

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweet potatoes, and commercial vegetables and melons.

For potatoes and sweet potatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

Commercial vegetables for fresh market include 26 principal vegetable and melon crops in the major producing States. These estimates relate to crops which are grown primarily for sale and do not include vegetables and melons produced in farm and non-farm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. The commercial estimates of these crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets. For fresh market vegetables and melons, value per unit and total value are on an f.o.b. basis.

For processing vegetables, the estimates of area, production, and value for each of 10 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. The processed segment of production for asparagus, broccoli, and cauliflower, combined with fresh market production during the year, is published separately at the end of the season. For processed vegetables, value per unit and total value are at processing plant door.

Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production.

Table 4-1.—Vegetables, commercial: Area, production, and value of principal crops, United States, 2008-2017

Year	Area ¹	
	Fresh market ²	Processing ³
	Acres	Acres
2008	1,710,884	1,224,410
2009	1,681,774	1,264,849
2010	1,685,155	1,142,000
2011	1,624,535	1,057,480
2012	1,626,510	1,135,605
2013	1,628,010	1,053,160
2014	1,571,860	1,097,770
2015	1,561,350	1,075,750
2016 ⁴	(NA)	(NA)
2017	(NA)	(NA)
Year	Production ⁵	
	Fresh market ²	Processing ³
	1,000 cwt	Tons
2008	445,551	17,473,670
2009	437,980	19,518,030
2010	438,324	17,599,990
2011	426,656	17,001,540
2012	429,988	18,225,775
2013	418,009	17,168,580
2014	409,104	19,248,660
2015	404,590	19,371,595
2016	375,305	19,985,548
2017	(NA)	(NA)
Year	Value ⁶	
	Fresh market ²	Processing ³
	1,000 dollars	1,000 dollars
2008	10,297,645	1,896,796
2009	10,757,613	2,102,214
2010	10,777,069	1,659,332
2011	10,532,246	1,771,192
2012	9,797,128	2,002,481
2013	11,488,248	2,092,316
2014	10,729,140	2,326,419
2015	14,643,712	2,196,736
2016	11,084,467	2,280,068
2017	(NA)	(NA)

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. For Table 4-1, 2016 and 2017 has fresh market production, processing production, fresh market value, and processing value.

(NA) Not applicable. ¹Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. ²Area, production, and farm value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, bell peppers, chile peppers, pumpkins, spinach, squash, tomatoes, and water-melons. ³Area, production, and farm value of the following 8 crops in all States: Lima beans, snap beans, carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates. ⁴Beginning in 2016, acreage estimates for fresh market and processing utilizations were discontinued. ⁵Production for fresh market excludes some quantities not marketed because of low prices or other economic factors. ⁶Value for all fresh market vegetables. For processing vegetables, value at processing plant door.

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Table 4-2.—Vegetables, commercial: Area of principal crops, by State and United States, 2015–2017 ¹

State	Fresh market ²	Processing ³	Total acres harvested	
	2015	2015	2016	2017
	Acres	Acres	Acres	Acres
Alabama	4,900	.....	3,500	5,400
Arizona	112,800	.....	124,400	131,600
Arkansas	2,300	.....	.....	.....
California	711,900	313,550	1,016,300	971,500
Colorado	11,750	.....	(D)	(D)
Connecticut	3,600	.....	.....	.....
Delaware	5,900	28,000	(D)	(D)
Florida	154,500	.....	159,900	164,900
Georgia	90,100	2,750	93,300	90,200
Idaho	8,000	.....	13,400	11,900
Illinois	20,800	36,100	55,300	46,100
Indiana	14,400	.....	33,100	30,800
Maine	1,400	.....	.....	.....
Maryland	8,670	11,490	18,600	(D)
Massachusetts	3,300	.....	.....	.....
Michigan	47,900	.....	104,500	101,100
Minnesota .....	.....	158,000	166,800	164,540
Mississippi	1,800	.....	.....	.....
Missouri	2,600	(D)	2,700	3,000
Nevada	4,200	.....	.....	.....
New Hampshire	1,300	.....	.....	.....
New Jersey	22,600	3,800	27,900	27,700
New Mexico	13,300	.....	14,800	14,700
New York	56,210	39,510	87,100	86,400
North Carolina	28,300	.....	38,200	37,100
Ohio	29,100	9,700	37,000	36,300
Oklahoma	4,000	.....	.....	.....
Oregon	29,400	51,800	(D)	(D)
Pennsylvania	18,730	.....	23,900	24,250
Rhode Island	(D)	.....	.....	.....
South Carolina	14,500	.....	14,300	(D)
Tennessee	10,990	.....	15,600	14,300
Texas	49,050	8,270	63,800	66,400
Utah	1,300	.....	.....	.....
Vermont	(D)	.....	.....	.....
Virginia	8,360	.....	(D)	4,900
Washington	54,100	127,930	174,200	154,700
Wisconsin	8,000	172,220	(D)	(D)
Other States ⁴	1,290	112,630	292,600	294,330
United States	1,561,350	1,075,750	2,581,200	2,482,120

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Table 4-2 shows total area harvested for 2016 and 2017.

(D) Withheld to avoid disclosing data for individual operations. ¹ Area for fresh market and for processing is area harvested. ² Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, bell peppers, Chile pepper, spinach, tomatoes, and watermelons. ³ Includes Lima beans, snap beans, carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ⁴ Other States include Alabama, Arkansas, Florida, Iowa, Idaho, Indiana, Massachusetts, Michigan, North Carolina, Pennsylvania, and South Carolina.

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Table 4-3.—Vegetables, commercial: Production of principal crops, by State and United States, 2015–2017

State	Fresh market ¹		Processing ²		Total Production	
	2015 1,000 cwt	2016 1,000 cwt	2015 tons	2016 Tons	2016 1,000 cwt	2017 1,000 cwt
Alabama	860			16,450	329	756
Arizona	29,510	35,480		5,700	35,534	36,376
Arkansas	490					
California	207,069	197,205	14,483,930	13,571,200	470,045	422,523
Colorado	4,462	1,322		200	(D)	(D)
Connecticut	209					
Delaware	1,150	1,268	99,190	89,450	(D)	(D)
Florida	31,177	31,069		100,900	32,294	36,696
Georgia	18,540	18,765	15,390	22,243	19,428	20,856
Idaho	5,760	4,868		103,800	8,374	6,229
Illinois	3,759	2,464	153,950	401,350	10,537	9,204
Indiana	3,018	4,562		254,830	10,103	9,316
Maine	85					
Maryland	1,398	1,397	50,780	47,850	2,928	(D)
Massachusetts	251					
Michigan	8,054	6,525		551,025	17,403	18,019
Minnesota		513	905,855	812,644	18,388	21,105
Mississippi	315					
Missouri	572	1,015	(D)	1,950	1,053	705
Nevada	1,369					
New Hampshire	88					
New Jersey	3,789	3,061	16,710	33,300	3,865	4,060
New Mexico	5,142	3,798		56,000	4,930	6,082
New York	9,658	7,786	174,320	177,700	11,874	13,642
North Carolina	5,303	5,816		45,560	6,750	7,278
Ohio	4,192	3,649	133,690	193,410	7,820	7,996
Oklahoma	540					
Oregon	15,555	8,084	316,040	666,403	(D)	(D)
Pennsylvania	2,168	1,625		22,520	2,090	2,270
Rhode Island	(D)					
South Carolina	4,173	4,112		2,950	4,176	(D)
Tennessee	1,489	1,849		13,400	2,129	1,975
Texas	9,821	13,958	76,080	81,700	16,013	14,224
Utah	715					
Vermont	(D)					
Virginia	1,252	879			(D)	1,208
Washington	20,579	12,511	982,660	1,500,790	44,074	41,143
Wisconsin	2,018	1,724	1,035,130	1,212,223	(D)	(D)
Other States ³	60		927,870		54,614	55,905
United States	404,590	375,305	19,371,595	19,985,548	784,751	737,571

(D) Withheld to avoid disclosing data for individual operations. ¹ Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, bell peppers, Chile peppers, spinach, squash, tomatoes, and watermelons. ² Includes Lima beans, snap beans, carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ³ Other States include Alabama, Arkansas, Florida, Iowa, Idaho, Indiana, Massachusetts, Michigan, North Carolina, Pennsylvania, and South Carolina.
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Table 4-4.—Vegetables, commercial: Value of principal crops, by State and United States, 2015–2017

State	Fresh market ¹		Processing ²		Total Value	
	2015	2016	2015	2016	2016	2017
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama	27,376	-		4,442	4,442	16,659
Arizona	1,040,269	1,303,175		4,275	1,302,570	1,671,053
Arkansas	13,970	(NA)				
California	7,262,285	6,098,876	1,382,592	1,304,306	7,308,008	7,851,709
Colorado	77,462	22,639		240	(D)	(D)
Connecticut	10,450	(NA)				
Delaware	18,451	24,923	27,293	20,153	(D)	(D)
Florida	1,102,153	1,138,376		53,368	1,064,187	1,052,570
Georgia	470,261	439,033	6,673	6,602	434,569	461,898
Idaho	49,803	24,397		10,846	53,998	59,031
Illinois	21,798	20,702	19,587	36,709	86,087	43,077
Indiana	53,844	71,184		30,527	106,178	102,280
Maine	3,825	(NA)				
Maryland	24,036	23,564	11,662	9,174	37,426	(D)
Massachusetts	10,040	(NA)				
Michigan	209,590	173,788		106,034	266,962	274,125
Minnesota		18,496	125,256	81,711	104,166	108,776
Mississippi	3,780	(NA)		35		
Missouri	4,976	12,180	(D)		12,192	8,445
Nevada	45,177	(NA)				
New Hampshire	4,840	(NA)				
New Jersey	156,510	134,211	3,745	8,123	149,699	155,927
New Mexico	147,714	104,735		40,320	145,493	129,043
New York	276,984	201,926	34,841	45,772	249,479	220,666
North Carolina	142,874	160,019		15,927	175,878	166,388
Ohio	135,446	131,144	19,289	23,912	169,403	158,750
Oklahoma	7,290	(NA)				
Oregon	177,341	176,926	57,835	108,491	(D)	(D)
Pennsylvania	81,045	47,822		6,027	53,974	63,899
Rhode Island	(D)	(NA)				
South Carolina	91,541	85,713		1,198	85,213	(D)
Tennessee	76,550	74,527		3,710	79,516	82,326
Texas	162,677	215,984	12,405	17,258	232,898	276,532
Utah	8,385	(NA)				
Vermont	(D)	(NA)				
Virginia	52,668	34,584	(D)	-	(D)	49,607
Washington	435,325	259,992	129,801	197,540	394,600	336,248
Wisconsin	40,818	35,540	157,759	143,377	(D)	(D)
Other States ³	3,880	-	207,998		562,302	548,686
United States	12,451,434	11,084,456	2,196,736	2,280,077	13,079,240	13,837,695

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. ¹Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, bell peppers, Chile peppers, spinach, tomatoes, and watermelons. ²Includes Lima beans, snap beans, carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ³Other States include Alabama, Arkansas, Florida, Iowa, Idaho, Indiana, Massachusetts, Michigan, North Carolina, Pennsylvania, and South Carolina.
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Table 4-5.—Artichokes for fresh market and processing: Area, yield, production, value, and total value, United States, 2008-2017

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2008	8,800	130	1,144	47.80	54,683
2009	8,600	125	1,075	56.20	60,415
2010	7,200	120	864	50.20	43,373
2011	7,400	135	999	51.10	51,049
2012	7,300	145	1,059	54.30	57,504
2013	7,100	135	959	61.00	58,499
2014	7,300	130	949	57.60	54,662
2015	6,800	135	918	87.80	80,600
2016	6,800	145	986	78.80	77,697
2017	7,200	130	936	70.00	65,520

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. For Table 4-5, 2016 and 2017 show utilized production.

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Table 4-6.—Artichokes for fresh market and processing: Area, production, and value per hundredweight, California, 2015-2017

Crop	Area harvested			Utilized Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
California	6,800	6,800	7,200	918	986	936	87.80	78.80	70.00

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Table 4-7.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 2012-2017

Year	Total crop				
	Area for harvest	Yield per acre	Utilized Production	Value ¹	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2012	25,300	30	761	110.00	83,662
2013	24,500	31	762	121.00	92,448
2014	23,800	31	743	99.30	73,782
2015	21,700	29	629	108.00	67,864
2016	23,700	31	745	108.00	80,496
2017	23,300	29	670	109.00	73,127

Year	Fresh market			Processing		
	Production	Value ¹		Production	Value ²	
		Per cwt	Total		Per ton	Total
	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2012	620	117.00	72,592	7,050	1,570.00	11,070
2013	620	131.00	81,332	7,100	1,570.00	11,116
2014	568	106.00	60,432	8,750	1,530.00	13,350
2015	474	116.00	55,086	7,750	1,650.00	12,778
2016	585	115.00	67,080	7,999	1,680.00	13,416
2017	520	118.00	61,374	7,518	1,560.00	11,753

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Table 4-7, 2016 and 2017 shows utilized production.

¹Price and value at point of first sale. ²Price and value at processing plant door.

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Table 4-8.—Asparagus for Fresh Market and Processing: Area planted and harvested, yield, production, price and value - by State and United States, 2015–2017

State	Area planted			Area harvested		
	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
California	9,500	9,400	8,300	9,000	9,000	8,000
Michigan	10,000	10,200	9,800	8,900	9,200	9,000
New Jersey ¹	(NA)	2,000	2,100	(NA)	1,900	2,000
Washington	4,000	4,000	4,500	3,800	3,600	4,300
United States	23,500	25,600	24,700	21,700	23,700	23,300
State	Yield per acre			Production		
	2015	2016	2017	2015	2016	2017
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
California	26.0	24.0	16.0	234.0	216.0	126.7
Michigan	26.0	25.0	27.0	228.0	230.0	243.0
New Jersey ¹	(NA)	40.0	34.0	(NA)	75.8	68.0
Washington	44.0	62.0	54.0	167.0	223.2	232.2
United States	29.0	31.4	28.8	629.0	745.0	669.9
State	Price per cwt			Value of Production		
	2015	2016	2017	2015	2016	2017
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
California	139.00	128.00	129.00	32,526	27,648	16,344
Michigan	86.60	87.70	85.70	19,754	20,165	20,816
New Jersey ¹	(NA)	171.00	183.00	(NA)	12,962	12,421
Washington	93.30	88.40	101.00	15,584	19,721	23,546
United States	108.00	108.00	109.00	67,864	80,496	73,127

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. For Table 4-8, 2016 and 2017 shows utilized production.
 (NA) Not available. ¹ Estimates began in 2016.
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Table 4-9.—Asparagus for Fresh Market and Processing: Production, price and value by utilization - States and United States, 2015–2017

Utilization and State	Utilized Production		
	2015	2016	2017
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Fresh market			
California ¹	234.0	216.0	126.7
Michigan	(D)	(D)	114.7
New Jersey ²	(NA)	75.8	(D)
Washington	(D)	(D)	(D)
Other States ³	240.0	293.2	278.1
United States	474.0	585.0	519.5
	<i>tons</i>	<i>tons</i>	<i>tons</i>
Processing			
California ¹	(NA)	-	-
Michigan	(D)	(D)	6,415
New Jersey ²	(NA)	-	(D)
Washington	(D)	(D)	(D)
Other States ³	7,750	7,999	1,103
United States	7,750	7,999	7,518
Canning	2,300	(NA)	(NA)
Freezing	5,450	(NA)	(NA)
Utilization and State	Price per unit		
	2015	2016	2017
	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Fresh market			
California ¹	139.00	128.00	129.00
Michigan	(D)	(D)	92.00
New Jersey ²	(NA)	171.00	(D)
Washington	(D)	(D)	(D)
Other States ³	94.00	90.30	124.00
United States	116.00	115.00	118.00
	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Processing			
California ¹	(NA)	(X)	(X)
Michigan	(D)	(D)	1,600.00
New Jersey ²	(NA)	(X)	(D)
Washington	(D)	(D)	(D)
Other States ³	1,650.00	1,680.00	1,350.00
United States	1,650.00	1,680.00	1,560.00
Canning ⁴	1,620.00	(NA)	(NA)
Freezing ⁴	1,660.00	(NA)	(NA)
Utilization and State	Value of production		
	2015	2016	2017
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fresh market			
California ¹	32,526	27,648	16,344
Michigan	(D)	(D)	10,552
New Jersey ²	(NA)	12,962	(D)
Washington	(D)	(D)	(D)
Other States ³	22,560	26,470	34,478
United States	55,086	67,080	61,374
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Processing			
California ¹	(NA)	-	-
Michigan	(D)	(D)	10,264
New Jersey ²	(NA)	-	(D)
Washington	(D)	(D)	(D)
Other States ³	12,778	13,416	1,489
United States	12,778	13,416	11,753
Canning ⁴	3,726	(NA)	(NA)
Freezing ⁴	9,052	(NA)	(NA)

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production.

