	96.0	75.3	-21.6
Dry Beans	4.7	6.9	46.3	Spinach	85.6	75.2	-12.2
Grapefruit	9.6	6.5	-32.3	Broccoli	70.2	70.1	-0.2
Asparagus	6.1	6.2	1.6	Peaches and Nectarines	68.5	63.3	-7.5
Onions	5.2	5.2	0.9	Flowers and Nursery	32.3	59.2	83.2
Tangerines and Mandarins	5.9	4.3	-26.9	Lemons	41.3	47.7	15.3
Table Grapes	7.6	4.1	-45.9	Melons	52.5	44.2	-15.9
Oranges and Products	3.2	3.2	0.0	Onions	33.8	40.3	19.1
Strawberries	2.5	3.0	20.2	Tangerines and Mandarins	20.8	35.8	72.3
Blueberries	4.2	2.5	-40.0	Raisins	29.1	30.7	5.6
Raspberries and Blackberries <sup>2</sup>	1.2	2.2	86.3	Tomatoes, Fresh	31.4	28.0	-10.8
				Pears	27.4	27.2	-0.7
				Bell and Chili Peppers	24.9	23.4	-6.2
				Cherries	18.2	23.2	27.6
				Cabbage	17.9	22.4	24.7
				Dates	20.3	20.9	3.1
				Blueberries	22.1	20.9	-5.4
				Plums	21.4	17.9	-16.5
				Sweet Potatoes	14.4	14.6	1.6
				Grape Juice	17.7	13.4	-24.2
				Prunes	12.5	11.1	-10.7
				Potatoes	11.9	10.6	-11.2
				Garlic	9.7	10.1	4.9
				Olives and Olive Oil	14.3	10.1	-29.5
				Apricot	6.7	6.8	1.6
				Grapefruit	7.2	6.8	-5.2
				Rice	6.7	6.6	-1.2
				Figs	6.2	6.1	-1.8
				Hay	4.5	5.6	24.7
				Avocados	5.4	4.4	-17.6
				Mushrooms	2.7	3.0	9.7
				Dry Beans	1.3	2.9	121.7
				Kiwi	2.3	2.5	8.0
				Asparagus	2.6	2.3	-12.0
				Artichokes	2.2	2.1	-5.3

