

## 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, principal: Fresh Market and Processing, Area Harvested, Production, and Value, by State and United States, 2016–2018**

State	Area harvested			Total production		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Alabama .....	3,500	5,400	5,900	329.0	756.0	619.5
Arizona .....	125,200	127,000	(D)	35,613.6	35,019.0	(D)
California .....	1,062,500	1,039,900	994,200	482,377.7	437,802.4	453,691.1
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	165,900	172,700	176,700	33,487.0	38,117.5	34,316.0
Georgia .....	94,800	91,900	95,400	20,426.0	21,770.6	17,731.3
Idaho .....	17,900	16,400	12,300	12,244.0	9,491.5	7,827.0
Illinois .....	55,300	46,100	38,850	10,537.0	9,204.2	7,980.0
Indiana .....	31,300	27,800	28,000	9,930.5	9,018.2	10,219.2
Maryland .....	18,800	(D)	(D)	2,997.4	(D)	(D)
Michigan .....	109,500	107,500	101,900	18,493.0	19,181.6	16,683.2
Minnesota .....	167,300	165,100	160,600	18,443.3	21,166.5	17,454.8
Missouri .....	2,700	3,000	(D)	1,053.0	(D)	705.0
New Jersey .....	28,800	28,800	28,500	4,121.2	4,197.4	3,533.3
New Mexico .....	14,800	14,700	14,400	4,930.0	6,082.0	4,997.0
New York .....	92,800	90,100	88,900	12,911.0	15,265.9	12,774.8
North Carolina .....	38,000	37,300	36,500	6,684.9	7,458.6	6,614.5
Ohio .....	23,100	21,300	21,500	4,900.0	4,732.5	4,913.0
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania .....	29,100	27,650	26,800	2,711.3	2,731.1	2,034.0
South Carolina .....	10,600	(D)	10,300	3,060.0	(D)	2,501.4
Tennessee .....	15,200	11,300	12,700	2,068.8	1,786.9	1,626.6
Texas .....	64,600	67,600	62,000	16,485.5	14,692.5	16,304.3
Virginia .....	(D)	6,000	5,800	(D)	1,418.8	1,143.2
Washington .....	163,400	154,300	144,100	45,659.4	43,145.8	40,206.3
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	301,050	310,630	432,750	57,991.6	59,577.1	89,627.4
United States .....	2,636,150	2,572,480	2,498,100	807,455.2	763,321.1	752,797.9
State	Utilized production			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama .....	329.0	756.0	615.2	4,442	16,659	15,379
Arizona .....	35,613.6	35,019.0	(D)	1,310,023	1,635,572	(D)
California .....	482,377.7	432,410.5	451,435.6	7,709,668	8,561,502	7,354,601
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	33,487.0	37,647.7	33,406.5	1,091,277	1,078,197	1,121,981
Georgia .....	20,426.0	21,376.3	17,702.3	447,109	476,744	452,589
Idaho .....	10,771.2	9,390.5	7,808.6	75,346	85,740	60,831
Illinois .....	10,537.0	9,069.0	7,949.0	86,087	43,077	39,577
Indiana .....	9,930.5	9,017.2	10,206.6	101,818	96,292	97,104
Maryland .....	2,997.4	(D)	(D)	38,233	(D)	(D)
Michigan .....	18,493.0	19,166.0	16,633.1	286,433	301,363	273,314
Minnesota .....	18,430.1	21,027.4	17,430.1	105,154	110,856	116,288
Missouri .....	1,053.0	702.2	(D)	12,192	8,445	(D)
New Jersey .....	4,120.5	4,188.9	3,262.7	158,862	162,394	138,376
New Mexico .....	4,930.0	6,082.0	4,997.0	145,493	129,043	121,691
New York .....	12,911.0	14,782.0	12,538.4	270,318	246,805	209,556
North Carolina .....	6,684.9	7,351.4	6,506.4	177,098	170,273	145,105
Ohio .....	4,900.0	4,707.5	4,899.0	109,222	94,499	103,222
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania .....	2,711.3	2,678.5	1,982.2	69,123	76,175	60,639
South Carolina .....	3,060.0	(D)	2,495.3	68,462	(D)	68,470
Tennessee .....	2,068.8	1,759.2	1,584.1	78,190	76,431	66,984
Texas .....	16,338.8	14,456.0	16,181.7	240,298	283,237	305,255
Virginia .....	(D)	1,413.9	1,104.3	(D)	54,146	38,630
Washington .....	42,940.2	41,868.9	39,330.3	427,937	368,660	353,031
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	55,668.9	59,496.2	89,316.2	612,193	591,782	1,744,074
United States .....	800,779.9	754,366.3	747,384.6	13,624,978	14,667,892	12,886,697

(D) Withheld to avoid disclosing data for individual operations. <sup>1</sup> Includes data withheld above.  
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**Table 4-2.— Artichokes for fresh market and processing: Area, yield, production, value, and total value, United States, 2009-2018**

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>
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
2018 .....	6,900	145	1,000	63.00	63,032

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, 2016-2018 includes utilized production.  
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**Table 4-3.—Asparagus for Fresh Market and Processing: Area planted and harvested, yield, production, price and value - State and United States, 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
California .....	9,400	8,300	6,200	9,000	8,000	6,000
Michigan .....	11,400	12,000	10,000	10,400	11,300	9,500
New Jersey .....	2,200	2,200	2,200	2,100	2,100	2,100
Washington .....	4,600	5,100	4,500	4,400	4,900	4,100
United States .....	27,600	27,600	22,900	25,900	26,300	21,700
State	Yield per acre			Utilized Production		
	2016	2017	2018	2016	2017	2018
	<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 .....	24.0	25.0	30.0	216.0	200.0	180.0
Michigan .....	25.0	27.0	28.0	260.0	305.1	266.0
New Jersey .....	40.0	34.0	33.0	84.0	71.4	69.3
Washington .....	62.0	54.0	65.0	272.8	264.6	266.5
United States .....	32.2	32.0	36.0	832.8	841.1	781.8
State	Price per cwt			Value of Production		
	2016	2017	2018	2016	2017	2018
	<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 .....	141.00	175.00	149.00	30,456	34,650	26,552
Michigan .....	87.70	85.70	87.50	22,801	26,136	23,275
New Jersey .....	171.00	183.00	167.00	14,330	13,054	11,562
Washington .....	88.40	101.00	100.00	24,102	26,832	26,195
United States .....	110.00	120.00	113.00	91,689	100,672	87,584

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**Table 4-4.—Asparagus for Fresh Market and Processing: Production, price and value by utilization - States and United States, 2016–2018**

Utilization and State	Utilized Production		
	2016	2017	2018
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Fresh market			
California .....	216.0	198.0	178.2
Michigan .....	(D)	144.0	133.0
New Jersey .....	83.8	(D)	(D)
Washington .....	(D)	(D)	(D)
Other States <sup>1</sup> .....	349.6	311.0	306.4
United States .....	649.4	653.0	617.6
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Processing			
California .....	(D)	8,055	6,650
Michigan .....	(D)	(D)	(D)
New Jersey .....	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)
Other States <sup>1</sup> .....	9,162	1,252	1,202
United States .....	9,162	9,307	7,852
Utilization and State	Price per unit		
	2016	2017	2018
	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>	<i>Dollars per cwt</i>
Fresh market			
California .....	141.00	175.00	149.00
Michigan .....	(D)	92.00	95.00
New Jersey .....	171.00	(D)	(D)
Washington .....	(D)	(D)	(D)
Other States <sup>1</sup> .....	90.10	123.00	117.00
United States .....	117.00	132.00	122.00
	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Processing			
California .....	(X)	(X)	(X)
Michigan .....	(D)	1,600.00	1,600.00
New Jersey .....	(X)	(D)	(D)
Washington .....	(D)	(D)	(D)
Other States <sup>1</sup> .....	1,680.00	1,350.00	1,470.00
United States .....	1,680.00	1,570.00	1,580.00
Utilization and State	Value of utilized production		
	2016	2017	2018
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fresh market			
California .....	30,456	34,650	26,552
Michigan .....	(D)	13,248	12,635
New Jersey .....	14,330	(D)	(D)
Washington .....	(D)	(D)	(D)
Other States <sup>3</sup> .....	31,502	38,201	35,988
United States .....	76,288	86,099	75,175
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Processing			
California <sup>1</sup> .....	(D)	(D)	(D)
Michigan .....	(D)	12,888	10,640
New Jersey <sup>2</sup> .....	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)
Other States <sup>3</sup> .....	15,401	1,685	1,769
United States .....	15,401	14,573	12,409

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-5.—Snap Beans for Fresh Market and Processing: Area Harvested, Production, and Value - States and United States, 2016–2018**