- Represents zero. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ Fresh market includes a small amount of processing asparagus for 2015. ² Estimates began in 2016. ³ Includes data withheld above. ⁴ Estimates discontinued in 2016.

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Table 4-10.—Lima beans for fresh market: Area, yield, production, value per ton, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	30,960	1.42	45,780	525.00	23,700
2012	32,900	1.85	61,015	524.00	31,950
2013	28,930	1.68	48,620	582.00	28,312
2014	27,760	1.82	50,400	580.00	29,236
2015	29,200	1.72	50,255	596.00	29,950
2016	25,300	(NA)	37,350	516.00	19,279
2017	25,400	(NA)	35,781	564.00	20,171

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production.

(NA) Not available. ¹ Price and value at processing plant door.

NASS, Crops Branch, (202) 720-2127.

Table 4-11.—Snap beans for fresh market and Processing: Area, yield, production, price, and value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	83,500	55	4,591	59.50	273,201
2012	76,700	57	4,340	62.70	271,922
2013	73,100	58	4,252	68.90	293,073
2014	68,600	54	3,720	60.20	224,052
2015	71,170	56	3,952	59.40	234,934
2016	(NA)	(NA)	4,115	60.20	247,865
2017	(NA)	(NA)	3,620	55.60	201,346

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. 2016 and 2017 data shows fresh market production, price, and value.

(NA) Not available. ¹ Price and value at point of first sale.

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Table 4-12.—Snap beans for fresh market: Area, production, and value per hundredweight, by State and United States, 2015-2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
California	4,400	(NA)	(NA)	528	(D)	(D)	67.00	(D)	(D)
Florida	27,500	(NA)	(NA)	1,238	1,345	1,238	61.60	55.00	55.60
Georgia	10,300	(NA)	(NA)	515	585	(D)	38.50	44.70	(D)
Illinois	(NA)	(NA)	(NA)	144	144	6	(NA)	96.60	65.60
Indiana	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(D)	(D)
Maryland	870	(NA)	(NA)	47	(D)	(D)	41.00	(D)	(D)
Michigan	2,900	(NA)	(NA)	212	256	203	54.20	59.50	50.00
Minnesota	(NA)	(NA)	(NA)	(NA)	(D)	7	(NA)	(D)	73.10
New Jersey	2,400	(NA)	(NA)	77	68	(D)	59.80	43.50	(D)
New York	10,700	(NA)	(NA)	696	436	(D)	84.00	84.20	(D)
North Carolina	2,800	(NA)	(NA)	115	(D)	(D)	31.00	(D)	(D)
Oregon	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(D)	(D)
Pennsylvania	(NA)	(NA)	(NA)	(NA)	141	(D)	(NA)	24.70	(D)
South Carolina	400	(NA)	(NA)	11	(NA)	(NA)	75.00	(NA)	(NA)
Tennessee	7,000	(NA)	(NA)	448	(D)	(D)	41.00	(D)	(D)
Texas	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(D)	(D)
Virginia	1,900	(NA)	(NA)	65	(NA)	(NA)	65.00	(NA)	(NA)
Washington	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(D)	(D)
Wisconsin	(NA)	(NA)	(NA)	(NA)	7	105	(NA)	35.30	43.80
Other States	(NA)	(NA)	(NA)	(NA)	1,131	2,060	(X)	66.40	56.70
United States	71,170	(NA)	(NA)	3,952	4,115	3,620	59.40	60.20	55.60

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. 2016 and 2017 data show fresh market production and price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available.

NASS, Crops Branch, (202) 720-2127.

Table 4-13.—Snap beans for processing, commercial crop: Area, yield, production, value per ton, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	158,550	4.20	665,870	235.00	156,563
2012	166,355	4.39	730,680	271.00	197,811
2013	149,770	4.45	666,780	320.00	213,250
2014	159,070	4.28	681,240	250.00	170,066
2015	158,920	4.81	764,900	233.00	178,578
2016	(NA)	(NA)	792,521	191.00	151,550
2017	(NA)	(NA)	718,330	190.00	136,431

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production.

(NA) Not available. ¹ Price and value at processing plant door.
NASS, Crops Branch, (202) 720-2127.

Table 4-14.—Snap beans for processing: Area, production, and value per ton, by State and United States, 2015-2017

State	Area harvested			Utilized Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Florida	(NA)	(NA)	(NA)	(D)	7,808	6,446	(D)	325.00	305.00
Georgia	(NA)	(NA)	(NA)	(D)	7,591	(D)	(D)	300.00	(D)
Illinois	(D)	(NA)	(NA)	(D)	57,365	29,700	(D)	130.00	113.00
Indiana	3,600	(NA)	(NA)	13,620	(D)	(D)	230.00	(D)	(D)
Michigan	16,000	(NA)	(NA)	71,200	70,911	78,765	230.00	240.00	200.00
Minnesota	(D)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	110.00
New Jersey	(NA)	(NA)	(NA)	(D)	999	(D)	(NA)	304.00	(D)
New York	(D)	(NA)	(NA)	(D)	77,259	(D)	(D)	200.00	(D)
Oregon	(D)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania	5,300	(NA)	(NA)	23,330	19,717	(D)	317.00	283.00	(D)
Wisconsin	65,300	(NA)	(NA)	329,530	365,934	322,875	202.00	124.00	110.00
Other States ¹	68,720	(X)	(X)	327,220	184,937	254,412	260.00	300.00	303.00
United States	158,920	(NA)	(NA)	764,900	792,521	718,330	233.00	191.00	190.00

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ 2015 includes data withheld above and/or data for States not listed in this table. 2016 and 2017 includes data withheld above.

NASS, Crops Branch, (202) 720-2127.

Table 4-15.—Broccoli, fresh market and processing: Area, yield, production, value per hundredweight and per ton, and total value, United States, 2011-2017¹

Year	Total crop					
	Area harvested	Yield per acre	Production	Value ²		
				Per cwt	Total	
<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>		
2011	123,200	147	18,149	35.20	639,120	
2012	126,400	162	20,472	33.60	687,727	
2013	131,500	162	21,360	42.80	913,520	
2014	126,400	163	20,600	40.00	824,961	
2015	124,400	176	21,888	48.40	1,058,770	
2016	131,300	171	22,466	37.70	846,595	
2017	129,400	158	20,392	45.40	926,165	

Year	Fresh market				Processing		
	Utilized Production	Value ²		Utilized Production	Value ³		
		Per cwt	Total		Per ton	Total	
<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		
2011	17,756	35.40	628,792	19,673	525.00	10,328	
2012	20,076	33.80	678,619	19,800	460.00	9,108	
2013	20,664	43.20	893,336	34,800	580.00	20,184	
2014	19,910	40.70	809,608	34,500	445.00	15,353	
2015	21,104	49.10	1,035,211	39,200	601.00	23,559	
2016	21,548	38.20	824,103	45,903	490.00	22,492	
2017	19,916	46.00	916,931	23,800	388.00	9,234	

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between Total production and total utilized production.

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. ² Price and value at point of first sale. ³ Price and value at processing plant door.
 NASS, Crops Branch, (202) 720-2127.

Table 4-16.—Broccoli: Area, production, and value, by State and United States, 2015-2017¹

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Arizona	8,400	9,300	10,400	1,008	1,116	1,352	52.10	64.70	56.20
California	116,000	122,000	119,000	20,880	21,350	19,040	48.20	36.30	44.70
United States ...	124,400	131,300	129,400	21,888	22,466	20,392	48.40	37.70	45.40

State	Fresh market						Processing					
	Utilized Production			Value per unit			Utilized Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Arizona	1,008	1,116	1,352	52.10	64.70	56.20	-	-	-	(X)	(X)	(X)
California	20,096	20,432	18,564	48.90	36.80	45.30	39,200	45,903	23,800	601.00	490.00	388.00
United States ...	21,104	21,548	19,916	49.10	38.20	46.00	39,200	45,903	23,800	601.00	490.00	388.00

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.
 NASS, Crops Branch, (202) 720-2127.

Table 4-17.—Cabbage for fresh market: Area, yield, production, and value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	58,760	343	20,134	17.60	347,381
2012	56,800	348	19,752	18.50	359,094
2013	59,480	366	21,750	20.10	429,419
2014	59,650	354	21,141	19.70	416,303
2015	55,920	361	20,178	19.30	389,340
2016	(NA)	(NA)	18,854	21.60	408,060
2017	(NA)	(NA)	19,065	20.10	383,409

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production.

(NA) Not available.

NASS, Crops Branch, (202) 720-2127.

Table 4-18.—Cabbage for fresh market: Area, production, and value per hundredweight, by State and United States, 2015-2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015 ¹	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Arizona	2,600	(NA)	(NA)	884	1,615	(D)	23.00	31.70	(D)
California	13,800	(NA)	(NA)	5,865	5,760	(D)	27.10	27.60	(D)
Colorado	1,500	(NA)	(NA)	653	(NA)	(NA)	16.90	(NA)	(NA)
Florida	8,200	(NA)	(NA)	2,706	2,686	2,708	12.50	18.40	15.50
Georgia	3,700	(NA)	(NA)	1,258	(D)	(D)	10.50	(D)	(D)
Michigan	3,300	(NA)	(NA)	957	(D)	(D)	17.00	(D)	(D)
New Jersey	1,600	(NA)	(NA)	624	(NA)	(NA)	18.40	(NA)	(NA)
New York	8,100	(NA)	(NA)	3,240	(D)	3,041	18.40	(D)	15.00
North Carolina	2,400	(NA)	(NA)	528	710	700	13.00	18.40	15.10
Ohio	1,100	(NA)	(NA)	407	(NA)	(NA)	10.00	(NA)	(NA)
Pennsylvania	830	(NA)	(NA)	208	(NA)	(NA)	21.30	(NA)	(NA)
Texas	5,500	(NA)	(NA)	1,815	1,995	1,830	17.00	18.00	17.80
Virginia	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
Wisconsin	(D)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)
Other States	3,290	(X)	(X)	1,033	6,087	10,785	17.80	16.30	23.40
United States	55,920	(NA)	(NA)	20,178	18,854	19,065	19.30	21.60	20.10

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. Data for 2016 and 2017 show fresh market production and price only.

(D) Not published to avoid disclosure of individual operations. (NA) Not available. ¹ Includes some quantities of fall storage in New York harvested but not sold because of shrinkage and loss.

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Table 4-19.—Cantaloupes for fresh market: Area, yield, production, value, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Utilized Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	70,400	266	18,692	18.40	344,832
2012	63,430	263	16,706	19.10	319,348
2013	68,600	265	18,173	17.60	320,029
2014	58,200	234	13,612	22.10	300,634
2015	52,100	260	13,552	19.50	264,131
2016	(NA)	(NA)	14,973	17.20	257,517
2017	(NA)	(NA)	13,819	19.30	267,305

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Data for 2016 and 2017 show fresh market production, price, and value only.

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Table 4-20.—Cantaloupes for fresh market: Area, production, and value per hundredweight, by State and United States, 2014-2016

State	Area harvested			Utilized Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Arizona	14,500	(NA)	(NA)	3,553	3,736	3,532	22.90	16.90	23.90
California	28,000	(NA)	(NA)	8,400	8,850	8,167	17.40	16.10	16.50
Colorado	500	(NA)	(NA)	123	(NA)	(NA)	31.00	(NA)	(NA)
Florida	(NA)	(NA)	(NA)	(NA)	621	572	(NA)	19.10	18.00
Georgia	2,800	(NA)	(NA)	504	578	363	17.30	19.10	24.60
Indiana	1,700	(NA)	(NA)	272	314	340	28.00	23.00	24.00
Maryland	500	(NA)	(NA)	60	(NA)	(NA)	28.00	(NA)	(NA)
North Carolina	(NA)	(NA)	(NA)	(NA)	206	225	(NA)	32.00	26.00
Pennsylvania	1,200	(NA)	(NA)	154	135	135	31.20	27.00	32.90
South Carolina	1,100	(NA)	(NA)	270	344	341	11.50	21.40	20.50
Texas	1,800	(NA)	(NA)	216	187	143	31.80	22.00	24.00
United States	52,100	(NA)	(NA)	13,552	14,973	13,819	19.50	17.20	19.30

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Data for 2016 and 2017 show fresh market production and price only.

- Represents zero. (NA) Not available.

NASS, Crops Branch, (202) 720-2127.

Table 4-21.—Carrots for fresh market: Area, production, and value, by State and United States, 2015-2017

State	Area harvested			Utilized Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
California	66,000	(NA)	(NA)	20,988	(D)	(D)	31.50	(D)	(D)
Michigan	1,500	(NA)	(NA)	360	(D)	(D)	20.00	(D)	(D)
Texas	(D)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin ¹	(NA)	(NA)	(NA)	(NA)	13	2.5	(NA)	110.00	111.00
Other States ²	7,050	(X)	(X)	4,392	22,187	20,808	26.40	32.10	30.10
United States	74,550	(NA)	(NA)	25,740	22,200	20,810	30.50	32.20	30.10

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Data for 2016 and 2017 show fresh market production and price only.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ Estimates began in 2016. ² In 2015, includes data withheld above and/or for States not listed in this table. In 2016 and 2017, includes data withheld above.