Major California Agricultural Exports to the Top 15 Destinations, 2018 and 2019

Commodities <sup>1</sup> and Destinations	Approximate Export Value			Destination by Rank	Approximate Export Value		
	\$1 Million <sup>1</sup>		Percent Change 2018 to 2019		\$1 Million <sup>1</sup>		Percent Change 2018 to 2019
	2018	2019			2018	2019	
<b>3- China/Hong Kong</b>	<b>2,252.1</b>	<b>1,931.0</b>	<b>-14.3</b>	<b>5- South Korea</b>	<b>1,010.9</b>	<b>1,057.4</b>	<b>4.6</b>
Pistachios	673.5	776.6	15.3	Almonds	165.4	180.2	8.9
Almonds	517.8	373.3	-27.9	Oranges and Products	206.6	163.7	-20.8
Dairy and Products	243.9	142.7	-41.5	Dairy and Products	69.3	137.1	97.9
Wine	174.9	138.3	-20.9	Beef and Products <sup>3</sup>	125.4	136.2	8.6
Cotton	126.4	107.6	-14.9	Rice	88.8	120.4	35.5
Oranges and Products	135.0	91.2	-32.4	Walnuts	95.8	80.6	-15.9
Hay	75.5	73.9	-2.1	Hay	59.7	57.9	-3.1
Beef and Products <sup>3</sup>	86.5	68.1	-21.3	Table Grapes	50.4	39.9	-20.7
Table Grapes	62.9	29.1	-53.7	Lemons	19.2	24.3	26.5
Cherries	15.1	17.5	16.0	Wine	20.7	22.7	9.7
Walnuts	36.5	16.9	-53.6	Tomatoes, Processed	19.4	19.7	1.5
Raisins	19.3	15.3	-20.9	Cherries	16.4	16.1	-1.4
Plums	17.0	13.9	-18.3	Raisins	9.4	9.7	2.6
Tomatoes, Processed	15.6	13.9	-10.7	Pistachios	7.9	9.0	14.6
Lemons	10.5	13.5	28.7	Avocados	23.5	7.8	-66.7
Prunes	8.8	8.1	-7.9	Strawberries	3.2	5.7	79.1
Rice	5.5	7.7	40.1	Prunes	6.0	4.6	-22.6
Strawberries	4.8	5.2	8.8	Grapefruit	3.5	4.2	20.7
Raspberries and Blackberries <sup>2</sup>	3.1	4.7	52.8	Raspberries and Blackberries <sup>2</sup>	1.7	2.8	65.6
Figs	2.7	3.2	16.7	Cotton	0.0	2.4	-
Celery	2.8	2.7	-4.9				
<b>4- Japan</b>	<b>1,556.6</b>	<b>1,594.7</b>	<b>2.4</b>	<b>6- Mexico</b>	<b>906.8</b>	<b>1,018.5</b>	<b>12.3</b>
Rice	232.0	276.7	19.3	Dairy and Products	269.5	338.1	25.5
Almonds	258.5	275.8	6.7	Table Grapes	99.7	107.3	7.7
Beef and Products <sup>3</sup>	137.7	133.7	-2.9	Almonds	85.8	98.8	15.1
Hay	119.7	125.2	4.6	Tomatoes, Processed	72.8	77.1	5.9
Dairy and Products	101.7	115.4	13.5	Walnuts	50.0	44.1	-11.8
Walnuts	132.2	100.1	-24.3	Strawberries	26.7	41.9	56.8
Wine	84.8	85.5	0.8	Pistachios	32.6	32.9	1.2
Oranges and Products	68.5	81.2	18.5	Peaches and Nectarines	28.2	28.7	1.9
Lemons	53.3	68.5	28.4	Rice	20.8	24.5	17.8
Raisins	84.5	62.6	-25.9	Flowers and Nursery	43.8	21.2	-51.6
Table Grapes	45.1	47.8	6.1	Onions	11.2	18.3	63.5
Tomatoes, Processed	46.1	47.4	2.9	Dates	4.1	17.3	320.6
Strawberries	19.9	26.8	34.8	Wine	18.8	16.6	-11.8
Prunes	30.9	26.3	-14.9	Spinach	6.0	15.3	153.5
Pistachios	17.9	20.2	12.8	Oranges and Products	12.6	13.8	9.0
Tangerines and Mandarins	15.7	14.1	-10.0	Raisins	12.6	13.0	3.0
Broccoli	20.8	11.6	-44.0	Kiwi	8.8	12.1	37.8
Raspberries and Blackberries <sup>2</sup>	8.1	9.8	21.8	Lettuce	6.7	10.1	50.4
Kiwi	5.3	7.6	42.8	Pears	9.7	9.9	2.4
Grapefruit	8.4	7.5	-9.6	Prunes	9.2	9.5	3.3
Cherries	4.0	5.5	37.6	Plums	9.6	9.1	-5.0
Asparagus	5.4	4.9	-10.4	Carrots	4.4	6.1	38.7
Onions	5.4	4.5	-17.3	Potatoes	6.7	4.5	-32.3
Grape Juice	1.0	4.5	361.8	Olives and Olive Oil	6.5	4.5	-30.6
Celery	4.4	3.8	-13.4	Tangerines and Mandarins	1.4	4.2	191.9
Cauliflower	7.7	3.5	-54.5	Melons	9.1	4.2	-54.1
Garlic	2.8	2.8	0.0	Beef and Products <sup>3</sup>	3.3	4.0	22.9
Cotton	4.7	2.8	-41.6	Lemons	4.0	3.8	-3.4
Avocados	8.3	2.5	-70.1	Garlic	3.7	3.4	-6.3
Melons	2.5	2.1	-17.7	Cotton	0.0	3.3	-
Blueberries	2.7	2.1	-23.3	Cottonseed	4.2	3.1	-26.8
Olives and Olive Oil	2.2	2.0	-7.8	Raspberries and Blackberries <sup>2</sup>	5.2	2.7	-48.7
				Cauliflower	2.4	2.2	-7.0