State	Area harvested			Total production		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
California .....	7,000	7,600	7,900	840.0	798.0	908.5
Delaware .....	2,200	2,200	1,700	143.0	132.0	102.0
Florida .....	29,500	27,500	31,500	1,622.5	1,595.0	1,575.0
Georgia .....	13,400	10,600	11,900	737.0	646.6	559.3
Illinois .....	15,200	7,500	8,800	1,292.0	600.0	800.8
Indiana .....	3,000	2,400	2,600	273.0	187.2	187.2
Maryland .....	4,400	3,000	3,000	286.0	222.0	180.0
Michigan .....	18,400	17,800	18,200	1,674.4	1,780.0	1,365.0
Minnesota .....	5,000	4,700	2,800	365.0	493.5	215.6
New Jersey .....	2,700	2,600	2,700	91.8	101.4	118.8
New York .....	28,300	24,000	26,300	1,981.0	1,752.0	2,104.0
North Carolina .....	4,600	5,000	4,800	179.4	185.0	216.0
Oregon .....	12,100	11,900	11,500	1,633.5	1,547.0	1,437.5
Pennsylvania .....	9,400	7,200	8,700	535.8	482.4	513.3
Tennessee .....	10,200	6,300	7,100	652.8	384.3	269.8
Texas .....	2,200	6,700	2,800	121.0	402.0	196.0
Washington .....	2,900	2,600	3,200	266.8	205.4	246.4
Wisconsin .....	66,600	62,500	66,000	7,326.0	6,562.5	6,600.0
United States .....	237,100	212,100	221,500	20,021.0	18,076.3	17,595.2

  

State	Utilized production			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
California .....	840.0	796.4	908.5	57,689	55,532	69,008
Delaware .....	143.0	132.0	102.0	2,660	2,522	2,385
Florida .....	1,622.5	1,572.7	1,567.1	82,701	81,453	67,000
Georgia .....	737.0	646.6	559.3	28,435	20,124	28,025
Illinois .....	1,292.0	600.0	800.8	21,435	3,750	9,294
Indiana .....	273.0	187.2	187.2	4,806	2,893	3,123
Maryland .....	286.0	222.0	180.0	5,185	4,264	3,456
Michigan .....	1,674.4	1,778.2	1,365.0	32,263	25,898	21,520
Minnesota .....	365.0	488.6	215.4	3,804	3,153	4,714
New Jersey .....	91.3	101.4	117.6	3,386	4,539	5,986
New York .....	1,981.0	1,748.5	2,104.0	52,146	35,881	34,023
North Carolina .....	179.4	184.3	214.3	5,829	6,704	8,020
Oregon .....	1,622.1	1,547.0	1,437.5	17,419	27,429	23,596
Pennsylvania .....	535.8	482.4	511.8	9,075	10,220	9,472
Tennessee .....	652.8	382.4	265.5	25,239	12,580	10,544
Texas .....	118.1	402.0	196.0	1,249	3,618	5,723
Washington .....	262.0	205.4	246.4	4,968	8,770	7,856
Wisconsin .....	7,326.0	6,562.5	6,586.8	45,634	40,115	49,761
United States .....	20,001.4	18,039.6	17,565.2	403,923	349,445	363,506

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**Table 4-6.—Broccoli, fresh market and processing: Area, yield, production, value per hundredweight and per ton, and total value, United States, 2012-2018<sup>1</sup>**

Year	Total crop				
	Area harvested	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
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	171.0	22,466	37.70	846,595
2017 .....	128,600	158.5	20,384	45.40	925,716
2018 .....	113,900	151.7	17,273	42.80	738,527

  

Year	Fresh market			Processing		
	Utilized Production	Value <sup>2</sup>		Utilized Production	Value <sup>3</sup>	
		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 .....	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 .....	21,548.0	38.20	824,103	45,903	490.00	22,492
2017 .....	19,908.0	46.00	916,482	23,800	388.00	9,234
2018 .....	16,778.1	43.10	722,789	24,746	636.00	15,738

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. <sup>2</sup> Price and value at point of first sale. <sup>3</sup> Price and value at processing plant door.  
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**Table 4-7.—Broccoli: Area, production, and value, by State and United States, 2016-2018<sup>1</sup>**

State	Area harvested			Utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
Arizona .....	9,300	9,600	10,900	1,116.0	1,344.0	1,308.0			
California .....	122,000	119,000	103,000	21,350.0	19,040.0	15,965.0			
United States ....	131,300	128,600	113,900	22,466.0	20,384.0	17,273.0			
State	Price per cwt			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>Dollars</i>			<i>1,000 dollars</i>					
Arizona .....	64.70	56.20	45.20	72,205	75,533	59,122			
California .....	36.30	44.70	42.60	774,390	850,183	679,405			
United States ....	37.70	45.40	42.80	846,595	925,716	738,527			
Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
Arizona .....	1,116.0	1,344.0	1,308.0	64.70	56.20	45.20	72,205	75,533	59,122
California .....	20,432.0	18,564.0	15,470.1	36.80	45.30	42.90	751,898	840,949	663,667
United States ....	21,548.0	19,908.0	16,778.1	38.20	46.00	43.10	824,103	916,482	722,789
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Arizona .....				(X)	(X)	(X)			-
California .....	45,903	23,800	24,746	490.00	388.00	636.00	22,492	9,234	15,738
United States ....	45,903	23,800	24,746	490.00	388.00	636.00	22,492	9,234	15,738

(X) Not applicable. <sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.  
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**Table 4-8.—Cabbage for fresh market and processing: Area Harvested, production, and value, by State and United States, 2016–2018**

State	Area harvested			Total production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
Arizona .....	3,700	3,300	3,300	1,591.0	1,666.5	1,650.0			
California .....	14,400	14,500	14,200	5,760.0	5,510.0	4,828.0			
Florida .....	7,900	8,600	8,900	2,686.0	3,096.0	3,204.0			
Georgia .....	4,100	3,800	2,900	1,558.0	1,596.0	1,160.0			
Michigan .....	3,500	3,900	3,700	1,155.0	1,326.0	1,295.0			
New York .....	10,600	12,700	10,100	4,081.0	5,270.5	4,040.0			
North Carolina ..	2,900	2,700	2,800	710.5	756.0	644.0			
Texas .....	5,700	6,000	5,000	1,995.0	1,800.0	1,350.0			
Wisconsin .....	4,000	5,100	3,300	2,660.0	2,805.0	1,336.5			
United States ....	56,800	60,600	54,200	22,196.5	23,826.0	19,507.5			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
Arizona .....	1,591.0	1,666.5	1,650.0	50,435	29,164	33,495			
California .....	5,760.0	5,510.0	4,828.0	158,976	158,625	181,533			
Florida .....	2,686.0	3,065.0	3,172.0	49,422	47,508	62,806			
Georgia .....	1,558.0	1,596.0	1,160.0	21,968	20,583	14,845			
Michigan .....	1,155.0	1,326.0	1,295.0	15,987	14,619	14,327			
New York .....	4,081.0	5,270.5	3,918.8	70,962	74,434	54,217			
North Carolina ..	710.5	756.0	606.0	13,073	11,416	10,120			
Texas .....	1,995.0	1,800.0	1,350.0	35,910	32,040	27,405			
Wisconsin .....	2,660.0	2,805.0	1,336.5	31,721	42,918	10,698			
United States ....	22,196.5	23,795.0	19,316.3	448,454	431,307	409,446			
State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
Arizona .....	1,591.0	(D)	(D)	31.70	(D)	(D)	50,435	(D)	(D)
California .....	5,760.0	(D)	4,828.0	27.60	(D)	37.60	158,976	(D)	181,533
Florida .....	2,686.0	3,065.0	3,172.0	18.40	15.50	19.80	49,422	47,508	62,806
Georgia .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	686.4	(D)	(D)	14.00	(D)	(D)	9,610
New York .....	(D)	4,653.9	3,757.2	(D)	15.00	14.00	(D)	69,809	52,601
North Carolina ..	710.5	756.0	606.0	18.40	15.10	16.70	13,073	11,416	10,120
Texas .....	1,995.0	1,800.0	1,350.0	18.00	17.80	20.30	35,910	32,040	27,405
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> ...	6,175.8	9,490.0	2,991.3	16.60	24.20	17.90	102,708	229,785	53,572
United States ....	18,918.3	19,764.9	17,390.9	21.70	19.80	22.90	410,524	390,558	397,647
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Arizona .....	(D)	(D)	(X)	(D)	(D)	(D)	(D)	(D)	(D)
California .....	(D)	(D)	(X)	(D)	(D)	(X)	(D)	(D)	(D)
Florida .....	(D)	(D)	(X)	(D)	(D)	(X)	(D)	(D)	(D)
Georgia .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	30,433	(D)	(D)	155.00	(D)	(D)	4,717
New York .....	(D)	30,832	8,080	(D)	150.00	200.00	(D)	4,625	1,616
North Carolina ..	(D)	(D)	(D)	(X)	(X)	(X)	(D)	(D)	(D)
Texas .....	(D)	(D)	(D)	(X)	(X)	(X)	(D)	(D)	(D)
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> ...	163,908	170,681	57,761	231.00	212.00	94.60	37,930	36,124	5,466
United States ....	163,908	201,513	96,274	231.00	202.00	123.00	37,930	40,749	11,799

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

**Table 4-9.—Cantaloupes for fresh market: Area Harvested, production, and value, by State and United States, 2016–2018**