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Table 4-22.—Carrots for processing, commercial crop: Area, production, and value per ton, by State and United States, 2015-2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>
Washington	(D)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin	3,800	(NA)	(NA)	97,730	111,825	125,622	98.80	81.40	68.00
Other States ¹	7,220	(NA)	(X)	196,270	353,307	349,573	135.00	173.00	158.00
United States	11,020	(NA)	(NA)	294,000	465,132	475,195	123.00	151.00	134.00

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Data for 2016 and 2017 show processing production and price only. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. ¹ Includes data withheld above and/or data for States not listed in this table.

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Table 4-23.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by State and United States, 2015-2017¹

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Arizona	4,500	4,500	5,200	700	787	54.90	77.30	79.40	81.70
California	32,300	35,500	37,000	5,814	6,390	49.20	59.40	52.50	41.20
New York	410	(NA)	(NA)	45	(NA)	43.00	50.10	(NA)	(NA)
United States	37,210	40,000	42,200	6,559	7,177	49.80	61.30	55.50	46.10
Fresh market									
State	Production			Value per unit					
	2015	2016	2017	2015	2016	2017			
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>			
Arizona	700	(D)	1,014	77.30	(D)	81.70			
California	5,766	(D)	7,045	59.70	(D)	42.00			
New York	45	(NA)	(NA)	50.10	(NA)	(NA)			
Other States ²	-	7,005	-	(X)	55.60	(X)			
United States	6,511	7,005	8,059	61.50	55.60	47.00			
Processing									
State	Production			Value per unit					
	2015	2016	2017	2015	2016	2017			
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>			
California	2,400	(D)	16,650	480.00	(D)	494.00			
Other States ²	-	8,622	(NA)	(X)	990.00	(X)			
United States	2,400	8,622	16,650	480.00	990.00	494.00			

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ Includes heading (cauliflower) broccoli. ² Includes data withheld above and/or data for States not listed in this table.

NASS, Crops Branch, (202) 720-2127.

Table 4-24.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 2008-2017 ¹

Year	Total crop					Fresh market			Processing		
	Area for harvest	Yield per acre	Production	Value ²		Production	Value ²		Production	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt	1,000 cwt	Dollars	1,000 dollars	1,000 cwt	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
2008 ...	36,700	181	6,648	40.40	268,531	6,485	40.70	263,912	8,160	566.00	4,619
2009 ...	38,600	186	7,167	44.00	315,551	7,000	44.30	310,290	8,350	630.00	5,261
2010 ...	38,460	184	7,087	41.70	295,186	6,972	41.80	291,647	5,755	615.00	3,539
2011 ...	36,430	183	6,649	46.00	305,539	6,399	46.80	299,164	12,500	510.00	6,375
2012 ...	36,070	185	6,690	35.80	239,203	6,542	35.90	235,059	7,400	560.00	4,144
2013 ...	36,830	181	6,662	44.30	295,450	6,572	44.50	292,615	4,500	630.00	2,835
2014 ...	35,070	181	6,361	49.80	316,937	6,286	50.10	314,649	3,750	610.00	2,288
2015 ...	37,210	176	6,559	61.30	401,747	6,511	61.50	400,595	2,400	480.00	1,152
2016 ...	40,000	180	7,177	55.50	398,094	7,005	55.60	389,561	8,622	990.00	8,533
2017 ...	42,000	200	8,392	46.10	386,951	8,059	47.00	378,726	16,650	494.00	8,225

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production.

¹Includes heading (cauliflower) broccoli. ²Price and value at point of first sale. ³Price and value at processing plant door.

NASS, Crops Branch, (202) 720-2127.

Table 4-25.—Celery, commercial crop: Area, production, and value per hundredweight, by State and United States, 2015-2017 ¹

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	Acres	Acres	Acres	1,000 cwt	1,000 cwt	1,000 cwt	Dollars per cwt	Dollars per cwt	Dollars per cwt
California	26,100	28,400	23,500	(NA)	16,472	14,687	25.10	18.30	20.60
Michigan	1,600	1,500	1,600	(NA)	900	944	20.30	14.00	13.40
United States	27,700	29,900	25,100	(NA)	17,372	15,631	24.80	18.10	20.20

¹ Mostly for fresh market use, but includes some quantities used for processing. NASS, Crops Branch, (202) 720-2127.

Table 4-26.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 2011-2017 ¹

Year	Area for harvest	Yield per acre	Production	Value ²	
				Per cwt	Total
	Acres	Cwt	1,000 cwt	Dollars	1,000 dollars
2011	28,200	687	19,362	19.70	381,780
2012	29,000	681	19,752	18.20	358,988
2013	28,800	625	18,003	25.40	457,765
2014	28,900	636	18,393	17.10	314,134
2015	27,700	618	17,110	24.80	424,664
2016	29,900	581	17,372	18.10	314,786
2017	25,100	623	15,587	20.20	314,742

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production.

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Price and value at point of first sale. NASS, Crops Branch, (202) 720-2127.

Table 4-27.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by State and United States, 2015–2017

Utilization and State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
Fresh market:	Acres			1,000 cwt			Dollars per cwt		
Alabama	1,000	(NA)	(NA)	55	(NA)	(NA)	26.50	(NA)	(NA)
California	29,900	(NA)	(NA)	5,681	5,933	6,916	28.00	27.60	30.80
Colorado	3,400	(NA)	(NA)	612	(NA)	(NA)	15.20	(NA)	(NA)
Connecticut	3,600	(NA)	(NA)	209	(NA)	(NA)	50.00	(NA)	(NA)
Delaware	3,600	(NA)	(NA)	389	(D)	423.4	22.00	(D)	31.00
Florida	36,900	(NA)	(NA)	5,166	5,002	5,460	30.00	32.00	29.00
Georgia	25,700	(NA)	(NA)	3,598	3,900	3,935	21.40	22.50	25.00
Illinois	6,100	(NA)	(NA)	580	296	210	16.80	34.50	25.90
Indiana	5,100	(NA)	(NA)	281	417	486	43.00	31.00	26.00
Maine	1,400	(NA)	(NA)	85	(NA)	(NA)	45.00	(NA)	(NA)
Maryland	3,600	(NA)	(NA)	216	(D)	353.2	28.00	(D)	26.00
Massachusetts ..	3,300	(NA)	(NA)	251	(NA)	(NA)	40.00	(NA)	(NA)
Michigan	(NA)	(NA)	(NA)	(NA)	855	910	(NA)	25.50	23.00
Minnesota	9,000	(NA)	(NA)	927	351	668	26.00	34.00	33.50
New Hampshire ..	1,300	(NA)	(NA)	88	(NA)	(NA)	55.00	(NA)	(NA)
New Jersey	5,800	(NA)	(NA)	522	478	501	32.20	32.50	35.00
New York	16,700	(NA)	(NA)	1,403	(D)	795.2	22.40	(D)	28.70
North Carolina ..	4,600	(NA)	(NA)	391	(NA)	(NA)	31.00	(NA)	(NA)
Ohio	14,500	(NA)	(NA)	1,088	1,148	1,183	28.00	32.80	26.00
Oregon	6,900	(NA)	(NA)	1,242	(D)	442.7	23.00	(D)	29.50
Pennsylvania	9,300	(NA)	(NA)	623	(D)	(D)	38.50	(D)	(D)
Rhode Island	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
Texas	4,200	(NA)	(NA)	332	(NA)	(NA)	21.50	(NA)	(NA)
Vermont	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
Virginia	2,900	(NA)	(NA)	235	(NA)	(NA)	31.00	(NA)	(NA)
Washington	25,300	(NA)	(NA)	3,441	523	958	35.00	24.40	35.50
Wisconsin	3,700	(NA)	(NA)	477	574	402	29.30	27.80	30.80
Other States	1,290	(X)	(X)	60	3,866	977	64.70	29.00	33.60
United States	229,090	(NA)	(NA)	27,952	23,346	24,626	28.20	28.40	29.10
Processing:	Acres			Tons			Dollars per ton		
Illinois	(D)	(NA)	(NA)	(D)	91,031	85,307	(D)	74.00	74.20
Minnesota	103,200	(NA)	(NA)	761,320	780,444	889,934	96.20	79.00	64.00
New Jersey	(D)	(NA)	(NA)	(D)	3,578	4,811	(D)	118.00	101.00
New York	(D)	(NA)	(NA)	(D)	(D)	125,622	(D)	(D)	73.00
Oregon	21,200	(NA)	(NA)	198,610	(D)	199,215	140.00	(D)	112.00
Pennsylvania	(D)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)
Washington	78,800	(NA)	(NA)	722,240	908,820	871,196	106.00	100.00	90.00
Wisconsin	60,700	(NA)	(NA)	490,230	483,847	458,977	87.90	68.20	70.00
Other States ¹ ...	43,600	(X)	(X)	315,710	342,946	139	111.00	108.00	151.00
United States	307,500	(NA)	(NA)	2,488,110	2,610,666	2,716,125	103.00	88.00	79.00

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. Data for 2016 and 2017 show fresh market production and fresh market price and processing production and processing price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ Includes data withheld above and/or data for States not listed in this table.

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Table 4-28.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 2011-2017

Year	Fresh market					Processing				
	Area harvested	Yield per acre	Production	Value ¹		Area harvested	Yield per acre	Production	Value ²	
				Per cwt	Total				Per ton	Total
	Acres	Cwt	1,000 cwt	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
2011 ...	224,050	118	26,336	26.70	702,217	331,650	8.04	2,664,820	116.00	309,622
2012 ...	217,350	128	27,910	26.30	735,104	360,480	8.21	2,959,350	127.00	376,694
2013 ...	228,380	125	28,561	28.20	806,488	314,950	8.10	2,551,830	140.00	357,804
2014 ...	211,050	117	24,649	28.70	708,332	312,280	8.22	2,567,820	113.00	289,573
2015 ...	229,090	122	27,952	28.20	787,581	307,500	8.09	2,488,110	103.00	255,480
2016 ...	(NA)	(NA)	23,347	28.40	662,488	(NA)	(NA)	2,610,666	88.00	229,813
2017 ...	(NA)	(NA)	24,627	29.10	717,042	(NA)	(NA)	2,716,125	79.00	214,589

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Data for 2016 and 2017 show fresh market production, fresh market price, fresh market value, processing production, processing price, and processing value.

(NA) Not available. ¹ Price and value at point of first sale. ² Price and value at processing plant door. NASS, Crops Branch, (202) 720-2127.

Table 4-29.—Cucumbers for fresh market: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>			<i>1,000 cwt</i>			<i>Dollars per cwt</i>		
California	3,500	(NA)	(NA)	718	(D)	(D)	27.90	(D)	(D)
Florida	10,600	(NA)	(NA)	1,696	2,023	1,391	28.20	33.00	29.20
Georgia	6,900	(NA)	(NA)	1,725	1,797	(D)	23.90	21.80	(D)
Maryland	460	(NA)	(NA)	31	(NA)	(NA)	23.00	(NA)	(NA)
Michigan	3,700	(NA)	(NA)	592	1,292	871	22.80	21.30	27.40
New Jersey	3,200	(NA)	(NA)	688	450	(D)	23.90	26.20	(D)
New York	1,900	(NA)	(NA)	304	(NA)	(NA)	56.90	(NA)	(NA)
North Carolina	4,800	(NA)	(NA)	696	(D)	445	18.00	(D)	22.00
Ohio	(NA)	(NA)	(NA)	127	(D)	206	(NA)	(D)	32.10
South Carolina	1,100	(NA)	(NA)	127	340	(D)	21.80	23.80	(D)
Texas	1,500	(NA)	(NA)	116	149	136	18.50	22.30	25.00
Virginia	320	(NA)	(NA)	32	(NA)	(NA)	40.00	(NA)	(NA)
Wisconsin	(NA)	(NA)	(NA)	(NA)	15	(D)	(NA)	51.00	(D)
Other States	(NA)	(NA)	(NA)	(NA)	1,523	2,268	(X)	25.60	31.90
United States	37,980	(NA)	(NA)	6,725	7,592	5,319	26.10	25.90	29.50

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. Data for 2016 and 2017 show fresh market production and fresh market price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable.

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Table 4-30.—Cucumbers for fresh market, commercial crop: Area, yield, production, value, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	39,000	184	7,194	26.70	191,814
2012	38,300	214	8,182	25.00	204,464
2013	38,360	198	7,603	26.80	203,894
2014	37,570	184	6,895	24.40	168,038
2015	37,980	177	6,725	26.10	175,762
2016	(NA)	(NA)	7,593	25.90	196,519
2017	(NA)	(NA)	5,319	29.50	156,676

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. Data for 2016 and 2017 show fresh market production, fresh market price, and fresh market value.

(NA) Not available.

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Table 4-31.—Cucumbers for processing, commercial crop: Area, production, and value per ton, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>			<i>Tons</i>			<i>Dollars per ton</i>		
Florida	18,010	(NA)	(NA)	148,040	94,135	195,921	435.00	546.00	495.00
Georgia	(NA)	(NA)	(NA)	(D)	6,455	(D)	(D)	423.00	(D)
Michigan	29,000	(NA)	(NA)	171,100	208,070	237,656	220.00	200.00	235.00
New Jersey	(NA)	(NA)	(NA)	(D)	4,584	(D)	(D)	400.00	(D)
North Carolina	(D)	(NA)	(NA)	(D)	(D)	60,984	(D)	(D)	310.00
Ohio	5,000	(NA)	(NA)	27,000	(D)	37,016	260.00	(D)	235.00
South Carolina	(D)	(NA)	(NA)	(D)	2,980	(D)	(D)	406.00	(D)
Texas	3,950	(NA)	(NA)	21,800	29,820	27,200	320.00	340.00	350.00
Wisconsin	5,400	(NA)	(NA)	32,890	33,619	(D)	290.00	220.00	(D)
Other States ¹	23,750	(X)	(X)	132,630	140,857	169,605	355.00	334.00	378.00
United States	85,110	(NA)	(NA)	533,460	520,520	728,382	324.00	314.00	349.00

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. Data for 2016 and 2017 show processing production and processing price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ Includes data withheld above and/or data for States not listed in this table.

NASS, Crops Branch, (202) 720-2127.

Table 4-32.—Cucumbers (for pickles), commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 2011-2017

Year	Processing					Pickle stocks on hand Dec. 1 ^{2 3}
	Area harvested	Yield per acre	Production	Value ¹		
				Per ton	Total	
	Acres	Tons	Tons	Dollars	1,000 dollars	Tons
2011 ...	82,630	5.83	482,030	360.00	173,425	259,515
2012 ...	84,560	5.68	480,060	342.00	164,151	275,003
2013 ...	82,100	5.76	473,140	313.00	148,101	212,820
2014 ...	84,430	6.36	536,910	378.00	202,705	87,815
2015 ...	85,110	6.27	533,460	324.00	172,715	56,230
2016 ...	(NA)	(NA)	520,520	314.00	163,426	(NA)
2017 ...	(NA)	(NA)	728,382	349.00	254,071	(NA)

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Data for 2016 and 2017 show processing production, processing price, and processing value. Pickle stocks were discontinued in 2016.

(NA) Not available. ¹ Price and value at processing plant door. ² Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Dec. 1. ³ Includes stocks of fresh-pack pickles.