Major California Agricultural Exports to the Top 15 Destinations, 2018 and 2019

Commodities <sup>1</sup> and Destinations	Approximate Export Value \$1 Million <sup>1</sup>			Destination by Rank	Approximate Export Value \$1 Million <sup>1</sup>		
	2018	2019	Percent Change 2018 to 2019		2018	2019	Percent Change 2018 to 2019
<b>7- India</b>	<b>815.7</b>	<b>969.2</b>	<b>18.8</b>	<b>10- Turkey</b>	<b>291.0</b>	<b>375.5</b>	<b>29.1</b>
Almonds	599.6	732.8	22.2	Almonds	98.9	146.0	47.7
Cotton	123.0	124.2	1.0	Walnuts	109.9	136.9	24.6
Pistachios	33.0	63.1	91.2	Pistachios	68.9	55.4	-19.5
Walnuts	28.6	23.5	-17.7	Cotton	7.9	25.5	224.2
Dairy and Products	21.0	16.5	-21.4	Tomatoes, Processed	1.4	7.0	387.2
Tomatoes, Processed	2.7	3.6	32.6	Rice	1.0	2.7	165.7
<b>8- United Arab Emirates</b>	<b>365.1</b>	<b>537.1</b>	<b>47.1</b>	<b>11- Vietnam</b>	<b>484.5</b>	<b>320.7</b>	<b>-33.8</b>
Almonds	198.4	271.8	37.0	Almonds	184.8	69.1	-62.6
Walnuts	73.5	119.3	62.3	Dairy and Products	47.0	54.7	16.5
Pistachios	28.1	42.6	51.6	Cotton	18.9	51.0	170.1
Dairy and Products	9.8	27.0	174.4	Table Grapes	39.4	42.1	6.8
Hay	20.5	23.7	15.6	Pistachios	53.1	34.7	-34.7
Tomatoes, Processed	7.6	16.5	115.5	Wine	27.5	25.8	-6.2
Strawberries	6.3	9.6	51.5	Walnuts	15.9	11.0	-30.8
Raspberries and Blackberries <sup>2</sup>	4.8	6.9	43.6	Rice	0.9	9.9	1,003.1
Rice	1.9	6.4	234.1	Raisins	5.1	9.2	81.6
Wine	4.5	4.8	7.5	Beef and Products <sup>3</sup>	83.9	4.7	-94.4
Table Grapes	3.8	3.0	-22.0	Cherries	1.4	3.7	159.4
				Prunes	5.2	2.1	-59.2
<b>9- Taiwan</b>	<b>307.4</b>	<b>394.0</b>	<b>28.2</b>	<b>12- Australia</b>	<b>272.5</b>	<b>278.4</b>	<b>2.2</b>
Dairy and Products	27.5	73.9	168.8	Dairy and Products	51.7	62.1	20.2
Table Grapes	44.6	47.5	6.5	Table Grapes	46.4	50.6	8.9
Almonds	29.7	39.2	32.0	Almonds	29.5	32.2	8.8
Beef and Products <sup>3</sup>	36.9	39.0	5.6	Pistachios	24.6	26.4	7.5
Rice	21.0	37.5	78.5	Walnuts	28.8	19.4	-32.5
Walnuts	19.2	21.8	13.4	Dates	18.1	18.3	1.3
Hay	13.2	14.6	10.7	Oranges and Products	16.0	15.3	-4.0
Lettuce	14.8	13.9	-5.8	Rice	9.4	9.3	-1.0
Peaches and Nectarines	12.3	13.5	9.4	Tomatoes, Processed	11.8	8.4	-29.4
Oranges and Products	8.6	12.8	49.2	Lemons	4.4	7.3	67.9
Wine	11.8	10.2	-13.4	Peaches and Nectarines	5.8	4.6	-20.8
Raisins	8.7	9.4	7.8	Wine	4.1	4.4	6.3
Pistachios	6.0	9.1	50.9	Prunes	6.5	3.9	-40.0
Cauliflower	10.6	8.5	-19.4	Asparagus	2.8	2.8	-0.3
Cherries	6.4	8.1	26.6	Cherries	2.6	2.2	-14.1
Tomatoes, Processed	6.5	6.7	3.4	Tangerines and Mandarins	1.8	2.1	19.4
Plums	5.7	6.0	5.1				
Cotton	3.1	2.5	-19.6	<b>13- Philippines</b>	<b>132.4</b>	<b>266.2</b>	<b>101.0</b>
Celery	3.4	2.5	-26.7	Dairy and Products	40.1	179.5	347.8
Lemons	1.4	2.2	55.4	Table Grapes	37.3	33.7	-9.6
Raspberries and Blackberries <sup>2</sup>	1.3	2.1	67.2	Wine	11.2	14.5	28.8
Onions	3.6	2.1	-43.2	Raisins	13.5	9.4	-30.4
Avocados	2.1	2.0	-4.7	Tomatoes, Processed	7.6	8.9	18.0
				Beef and Products <sup>3</sup>	4.1	4.6	10.7
				Oranges and Products	4.7	4.2	-9.6
				Almonds	1.9	2.0	4.6