State	Area harvested			Yield per acre		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>1,000 cwt</i>		
Arizona .....	15,900	15,700	16,300	235.0	225.0	230.0
California .....	29,500	34,300	31,500	300.0	275.0	265.0
Florida .....	2,300	2,200	(D)	270.0	260.0	(D)
Georgia .....	4,000	4,500	(D)	170.0	140.0	(D)
Indiana .....	1,700	1,500	1,700	185.0	230.0	225.0
North Carolina ..	1,100	1,200	1,200	188.0	205.0	255.0
Pennsylvania ....	1,000	950	900	135.0	145.0	120.0
South Carolina ..	1,600	900	(D)	215.0	310.0	(D)
Texas .....	1,900	2,000	2,000	125.0	110.0	110.0
Other States <sup>1</sup> ...	.....	.....	7,100	(X)	(X)	210.0
United States ....	59,000	63,250	60,700	256.4	243.4	240.6
State	Total production			Utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 dollars</i>		
Arizona .....	3,736.5	3,532.5	3,749.0	3,736.5	3,532.5	3,749.0
California .....	8,850.0	9,432.5	8,347.5	8,850.0	9,432.5	8,347.5
Florida .....	621.0	572.0	(D)	621.0	572.0	(D)
Georgia .....	680.0	630.0	(D)	680.0	630.0	(D)
Indiana .....	314.5	345.0	382.5	314.5	345.0	382.5
North Carolina ..	206.8	246.0	306.0	206.8	246.0	302.9
Pennsylvania ....	135.0	137.8	108.0	135.0	135.0	106.9
South Carolina ..	344.0	279.0	(D)	344.0	279.0	(D)
Texas .....	237.5	220.0	220.0	237.5	220.0	220.0
Other States <sup>1</sup> ...	.....	.....	1,494.0	.....	.....	1,494.0
United States ....	15,125.3	15,394.8	14,607.0	15,125.3	15,392.0	14,602.8
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>Dollars</i>			<i>1,000 dollars</i>		
Arizona .....	16.90	23.90	23.20	63,147	84,427	86,977
California .....	16.10	16.50	22.50	142,485	155,636	187,819
Florida .....	19.10	18.00	(D)	11,861	10,296	(D)
Georgia .....	19.10	24.60	(D)	12,988	15,498	(D)
Indiana .....	23.00	24.00	22.50	7,234	8,280	8,606
North Carolina ..	32.00	26.00	15.00	6,618	6,396	4,544
Pennsylvania ....	27.00	32.90	38.80	3,645	4,442	4,148
South Carolina ..	21.40	20.50	(D)	7,362	5,720	(D)
Texas .....	22.00	24.00	23.00	5,225	5,280	5,060
Other States <sup>1</sup> ...	(X)	(X)	26.90	.....	.....	34,388
United States ....	17.20	19.20	22.70	260,565	295,975	331,542

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above.  
NASS, Crops Branch, (202) 720-2127.



**Table 4-10.—Carrot for fresh market and processing: Area Harvested, production, and value, by State and United States, 2016–2018**

State	Area harvested			Total production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
California .....	60,000	58,500	64,300	23,100.0	21,645.0	25,720.0			
Michigan .....	3,900	4,000	4,000	1,326.0	1,480.0	1,520.0			
Texas .....	2,000	1,900	1,600	590.0	456.0	400.0			
Washington .....	7,100	7,000	5,900	4,473.0	4,900.0	3,658.0			
Wisconsin .....	4,500	4,500	4,000	2,250.0	2,520.0	1,720.0			
United States ....	77,500	75,900	79,800	31,739.0	31,001.0	33,018.0			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
California .....	23,100.0	21,645.0	25,642.8	722,395	635,624	686,189			
Michigan .....	1,326.0	1,480.0	1,520.0	12,700	14,948	14,456			
Texas .....	590.0	456.0	400.0	6,608	4,771	3,785			
Washington .....	4,473.0	4,900.0	3,658.0	34,528	31,966	19,982			
Wisconsin .....	2,250.0	2,515.0	1,714.8	10,588	8,820	7,092			
United States ....	31,739.0	30,996.0	32,935.6	786,819	696,129	731,504			
Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
California .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	410.4	(D)	(D)	19.00	(D)	(D)	7,798
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	13.5	2.5	3.4	110.00	111.00	138.00	1,485	278	469
Other States <sup>1</sup> ...	22,234.1	20,854.0	24,177.7	32.10	30.10	27.50	713,589	628,564	663,716
United States ....	22,247.6	20,856.5	24,591.5	32.10	30.20	27.30	715,074	628,842	671,983
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
California .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	55,480	(D)	(D)	120.00	(D)	(D)	6,658
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	111,825	125,622	85,570	81.40	68.00	77.40	9,103	8,542	6,623
Other States <sup>1</sup> ...	362,747	381,351	276,157	173.00	154.00	167.00	62,642	58,745	46,240
United States ....	474,572	506,973	417,207	151.00	133.00	143.00	71,745	67,287	59,521

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

**Table 4-11.—Cauliflower for fresh market and processing: Area harvested, yield, production, and value, United States, 2009-2018<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total <sup>3</sup>
	<i>Acres</i>	<i>1,000 cwt</i>	<i>cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009 .....	38,600	186	7,167	44.00	315,551
2010 .....	38,460	184	7,087	41.70	295,186
2011 .....	36,430	183	6,649	46.00	305,539
2012 .....	36,070	185	6,690	35.80	239,203
2013 .....	36,830	181	6,662	44.30	295,450
2014 .....	35,070	181	6,361	49.80	316,937
2015 .....	37,210	176	6,559	61.30	401,747
2016 .....	41,900	178.1	7,461.0	55.70	415,761
2017 .....	45,800	198.1	9,074.5	45.90	415,737
2018 .....	43,900	211.5	9,286.0	45.80	425,350

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.

<sup>1</sup>Includes heading (cauliflower) broccoli. <sup>2</sup>Price and value at point of first sale. <sup>3</sup>Beginning in 2016, value of utilized production.

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

**Table 4-12.—Cauliflower for fresh market and processing: Area harvested, production, and value, by State and United States, 2016-2018**

State	Area harvested			Total Production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
Arizona .....	5,400	5,700	6,100	891.0	1,054.5	1,159.0			
California .....	36,500	40,100	37,800	6,570.0	8,020.0	8,127.0			
United States ....	41,900	45,800	43,900	7,461.0	9,074.5	9,286.0			
State	Utilized production			Value of total production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
Arizona .....	891.0	1,054.5	1,159.0	70,707	86,153	79,739			
California .....	6,570.0	7,995.9	8,118.9	345,054	329,584	345,611			
United States ....	7,461.0	9,050.4	9,277.9	415,761	415,737	425,350			
Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
Arizona .....	(D)	1,054.5	(D)	(D)	81.70	(D)	(D)	86,153	(D)
California .....	(D)	7,635.0	(D)	(D)	42.00	(D)	(D)	320,670	(D)
Other States <sup>1</sup> ...	7,283.1	.....	9,099.1	55.90	(X)	46.10	406,956	.....	419,575
United States ....	7,283.1	8,689.5	9,099.1	55.90	46.80	46.10	406,956	406,823	419,575
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Arizona .....	(D)	.....	(D)	(D)	(X)	(D)	(D)	.....	(D)
California .....	(D)	18,045	(D)	(D)	494.00	(D)	(D)	8,914	(D)
Other States <sup>1</sup> ...	8,897	.....	8,940	990.00	(X)	646.00	8,805	.....	5,775
United States ....	8,897	18,045	8,940	990.00	494.00	646.00	8,805	8,914	5,775

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup>Includes data withheld above.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-13.—Celery for fresh market and processing: Area harvested, yield, production, price, and value, United States, 2012–2018<sup>1</sup>**

Year	Area harvested	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt	Total
	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
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 .....	33,100	534	17,676	18.10	319,321
2017 .....	31,800	505.9	16,089	20.10	322,047
2018 .....	30,200	589.4	17,799	25.00	444,113

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.

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

**Table 4-14.—Celery for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
California .....	31,200	29,700	28,300	16,536.0	14,850.0	16,697.0			
Michigan .....	1,900	2,100	1,900	1,140.0	1,239.0	1,102.0			
United States ....	33,100	31,800	30,200	17,676.0	16,089.0	17,799.0			
State	Utilized production			Value of total production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
California .....	16,536.0	14,805.5	16,680.3	303,355	305,411	305,411			
Michigan .....	1,140.0	1,239.0	1,102.0	15,966	16,636	16,636			
United States ....	17,676.0	16,044.5	17,782.3	319,321	322,047	322,047			
Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
California .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> ...	16,800	15,381.8	16,545.5	18.50	20.50	25.90	310,449	315,484	429,059
United States ....	16,800	15,381.8	16,545.5	18.50	20.50	25.90	310,449	315,484	429,059
Processing									
California .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> ...	43,810	33,136	61,839	203	198.00	242.00	8,872	6,563	14,954
United States ....	43,810	33,136	61,839	203	198.00	242.00	8,872	6,563	14,954