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Table 4-33.—Garlic for fresh market and processing, commercial crop: Area, yield, production, value, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	Acres	Cwt	1,000 cwt	Dollars	1,000 dollars
2011	25,150	167	4,204	68.20	286,820
2012	25,950	166	4,319	52.60	227,090
2013	23,900	162	3,867	60.00	231,977
2014	23,800	163	3,868	68.80	266,265
2015	25,200	162	4,089	78.50	321,006
2016	30,100	150	4,515	74.00	333,905
2017	33,000	155	5,115	76.30	390,021

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. Data for 2016 and 2017 show utilized production.

NASS, Crops Branch, (202) 720-2127.

Table 4-34.—Garlic for fresh market and processing: Area, production, and value per hundredweight, by State and United States, 2015-2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	Acres	Acres	Acres	1,000 cwt	1,000 cwt	1,000 cwt	Dollars per cwt	Dollars per cwt	Dollars per cwt
California	24,100	30,100	33,000	3,977	4,515	5,115	76.70	74.00	76.30
Nevada ¹	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
Oregon ¹	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
Other States ²	1,100	-	-	112	-	-	141.00	(X)	(X)
United States	25,200	30,100	33,000	4,089	4,515	5,115	78.50	74.00	76.30

- Represents zero. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ Estimates discontinued in 2016. ² Includes data withheld above.

NASS, Crops Branch, (202) 720-2127.

Table 4-35.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 2012–2017

Year	Area harvested	Yield per acre	Production	Value Per cwt ¹	Total Value
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2012	13,600	242	3,286	20.70	67,973
2013	14,450	249	3,605	20.90	75,389
2014	14,450	259	3,739	23.70	88,649
2015	14,400	262	3,769	(NA)	(NA)
2016	(NA)	(NA)	3,932	19.10	75,111
2017	(NA)	(NA)	3,364	28.00	94,192

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. Data for 2016 and 2017 show fresh market production, fresh market price, and fresh market value.

(NA) Not available. ¹Price and value at point of first sale.
NASS, Crops Branch, (202) 720–2127.

Table 4-36.—Honeydew melons, fresh market: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>			<i>1,000 cwt</i>			<i>Dollars per cwt</i>		
Arizona ¹	2,300	(NA)	(NA)	564	(NA)	(NA)	24.10	(NA)	(NA)
California	11,500	(NA)	(NA)	3,105	3,932	3,364	22.20	19.10	28.00
Texas ¹	600	(NA)	(NA)	100	(NA)	(NA)	28.20	(NA)	(NA)
United States	14,400	(NA)	(NA)	3,769	3,932	3,364	22.60	19.10	28.00

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. Data for 2016 and 2017 show fresh market production and fresh market price.

(NA) Not available. ¹ Estimates discontinued in 2016.
NASS, Crops Branch, (202) 720–2127.

Table 4-37.—Head lettuce, fresh market: Area, production, and value per hundredweight, by State and United States, 2014–2016

State	Area harvested			Production			Value per unit		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
	<i>Acres</i>			<i>1,000 cwt</i>			<i>Dollars per cwt</i>		
Arizona	32,500	36,800	39,200	10,238	12,696	12,348	24.80	38.50	45.90
California	86,500	84,500	83,500	32,870	32,955	30,477	30.40	23.00	32.60
United States	119,000	121,300	122,700	43,108	45,651	42,825	29.10	27.30	36.40

NASS, Crops Branch, (202) 720–2127.

Table 4-38.—Head lettuce, fresh market: Area, yield, production, value per hundredweight, and total value, United States, 2012–2017

Year	Area harvested	Yield per acre	Production	Value Per cwt ¹	Total Value
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2012	141,600	360	50,976	17.70	901,238
2013	129,000	350	45,150	26.70	1,203,930
2014	125,500	366	45,918	24.40	1,119,736
2015	119,000	362	43,108	29.10	1,253,150
2016	121,300	376	45,651	27.30	1,246,761
2017	122,700	349	42,825	36.40	1,560,340

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production.

¹ Price and value at point of first sale.
NASS, Crops Branch, (202) 720–2127.

Table 4-39.—Leaf lettuce for fresh market, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 2011–2017

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	47,400	252	11,939	34.60	413,484
2012	52,500	244	12,825	35.30	452,858
2013	55,000	230	12,650	38.30	484,036
2014	54,100	240	12,984	37.90	491,602
2015	55,100	258	14,233	59.70	850,238
2016	59,300	224	13,286	46.70	620,620
2017	54,100	203	11,012	61.10	673,015

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production.

¹ Price and value at point of first sale.
NASS, Crops Branch, (202) 720-2127.

Table 4-40.—Leaf lettuce for fresh market: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>			<i>1,000 cwt</i>			<i>Dollars per cwt</i>		
Arizona	9,300	9,600	9,600	2,325	2,352	2,112	63.00	64.90	65.40
California	45,800	49,700	44,500	11,908	10,934	8,900	59.10	42.80	60.10
United States	55,100	59,300	54,100	14,233	13,286	11,012	59.70	46.70	61.10

NASS, Crops Branch, (202) 720-2127.

Table 4-41.—Romaine lettuce for fresh market, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 2011–2017

Year	Area harvested	Yield per acre	Production	Value Per cwt ¹	Total Value
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	81,900	344	28,142	31.50	886,342
2012	88,900	318	28,256	22.40	633,489
2013	91,100	292	26,620	33.10	880,373
2014	85,400	289	24,679	31.00	763,887
2015	87,000	303	26,335	39.70	1,046,571
2016	93,200	323	30,086	30.50	918,178
2017	99,700	308	30,750	45.50	1,399,032

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production.

¹ Price and value at point of first sale.
NASS, Crops Branch, (202) 720-2127.

Table 4-42.—Romaine lettuce for fresh market: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>			<i>1,000 cwt</i>			<i>Dollars per cwt</i>		
Arizona	23,500	26,200	28,000	7,285	8,646	9,240	45.60	32.30	55.50
California	63,500	67,000	71,700	19,050	21,440	21,510	37.50	29.80	41.20
United States	87,000	93,200	99,700	26,335	30,086	30,750	39.70	30.50	45.50

NASS, Crops Branch, (202) 720-2127.

Table 4-43.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, and total value, United States, 2011–2017¹

Year	Area harvested	Yield per acre	Production ²	Shrinkage and loss	Value Per cwt ³	Total Value
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	147,630	502	74,097	5,882	10.90	742,236
2012	146,870	487	71,495	4,923	14.20	942,340
2013	143,340	486	69,654	4,858	15.00	969,183
2014	139,850	499	69,815	4,147	13.60	892,325
2015	133,600	503	67,184	4,722	15.50	1,039,325
2016	135,700	541	68,300	5,091	14.00	954,253
2017	138,000	532	71,871	1,589	13.50	971,236

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Includes storage crop onions harvested but not sold because of shrinkage and loss. ³ Price and value at point of first sale. NASS, Crops Branch, (202) 720-2127.

Table 4-44.—Onions for fresh market: Area harvested, production, shrinkage and loss, and value per hundredweight, by State and United States, 2016–2017

Season and State	Area harvested		Production		Shrinkage and loss		Value per unit	
	2016	2017	2016	2017	2016	2017	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Spring¹:								
California	6,800	6,700	2,992	3,015	.....	.....	12.30	17.70
Georgia	11,000	11,200	2,585	2,688	.....	.....	41.90	45.30
Texas	9,000	4,000	2,340	800	.....	.....	24.00	24.60
United States	26,800	21,900	7,917	6,503	.....	.....	25.40	30.00
Summer non-storage¹:								
California	7,800	7,500	3,744	3,750	.....	.....	7.00	7.00
Nevada (D)	(D)	(D)	(D)	(D)	.....	.....	(D)	(D)
New Mexico	5,100	5,100	3,060	3,808	.....	.....	18.70	28.00
Texas (D)	(D)	(D)	(D)	(D)	.....	.....	(D)	(D)
Washington ²	2,000	2,000	800	760	.....	.....	34.60	45.80
Other States ³	4,250	3,900	1,622	1,393	.....	.....	34.10	33.40
United States	19,150	19,000	9,226	9,711	.....	.....	18.00	22.10
Summer storage:								
California ⁴	30,000	30,000	13,129	12,000	250	250	13.30	14.70
Colorado	3,600	3,400	1,800	1,632	198	114	19.00	20.30
Idaho	6,900	8,000	5,658	5,760	410	829	8.40	10.10
Michigan	2,500	2,400	925	792	65	79	12.90	14.10
New York	8,000	7,500	2,360	2,588	151	285	15.30	17.60
Oregon .....	.....	.....	.....	.....	.....	.....	.....	.....
Malheur	9,300	9,200	7,440	6,992	670	909	8.40	10.10
Other	10,300	9,300	6,798	6,045	1,240	1,209	8.90	13.20
Washington	20,000	19,900	13,000	13,731	1,040	947	8.90	13.90
Wisconsin	1,700	1,500	791	645	44	5	17.50	16.60
Other States ³	1,600	1,500	771	785	79	95	11.70	13.10
United States	93,900	92,700	52,672	50,970	4,147	4,722	10.80	13.60
Total summer	113,050	111,700	61,898	60,681	.....	.....	12.10	13.10
Total, spring and summer ..	139,850	133,600	69,815	67,184	.....	.....	13.60	15.50

(D) Withheld to avoid disclosing data for individual operations. ¹ Primarily fresh market. ² Includes Walla Walla and other non-storage onions. ³ Other States include Nevada and Texas for Summer Non-storage Onions and Ohio and Utah for Summer Storage Onions. ⁴ Primarily dehydrated processing. NASS, Crops Branch, (202) 720-2127.

Table 4-45.—Onions (fresh market): Foreign trade, United States, 2011–2017¹

Year beginning July	Imports		Domestic exports	
	1,000 cwt		1,000 cwt	
2011		8,337		6,479
2012		9,306		6,221
2013		10,652		7,223
2014		10,436		6,109
2015		11,539		6,391
2016		11,532		6,591
2017		12,948		6,465

¹Includes bulb onions, onion sets, and pearl onions.
ERS, Market and Trade Economics Division, (202) 694–5326. Based on data from U.S. Department of Commerce, U.S. Census Bureau.

Table 4-46.—Peas, green (processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 2011–2017

Year	Area harvested		Yield per acre		Production		Value per ton ¹		Total value	
	Acres		Tons		Tons		Dollars		1,000 dollars	
2011	159,100		1.90		314,120		416.00		130,738	
2012	194,500		2.09		407,250		434.00		176,818	
2013	178,300		2.00		356,050		427.00		151,928	
2014	187,600		1.93		362,860		367.00		133,261	
2015	166,200		2.47		411,320		320.00		131,568	
2016	(NA)		(NA)		310,966		255.00		79,323	
2017	(NA)		(NA)		263,946		249.00		65,735	

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. For Table 4-46, 2016 and 2017 includes only processing production, processing price, and processing value.

(NA) Not available. ¹Price and value at processing plant door.
NASS, Crops Branch, (202) 720–2127.

Table 4-47.—Peas, green (processing), commercial crop: Area, production, and value per ton, by State and United States, 2015–2017¹

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	Acres	Acres	Acres	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Minnesota	48,500	(NA)	(NA)	112,450	94,820	96,503	402	249	254
New York	(D)	(NA)	(NA)	(D)	9,906	13,754	(D)	231	258
Washington	42,600	(NA)	(NA)	147,210	(D)	(D)	262	(D)	(D)
Wisconsin	34,300	(NA)	(NA)	81,120	63,558	47,746	334	198	214
Other States ²	40,800	(X)	(X)	70,540	142,682	105,943	294	286	259
United States	166,200	(NA)	(NA)	411,320	310,966	263,946	320	255	249

NOTE: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. For Table 4-47, 2016 and 2017 will include only processing production and processing price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. ²Includes data withheld above and/or data for States not listed in this table.

NASS, Crops Branch, (202) 720–2127.

Table 4-48.—Chile peppers for fresh market and processing: Area, production, and value per hundredweight, by State and United States, 2015–2017^{1 2}

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Arizona	1,300	1,600	1,200	81	122	78	48.30	36.50	26.10
California	6,400	6,700	7,000	2,424	3,049	2,730	31.50	32.50	31.50
New Mexico	7,700	8,700	7,600	1,334	1,392	1,254	30.80	36.70	35.50
Texas	2,700	3,000	3,100	195	143	170	73.50	60.00	61.30
United States	18,100	20,000	18,900	4,034	4,705	4,232	33.60	34.70	33.80

¹ Chile peppers are defined as all peppers excluding bell peppers. ² Estimates include both fresh and dry product combined.
 NASS, Crops Branch, (202) 720-2127.

Table 4-49.—Chile peppers for fresh market and processing, commercial crop: Area, yield, production, value, and total value, United States, 2008–2017¹

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2008	25,200	168	4,235	26.60	112,753
2009	28,500	177	5,042	27.80	140,405
2010	23,000	202	4,644	29.80	138,586
2011	22,100	178	3,928	35.00	137,657
2012	20,400	212	4,315	36.20	156,039
2013	20,000	211	4,210	39.90	168,146
2014	19,100	242	4,625	46.70	216,107
2015	18,100	223	4,034	33.60	135,743
2016	20,000	236	4,705	34.70	163,255
2017	18,900	224	4,232	33.80	142,909

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. For Table 4-49, 2016 and 2017 includes harvested not sold and utilized production.

¹ Chile peppers are defined as all peppers excluding bell peppers. Estimates include both fresh and dry product combined.
 NASS, Crops Branch, (202) 720-2127.

Table 4-50.—Bell peppers for fresh market and processing: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
California	16,500	17,100	15,900	7,508	7,096	6,504	49.00	31.90	43.40
Florida	12,200	12,900	13,100	4,392	3,805	4,388	50.20	33.10	47.00
Georgia	3,600	3,200	2,900	1,008	960	841	48.10	34.10	44.20
Michigan	1,400	1,500	1,800	392	390	459	38.00	37.00	27.30
New Jersey	2,500	2,300	3,100	763	632	867	45.00	31.60	41.40
New York	(NA)	900	800	(NA)	261	86	(NA)	29.50	53.40
North Carolina	2,200	2,300	2,300	517	575	621	42.00	33.00	45.00
Ohio	2,500	2,600	2,500	575	650	562	43.00	44.80	40.00
Pennsylvania	(NA)	900	900	(NA)	148	192	(NA)	47.60	63.20
United States	40,900	43,700	43,300	15,155	14,519	14,522	48.30	33.20	44.20

(NA) Not available.
 NASS, Crops Branch, (202) 720-2127.

Table 4-51.—Bell peppers for fresh market and processing, commercial crop: Area, yield, production, value, hundredweight, and total value, United States, 2008-2017

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2008	50,800	312	15,867	40.10	635,662
2009	49,400	331	16,354	34.10	557,749
2010	49,000	309	15,161	39.10	592,266
2011	46,400	351	16,275	37.80	615,740
2012	45,500	345	15,687	32.80	514,000
2013	44,800	322	14,433	41.60	599,932
2014	44,000	353	15,536	40.30	626,089
2015	40,900	371	15,155	48.30	732,699
2016	43,700	332	14,519	33.20	482,366
2017	43,300	340	14,522	44.20	641,521

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production.