### Major California Agricultural Exports to the Top 15 Destinations, 2018 and 2019

Commodities <sup>1</sup> and Destinations	Approximate Export Value \$1 Million <sup>1</sup>			Destination by Rank	Approximate Export Value \$1 Million <sup>1</sup>		
	2018	2019	Percent Change 2018 to 2019		2018	2019	Percent Change 2018 to 2019
<b>14- Saudi Arabia</b>	<b>207.2</b>	<b>233.1</b>	<b>12.5</b>	<b>15- Indonesia</b>	<b>93.4</b>	<b>188.9</b>	<b>102.3</b>
Almonds	54.6	69.5	27.1	Dairy and Products	27.9	116.3	317.3
Pistachios	44.8	42.5	-5.1	Table Grapes	21.3	18.4	-13.5
Hay	36.9	31.8	-14.0	Almonds	12.9	14.2	10.4
Rice	9.0	31.2	245.7	Cotton	5.9	8.3	41.3
Strawberries	13.2	17.8	34.8	Beef and Products <sup>3</sup>	4.2	5.9	39.3
Dairy and Products	22.4	12.3	-45.1	Raisins	4.8	5.6	16.4
Walnuts	9.3	9.4	1.3	Onions	3.6	3.5	-5.4
Raspberries and Blackberries <sup>2</sup>	5.1	8.3	62.9	Oranges and Products	1.5	2.7	77.0
Tomatoes, Processed	4.5	3.9	-12.1	Prunes	0.9	2.7	188.6
				Garlic	1.6	2.4	49.6

<sup>1</sup> This table provides the total export value and export values for individual commodities to the top 15 destinations. Only commodities with export values greater than \$2 million to the destination are reported.

<sup>2</sup> "Raspberries and Blackberries" category also includes exports of mulberries and loganberries.

<sup>3</sup> Hides and skins are included in the heading "Beef and Products".

Source: University of California Agricultural Issues Center



## Major California Agricultural Exports to the European Union (EU), 2018 and 2019

(Approximate Export Value, \$1 Million)

2019

Rank	EU-28 Member <sup>1</sup>	Almonds	Wine	Pistachios	Walnuts	Raisins	Other Principal Products <sup>2</sup>	Total <sup>3</sup>
1	Spain	594	2	99	97	<1	21	814
2	Germany	297	31	201	166	10	27	732
3	Netherlands	255	13	57	73	5	70	473
4	United Kingdom	110	222	37	26	6	56	455
5	Italy	212	3	52	94	<1	34	395
6	Belgium	62	30	112	2	<1	21	228
7	France	86	32	42	1	<1	10	172
8	Sweden	21	19	1	3	11	8	63
9	Denmark	20	32	0	2	3	2	58
10	Estonia	38	<1	10	<1	<1	<1	48
	Other EU Members <sup>4</sup>	111	22	40	4	5	39	221
	<b>Total<sup>3</sup></b>	<b>1,806</b>	<b>405</b>	<b>649</b>	<b>470</b>	<b>41</b>	<b>288</b>	<b>3,658</b>