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

**Table 4-15.—Sweet corn for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>1,000 cwt</i>		
California .....	34,900	33,500	32,800	5,933.0	6,365.0	5,904.0
Delaware .....	9,800	10,800	11,200	1,225.0	1,512.0	1,512.0
Florida .....	34,500	39,000	39,700	5,002.5	5,460.0	4,764.0
Georgia .....	26,000	25,100	29,000	3,900.0	4,016.0	4,350.0
Idaho .....	4,200	3,900	3,900	462.0	429.0	351.0
Illinois .....	14,600	14,200	14,600	2,117.0	1,917.0	1,825.0
Indiana .....	5,000	3,900	4,100	360.0	351.0	389.5
Maryland .....	7,200	7,100	8,100	1,116.0	887.5	972.0
Michigan .....	9,200	9,100	9,100	855.6	910.0	837.2
Minnesota .....	114,000	112,600	110,600	15,960.0	18,579.0	15,484.0
New Jersey .....	6,400	6,300	6,400	550.4	611.1	556.8
New York .....	26,600	25,700	26,600	2,527.0	3,341.0	2,793.0
Ohio .....	10,000	9,000	9,100	820.0	810.0	864.5
Oregon .....	24,900	23,900	28,900	4,855.5	4,541.0	5,924.5
Pennsylvania ....	10,800	11,600	10,600	702.0	742.4	604.2
Washington .....	80,000	74,000	72,000	16,000.0	15,540.0	16,560.0
Wisconsin .....	60,300	54,900	56,400	10,251.0	9,662.4	9,588.0
United States ....	478,400	464,600	473,100	72,637.0	75,674.4	73,279.7
	Utilized production			Value of total production		
State	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 dollars</i>		
California .....	5,933.0	6,365.0	5,904.0	163,751	196,042	170,626
Delaware .....	1,225.0	1,512.0	1,512.0	14,262	19,439	16,633
Florida .....	5,002.5	5,460.0	4,764.0	160,080	158,340	142,920
Georgia .....	3,900.0	3,935.7	4,345.7	87,750	98,393	111,684
Idaho .....	462.0	427.7	347.5	10,352	11,548	12,163
Illinois .....	2,117.0	1,917.0	1,825.0	16,962	11,792	13,763
Indiana .....	360.0	351.0	389.5	11,160	9,126	8,959
Maryland .....	1,116.0	883.1	972.0	13,121	11,647	13,994
Michigan .....	855.6	910.0	837.2	21,818	20,930	19,256
Minnesota .....	15,960.0	18,467.5	15,468.5	73,592	79,361	81,899
New Jersey .....	550.4	607.4	542.9	15,983	18,334	13,868
New York .....	2,527.0	3,307.6	2,765.1	48,720	31,992	36,257
Ohio .....	820.0	801.1	864.5	26,896	20,829	23,342
Oregon .....	4,855.5	4,541.0	5,924.5	43,343	36,283	44,492
Pennsylvania ....	702.0	737.2	590.9	25,182	28,488	24,745
Washington .....	16,000.0	15,493.4	16,560.0	88,691	94,772	84,080
Wisconsin .....	10,251.0	9,652.7	9,588.0	48,958	44,863	40,181
United States ....	72,637.0	75,369.4	73,201.3	870,621	892,179	858,862

See footnote(s) at end of table.

**Table 4-15.—Sweet corn for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018—Continued**

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
<b>Fresh Market</b>									
California .....	5,933.0	6,365.0	5,904.0	27.60	30.80	28.90	163,751	196,042	170,626
Delaware .....	(D)	423.4	362.9	(D)	31.00	30.00	(D)	13,125	10,887
Florida .....	5,002.5	5,460.0	4,764.0	32.00	29.00	30.00	160,080	158,340	142,920
Georgia .....	3,900.0	3,935.7	4,345.7	22.50	25.00	25.70	87,750	98,393	111,684
Idaho .....	(D)	(D)	347.5	(D)	(D)	35.00	(D)	(D)	12,163
Illinois .....	296.4	210.9	310.3	34.50	25.90	27.00	10,226	5,462	8,378
Indiana .....	360.0	351.0	389.5	31.00	26.00	23.00	11,160	9,126	8,959
Maryland .....	(D)	353.2	335.3	(D)	26.00	33.00	(D)	9,183	11,065
Michigan .....	855.6	910.0	837.2	25.50	23.00	23.00	21,818	20,930	19,256
Minnesota .....	351.1	668.8	588.4	34.00	33.50	46.00	11,937	22,405	27,066
New Jersey .....	478.8	509.7	(D)	32.50	35.00	(D)	15,561	17,840	(D)
New York .....	(D)	795.2	1,027.8	(D)	28.70	28.60	(D)	22,822	29,395
Ohio .....	820.0	801.1	864.5	32.80	26.00	27.00	26,896	20,829	23,342
Oregon .....	(D)	454.1	521.4	(D)	29.50	27.30	(D)	13,396	14,234
Pennsylvania .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	448.0	808.1	447.1	24.40	35.50	43.90	10,931	28,688	19,628
Wisconsin .....	574.1	405.8	326.0	27.80	30.80	26.80	15,960	12,499	8,737
Other States <sup>1</sup> ...	4,017.5	1,161.2	996.8	29.30	34.50	38.00	117,771	40,008	37,910
United States ....	23,037.0	23,613.2	22,368.4	28.40	29.20	29.30	653,841	689,088	656,250
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
<b>Processing</b>									
California .....				(X)	(X)	(X)			
Delaware .....	(D)	54,432	57,456	(D)	116.00	100.00	(D)	6,314	5,746
Florida .....				(X)	(X)	(X)			
Georgia .....				(X)	(X)	(X)			
Idaho .....	(D)	(D)		(D)	(D)	(X)	(D)	(D)	
Illinois .....	91,031	85,307	75,738	74.00	74.20	71.10	6,736	6,330	5,385
Indiana .....				(X)	(X)	(X)			
Maryland .....	(D)	26,492	31,833	(D)	93.00	92.00	(D)	2,464	2,929
Michigan .....				(X)	(X)	(X)			
Minnesota .....	780,444	889,934	744,006	79.00	64.00	73.70	61,655	56,956	54,833
New Jersey .....	3,578	4,889	(D)	118.00	101.00	(D)	422	494	(D)
New York .....	(D)	125,622	86,862	(D)	73.00	79.00	(D)	9,170	6,862
Ohio .....				(X)	(X)	(X)			
Oregon .....	(D)	204,345	270,157	(D)	112.00	112.00	(D)	22,887	30,258
Pennsylvania .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	777,600	734,265	805,644	100.00	90.00	80.00	77,760	66,084	64,452
Wisconsin .....	483,847	462,346	463,100	68.20	70.00	67.90	32,998	32,364	31,444
Other States <sup>1</sup> ...	343,499	186	6,850	108.00	151.00	103.00	37,209	28	703
United States ....	2,479,999	2,587,818	2,541,646	87.40	78.50	79.70	216,780	203,091	202,612

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-16.—Cucumbers for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
Alabama .....	3,500	5,400	5,900	329.0	756.0	619.5			
California .....	8,400	8,200	8,100	1,512.0	1,435.0	1,660.5			
Delaware .....	2,600	(D)	(D)	231.4	(D)	(D)			
Florida .....	21,700	25,900	24,900	3,906.0	5,309.5	4,233.0			
Georgia .....	8,200	9,500	9,400	1,927.0	1,662.5	1,410.0			
Michigan .....	40,400	37,500	34,400	5,454.0	5,625.0	4,128.0			
New Jersey .....	3,100	2,900	2,600	542.5	464.0	244.4			
North Carolina ..	10,800	10,500	9,600	1,512.0	1,680.0	1,488.0			
Ohio .....	2,100	2,000	1,900	252.0	340.0	294.5			
South Carolina ..	1,300	(D)	(D)	208.0	(D)	(D)			
Texas .....	6,400	6,100	4,900	672.0	610.0	475.3			
Wisconsin .....	6,200	5,900	5,100	775.0	737.5	612.0			
Other States <sup>1</sup> ...	.....	3,300	4,100	.....	293.3	285.2			
United States ....	114,700	117,200	110,900	17,320.9	18,912.8	15,450.4			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
Alabama .....	329.0	756.0	615.2	4,442	16,659	15,379			
California .....	1,512.0	1,435.0	1,660.5	34,289	35,485	43,649			
Delaware .....	231.4	(D)	(D)	3,620	(D)	(D)			
Florida .....	3,906.0	5,309.5	4,233.0	118,167	137,601	118,524			
Georgia .....	1,927.0	1,662.5	1,410.0	41,924	43,853	35,212			
Michigan .....	5,454.0	5,625.0	4,123.9	69,146	79,739	55,418			
New Jersey .....	542.5	463.1	240.7	13,645	16,431	7,028			
North Carolina ..	1,512.0	1,664.9	1,482.0	28,913	28,699	25,582			
Ohio .....	252.0	332.2	294.5	4,823	5,376	4,983			
South Carolina ..	208.0	(D)	(D)	4,842	(D)	(D)			
Texas .....	672.0	610.0	475.3	12,136	11,590	8,746			
Wisconsin .....	775.0	736.0	603.4	9,210	11,531	12,913			
Other States <sup>1</sup> ...	-	292.8	282.3	-	5,049	5,433			
United States ....	17,320.9	18,887.0	15,420.8	345,157	392,013	332,867			
Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
Alabama .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California .....	(D)	(D)	513.1	(D)	(D)	45.60	(D)	(D)	23,397
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	2,023.3	1,391.1	(D)	33.00	29.20	(D)	66,769	40,620	(D)
Georgia .....	1,797.9	(D)	(D)	21.80	(D)	(D)	39,194	(D)	(D)
Michigan .....	1,292.6	871.9	1,060.9	21.30	27.40	21.20	27,532	23,890	22,491
New Jersey .....	450.8	(D)	240.7	26.20	(D)	29.20	11,811	(D)	7,028
North Carolina ..	(D)	445.2	626.4	(D)	22.00	22.40	(D)	9,794	14,031
Ohio .....	(D)	72.4	88.4	(D)	32.10	27.80	(D)	2,324	2,458
South Carolina ..	177.0	(D)	(D)	23.80	(D)	(D)	4,213	(D)	(D)
Texas .....	134.4	122.0	95.1	22.30	25.00	24.00	2,997	3,050	2,282
Wisconsin .....	17.1	(D)	(D)	51.00	(D)	(D)	872	(D)	(D)
Other States <sup>1</sup> ...	1,390.2	2,126.1	2,970.9	24.90	32.10	29.80	34,638	68,209	88,433
United States ....	7,283.3	5,028.7	5,595.5	25.80	29.40	28.60	188,026	147,887	160,120

See footnote(s) at end of table.