NASS, Crops Branch, (202) 720-2127.

Table 4-52.—Potatoes: Area, yield, production, season average price, and value, United States, 2008-2017

Year	Area planted	Area harvested	Yield per harvested acre	Production	Season average price per cwt received by farmers ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2008 ...	1,059.6	1,046.9	396	415,055	9.09	3,770,462
2009 ...	1,071.2	1,044.0	414	432,601	8.25	3,557,574
2010 ...	1,026.7	1,008.9	401	404,549	9.20	3,724,821
2011 ...	1,100.7	1,078.5	399	430,037	9.41	4,044,869
2012 ...	1,154.8	1,138.5	408	464,970	8.63	4,017,245
2013 ...	1,063.9	1,050.9	414	434,652	9.75	4,237,284
2014 ...	1,062.6	1,051.1	421	442,170	8.88	3,928,211
2015 ...	1,066.1	1,054.4	418	441,205	8.76	3,865,538
2016 ...	1,037.0	1,018.3	433	441,411	9.08	4,009,220
2017 ...	1,033.0	1,024.9	431	442,034	9.10	4,021,495

¹ 2008 obtained by weighting State prices by production.
NASS, Crops Branch, (202) 720-2127.

Table 4-53.—Potatoes: Production, seed used, and disposition, United States, 2008-2017

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
2008 ...	415,055	24,595	4,139	26,438	384,478
2009 ...	432,601	24,027	4,535	29,135	398,931
2010 ...	404,549	25,100	4,227	24,996	375,326
2011 ...	430,037	26,527	4,146	27,789	398,102
2012 ...	464,970	25,656	4,850	28,505	431,615
2013 ...	434,652	25,249	4,323	26,211	404,118
2014 ...	442,170	26,259	4,192	26,762	411,216
2015 ...	441,205	25,715	4,631	26,509	410,065
2016 ...	441,411	25,323	4,284	26,460	410,667
2017 ...	442,034	24,673	4,380	24,737	412,917

NASS, Crops Branch, (202) 720-2127.

Table 4-54.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by State and United States, 2015–2017

Season and State	Area harvested			Yield			Production		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	1,000 acres	1,000 acres	1,000 acres	Cwt	Cwt	Cwt	1,000 cwt	1,000 cwt	1,000 cwt
Spring:									
Arizona ¹	3.5	(NA)	(NA)	290	(NA)	(NA)	1,015	(NA)	(NA)
California	26.7	25.1	29.0	385	390	435	10,280	9,789	12,615
Florida	29.6	22.9	28.7	230	235	250	6,808	5,382	7,175
North Carolina ²	12.7	(NA)	(NA)	210	(NA)	(NA)	2,667	(NA)	(NA)
United States	72.5	48.0	57.7	286	316	343	20,770	15,171	19,790
Summer:									
Delaware ¹	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
Illinois	6.9	6.9	7.6	380	380	410	2,622	2,622	3,116
Kansas	3.6	4.2	4.1	335	300	380	1,206	1,260	1,558
Maryland	2.4	(D)	2.5	330	(D)	365	792	(D)	913
Missouri	8.1	7.9	8.5	305	305	285	2,471	2,410	2,423
New Jersey	(D)	(D)	1.7	(D)	(D)	300	(D)	(D)	510
North Carolina ²	(NA)	13.6	15.1	(NA)	220	230	(NA)	2,992	3,473
Texas	18.2	19.6	21.5	375	395	395	6,825	7,742	8,493
Virginia	4.7	4.1	4.5	220	290	265	1,034	1,189	1,193
Other States ³	3.2	4.4	-	245	315	-	784	1,387	-
United States	47.1	60.7	65.5	334	323	331	15,734	19,602	21,679
Fall:									
California	8.4	7.9	8.2	420	445	405	3,528	3,516	3,321
Colorado	57.4	57.1	55.6	393	389	382	22,575	22,236	21,220
San Luis Valley ...	51.8	51.5	51.5	385	385	375	19,943	19,828	19,313
All other areas ...	5.6	5.6	4.1	470	430	465	2,632	2,408	1,907
Idaho	322.0	324.0	310.0	405	430	435	130,400	139,320	134,850
10 S.W. counties ¹	16.0	(NA)	(NA)	500	(NA)	(NA)	8,000	(NA)	(NA)
All other counties ¹	306.0	(NA)	(NA)	400	(NA)	(NA)	122,400	(NA)	(NA)
Maine	50.5	46.5	47.5	320	325	320	16,160	15,113	15,200
Massachusetts ¹	3.6	(NA)	(NA)	305	(NA)	(NA)	1,098	(NA)	(NA)
Michigan	45.0	46.0	46.5	390	370	370	17,550	17,020	17,205
Minnesota	40.5	42.0	45.5	400	400	405	16,200	16,800	18,428
Montana	10.9	11.0	11.1	325	335	340	3,543	3,685	3,774
Nebraska	15.3	16.4	19.0	450	450	475	6,885	7,380	9,025
Nevada ¹	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
New Mexico ¹	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)
New York	14.8	14.8	14.4	280	240	280	4,144	3,552	4,032
North Dakota	80.0	72.0	74.0	345	300	330	27,600	21,600	24,420
Ohio ¹	1.2	(NA)	(NA)	230	(NA)	(NA)	276	(NA)	(NA)
Oregon	38.9	38.9	38.9	560	590	550	21,784	22,951	21,395
Pennsylvania ¹	5.3	(NA)	(NA)	280	(NA)	(NA)	1,484	(NA)	(NA)
Rhode Island ¹	0.6	(NA)	(NA)	135	(NA)	(NA)	81	(NA)	(NA)
Washington	170.0	169.0	164.0	590	625	605	100,300	105,625	99,220
Wisconsin	62.5	64.0	67.0	445	435	425	27,813	27,840	28,475
Other States ³	7.9	-	-	415	-	-	3,280	-	-
United States	934.8	909.6	901.7	433	447	444	404,701	406,638	400,565
All Potatoes:									
United States	1,054.4	1,018.3	1,024.9	418	433	431	441,205	441,411	442,034

- Represents zero. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. ¹ Estimates discontinued in 2016. ² Beginning in 2016, North Carolina estimates included with Summer States. ³ Includes data withheld above.

NASS, Crops Branch, (202) 720-2127.

Table 4-55.—Fall potatoes: Total stocks held by growers, local dealers, and processors - 13 Fall States: 2016 and 2017¹

State	Crop of 2016			
	Dec. 1	Feb. 1	Apr. 1	June 1
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
California	(D)	1,900	(D)	(D)
Colorado	16,200	11,900	7,600	3,200
Idaho	100,000	76,000	52,000	21,000
Maine	11,100	8,000	4,900	1,900
Michigan	9,900	6,000	2,600	(D)
Minnesota	10,300	7,800	5,500	3,200
Montana	3,500	3,400	2,700	(D)
Nebraska	4,300	3,300	1,400	(D)
New York	(D)	1,200	(D)	(D)
North Dakota	16,600	11,800	7,500	2,700
Oregon	18,700	12,600	7,500	3,700
Washington	59,000	45,000	29,000	13,000
Wisconsin	18,800	14,200	8,800	3,900
Other States ²	4,500	-	1,900	1,470
United States	272,900	203,100	131,400	54,070
Klamath Basin ³	(D)	3,100	1,800	(D)
State	Crop of 2017			
	Dec. 1	Feb. 1	Apr. 1	June 1
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
California	2,600	1,800	1,100	(D)
Colorado	15,300	11,400	7,200	2,800
Idaho	96,000	75,000	52,000	27,000
Maine	11,500	8,500	5,000	1,700
Michigan	11,000	6,900	3,800	(D)
Minnesota	13,600	10,400	7,200	3,900
Montana	3,500	3,400	2,800	240
Nebraska	5,400	3,900	2,100	(D)
New York	2,300	1,300	800	300
North Dakota	20,600	15,300	9,600	4,000
Oregon	16,800	11,300	7,000	3,000
Washington	57,000	45,000	29,000	13,000
Wisconsin	19,300	14,400	9,900	5,300
Other States ²	-	-	-	2,000
United States	274,900	208,600	137,500	63,240
Klamath Basin ³	4,600	3,100	1,700	(D)

- Represents zero. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. ¹Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes that are not yet moved, and shrinkage, waste, and other losses that occur after the date of each estimate. ²Includes data withheld above. ³Includes potato stocks in California and Klamath County, Oregon.
NASS, Crops Branch, (202) 720-2127.

Table 4-56.—Fall potatoes: Production and total stocks held by growers and local dealers, 13 Major States, 2008-2017

Crop year	Production	Total stocks			
		Dec. 1	Following year		
			Feb. 1	Apr. 1	June 1
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
2008	369,866	243,700	183,900	115,800	45,300
2009	383,962	265,800	203,500	128,700	55,120
2010	357,467	240,200	180,300	111,000	41,320
2011	382,318	253,000	187,500	115,650	43,340
2012	410,367	271,500	204,600	(NA)	(NA)
2013	386,824	(NA)	(NA)	119,050	46,885
2014	396,798	265,700	200,800	128,700	56,335
2015	404,701	262,700	198,100	125,700	51,280
2016	406,638	272,900	203,100	131,400	54,070
2017	400,565	274,900	208,600	137,500	63,240

(NA) Not available.
NASS, Crops Branch, (202) 720-2127.

Table 4-57.—Potatoes: Utilization and processing, United States, 2016 and 2017

Utilization - 30 Program States	2016	2017
	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Sales		
Table stock	113,634	107,235
Processing	269,640	279,120
Other sales		
Livestock feed	1,083	1,815
Seed	26,310	24,747
Other Sales Total	27,393	26,562
Total sales	410,667	412,917
Non-sales		
Seed used on farms where grown	3,605	3,526
Household use and used for feed on farms where grown	679	854
Shrinkage and loss	26,460	24,737
Total non-sales	30,744	29,117
Total production	441,411	442,034
Processing - United States	2016	2017
	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Processing		
Chips and shoestring	60,266	58,751
All Dehydrated (including starch and flour)	48,015	45,761
Frozen french fries	156,985	155,798
Other frozen products	12,695	13,803
Canned potatoes	1,234	1,152
Other canned products (hash, stews, soups)	698	703
Other (including fresh pack, potato salad, vodka, etc)	6,000	6,160
Total	285,893	282,128

NASS, Crops Branch, (202) 720-2127.

Table 4-58.—Potatoes: Production, seed used, and farm disposition, by seasonal groups, crop of 2016

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt
Spring					
California	9,789	810	89	489	9,211
Florida	5,382	660	16	237	5,129
United States	15,171	1,470	105	726	14,340
Summer					
Illinois	2,622	135	-	1	2,621
Kansas	1,260	142	-	13	1,247
Maryland	(D)	(D)	(D)	(D)	(D)
Missouri	2,410	211	89	1	2,320
New Jersey	(D)	(D)	(D)	(D)	(D)
North Carolina	2,992	312	1	36	2,955
Texas	7,742	642	-	-	7,742
Virginia	1,189	76	-	2	1,187
Other States ¹	1,387	74	1	1	1,385
United States	19,602	1,592	91	54	19,457
Fall					
California	3,516	172	46	172	3,298
Colorado	22,236	1,430	871	1,660	19,705
Idaho	139,320	7,626	903	8,700	129,717
Maine	15,113	1,056	205	1,068	13,840
Michigan	17,020	1,397	280	748	15,992
Minnesota	16,800	923	73	850	15,877
Montana	3,685	276	180	130	3,375
Nebraska	7,380	600	248	642	6,490
New York	3,552	400	72	280	3,200
North Dakota	21,600	1,716	280	2,000	19,320
Oregon	22,951	1,026	332	1,410	21,209
Washington	105,625	4,199	256	6,800	98,569
Wisconsin	27,840	1,440	342	1,220	26,278
United States	406,638	22,261	4,088	25,680	376,870
All potatoes					
United States	441,411	25,323	4,284	26,460	410,667

- Represents zero. (D) Withheld to avoid disclosing data for individual operations. ¹ Includes data withheld above.
 NASS, Crops Branch, (202) 720-2127.

Table 4-59.—Potatoes: Production, seed used, and farm disposition, by seasonal groups, crop of 2017

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt
Spring					
California	12,615	776	221	252	12,142
Florida	7,175	684	17	145	7,013
United States	19,790	1,460	238	397	19,155
Summer					
Illinois	3,116	127	-	31	3,085
Kansas	1,558	114	-	-	1,558
Maryland	913	(D)	(D)	(D)	(D)
Missouri	2,423	183	-	-	2,423
New Jersey	510	(D)	(D)	(D)	(D)
North Carolina	3,473	294	1	1	3,471
Texas	8,493	420	20	-	8,473
Virginia	1,193	93	-	4	1,189
Other States ¹	-	84	1	1	1,421
United States	21,679	1,315	22	37	21,620
Fall					
California	3,321	203	-	13	3,308
Colorado	21,220	1,383	981	1,550	18,689
Idaho	134,850	7,529	808	8,300	125,742
Maine	15,200	1,092	221	879	14,100
Michigan	17,205	1,344	369	585	16,251
Minnesota	18,428	880	86	1,071	17,271
Montana	3,774	264	275	189	3,310
Nebraska	9,025	546	259	640	8,126
New York	4,032	375	56	236	3,740
North Dakota	24,420	1,517	200	1,500	22,720
Oregon	21,395	882	259	1,340	19,796
Washington	99,220	4,208	263	6,040	92,917
Wisconsin	28,475	1,675	343	1,960	26,172
United States	400,565	21,898	4,120	24,303	372,142
All potatoes					
United States	442,034	24,673	4,380	24,737	412,917

- Represents zero. (D) Withheld to avoid disclosing data for individual operations. ¹ Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

Table 4-60.—Potatoes, fresh & seed: United States exports by country of destination and imports by country of origin, 2015–2017

Country	2015	2016	2017
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Imports			
Canada	400,171	495,872	501,765
Colombia	13	10	50
Ecuador	5	13	30
Netherlands	-	0	24
Ghana	0	0	9
Peru	5	0	1
Brazil	0	30	0
Costa Rica	0	9	0
World Total	400,194	495,933	501,879
Exports			
Canada	181,047	240,667	263,426
Mexico	97,974	91,815	93,205
Taiwan	15,497	35,929	42,883
Japan	21,716	41,684	39,876
Philippines	11,994	13,270	22,271
Korea, South	26,203	8,913	20,974
Malaysia	13,306	11,018	12,429
Honduras	6,780	9,344	10,175
Dominican Republic	4,648	5,191	6,230
Singapore	4,740	5,643	5,489
Hong Kong	3,542	3,108	3,648
Panama	2,485	2,767	3,139
Thailand	4,908	3,681	3,057
Guatemala	2,098	2,221	3,032
Indonesia	3,339	1,403	1,884
Bahamas, The	1,709	1,320	1,528
Costa Rica	0	658	1,295
Leeward-Windward Islands(*)	982	1,134	1,212
Nicaragua	1,253	1,883	809
Trinidad and Tobago	835	811	807
Cayman Islands	566	558	736
Senegal	51	218	657
El Salvador	436	531	618
Saudi Arabia	0	8	614
Rest of World	4,296	5,205	4,632
World Total	410,403	488,979	544,624

(*) Denotes a country that is a summarization of its component countries.
 FAS, Office of Global Analysis, (202) 720-6301.