2018

Rank	EU-28 Member <sup>1</sup>	Almonds	Wine	Pistachios	Walnuts	Raisins	Other Principal Products <sup>2</sup>	Total <sup>3</sup>
1	Spain	533	2	44	113	1	18	711
2	Germany	283	38	159	149	9	33	671
3	United Kingdom	223	14	75	58	3	76	448
4	Netherlands	91	203	31	35	11	62	432
5	Italy	176	1	36	69	<1	47	329
6	Belgium	50	29	133	10	<1	16	239
7	France	78	69	34	2	<1	11	193
8	Sweden	20	35	<1	3	3	7	68
9	Denmark	21	18	<1	5	10	9	64
10	Poland	42	<1	4	1	<1	<1	47
	Other EU Members <sup>5</sup>	94	20	16	8	4	29	171
	<b>Total<sup>3</sup></b>	<b>1,610</b>	<b>428</b>	<b>532</b>	<b>453</b>	<b>42</b>	<b>308</b>	<b>3,373</b>

<sup>1</sup> The EU-28 members to which California exports are shipped reflect only the initial destination of the product, not the EU country of consumption. Many products are distributed throughout the EU after the initial entry.

<sup>2</sup> "Other Principal Products" are those that individually account for less than \$100 million in export value to the EU.

<sup>3</sup> Accurate export destination data is only available for 50 of the top 57 commodities. The commodities for which export destinations are not included are "Apples", "Chickens", "Eggs", "Mushrooms", "Seeds for Sowing", "Turkey" and "Wheat". Totals may not equal due to rounding.

<sup>4</sup> The other 18 EU members in 2019 include Austria, Bulgaria, Cyprus, Croatia, Czech Republic, Finland, Greece, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovak Republic, and Slovenia. These countries combined account for just over 6 percent of California agricultural exports to the EU in 2019.

<sup>5</sup> The other 18 EU members in 2018 include Austria, Bulgaria, Cyprus, Croatia, Czech Republic, Estonia, Finland, Greece, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Malta, Portugal, Romania, Slovak Republic, and Slovenia. These countries combined account for just over 5 percent of California agricultural exports to the EU in 2018.

Source: University of California Agricultural Issues Center

## Ratio of California Farm Quantity Exported to Farm Quantity Produced, 2018 and 2019

(Export Volumes in Farm Weight Basis)