**Table 4-16.—Cucumbers for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018—Continued**

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Alabama .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California .....	(D)	(D)	57,370	(D)	(D)	353.00	(D)	(D)	20,252
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	94,135	195,921	(D)	546.00	495.00	(D)	51,398	96,981	(D)
Georgia .....	6,455	(D)	(D)	423.00	(D)	(D)	2,730	(D)	(D)
Michigan .....	208,070	237,656	153,149	200.00	235.00	215.00	41,614	55,849	32,927
New Jersey .....	4,584	(D)	-	400.00	(D)	(X)	1,834	(D)	-
North Carolina ..	(D)	60,984	42,780	(D)	310.00	270.00	(D)	18,905	11,551
Ohio .....	(D)	12,988	10,308	(D)	235.00	245.00	(D)	3,052	2,525
South Carolina ..	1,550	(D)	(D)	406.00	(D)	(D)	629	(D)	(D)
Texas .....	26,880	24,400	19,012	340.00	350.00	340.00	9,139	8,540	6,464
Texas .....	37,898	(D)	(D)	220.00	(D)	(D)	8,338	(D)	(D)
Other States <sup>1</sup> ...	122,311	160,961	208,649	339.00	378.00	475.00	41,449	60,799	99,028
United States ....	501,883	692,910	491,268	313.00	352.00	352.00	157,131	244,126	172,747

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-17.—Garlic for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>1,000 cwt</i>		
California .....	30,100	33,000	32,800	4,515.0	5,115.0	5,740.0
United States ....	30,100	33,000	32,800	4,515.0	5,115.0	5,740.0
State	Utilized production			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 dollars</i>		
California .....	4,515.0	5,115.0	5,740.0	333,905	390,021	452,599
United States ....	4,515.0	5,115.0	5,740.0	333,905	390,021	452,599

  

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
California .....	1,485.4	1,754.4	2,009.0	184.00	184.00	190.00	273,314	322,810	381,710
United States ....	1,485.4	1,754.4	2,009.0	184.00	184.00	190.00	273,314	322,810	381,710
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
California .....	151,478	168,028	186,550	400.00	400.00	380.00	60,591	67,211	70,889
United States ....	151,478	168,028	186,550	400.00	400.00	380.00	60,591	67,211	70,889

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**Table 4-18.—Honeydew for fresh market: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Yield per acre		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>Cwt</i>		
California .....	12,100	11,600	14,900	325.0	290.0	310.0
United States ....	12,100	11,600	14,900	325.0	290.0	310.0
State	Total production			Utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 cwt</i>		
California .....	3,932.5	3,364.0	4,619.0	3,932.5	3,364.0	4,619.0
United States ....	3,932.5	3,364.0	4,619.0	3,932.5	3,364.0	4,619.0
State	Price			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
California .....	19.10	28.00	19.60	75,111	94,192	90,532
United States ....	19.10	28.00	19.60	75,111	94,192	90,532

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**Table 4-19.—Head lettuce for fresh market: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Yield per acre		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>Cwt</i>		
Arizona .....	36,800	39,200	38,600	345.0	315.0	310.0
California .....	105,500	101,500	81,700	390.0	365.0	350.0
United States ....	142,300	140,700	120,300	378.4	351.1	337.2
State	Total production			Utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 cwt</i>		
Arizona .....	12,696.0	12,348.0	11,966.0	12,696.0	12,348.0	11,966.0
California .....	41,145.0	37,047.5	28,595.0	41,145.0	37,047.5	28,595.0
United States ....	53,841.0	49,395.5	40,561.0	53,841.0	49,395.5	40,561.0
State	Price			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Arizona .....	38.50	45.90	37.90	488,796	566,773	453,511
California .....	23.00	32.60	26.80	946,335	1,207,749	766,346
United States ....	26.70	35.90	30.10	1,435,131	1,774,522	1,219,857

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**Table 4-20.—Leaf lettuce for fresh market: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Yield per acre		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>Cwt</i>		
Arizona .....	9,600	9,400	9,800	245.0	225.0	240.0
California .....	59,700	57,800	59,500	220.0	200.0	150.0
United States ....	69,300	67,200	69,300	223.5	203.5	162.7
State	Total production			Utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 cwt</i>		
Arizona .....	2,352.0	2,115.0	2,352.0	2,352.0	2,115.0	2,352.0
California .....	13,134.0	11,560.0	8,925.0	13,134.0	11,560.0	8,925.0
United States ....	15,486.0	13,675.0	11,277.0	15,486.0	13,675.0	11,277.0
State	Price			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Arizona .....	64.90	65.40	44.70	152,645	138,321	138,321
California .....	42.80	60.10	53.80	562,135	694,756	694,756
United States ....	46.20	60.90	51.90	714,780	833,077	833,077

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**Table 4-21.—Romaine lettuce for fresh market: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Yield per acre		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>Cwt</i>		
Arizona .....	26,200	27,200	26,900	330.0	340.0	330.0
California .....	78,900	90,200	72,700	320.0	300.0	280.0
United States ....	105,100	117,400	99,600	322.5	309.3	293.5
State	Total production			Utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 cwt</i>		
Arizona .....	8,646.0	9,248.0	8,877.0	8,646.0	9,248.0	8,877.0
California .....	25,248.0	27,060.0	20,356.0	25,248.0	27,060.0	20,152.4
United States ....	33,894.0	36,308.0	29,233.0	33,894.0	36,308.0	29,029.4
State	Price			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Arizona .....	32.30	55.50	37.50	279,266	513,264	332,888
California .....	29.80	41.20	28.20	752,390	1,114,872	568,298
United States ....	30.40	44.80	31.00	1,031,656	1,628,136	901,186

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**Table 4-22.—Onions for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
California .....	43,000	44,800	42,500	18,705.0	21,056.0	19,125.0			
Colorado .....	3,100	3,600	2,600	1,395.0	1,656.0	1,170.0			
Georgia .....	11,400	10,800	10,800	2,964.0	3,780.0	2,808.0			
Idaho .....	13,700	12,500	8,400	11,782.0	9,062.5	7,476.0			
New Mexico .....	6,100	7,100	6,500	3,538.0	4,828.0	3,575.0			
New York .....	7,000	6,900	7,200	2,170.0	3,036.0	2,160.0			
Oregon .....	23,500	24,500	19,300	18,120.0	16,163.5	15,494.0			
Malheur County ..	(D)	13,700	11,800	(D)	9,521.5	9,794.0			
All other counties	(D)	10,800	7,500	(D)	6,642.0	5,700.0			
Texas .....	9,200	11,500	11,000	2,714.0	2,990.0	3,300.0			
Washington .....	30,900	29,800	21,900	22,402.5	19,817.0	17,301.0			
United States .....	147,900	151,500	130,200	83,790.5	82,389.0	72,409.0			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
California .....	18,705.0	21,056.0	18,819.0	178,165	291,568	182,595			
Colorado .....	1,395.0	1,656.0	1,170.0	21,902	39,413	27,261			
Georgia .....	2,964.0	3,685.5	2,794.0	115,596	128,301	110,519			
Idaho .....	10,309.2	8,962.8	7,461.1	64,994	74,192	48,668			
New Mexico .....	3,538.0	4,828.0	3,575.0	94,465	84,490	67,925			
New York .....	2,170.0	2,620.1	2,108.2	46,655	50,682	41,042			
Oregon .....	15,853.9	16,154.0	15,288.3	242,676	138,036	100,339			
Malheur County ..	(D)	9,512.0	9,588.3	(D)	73,841	60,439			
All other counties	(D)	6,642.0	5,700.0	(D)	64,195	39,900			
Texas .....	2,575.6	2,990.0	3,234.0	64,301	73,913	61,380			
Washington .....	19,714.2	18,608.2	16,436.0	230,564	161,495	177,767			
United States .....	77,224.9	80,560.6	70,885.6	1,059,318	1,042,090	817,496			
Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
California .....	9,352.5	15,328.8	8,854.9	10.00	14.50	11.90	93,525	222,268	105,373
Colorado .....	1,395.0	1,656.0	(D)	15.70	23.80	(D)	21,902	39,413	(D)
Georgia .....	2,964.0	(D)	(D)	39.00	(D)	(D)	115,596	(D)	(D)
Idaho .....	7,116.3	7,023.4	5,308.0	6.80	9.10	7.10	48,391	63,913	37,687
New Mexico .....	3,538.0	4,828.0	3,575.0	26.70	17.50	19.00	94,465	84,490	67,925
New York .....	2,170.0	2,529.0	(D)	21.50	19.50	(D)	46,655	49,316	(D)
Oregon .....	8,750.1	9,585.2	(D)	21.30	8.69	(D)	186,363	83,323	(D)
Malheur County ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
All other counties	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Texas .....	2,562.0	(D)	(D)	25.00	(D)	(D)	64,050	(D)	(D)
Washington .....	13,822.3	(D)	12,110.7	13.10	(D)	12.00	181,072	(D)	145,328
Other States <sup>1</sup> .....	.....	19,435.6	18,543.5	(X)	16.70	16.10	.....	324,905	298,795
United States .....	51,670.2	60,386.0	48,392.1	16.50	14.40	13.50	852,019	867,628	655,108

See footnote(s) at end of table.