Table 4-61.—Potatoes (fresh market): Foreign trade, United States, 2008–2017¹

Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
2008/2009	10,550	6,588
2009/2010	9,050	8,183
2010/2011	10,384	9,294
2011/2012	9,041	9,348
2012/2013	7,375	10,467
2013/2014	10,833	10,001
2014/2015	8,514	9,369
2015/2016	10,103	10,135
2016/2017	11,265	11,306
2017/2018	10,852	10,865

¹ Includes seed.
 ERS, (202) 694–5253. Based on data from U.S. Department of Commerce, U.S. Census Bureau.

Table 4-62.—Pumpkins for fresh market and processing: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
California	6,100	5,000	5,200	1,464	1,350	1,714	17.80	18.50	14.30
Illinois	14,700	17,400	17,400	3,179	6,786	6,303	3.79	6.31	3.87
Indiana ¹	(NA)	7,000	6,000	(NA)	945	959	(NA)	14.40	19.20
Michigan	5,000	5,100	4,900	770	790	758	15.70	15.10	11.00
Minnesota ¹	(NA)	1,500	840	(NA)	155	51	(NA)	19.10	26.50
New Jersey ¹	(NA)	2,000	2,100	(NA)	200	198	(NA)	26.70	30.80
New York	4,400	5,200	4,900	489	598	499	22.60	19.40	19.50
North Carolina ¹	(NA)	3,600	3,400	(NA)	936	706	(NA)	24.70	18.60
Ohio	5,500	6,200	6,200	842	930	1,039	17.10	17.80	13.60
Oregon ¹	(NA)	2,100	2,500	(NA)	459	427	(NA)	11.20	15.20
Pennsylvania	5,200	4,300	4,600	794	731	740	18.40	20.30	17.60
Tennessee ¹	(NA)	1,800	1,600	(NA)	270	128	(NA)	22.10	19.10
Texas ¹	(NA)	4,000	4,500	(NA)	1,640	864	(NA)	10.40	26.80
Virginia ¹	(NA)	2,200	2,400	(NA)	374	539	(NA)	30.10	14.40
Washington ¹	(NA)	2,200	1,900	(NA)	376	326	(NA)	27.30	28.20
Wisconsin ¹	(NA)	1,800	900	(NA)	186	127	(NA)	18.90	27.80
United States	40,900	71,400	69,340	7,538	16,727	15,379	12.00	13.20	12.10

(NA) Not available. ¹ Estimates began in 2016.
NASS, Crops Branch, (202) 720-2127.

Table 4-63.—Pumpkins for fresh market and processing, commercial crop: Area, yield, production, value, hundredweight, and total value, United States, 2008–2017

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2008	43,400	246	10,663	12.90	137,072
2009	44,100	211	9,313	11.00	102,730
2010	48,500	222	10,748	11.00	117,791
2011	46,900	228	10,705	10.60	113,085
2012	50,500	238	12,036	12.10	146,033
2013	50,300	223	11,221	13.20	148,517
2014	49,100	265	13,019	11.00	143,158
2015	40,900	184	7,538	12.00	90,214
2016	71,400	235	16,727	13.20	221,019
2017	69,340	226	15,379	12.10	185,764

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production.
NASS, Crops Branch, (202) 720-2127.

Table 4-64.—Spinach for fresh market: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Arizona	10,300	(NA)	(NA)	1,288	2,016	2,240	42.90	46.20	53.30
California	26,700	(NA)	(NA)	4,272	(D)	(D)	63.40	(D)	(D)
New Jersey	1,400	(NA)	(NA)	210	254	(D)	49.30	47.90	(D)
Texas	2,100	(NA)	(NA)	263	276	679	21.00	26.50	39.30
Other States ¹	690	(X)	(X)	43	3,947	3,107	37.20	57.20	78.10
United States	41,190	(NA)	(NA)	6,076	6,494	6,026	56.50	52.10	64.50

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. For Table 4-64, 2016 and 2017 includes only fresh market production and fresh market price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹Other States include Colorado and Maryland.

NASS, Crops Branch, (202) 720-2127.

Table 4-65.—Spinach for fresh market, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	31,435	191	6,010	40.40	242,823
2012	34,440	156	5,360	42.20	226,232
2013	34,940	161	5,619	43.20	242,846
2014	37,540	158	5,919	43.90	259,700
2015	41,190	148	6,076	56.50	343,575
2016	(NA)	(NA)	6,494	52.10	338,527
2017	(NA)	(NA)	6,026	64.50	388,706

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. For Table 4-65, 2016 and 2017 includes only fresh market production, fresh market price, and fresh market value.

(NA) Not available. ¹Price and value at point of first sale.

NASS, Crops Branch, (202) 720-2127.

Table 4-66.—Spinach for processing, commercial crop: Area, yield, production, value per ton, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	7,500	10.69	80,180	131.00	10,465
2012	7,400	10.18	75,320	137.00	10,320
2013	8,800	10.08	88,710	129.00	11,451
2014	9,100	9.92	90,310	125.00	11,312
2015	7,200	10.44	75,200	138.00	10,394
2016	(NA)	(NA)	77,032	158.00	12,146
2017	(NA)	(NA)	64,717	189.00	12,215

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. For Table 4-66, 2016 and 2017 includes only processing production, processing price, and processing value.

(NA) Not available. ¹Price and value at processing plant door.

NASS, Crops Branch, (202) 720-2127.

Table 4-67.—Sweet Potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 2008–2017

Year	Area harvested	Yield per acre	Production	Market year average price ¹	Value of production
	<i>1,000 acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2008	97.3	190	18,443	21.20	390,572
2009	96.9	201	19,469	21.80	423,677
2010	116.9	204	23,845	19.80	472,218
2011	129.7	208	26,964	18.80	505,938
2012	126.6	209	26,482	17.40	461,861
2013	113.2	219	24,785	24.10	597,217
2014	135.2	219	29,584	23.90	706,916
2015	153.1	203	31,016	21.80	675,583
2016	163.3	193	31,546	20.70	651,514
2017	159.3	224	35,646	20.60	732,926

¹ Obtained by weighting State prices by production. NASS, Crops Branch, (202) 720-2127.

Table 4-68.—Sweet Potatoes: Area, production, and season average price per hundredweight received by farmers, by State and United States, 2015–2017

State	Area harvested			Production			Market year average price per cwt		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama	2.5	(NA)	(NA)	550	(NA)	(NA)	21.40	(NA)	(NA)
Arkansas	3.8	(D)	(D)	741	(D)	(D)	27.20	(D)	(D)
California	18.5	20.0	21.0	6,290	6,200	6,510	23.70	23.10	22.50
Florida	5.4	(D)	(D)	1,107	(D)	(D)	(D)	(D)	(D)
Louisiana	9.0	9.5	9.5	1,980	1,520	2,185	21.60	21.30	23.50
Mississippi	26.0	29.0	29.0	3,770	4,930	4,930	20.90	22.80	23.20
New Jersey	1.2	(NA)	(NA)	168	(NA)	(NA)	31.50	(NA)	(NA)
North Carolina	86.0	95.0	89.5	16,340	17,100	19,690	19.40	18.10	17.60
Texas	0.7	(NA)	(NA)	70	(NA)	(NA)	(D)	(NA)	(NA)
Other States	-	9.8	10.3	-	1,796	2,331	43.10	30.10	31.80
United States	153.1	163.3	159.3	31,016	31,546	35,646	21.80	20.70	20.60

- Represents zero. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. NASS, Crops Branch, (202) 720-2127.

Table 4-69.—Squash for fresh market and processing: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
California	5,400	5,000	4,900	864	1,000	820	34.50	28.10	34.90
Florida	5,900	5,800	5,700	600	667	737	45.80	45.10	40.30
Georgia	3,000	3,600	3,500	420	576	537	40.30	38.00	43.80
Michigan	5,600	6,100	5,700	1,114	1,464	1,311	17.50	15.00	20.20
New Jersey	2,800	3,400	2,900	252	391	319	37.80	32.70	45.00
New York	4,200	4,100	4,100	594	697	609	42.00	29.30	38.30
North Carolina	2,400	3,100	2,300	235	205	223	28.30	30.00	45.40
Ohio ¹	1,800	(NA)	(NA)	324	(NA)	(NA)	40.00	(NA)	(NA)
Oregon	3,500	2,900	3,600	1,230	841	1,080	8.00	8.60	11.60
South Carolina ¹	1,500	(NA)	(NA)	165	(NA)	(NA)	25.90	(NA)	(NA)
Tennessee ¹	590	(NA)	(NA)	38	(NA)	(NA)	53.00	(NA)	(NA)
Texas	2,000	1,900	1,700	180	171	153	57.00	41.20	63.70
United States	38,690	35,900	34,400	6,016	6,012	5,789	29.00	25.90	30.80

(NA) Not available. ¹ Estimates discontinued in 2016.
NASS, Crops Branch, (202) 720–2127.

Table 4-70.—Squash for fresh market and processing, commercial crop: Area, yield, production, value and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	42,900	164	7,043	34.30	241,877
2012	41,800	176	7,369	31.80	234,101
2013	39,900	154	6,149	37.20	228,985
2014	39,330	153	6,017	31.20	187,820
2015	38,690	155	6,016	29.00	174,259
2016	35,900	167	6,012	25.90	155,736
2017	34,400	169	5,789	30.80	178,469

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production.

NASS, Crops Branch, (202) 720–2127.

Table 4-71.—Taro: Area, production, price, and value, Hawaii, 2011–2017

Year	Area harvested	Production	Price per pound	Value of production
				<i>1,000 dollars</i>
	<i>Acres</i>	<i>1,000 pounds</i>	<i>Dollars</i>	
2011	485	4,100	0.670	2,747
2012	400	3,500	0.670	2,345
2013	400	3,120	0.620	1,934
2014	360	3,240	0.600	1,944
2015	340	3,502	0.680	2,381
2016	310	3,503	0.660	2,312
2017	350	3,686	0.700	2,580

(NA) Not available.
NASS, Crops Branch, (202) 720–2127.

Table 4-72.—Tomatoes: Foreign trade, United States, 2008–2017

Year beginning July	Imports				Domestic exports ²			
	Fresh	Canned, whole and piece ¹	Catsup and sauces	Paste	Fresh	Canned, whole and piece	Catsup and sauces	Paste
	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt	1,000 cwt
2008/2009	25,014	336	3,924	179	3,720	1,421	4,971	6,338
2009/2010	32,093	405	3,684	124	3,133	1,128	5,423	5,011
2010/2011	30,904	270	3,839	113	2,794	1,303	5,845	6,426
2011/2012	33,744	265	3,533	111	2,531	1,531	6,064	6,764
2012/2013	33,717	358	3,451	87	2,533	1,312	6,302	9,032
2013/2014	34,880	385	3,526	103	2,345	1,673	7,247	11,035
2014/2015	33,488	306	3,425	129	2,459	1,296	8,748	9,937
2015/2016	37,910	360	3,852	216	1,936	1,219	9,121	8,207
2016/2017	38,017	321	3,952	209	1,960	1,442	9,176	8,135
2017/2018	40,828	306	4,255	257	1,832	1,497	8,313	7,022

¹Includes all canned tomato and tomato product imports except paste and juice, on a product-weight-basis. ²Includes exports for military-civilian feeding abroad. ERS, Market and Trade Economics Division, (202) 694-5326. Based on data from U.S. Department of Commerce, U.S. Census Bureau.

Table 4-73.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 2008–2017

Year	For fresh market				
	Area harvested	Yield per acre	Production	Value ¹	
				Per cwt	Total
	Acres	Cwt	1,000 cwt	Dollars	1,000 dollars
2008	103,650	297	30,751	45.30	1,394,067
2009	107,600	305	32,781	40.40	1,324,830
2010	103,300	272	28,127	48.20	1,354,676
2011	100,010	301	30,105	36.10	1,087,373
2012	101,000	284	28,660	30.50	874,195
2013	99,600	265	26,391	44.60	1,177,592
2014	97,600	280	27,280	41.50	1,133,070
2015	92,200	286	26,375	46.30	1,221,270
2016	(NA)	(NA)	20,683	42.50	878,675
2017	(NA)	(NA)	20,447	37.30	762,529

Year	For processing				
	Area harvested	Yield per acre	Production	Value ²	
				Per ton	Total
	Acres	Cwt	1,000 cwt	Dollars	1,000 dollars
2008	296,500	41.50	12,305,820	79.80	982,373
2009	327,800	42.62	13,970,560	87.20	1,218,912
2010	288,900	44.22	12,776,280	72.50	926,692
2011	267,800	46.29	12,396,150	75.60	936,861
2012	276,300	47.70	13,178,750	76.70	1,010,545
2013	277,000	45.60	12,631,500	90.10	1,138,462
2014	306,100	47.82	14,637,300	99.30	1,452,823
2015	310,600	47.50	14,754,350	93.70	1,381,956
2016	(NA)	(NA)	13,226,865	87.40	1,156,355
2017	(NA)	(NA)	11,005,854	82.80	911,645

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. For Table 4-73, 2016 and 2017 includes only fresh market production, fresh market price, fresh market value, processing production, processing price, and processing value.

(NA) Not available. ¹Price and value at point of first sale. ²Price and value at processing plant door. NASS, Crops Branch, (202) 720-2127.