Commodity	Farm-Gate Units	2018		Ratio of Quantity Exported to Quantity Produced	2019		Ratio of Quantity Exported to Quantity Produced
		Quantity Exported <sup>1</sup>	Quantity Produced		Quantity Exported <sup>1</sup>	Quantity Produced	
		1,000 Farm-Gate Units			1,000 Farm-Gate Units		
Almonds	cwt.	14,962	22,800	0.66	15,845	25,500	0.62
Apples	cwt.	728	2,500	0.29	639	3,020	0.21
Apricots	short tons	10	32	0.31	12	44	0.28
Artichokes	cwt.	42	1,001	0.04	39	1,008	0.04
Asparagus	cwt.	6	180	0.03	6	182	0.03
Avocados <sup>2</sup>	short tons	17	169	0.10	7	108	0.06
Beef and Products <sup>3</sup>	liveweight cwt.	1,747	24,106	0.07	1,799	23,123	0.08
Blueberries	cwt.	159	635	0.25	185	718	0.26
Broccoli	cwt.	1,466	15,965	0.09	1,227	15,952	0.08
Cabbage	cwt.	221	4,828	0.05	291	5,945	0.05
Carrots <sup>2</sup>	cwt.	1,847	38,464	0.05	1,816	43,338	0.04
Cauliflower	cwt.	2,346	8,119	0.29	2,345	8,915	0.26
Celery	cwt.	2,235	16,680	0.13	1,841	15,720	0.12
Cherries	short tons	17	44	0.39	19	54	0.35
Cotton	bales	744	914	0.82	777	821	0.95
Cottonseed and Byproducts	short tons	54	339	0.16	32	324	0.10
Dairy and Products <sup>2,4</sup>	cwt.	141,682	404,040	0.35	135,935	405,640	0.34
Dates	short tons	11	29	0.37	16	48	0.33
Dry Beans	cwt.	256	1,150	0.22	434	1,054	0.41
Eggs	100-dozens	89	3,579	0.02	159	3,250	0.05
Figs	short tons	11	26	0.43	7	16	0.43
Garlic	cwt.	414	5,233	0.08	372	4,185	0.09
Grapefruit <sup>2</sup>	short tons	59	152	0.39	53	152	0.35
Grapes, All <sup>5</sup>	short tons	1,438	7,130	0.20	1,337	6,400	0.21
Hay	short tons	1,213	4,278	0.28	1,180	4,118	0.29
Kiwi	short tons	9	38	0.23	12	51	0.24
Lemons	76lb boxes	4,251	22,800	0.19	3,000	25,700	0.12
Lettuce <sup>2</sup>	cwt.	4,496	57,672	0.08	4,387	58,487	0.08
Melons	cwt.	2,322	19,360	0.12	1,907	16,131	0.12
Olives and Olive Oil	short tons	67	54	1.24	47	168	0.28
Onions <sup>2</sup>	cwt.	3,114	18,819	0.17	2,528	18,270	0.14
Oranges and Products <sup>2</sup>	short tons	590	1,992	0.30	560	2,132	0.26
Peaches and Nectarines	cwt.	1,077	11,910	0.09	1,047	12,542	0.08
Pears	short tons	28	161	0.17	29	161	0.18
Peppers, Bell and Chili	cwt.	342	7,115	0.05	314	5,783	0.05
Pistachios	cwt., in shell	5,006	9,870	0.51	5,683	7,400	0.77
Plums	short tons	35	99	0.35	29	92	0.31
Potatoes <sup>2</sup>	cwt.	1,351	15,470	0.09	1,190	18,601	0.06
Prunes	short tons	121	273	0.43	108	282	0.38
Raspberries and Blackberries <sup>6</sup>	cwt.	415	1,423	0.29	519	1,435	0.36
Rice <sup>2</sup>	cwt.	16,552	42,911	0.39	20,228	41,933	0.48
Spinach	cwt.	641	5,525	0.12	671	7,014	0.10
Strawberries	cwt.	3,194	25,750	0.12	2,701	20,480	0.13
Sweet Potatoes	cwt.	1,973	7,770	0.25	1,579	8,121	0.19
Tangerines and Mandarins	short tons	31	1,060	0.03	46	880	0.05
Tomatoes, Fresh	cwt.	529	8,172	0.06	437	6,485	0.07
Tomatoes, Processed <sup>2</sup>	short tons	2,982	12,284	0.24	2,907	11,186	0.26
Turkey	liveweight cwt.	178	3,179	0.06	108	2,542	0.04
Walnuts	short tons	398	676	0.59	428	653	0.66
Wheat <sup>2</sup>	bushels	2,234	11,985	0.19	2,891	7,244	0.40
<b>Weighted Average<sup>7</sup></b>				<b>0.26</b>			<b>0.28</b>

<sup>1</sup> Export quantities of processed goods were converted to farm fresh quantities using conversion factors published by USDA ERS (<https://www.ers.usda.gov/publications/pub-details/?pubid=41881>) or annual conversion factors published by USDA NASS in annual crop summaries.

<sup>2</sup> Quantities for 2018 were revised based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

<sup>3</sup> Hides and skins are included in the heading "Beef and Products".

<sup>4</sup> 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.

<sup>5</sup> "Grapes, All" includes grape juice, raisins, table grapes, and wine.

<sup>6</sup> "Raspberries and Blackberries" category also includes exports of mulberries and loganberries.

<sup>7</sup> 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.

Source: University of California Agricultural Issues Center