**Table 4-22.—Onions for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018—Continued**

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	Tons			Dollars per ton			1,000 dollars		
<b>Processing</b>									
California .....	467,625	286,362	498,206	181.00	242.00	155.00	84,640	69,300	77,222
Colorado .....			(D)	(X)	(X)	(D)			(D)
Georgia .....		(D)	(D)	(X)	(D)	(D)		(D)	(D)
Idaho .....	159,646	96,969	107,654	104.00	106.00	102.00	16,603	10,279	10,981
New Mexico .....				(X)	(X)	(X)			
New York .....		4,554	(D)	(X)	300.00	(D)		1,366	(D)
Oregon .....	355,188	328,440	(D)	159.00	167.00	(D)	56,313	54,713	(D)
Malheur County	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
All other counties	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Texas .....	679	(D)	(D)	370.00	(D)	(D)	251	(D)	(D)
Washington .....	294,593	(D)	216,263	168.00	(D)	150.00	49,492	(D)	32,439
Other States <sup>1</sup> .....		292,404	302,549	(X)	133.00	(D)		38,804	41,746
United States .....	1,277,731	1,008,729	1,124,672	162.00	173.00	144.00	207,299	174,462	162,388

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-23.—Green Peas for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production					
	2016	2017	2018	2016	2017	2018			
	Acres			1,000 cwt					
Illinois .....	6,600	5,600	4,000	297.0	207.2	168.0			
Minnesota .....	46,300	46,000	45,800	1,898.3	1,932.0	1,328.2			
New York .....	8,100	8,900	6,700	283.5	364.9	247.9			
Oregon .....	18,900	20,000	18,900	756.0	700.0	567.0			
Washington .....	32,300	31,200	32,400	1,615.0	1,840.8	1,782.0			
Wisconsin .....	27,100	22,500	23,300	1,273.7	967.5	978.6			
United States ....	139,300	134,200	131,100	6,123.5	6,012.4	5,071.7			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	1,000 cwt			1,000 dollars					
Illinois .....	297.0	207.2	168.0	4,047	2,223	2,477			
Minnesota .....	1,898.3	1,932.0	1,326.9	23,808	24,651	17,306			
New York .....	283.5	364.9	247.9	3,482	6,760	3,351			
Oregon .....	756.0	700.0	567.0	10,884	8,706	7,190			
Washington .....	1,615.0	1,840.8	1,780.2	27,593	28,772	22,766			
Wisconsin .....	1,273.7	967.5	978.6	13,007	14,363	11,811			
United States ....	6,123.5	6,012.4	5,068.6	82,821	85,475	64,901			
Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	1,000 cwt			Dollars per cwt			1,000 dollars		
<b>Fresh Market</b>									
Illinois .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....	1.9	1.9	(D)	104.00	73.10	(D)	198	139	(D)
New York .....	20.4	20.1	5.5	21.70	115.00	89.00	443	2,312	490
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	2.5	12.6	1.0	169.00	329.00	275.00	423	4,145	275
Other States <sup>1</sup> ...	32.2	66.1	3.9	150.00	75.60	173.00	4,836	4,999	675
United States ....	57.0	100.7	10.4	104.00	115.00	138.00	5,900	11,595	1,440

See footnote(s) at end of table.

**Table 4-23.—Green Peas for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018—Continued**

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Illinois .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....	94,820	96,503	(D)	249.00	254.00	(D)	23,610	24,512	(D)
New York .....	13,154	17,242	12,122	231.00	258.00	236.00	3,039	4,448	2,861
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	63,558	47,746	48,881	198.00	214.00	236.00	12,584	10,218	11,536
Other States <sup>1</sup> .....	131,789	134,093	191,913	286.00	259.00	256.00	37,688	34,702	49,064
United States .....	303,321	295,584	252,916	254.00	250.00	251.00	76,921	73,880	63,461

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

**Table 4-24.—Bell peppers for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>1,000 cwt</i>		
California .....	17,100	15,900	13,500	7,096.5	6,678.0	6,075.0
Florida .....	12,900	12,000	11,900	3,805.5	4,020.0	3,570.0
Georgia .....	3,200	3,400	3,200	960.0	986.0	848.0
Michigan .....	1,700	2,200	2,000	442.0	561.0	480.0
New Jersey .....	3,400	3,400	3,400	935.0	952.0	935.0
New York .....	900	900	1,400	261.0	103.5	154.0
North Carolina ..	2,300	2,100	2,000	575.0	567.0	400.0
Ohio .....	1,900	1,300	1,400	475.0	292.5	280.0
Pennsylvania ....	900	1,000	900	148.5	230.0	153.0
United States ....	44,300	42,200	39,700	14,698.5	14,390.0	12,895.0

  

State	Utilized production			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 dollars</i>		
California .....	7,096.5	6,504.4	6,075.0	226,411	282,452	210,007
Florida .....	3,805.5	4,020.0	3,570.0	125,962	188,940	180,642
Georgia .....	960.0	986.0	848.0	32,736	43,581	40,110
Michigan .....	442.0	561.0	480.0	16,354	15,318	18,220
New Jersey .....	935.0	951.0	929.4	29,520	39,381	39,726
New York .....	261.0	97.3	154.0	7,700	5,196	8,455
North Carolina ..	575.0	567.0	376.0	18,975	25,487	15,685
Ohio .....	475.0	292.5	280.0	21,279	11,700	12,040
Pennsylvania ....	148.5	213.9	151.8	7,063	13,522	8,422
United States ....	14,698.5	14,193.1	12,864.2	486,000	625,577	533,307

  

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
California .....	6,081.7	4,480.9	4,835.7	34.50	54.50	39.20	209,819	244,209	189,559
Florida .....	3,805.5	4,020.0	3,570.0	33.10	47.00	50.60	125,962	188,940	180,642
Georgia .....	960.0	986.0	848.0	34.10	44.20	47.30	32,736	43,581	40,110
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	696.6	(D)	865.8	36.90	(D)	44.80	25,705	(D)	38,788
New York .....	(D)	97.3	154.0	(D)	53.40	54.90	(D)	5,196	8,455
North Carolina ..	575.0	(D)	(D)	33.00	(D)	(D)	18,975	(D)	(D)
Ohio .....	(D)	(D)	280.0	(D)	(D)	43.00	(D)	(D)	12,040
Pennsylvania ....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> ...	1,301.4	2,419.7	981.1	39.60	42.40	42.30	51,600	102,575	41,468
United States ....	13,420.2	12,003.9	11,534.6	34.60	48.70	44.30	464,797	584,501	511,062

See footnote(s) at end of table.

**Table 4-24.—Bell peppers for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018—Continued**

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
California .....	50,740	101,172	61,965	327.00	378.00	330.00	16,592	38,243	20,448
Florida .....				(X)	(X)	(X)			
Georgia .....				(X)	(X)	(X)			
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	11,921	(D)	3,179	320.00	(D)	295.00	3,815	(D)	938
New York .....	(D)			(X)	(X)	(X)			
North Carolina .....		(D)	(D)	(X)	(D)	(D)		(D)	(D)
Ohio .....	(D)	(D)		(D)	(D)	(X)	(D)	(D)	
Pennsylvania .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	1,257	8,293	1,336	633.00	342.00	643.00	796	2,833	859
United States .....	63,918	109,465	66,480	332.00	375.00	335.00	21,203	41,076	22,245

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-25.—Chili peppers for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total Production		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>1,000 cwt</i>		
Arizona .....	1,600	1,200	1,100	121.6	78.0	66.0
California .....	5,600	4,800	2,700	2,548.0	1,872.0	1,039.5
New Mexico .....	8,700	7,600	7,900	1,392.0	1,254.0	1,422.0
Texas .....	2,300	2,400	2,500	115.0	132.0	137.5
United States ....	18,200	16,000	14,200	4,176.6	3,336.0	2,665.0

  