Table 4-74.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by State and United States, 2015–2017¹

Utilization and State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
Fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Alabama ²	1,100	(NA)	(NA)	385	(NA)	(NA)	51.50	(NA)	(NA)
Arkansas ²	800	(NA)	(NA)	152	(NA)	(NA)	59.00	(NA)	(NA)
California	28,300	(NA)	(NA)	8,773	7,823	6,616	35.00	28.00	31.20
Florida	32,200	(NA)	(NA)	9,499	7,280	7,988	47.70	52.50	32.80
Georgia ²	2,700	(NA)	(NA)	918	(NA)	(NA)	39.40	(NA)	(NA)
Indiana	700	(NA)	(NA)	50	25	31	55.00	66.20	75.00
Michigan	2,600	(NA)	(NA)	780	405	407	53.60	46.30	54.80
New Jersey	2,900	(NA)	(NA)	653	(D)	690	81.10	(D)	53.90
New York ²	2,300	(NA)	(NA)	299	(NA)	(NA)	105.00	(NA)	(NA)
North Carolina ..	3,300	(NA)	(NA)	1,023	961	(D)	46.00	54.20	(D)
Ohio	3,500	(NA)	(NA)	886	1,004	1,016	54.40	55.00	56.60
Pennsylvania ² ..	2,200	(NA)	(NA)	389	(NA)	(NA)	85.40	(NA)	(NA)
South Carolina ..	3,200	(NA)	(NA)	864	840	960	50.50	35.00	33.30
Tennessee	3,400	(NA)	(NA)	1,003	(D)	(D)	56.00	(D)	(D)
Texas ²	900	(NA)	(NA)	81	(NA)	(NA)	60.00	(NA)	(NA)
Virginia	2,100	(NA)	(NA)	620	504	(D)	55.00	46.00	(D)
Other States ³ ...	900	(NA)	(NA)	81	1,841	2,739	60.00	52.70	52.10
United States ...	92,200	(NA)	(NA)	26,375	20,683	20,447	46.30	42.50	37.30
Processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
California	296,000	(NA)	(NA)	14,361,000	12,647,064	10,464,054	93.00	86.30	81.00
Indiana	6,700	(NA)	(NA)	191,620	252,233	222,631	120.00	113.00	123.00
Michigan	3,200	(NA)	(NA)	95,040	137,929	133,056	117.00	110.00	103.00
New Jersey	(NA)	(NA)	(NA)	(NA)	(D)	21,448	(NA)	(D)	94.00
Ohio	4,700	(NA)	(NA)	106,690	171,983	159,921	115.00	107.00	116.00
Tennessee	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(D)	(D)
Other States	(NA)	(NA)	(NA)	-	17,656	4,744	(X)	161.00	506.00
United States ...	310,600	(NA)	(NA)	14,754,350	13,226,865	11,005,854	93.70	87.40	82.80

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. For Table 4-74, 2016 includes only fresh market production, fresh market price, processing production, and processing price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (X) Not applicable. ¹ Cherry, grape, tomatillo, and greenhouse tomatoes are excluded. ² Estimates discontinued in 2016. ³ Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

Table 4-75.—Watermelon for fresh market: Area, production, and value per hundredweight, by State and United States, 2015–2017

State	Area harvested			Production			Value per unit		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Alabama	2,800	(NA)	(NA)	420	(NA)	(NA)	14.50	(NA)	(NA)
Arizona	3,600	(NA)	(NA)	1,584	2,447	1,850	16.80	14.40	23.50
Arkansas	1,500	(NA)	(NA)	338	(NA)	(NA)	14.80	(NA)	(NA)
California	11,100	(NA)	(NA)	5,512	6,426	7,283	14.50	18.20	19.00
Delaware	2,300	(NA)	(NA)	761	1,239	1,267	13.00	14.00	8.00
Florida	21,000	(NA)	(NA)	5,880	6,825	7,702	15.00	16.10	17.60
Georgia	19,000	(NA)	(NA)	5,510	6,076	6,811	14.80	11.70	10.90
Indiana	6,900	(NA)	(NA)	2,415	3,010	2,780	13.00	12.00	10.50
Maryland	3,200	(NA)	(NA)	1,040	1,380	900	13.00	11.70	11.10
Mississippi	1,800	(NA)	(NA)	315	(NA)	(NA)	12.00	(NA)	(NA)
Missouri	2,600	(NA)	(NA)	572	(D)	(D)	8.70	(D)	(D)
North Carolina	5,800	(NA)	(NA)	1,798	(D)	1,924.7	18.00	(D)	10.80
Oklahoma	4,000	(NA)	(NA)	540	(NA)	(NA)	13.50	(NA)	(NA)
South Carolina	7,200	(NA)	(NA)	2,736	2,592	2,766	13.50	15.10	12.20
Texas	23,000	(NA)	(NA)	5,520	7,250	(D)	9.40	10.20	(D)
Virginia	650	(NA)	(NA)	163	(NA)	(NA)	22.00	(NA)	(NA)
Other States	(NA)	(NA)	(NA)	(NA)	2,430	6,606	(X)	13.50	15.10
United States	116,450	(NA)	(NA)	35,475	39,676	39,892	13.80	13.80	14.90

Note: Beginning in 2016, acreage and yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total production and utilized production are estimated for each crop. Harvested not sold estimates were added to the estimating program. This is defined as the difference between total production and total utilized production. For Table 4-75, 2016 and 2017 will include only fresh market production and fresh market price.

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available.
 NASS, Crops Branch, (202) 720-2127.

Table 4-76.—Watermelon for fresh market, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 2011-2017

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2011	117,570	307	36,127	13.90	502,560
2012	115,800	312	36,153	13.20	476,768
2013	113,630	318	36,102	14.20	513,987
2014	111,350	293	33,263	13.50	450,324
2015	116,450	294	35,475	13.80	488,383
2016	(NA)	(NA)	39,676	13.80	548,581
2017	(NA)	(NA)	39,892	14.90	595,304

Note: Beginning in 2016, Acreage and Yield estimates for fresh market and processing utilizations were discontinued. Only total acreage and total yield will be published beginning in 2016. Total Production and Utilized Production are estimated for each crop. Harvested Not Sold estimates were added to the estimating program. This is defined as the difference between Total Production and Total Utilized Production. For Table 4-76, 2016 and 2017 will include only fresh market production, fresh market price, and fresh market value.

(NA) Not available. ¹ Price and value at point of first sale.
 NASS, Crops Branch, (202) 720-2127.

Table 4-77.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 2017

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July
Vegetables:	<i>1,000 cwt</i>						
Artichokes	58	53	42	52	48	56	65
Artichokes-organic	1	1				1	1
Asparagus			11	108	168	111	3
Asparagus-organic						1	
Beans	222	226	316	299	229	148	54
Beans-organic				1			
Beets				2	4	3	4
Beets-organic	1				2	3	2
Broccoli	442	414	407	439	501	530	445
Broccoli-organic	20	19	14	24	29	41	26
Brussels sprouts	38	24	25	16	22	30	47
Cabbage	1,004	961	1,321	671	401	362	261
Cabbage-organic	5	5	6	5	4	4	4
Carrots	658	583	696	628	612	587	582
Carrots-organic	61	57	66	52	56	44	43
Cauliflower	501	381	330	287	418	367	324
Cauliflower-organic	10	9	8	23	32	35	27
Celery	1,324	1,141	1,163	1,061	998	1,140	982
Celery-organic	48	33	30	21	31	77	96
Corn, sweet	421	402	844	1,832	2,440	2,523	686
Corn, sweet-organic					15		
Cucumbers	26		142	405	574	503	359
Cucumbers-organic							
Eggplant	56	42	71	78	109	166	26
Eggplant-organic	1	1	1	1	1		
Endive	17	16	17	10	3	2	2
Endive-organic							2
Escarole	20	20	22	16	5	2	2
Greens	219	238	250	242	206	124	121
Greens-organic	28	22	17	9	12	21	14
Lettuce, iceberg	1,865	1,604	2,264	1,847	2,307	2,178	2,082
Lettuce, iceberg-organic				7	25	21	12
Lettuce, other	379	327	343	223	221	195	184
Lettuce, other-organic	8	5	3	4	6	4	4
Lettuce, romaine	2,128	1,787	2,112	1,730	1,756	1,607	1,456
Lettuce, romaine-organic	100	91	45	56	95	115	104
Lettuce processed	705	545	866	919	1,038	963	1,066
Commodity	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
Artichokes	63	61	52	48	71	669	
Artichokes-organic	1	2	1		1	9	
Asparagus						401	
Asparagus-organic						1	
Beans	66	63	67	220	173	2,083	
Beans-organic			1	2		4	
Beets	4	4	4	2		27	
Beets-organic	2	2	2	1		15	
Broccoli	452	347	416	646	560	5,599	
Broccoli-organic	27	23	25	30	21	299	
Brussels sprouts	64	61	80	115	95	617	
Cabbage	572	584	617	533	815	8,102	
Cabbage-organic	5	8	6	3	1	56	
Carrots	594	540	545	541	594	7,160	
Carrots-organic	52	47	37	48	36	599	
Cauliflower	386	347	368	451	363	4,523	
Cauliflower-organic	30	18	23	28	11	254	
Celery	1,132	1,058	1,249	1,489	1,184	13,921	
Celery-organic	89	95	116	97	31	764	
Corn, sweet	600	411	344	225	266	10,994	
Corn, sweet-organic				1		16	
Cucumbers	485	452	298	231	129	3,604	
Cucumbers-organic				2	1	3	
Eggplant	32	47	82	71	43	823	
Eggplant-organic					1	5	
Endive	3	2	3	6	8	89	
Endive-organic						2	
Escarole	3	3	4	10	9	116	
Greens	94	136	157	336	419	2,542	
Greens-organic	18	20	16	16	9	202	
Lettuce, iceberg	2,222	2,011	1,898	1,793	2,020	24,091	
Lettuce, iceberg-organic	12	8	10	8		103	
Lettuce, other	203	195	210	256	352	3,088	
Lettuce, other-organic	6	4	4	7	4	59	
Lettuce, romaine	1,628	1,534	1,543	1,800	2,079	21,160	
Lettuce, romaine-organic	119	98	86	64	42	1,015	
Lettuce processed	833	1,187	1,180	980	930	11,212	

See footnote(s) at end of table.

Table 4-77.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 2017—Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July
Vegetables:	1,000 cwt						
Onions, dry	3,692	3,171	3,867	4,398	4,257	3,875	4,006
Onions, dry-organic .....	.....	1	.....	9	20	15	4
Onions processed	539	618	620	727	560	434	689
Onions, green	14	12	13	23	22	28	28
Parsley	26	21	24	34	27	35	33
Parsley-organic	4	2	2	1	1	2	2
Peas, green .....	.....	.....	.....	.....	.....	.....	.....
Peppers, bell	414	321	416	561	846	956	815
Peppers, bell-organic	2	1	2	2	7	8	6
Peppers, other	18	13	13	14	31	30	25
Potatoes, table	7,856	7,541	8,632	7,709	8,040	8,276	7,884
Potatoes, table-organic	159	152	176	139	77	89	133
Potatoes, chipper	4,111	3,844	4,013	5,303	4,787	4,797	5,986
Potatoes, chipper-organic .....	.....	.....	.....	.....	.....	.....	.....
Potatoes, seed	492	1,189	3,527	5,326	2,735	130	.....
Radishes	41	42	57	45	24	21	19
Radishes-organic .....	.....	.....	.....	.....	.....	1	1
Spinach	208	206	230	83	59	62	56
Spinach-organic	37	41	43	13	1	2	2
Squash	93	101	150	177	260	190	162
Squash-organic	5	3	5	6	1	.....	.....
Sweet potatoes	769	825	908	949	779	658	657
Sweet potatoes-organic	8	7	9	5	3	4	5
Tomatoes	1,220	1,040	1,275	1,281	1,187	1,096	1,251
Tomatoes-organic .....	.....	.....	.....	.....	.....	.....	1
Tomatoes, greenhouse	88	85	96	178	168	175	203
Toms, Grape Type	154	141	189	158	171	124	85
Toms, Grape Type-greenhouse	12	10	15	25	24	19	17
Toms, Grape Type-organic	11	7	10	15	12	6	1
Toms, Cherry	53	53	59	44	38	30	24
Toms, Cherry-greenhouse	1	1	1	2	2	2	2
Toms, Plum Type	245	222	287	187	217	123	301
Total	30,642	28,678	36,072	38,482	36,729	33,161	31,498

Commodity	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Onions, dry	3,775	3,612	3,776	3,825	3,754	46,008
Onions, dry-organic	1	1	1	1	1	54
Onions processed	337	566	468	418	571	6,547
Onions, green	26	29	29	30	18	272
Parsley	39	34	40	38	24	375
Parsley-organic	2	2	2	2	1	23
Peas, green .....	.....	1	1	.....	.....	2
Peppers, bell	656	607	615	700	369	7,276
Peppers, bell-organic .....	.....	.....	1	2	.....	31
Peppers, other	6	3	17	16	21	207
Potatoes, table	8,049	8,329	7,858	8,688	7,870	96,732
Potatoes, table-organic	214	197	181	205	186	1,908
Potatoes, chipper	3,955	5,633	4,103	3,969	5,145	55,646
Potatoes, chipper-organic .....	.....	.....	.....	.....	.....	1
Potatoes, seed .....	.....	38	73	72	161	13,743
Radishes	21	21	32	37	37	397
Radishes-organic	1	1	.....	.....	.....	4
Spinach	64	54	73	122	168	1,385
Spinach-organic	1	1	20	18	30	209
Squash	134	125	99	137	143	1,771
Squash-organic .....	.....	.....	1	5	6	32
Sweet potatoes	688	760	747	1,404	961	10,105
Sweet potatoes-organic	4	4	7	8	5	69
Tomatoes	1,294	1,177	961	752	679	13,213
Tomatoes-organic .....	.....	.....	.....	.....	.....	1
Tomatoes, greenhouse	131	139	113	93	117	1,586
Toms, Grape Type	73	85	52	85	82	1,399
Toms, Grape Type-greenhouse	12	20	14	14	17	199
Toms, Grape Type-organic .....	.....	.....	.....	7	6	75
Toms, Cherry	30	30	14	18	20	413
Toms, Cherry-greenhouse	2	3	5	3	4	28
Toms, Plum Type	401	366	224	124	155	2,852
Total	29,725	31,207	28,972	30,854	30,820	386,840

See footnote(s) at end of table.

Table 4-77.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 2017—Continued

Commodity	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Total
Melons:	1,000 cwt									
Cantaloupe		47	1,713	2,459	2,430	2,432	1,536	930	295	11,842
Cantaloupe-organic			25	65	52	57	48			247
Honeydews			78	274	679	709	504	144	56	2,444
Honeydews-organic			2	7	18	9	2			38
Mixed & misc. melons			46	193	172	101	1			513
Mixed & misc. melons-organic					11	5				16
Watermelon, seedless	41	1,271	5,618	9,806	8,699	7,995	1,971	130		35,531
Watermelon, seedless-organic			15	59	68	47	17			206
Watermelon, seeded	7	219	735	736	550	416	51	1		2,714
Watermelon, seeded-organic				2						2
Total	48	1,537	8,232	13,601	12,679	11,771	4,130	1,624	344	53,553

Note: No data for January, February, and December 2017.

AMS, Fresh Fruit and Vegetable Specialty Crops, Market News Division, (202) 205-9690.