State	Utilized production			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 dollars</i>		
Arizona .....	121.6	78.0	66.0	4,439	2,039	2,660
California .....	2,548.0	1,872.0	1,039.5	82,921	58,874	29,468
New Mexico .....	1,392.0	1,254.0	1,422.0	51,028	44,553	53,766
Texas .....	109.6	132.0	137.5	6,576	8,096	8,873
United States ....	4,171.2	3,336.0	2,665.0	144,964	113,562	94,767

  

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
Arizona .....	8.0	(D)	(D)	22.50	(D)	(D)	180	(D)	(D)
California .....	1,620.5	280.8	187.1	34.20	44.20	43.60	55,421	12,411	8,158
New Mexico .....	261.7	263.3	270.2	39.50	30.00	37.00	10,337	7,899	9,997
Texas .....	65.2	(D)	(D)	60.00	(D)	(D)	3,912	(D)	(D)
Other States <sup>1</sup> .....		55.9	94.5	(X)	53.10	64.80		2,968	6,128
United States ....	1,955.4	600.0	551.8	35.70	38.80	44.00	69,850	23,278	24,283
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Arizona .....	5,679	(D)	(D)	750.00	(D)	(D)	4,259	(D)	(D)
California .....	46,374	79,560	42,620	593.00	584.00	500.00	27,500	46,463	21,310
New Mexico .....	56,515	49,533	57,591	720.00	740.00	760.00	40,691	36,654	43,769
Texas .....	2,220	(D)	(D)	1,200.00	(D)	(D)	2,664	(D)	(D)
Other States <sup>1</sup> .....		7,704	5,448	(X)	930.00	992.00		7,167	5,405
United States ....	110,788	136,797	105,659	678.00	660.00	667.00	75,114	90,284	70,484

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-26.—Potatoes: Area, yield, production, season average price, and value, United States, 2009–2018**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Season average price per cwt received by farmers	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>
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 .....	1,056.7	1,037.7	434	450,324	9.08	4,090,689
2017 .....	1,052.6	1,044.5	432	450,921	9.17	4,133,073
2018 .....	1,026.5	1,014.8	443	450,020	8.90	4,006,340

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**Table 4-27.—Potatoes: Area harvested, yield, and production by seasonal group, by State and United States, 2016–2018**

Season and State	Area harvested			Yield			Production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
<b>Spring:</b>									
California .....	30.4	33.5	31.0	390	435	395	11,856	14,573	12,245
Florida .....	22.9	28.7	20.8	235	250	265	5,382	7,175	5,512
United States .....	53.3	62.2	51.8	323	350	343	17,238	21,748	17,757
<b>Summer:</b>									
Illinois .....	7.4	8.1	7.6	380	410	375	2,812	3,321	2,850
Kansas .....	4.2	4.1	3.3	300	380	430	1,260	1,558	1,419
Maryland .....	(D)	2.5	2.0	(D)	365	255	(D)	913	510
Missouri .....	7.9	8.5	7.4	305	285	225	2,410	2,423	1,665
New Jersey .....	(D)	2.0	2.0	(D)	300	265	(D)	600	530
North Carolina .....	13.6	15.1	12.2	220	230	190	2,992	3,473	2,318
Texas .....	21.0	22.8	17.5	395	390	425	8,295	8,892	7,438
Virginia .....	4.1	4.5	4.4	290	265	235	1,189	1,193	1,034
Other States <sup>1</sup> .....	4.6	.....	.....	313	.....	.....	1,440	.....	.....
United States .....	62.8	67.6	56.4	325	331	315	20,398	22,373	17,764
<b>Fall:</b>									
Alaska <sup>2</sup> .....	(X)	(X)	0.5	(X)	(X)	280	(X)	(X)	140
California .....	7.9	8.2	7.3	445	405	440	3,516	3,321	3,212
Colorado .....	57.1	55.6	55.0	389	382	395	22,236	21,220	21,722
San Luis Valley ...	51.5	51.5	51.6	385	375	390	19,828	19,313	20,124
All other areas ...	5.6	4.1	3.4	430	465	470	2,408	1,907	1,598
Idaho .....	324.0	310.0	315.0	430	435	450	139,320	134,850	141,750
Maine .....	46.5	47.5	48.5	325	320	310	15,113	15,200	15,035
Michigan .....	47.0	49.5	48.0	370	370	380	17,390	18,315	18,240
Minnesota .....	43.0	45.5	43.5	400	405	430	17,200	18,428	18,705
Montana .....	11.0	11.1	11.1	335	340	350	3,685	3,774	3,885
Nebraska .....	16.4	19.0	19.3	450	475	480	7,380	9,025	9,264
New York .....	14.8	14.4	13.4	240	280	290	3,552	4,032	3,886
North Dakota .....	72.0	74.0	73.0	300	330	325	21,600	24,420	23,725
Oregon .....	44.9	45.9	45.0	590	550	600	26,491	25,245	27,000
Washington .....	169.0	164.0	160.0	625	605	630	105,625	99,220	100,800
Wisconsin .....	68.0	70.0	67.0	435	425	405	29,580	29,750	27,135
United States <sup>3</sup> .....	921.6	914.7	906.6	448	445	457	412,688	406,800	414,499
<b>All Potatoes:</b>									
United States <sup>3</sup> .....	1,037.7	1,044.5	1,014.8	434	432	443	450,324	450,921	450,020

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup>Includes data withheld above. <sup>2</sup>Previously included in Alaska table. <sup>3</sup>Beginning in 2018, United States total includes data for Alaska.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-28.—Fall potatoes: Stocks held by growers, local dealers, and processors <sup>1</sup> - 13 Fall States: 2017 and 2018 <sup>1</sup>**

State	Current year	Following year		
	Dec. 1, 2017	Feb. 1, 2018	Apr. 1, 2018	June 1, 2018
	<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 .....	19,800	13,300	8,300	3,500
Washington .....	57,000	45,000	29,000	13,000
Wisconsin .....	19,300	14,400	9,900	5,300
Other States <sup>2</sup> .....				2,000
United States .....	277,900	210,600	138,800	63,740
Klamath Basin <sup>3</sup> .....	5,000	3,300	1,800	(D)

  

State	Current year	Following year		
	Dec. 1, 2018	Feb. 1, 2019	Apr. 1, 2019	June 1, 2019
	<i>1,000 cwt</i>			
California .....	2,200	(D)	900	(D)
Colorado .....	15,600	11,600	7,600	3,000
Idaho .....	101,000	79,000	57,000	34,000
Maine .....	10,900	7,800	4,700	1,500
Michigan .....	10,500	6,700	3,400	300
Minnesota .....	12,800	9,700	6,700	4,200
Montana .....	3,700	3,600	3,100	70
Nebraska .....	5,000	3,700	2,300	(D)
New York .....	2,000	(D)	800	400
North Dakota .....	17,000	11,700	6,900	2,800
Oregon .....	21,100	14,500	9,800	3,900
Washington .....	57,500	46,000	29,500	14,800
Wisconsin .....	20,000	15,700	12,000	4,700
Other States <sup>2</sup> .....		2,800		700
United States .....	279,300	212,800	144,700	70,370
Klamath Basin <sup>3</sup> .....	5,100	(D)	1,700	(D)

(D) Withheld to avoid disclosing data for individual operations. <sup>1</sup> Stocks 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. <sup>2</sup> Includes data withheld above. <sup>3</sup> Includes potato stocks in California and Klamath County, Oregon.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-29.—Fall potatoes: Production and total stocks held by growers and local dealers, 13 Major States, 2009–2018**

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>
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 .....	450,324	275,800	213,000	142,600	67,570
2017 .....	450,921	277,900	210,600	138,800	63,740
2018 .....	450,020	279,300	212,800	144,700	70,370

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

**Table 4-30.—Potatoes: Production, seed used, and disposition, United States, 2009–2018**

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
1,000 cwt					
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 .....	450,324	26,167	4,437	26,883	419,004
2017 .....	450,921	24,673	4,410	25,139	421,372
2018 .....	450,020	24,973	4,047	25,526	420,447

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

**Table 4-31.—Potatoes: Utilization and processing, Program States, 2017 and 2018**

Utilization items	2017	2018
	<i>1,000 cwt</i>	<i>1,000 cwt</i>
<b>Sales</b>		
Table stock .....	109,824	106,462
Processing .....	284,411	289,209
<b>Other sales</b>		
Livestock feed .....	1,913	697
Seed .....	25,224	24,079
Other Sales Total .....	27,137	24,776
<b>Total sales</b> .....	421,372	420,447
<b>Non-sales</b>		
Seed used on farms where grown .....	3,526	3,491
Household use and used for feed on farms where grown .....	884	556
Shrinkage and loss .....	25,139	25,526
<b>Total non-sales</b> .....	29,549	29,573
<b>Total production</b> .....	450,921	450,020
<b>Processing - United States</b>	2016	2017
	<i>1,000 cwt</i>	<i>1,000 cwt</i>
<b>Processing</b>		
Chips and shoestring .....	58,751	62,700
All Dehydrated (including starch and flour) .....	45,761	49,066
Frozen french fries .....	155,798	162,640
Other frozen products .....	13,803	15,956
Canned potatoes .....	1,152	1,113
Other canned products (hash, stews, soups) .....	703	758
Other (including fresh pack, potato salad, vodka, etc) .....	6,160	5,550
<b>Total</b> .....	282,128	297,783