Table 4-78.—Vegetables, fresh: Per capita civilian utilization (farm-weight basis), United States, 2008–2017¹

Year	Cabbage	Cucumbers	Tomatoes ²	Asparagus	Broccoli	Carrots
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	8.1	6.4	18.5	1.2	6.0	8.1
2009	7.3	6.8	19.6	1.3	6.2	7.4
2010	7.5	6.7	20.6	1.4	6.0	7.8
2011	6.6	6.4	21.0	1.4	5.9	7.5
2012	6.3	7.1	20.8	1.4	6.3	7.9
2013	6.9	7.3	20.2	1.4	6.9	8.0
2014	6.7	7.4	20.6	1.6	6.6	8.5
2015	6.3	7.6	20.5	1.5	7.4	8.8
2016	5.9	8.2	20.4	1.5	7.4	7.8
2017	6.0	7.5	20.3	1.6	7.1	7.3

Year	Head lettuce	Leaf/romaine	Snap beans	Garlic	Cauliflower	Celery
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	16.8	10.4	2.0	2.8	1.6	6.2
2009	16.1	10.0	1.7	2.4	1.7	6.2
2010	15.9	12.0	1.9	2.3	1.3	6.1
2011	15.8	11.7	1.7	2.3	1.2	6.0
2012	15.9	11.9	1.6	2.3	1.2	6.0
2013	14.1	11.4	1.6	2.3	1.3	5.5
2014	14.5	10.8	1.5	2.2	1.3	5.5
2015	13.6	11.0	1.6	2.4	1.6	5.4
2016	14.3	12.7	1.7	2.9	1.6	5.0
2017	13.3	12.5	1.5	3.0	2.2	4.6

Year	Sweet Corn	Onions	Spinach	Bell peppers	Others ³	Total vegetables ⁴
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	9.1	20.2	1.7	9.5	18.9	143.1
2009	9.2	19.6	2.0	9.8	18.4	141.3
2010	9.2	19.6	1.7	10.3	18.3	144.7
2011	8.2	19.1	1.8	10.6	18.8	141.9
2012	8.7	19.5	1.6	10.7	19.3	144.7
2013	8.9	18.5	1.6	10.0	18.8	140.9
2014	7.6	18.3	1.7	10.7	20.4	142.2
2015	8.6	18.9	1.7	10.7	18.2	141.7
2016	7.2	19.0	1.8	11.0	20.8	144.4
2017	7.5	21.9	1.7	11.4	20.2	145.0

¹Fresh vegetable consumption computed for total commercial production for fresh market. Does not include production for home use. Consumption obtained by dividing the total apparent consumption by total July 1 population as reported by the Bureau of the Census. All data for calendar year. ²After 1996, includes an ERS estimate of domestically produced hothouse tomatoes. Hothouse imports included in all years. ³Includes artichokes, eggplant, radishes, brussels sprouts, squash, green limas, and escarole/endive. Beginning in 2000, also includes collards, mustard greens, turnip greens, kale, okra, and pumpkins. ⁴Excludes melons, mushrooms, potatoes, and sweet potatoes.

ERS, Market and Trade Economics Division, (202) 694-5326.

Table 4-79.—Vegetables, canning: Per capita utilization (farm weight), United States, 2008–2017

Year	Cabbage	Asparagus	Snap beans	Carrots	Green peas
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	0.9	0.2	3.3	1.0	1.1
2009	0.9	0.2	3.6	0.9	1.3
2010	1.0	0.1	3.7	0.7	1.1
2011	1.0	0.1	3.2	0.8	0.8
2012	1.2	0.1	2.9	0.8	0.8
2013	1.1	0.1	2.9	0.8	0.9
2014	1.1	0.1	2.8	0.7	0.7
2015	1.2	0.1	2.9	0.7	0.8
2016	1.4	0.1	3.2	1.0	0.8
2017	1.4	0.1	3.1	1.1	0.6

Year	Tomatoes	Sweet corn	Pickling Cucumbers	Other ¹	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	67.1	6.7	3.5	2.6	92.7
2009	70.3	7.6	5.1	2.3	98.7
2010	70.8	6.9	3.7	2.5	97.1
2011	65.7	5.8	2.8	2.6	89.4
2012	66.5	5.9	3.0	2.7	91.0
2013	65.9	5.8	3.2	2.6	90.2
2014	67.2	5.8	3.9	2.5	92.0
2015	56.3	5.3	3.4	2.9	80.8
2016	61.5	5.2	3.1	3.0	87.1
2017	73.3	5.4	3.8	2.9	95.2

¹ Includes beets, green limas (1992-2014), spinach, and miscellaneous imports (1990-2014). ERS, Market and Trade Economics Division, (202) 694-5326.

Table 4-80.—Vegetables, freezing: Per capita utilization (farm weight basis), United States, 2008–2017

Year	Asparagus	Snap beans	Carrots	Peas	Broccoli
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	0.1	2.1	1.5	1.8	2.7
2009	0.1	1.9	1.5	1.7	2.5
2010	0.1	2.0	1.5	1.5	2.5
2011	0.1	1.5	1.6	1.6	2.7
2012	0.1	1.9	1.2	1.9	2.6
2013	0.1	2.1	1.7	1.5	2.5
2014	0.1	1.8	1.2	1.6	2.6
2015	0.1	1.9	1.4	1.5	2.6
2016	0.2	2.0	1.9	1.0	2.6
2017	0.1	1.9	2.3	1.2	2.4

Year	Cauliflower	Sweet Corn	Other ¹	Total vegetables excluding potatoes
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	0.4	9.2	4.0	21.9
2009	0.4	9.1	4.3	21.4
2010	0.4	8.5	4.5	20.9
2011	0.4	9.8	4.3	21.9
2012	0.3	9.8	4.5	22.3
2013	0.3	7.0	4.3	19.5
2014	0.4	7.7	4.6	19.8
2015	0.3	8.0	4.7	20.4
2016	0.4	7.9	4.6	20.6
2017	0.5	8.5	4.2	21.1

¹ Includes green lima beans, spinach, and miscellaneous freezing vegetables.
ERS, Market and Trade Economics Division, (202) 694-5326.

Table 4-81.—Commercially produced vegetables: Per capita utilization, United States, 2008–2017

Year	Farm weight equivalent						
	Total fresh and processed	Fresh ²	Processed				
			Total	Canning	Freezing	Potatoes	Others ¹
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2008	348.3	143.1	205.3	92.7	21.9	80.5	10.2
2009	348.8	141.3	207.5	98.7	21.4	76.7	10.7
2010	351.1	144.7	206.4	97.1	20.9	77.0	11.3
2011	341.8	141.9	199.9	89.4	21.9	76.3	12.2
2012	350.2	144.7	205.4	91.0	22.3	80.2	12.0
2013	340.4	140.9	199.5	90.2	19.5	78.8	11.0
2014	346.0	142.2	203.8	92.0	19.8	79.3	12.7
2015	336.9	141.7	195.2	80.8	20.4	81.2	12.9
2016	341.6	144.4	197.1	87.1	20.6	76.4	13.0
2017	356.1	145.0	211.1	95.2	21.1	82.4	12.4

Year	Percentage of annual total						
	Fresh ²	Processed					
		Total	Canning	Freezing	Potatoes	Others ¹	
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	
2008	41.1	58.9	26.6	6.3	23.1	2.9	
2009	40.5	59.5	28.3	6.1	22.0	3.1	
2010	41.2	58.8	27.7	6.0	21.9	3.2	
2011	41.5	58.5	26.2	6.4	22.3	3.6	
2012	41.3	58.7	26.0	6.4	22.9	3.4	
2013	41.4	58.6	26.5	5.7	23.2	3.2	
2014	41.1	58.9	26.6	5.7	22.9	3.7	
2015	42.1	57.9	24.0	6.1	24.1	3.8	
2016	42.3	57.7	25.5	6.0	22.4	3.8	
2017	40.7	59.3	26.7	5.9	23.1	3.5	

¹Others include mushrooms, sweet potatoes, and onions for dehydrating market. ²See table 4-78 for items included under Fresh category. Excludes melons.
ERS, Market and Trade Economics Division, (202) 694-5326.

Table 4-82.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 2016 and 2017

Month	Asparagus		Lima beans		Green beans, regular cut		Green beans, french style	
	2016	2017	2016	2017	2016	2017	2016	2017
<i>1,000 pounds</i>								
January	12,144	10,780	53,533	51,451	180,082	190,073	14,378	14,324
February	11,225	10,273	50,432	48,414	158,534	174,009	14,121	13,321
March	10,877	9,243	47,576	44,371	142,228	159,278	13,331	12,838
April	10,290	9,012	46,603	40,852	136,727	144,992	12,092	11,522
May	12,246	9,781	42,577	39,116	131,014	132,483	10,477	9,874
June	14,490	11,137	40,193	36,817	122,127	115,498	9,912	8,923
July	13,429	11,395	37,743	33,753	169,238	138,593	13,009	12,355
August	12,697	12,102	45,577	33,807	242,529	196,016	18,951	16,478
September	12,328	11,928	61,184	48,322	265,200	238,830	20,521	18,836
October	12,089	10,893	66,795	63,786	263,320	230,850	18,876	18,222
November	12,133	9,914	59,516	56,226	233,980	216,052	16,312	16,302
December	11,395	10,188	55,895	54,024	209,496	191,291	14,482	15,187
Month	Broccoli, spears		Broccoli, chopped & cut		Brussels sprouts		Carrots, diced	
	2016	2017	2016	2017	2016	2017	2016	2017
<i>1,000 pounds</i>								
January	24,480	24,405	38,275	46,006	18,028	23,187	159,472	145,245
February	26,498	26,382	35,525	43,333	16,367	22,721	148,175	127,999
March	26,783	32,156	34,633	40,864	14,363	20,508	142,072	119,945
April	33,170	31,070	35,389	39,286	13,801	19,588	129,994	114,784
May	29,783	30,890	34,273	36,102	13,785	18,428	116,769	107,957
June	27,727	30,877	37,574	31,521	13,061	16,253	99,573	97,296
July	28,986	28,038	40,191	34,386	13,569	14,379	95,109	86,068
August	27,355	27,541	44,837	39,995	12,265	14,101	83,701	79,758
September	25,951	24,817	41,996	37,178	11,564	13,415	85,034	75,024
October	25,119	26,515	41,969	34,739	15,110	16,126	125,903	109,489
November	24,068	22,921	41,462	33,388	18,241	17,219	173,404	152,316
December	21,870	23,877	42,915	32,738	22,021	21,878	161,641	142,941
Month	Carrots, other		Cauliflower		Corn, cut		Corn, cob	
	2016	2017	2016	2017	2016	2017	2016	2017
<i>1,000 pounds</i>								
January	163,079	171,689	25,971	28,913	488,940	463,549	216,834	197,123
February	154,349	157,377	24,669	28,826	479,571	414,754	198,513	177,461
March	144,494	152,193	23,833	29,002	412,766	371,774	164,351	150,107
April	141,373	143,200	23,236	27,679	381,312	316,608	135,956	128,032
May	132,722	129,246	23,443	27,497	339,900	275,307	112,977	101,904
June	119,896	112,691	22,634	28,013	289,897	220,012	91,597	73,922
July	109,006	100,623	21,690	28,703	301,633	216,938	97,354	74,754
August	113,894	106,683	18,853	26,193	464,716	377,400	177,551	181,921
September	117,326	118,442	19,651	25,043	587,865	519,847	223,337	278,137
October	163,522	144,425	26,266	33,584	600,062	568,117	250,261	297,466
November	197,013	160,556	26,986	32,655	552,697	521,589	227,305	286,139
December	191,102	164,466	27,325	34,083	522,396	479,654	207,064	257,185
Month	Mixed vegetables		Okra		Onion rings		Onions, other	
	2016	2017	2016	2017	2016	2017	2016	2017
<i>1,000 pounds</i>								
January	56,725	68,538	46,590	27,901	11,945	14,924	34,588	46,590
February	55,364	68,978	38,266	22,677	13,311	15,412	34,825	48,496
March	57,650	72,412	27,614	15,482	14,630	13,278	36,320	52,896
April	59,996	73,221	18,995	12,582	17,022	13,368	41,071	59,402
May	61,403	69,127	15,574	13,608	16,323	13,467	41,226	62,596
June	60,593	69,734	27,167	24,246	16,005	12,810	41,801	58,558
July	66,007	67,369	40,280	35,802	14,024	10,447	40,564	57,772
August	65,596	72,540	46,536	38,821	14,144	11,281	47,847	62,386
September	65,498	74,115	51,893	41,607	13,977	12,048	44,597	58,852
October	62,944	71,407	45,379	35,675	15,179	11,522	43,979	52,522
November	61,384	68,516	38,372	30,451	13,542	11,026	46,329	56,293
December	62,424	57,762	33,964	27,190	13,769	12,375	48,337	57,472

See footnote(s) at end of table.

Table 4-82.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 2016 and 2017—Continued

Month	Blackeye peas		Green peas		Peas & carrots mixed		Spinach	
	2016	2017	2016	2017	2016	2017	2016	2017
<i>1,000 pounds</i>								
January	2,245	1,806	251,096	294,248	7,409	7,052	46,300	52,754
February	2,249	1,758	225,590	267,497	7,783	7,082	48,937	53,051
March	2,222	1,440	195,128	238,263	8,168	7,843	51,476	55,467
April	1,740	1,477	166,005	205,494	8,970	8,829	54,104	64,293
May	1,674	1,308	173,146	191,203	8,308	8,820	58,234	69,307
June	1,377	1,804	360,749	322,460	8,348	8,989	57,913	68,427
July	1,511	1,728	455,262	428,002	8,125	8,965	55,714	66,484
August	1,332	1,900	437,827	410,645	8,462	8,685	54,125	61,732
September	1,650	2,048	401,126	381,666	8,570	8,985	50,834	55,186
October	1,243	2,015	361,786	342,202	8,046	9,184	53,179	54,843
November	1,629	1,564	343,397	305,457	6,640	8,819	53,268	55,327
December	1,600	1,484	323,820	277,206	6,884	7,914	54,850	50,731
Month	Squash		Southern greens		Other vegetables		Total frozen vegetables	
	2016	2017	2016	2017	2016	2017	2016	2017
<i>1,000 pounds</i>								
January	62,562	60,266	18,840	19,399	368,774	447,244	2,302,290	2,407,467
February	56,243	57,026	22,736	22,687	346,407	447,065	2,169,690	2,256,599
March	51,282	52,372	25,850	22,253	326,102	451,698	1,973,749	2,125,683
April	47,622	51,233	23,650	20,693	322,249	416,977	1,861,367	1,954,194
May	44,368	50,246	20,532	19,420	328,465	385,932	1,769,219	1,803,619
June	42,122	48,617	19,105	18,600	331,768	397,044	1,855,629	1,814,249
July	45,836	44,080	19,858	19,238	340,474	418,221	2,028,612	1,938,093
August	52,030	48,758	18,049	18,517	405,041	518,807	2,413,915	2,366,067
September	57,591	52,799	17,474	16,027	441,482	618,682	2,626,649	2,731,834
October	64,452	59,392	15,574	13,036	476,689	660,094	2,757,742	2,866,104
November	66,882	66,595	16,668	12,334	463,852	646,967	2,695,080	2,788,626
December	64,176	66,948	18,899	12,803	453,978	626,616	2,570,303	2,626,013
Month	Frozen potatoes							
	French fries		Other frozen potatoes		Total frozen potatoes			
	2016	2017	2016	2017	2016	2017		
<i>1,000 pounds</i>								
January	813,623	952,318	208,060	243,361	1,021,683	1,195,679		
February	814,417	957,302	231,625	253,280	1,046,042	1,210,582		
March	824,643	950,310	247,546	262,027	1,072,189	1,212,337		
April	832,264	949,450	262,764	270,257	1,095,028	1,219,707		
May	832,319	937,978	289,839	271,298	1,122,158	1,209,276		
June	889,492	954,888	286,296	275,721	1,175,788	1,230,609		
July	882,810	922,100	266,218	279,584	1,149,028	1,201,684		
August	904,433	919,604	256,089	270,595	1,160,522	1,190,199		
September	969,743	976,777	247,418	260,202	1,217,161	1,236,979		
October	1,000,935	1,002,723	252,524	270,789	1,253,459	1,273,512		
November	927,791	1,010,300	252,691	263,835	1,180,482	1,274,135		
December	893,453	940,958	231,118	242,085	1,124,571	1,183,043		

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