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



**Table 4-32.—Potatoes: Production, seed use, and farm disposition, by seasonal groups, by States and United States, 2017 crop <sup>1</sup>**

Season and State	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>					
Spring					
California .....	14,573	776	227	291	14,055
Florida .....	7,175	684	17	145	7,013
United States .....	21,748	1,460	244	436	21,068
Summer					
Illinois .....	3,321	127		33	3,288
Kansas .....	1,558	114			1,558
Maryland .....	913	(D)	(D)	(D)	(D)
Missouri .....	2,423	183			2,423
New Jersey .....	600	(D)	(D)	(D)	(D)
North Carolina .....	3,473	294	1	1	3,471
Texas .....	8,892	420	22		8,870
Virginia .....	1,193	93		4	1,189
Other States <sup>2</sup> .....		84	1	1	1,511
United States .....	22,373	1,315	24	39	22,310
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 .....	18,315	1,344	379	623	17,313
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 .....	25,245	882	271	1,575	23,399
Washington .....	99,220	4,208	263	6,040	92,917
Wisconsin .....	29,750	1,675	343	2,048	27,359
United States .....	406,800	21,898	4,142	24,664	377,994
All potatoes					
United States .....	450,921	24,673	4,4104	25,139	421,372

(D) Withheld to avoid disclosing data for individual operations. <sup>1</sup>Totals may not add due to rounding. <sup>2</sup>Includes data withheld above.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-33.—Potatoes: Production, seed use, and farm disposition, by seasonal groups, by States and United States, 2018 crop <sup>1</sup>**

Season and State	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>					
Spring					
California .....	12,245	748	4	495	11,746
Florida .....	5,512	564	1	82	5,429
United States .....	17,757	1,312	5	577	17,175
Summer					
Illinois .....	2,850	214		20	2,830
Kansas .....	1,419	92			1,419
Maryland .....	510	48	1	1	508
Missouri .....	1,665	163		210	1,455
New Jersey .....	530	33		1	529
North Carolina .....	2,318	391			2,318
Texas .....	7,438	401	28	25	7,385
Virginia .....	1,034	119			1,034
United States .....	17,764	1,461	29	257	17,478
Fall					
California .....	3,212	195		62	3,150
Colorado .....	21,722	1,350	945	1,616	19,161
Idaho .....	141,750	7,592	795	8,700	132,255
Maine .....	15,035	1,100	252	783	14,000
Michigan .....	18,240	1,400	373	680	17,187
Minnesota .....	18,705	738	67	1,028	17,610
Montana .....	3,885	289	202	190	3,493
Nebraska .....	9,264	566	217	825	8,222
New York .....	3,886	343	45	181	3,660
North Dakota .....	23,725	1,548	150	2,000	21,575
Oregon .....	27,000	1,148	341	1,680	24,979
Washington .....	100,800	4,241	258	5,800	94,742
Wisconsin .....	27,135	1,680	344	1,136	25,655
United States .....	414,499	22,200	4,013	24,692	385,794
All potatoes					
United States .....	450,020	24,973	4,047	25,526	420,447

<sup>1</sup> United States and totals may not add due to rounding.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-34.—Potatoes, fresh & seed: United States exports by country of destination and imports by country of origin, 2016–2018**

Country	2016	2017	2018
<i>Metric tons</i>			
<b>Imports</b>			
Canada .....	495,839	501,708	486,552
Colombia .....	10	50	40
Ecuador .....	13	30	32
China .....	0	0	4
Peru .....	0	1	3
Costa Rica .....	9	0	3
Brazil .....	30	0	0
Ghana .....	0	9	0
Netherlands .....	0	24	0
<b>World Total .....</b>	<b>495,900</b>	<b>501,823</b>	<b>486,634</b>
<b>Exports</b>			
Canada .....	240,642	265,096	205,664
Mexico .....	91,815	93,206	113,027
Japan .....	41,684	39,876	33,914
Taiwan .....	35,929	42,883	30,443
Korea, South .....	8,913	20,974	22,639
Philippines .....	13,270	22,271	12,090
Honduras .....	9,344	10,175	10,227
Malaysia .....	11,018	12,355	9,743
Dominican Republic .....	5,191	6,230	8,207
Thailand .....	3,681	3,057	5,726
Singapore .....	5,643	5,489	4,862
Hong Kong .....	3,108	3,648	3,395
Panama .....	2,767	3,139	2,981
Guatemala .....	2,221	3,032	2,411
Leeward-Windward Islands(*) .....	1,134	1,212	1,747
Vietnam .....	162	221	1,557
Bahamas, The .....	1,320	1,531	1,495
Costa Rica .....	658	1,270	1,021
Cayman Islands .....	558	743	968
Nicaragua .....	1,883	809	963
Indonesia .....	1,403	1,884	728
United Arab Emirates .....	800	558	653
Trinidad and Tobago .....	811	807	601
China .....	686	598	581
French Pacific Islands(*) .....	193	262	449
Senegal .....	218	657	441
El Salvador .....	531	618	406
Netherlands Antilles(*) .....	444	285	389
Peru .....	0	173	382
Bermuda .....	247	262	302
Rest of World .....	2,682	2,891	1,621
<b>World Total .....</b>	<b>488,954</b>	<b>546,209</b>	<b>479,633</b>

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

**Table 4-35.—Potatoes (fresh market): Foreign trade, United States, 2009–2018 <sup>1</sup>**

Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
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
2018/2019 .....		

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

**Table 4-36.—Pumpkins for fresh market and processing: Area harvested, production, price, and value, by State and United States, 2016–2018 <sup>1</sup>**

State	Area harvested			Total Production		
	2016	2017	2018	2016	2017	2018
	<i>Acres</i>			<i>1,000 cwt</i>		
California .....	4,800	4,400	4,900	1,296.0	1,452.0	1,347.5
Illinois .....	17,400	17,400	11,000	6,786.0	6,438.0	5,170.0
Indiana .....	7,000	6,000	5,500	945.0	960.0	1,265.0
Michigan .....	5,100	4,900	5,400	790.5	759.5	1,026.0
Minnesota .....	2,000	1,800	1,400	220.0	162.0	427.0
New Jersey .....	2,000	2,100	1,700	200.0	199.5	110.5
New York .....	5,700	5,600	5,700	655.5	588.0	467.4
North Carolina ..	2,900	2,700	2,300	754.0	567.0	253.0
Ohio .....	3,500	3,500	3,700	525.0	595.0	666.0
Oregon .....	2,100	2,500	2,500	483.0	450.0	675.0
Pennsylvania ....	7,000	6,900	5,700	1,190.0	1,138.5	655.5
Tennessee .....	1,400	1,400	1,600	210.0	124.6	116.8
Texas .....	4,000	4,500	4,900	1,640.0	877.5	1,617.0
Virginia .....	3,600	3,200	3,500	612.0	720.0	717.5
Washington .....	2,900	2,600	2,400	522.0	468.0	300.0
Wisconsin .....	3,200	2,800	3,700	352.0	420.0	244.2
United States ....	74,600	72,300	65,900	17,181.0	15,919.6	15,058.4
State	Utilized production			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>1,000 dollars</i>		
California .....	1,296.0	1,450.5	1,339.4	23,976	20,742	27,592
Illinois .....	6,786.0	6,302.8	5,139.0	42,824	24,421	13,751
Indiana .....	945.0	959.0	1,252.4	13,608	18,457	16,971
Michigan .....	790.5	758.0	1,010.6	11,909	8,314	14,947
Minnesota .....	206.8	139.3	419.3	3,950	3,691	12,369
New Jersey .....	200.0	198.1	108.8	5,340	6,101	4,178
New York .....	655.5	570.4	435.1	12,717	11,123	8,037
North Carolina ..	754.0	560.8	250.5	18,661	10,437	6,689
Ohio .....	525.0	586.7	652.0	9,362	7,968	10,684
Oregon .....	458.9	427.5	645.3	5,146	6,514	9,781
Pennsylvania ....	1,190.0	1,110.0	620.8	24,158	19,503	13,852
Tennessee .....	210.0	111.6	103.4	4,641	2,132	2,264
Texas .....	1,640.0	864.3	1,615.4	17,056	23,163	24,069
Virginia .....	612.0	718.6	689.5	18,421	10,348	10,343
Washington .....	495.9	446.5	296.1	13,538	12,604	11,844
Wisconsin .....	330.9	396.5	214.7	6,254	11,023	2,791
United States ....	17,096.5	15,600.6	14,792.3	231,561	196,541	190,162

See footnote(s) at end of table.

**Table 4-36.—Pumpkins for fresh market: Area harvested, production, price, and value, by State and United States, 2016–2018<sup>1</sup>—Continued**

Utilization and State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
<b>Fresh Market</b>									
California .....	1,296.0	1,450.5	1,339.4	18.50	14.30	20.60	23,976	20,742	27,592
Illinois .....	(D)	(D)	325.7	(D)	(D)	16.80	(D)	(D)	5,472
Indiana .....	945.0	(D)	(D)	14.40	(D)	(D)	13,608	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....	206.8	139.3	419.3	19.10	26.50	29.50	3,950	3,691	12,369
New Jersey .....	200.0	198.1	108.8	26.70	30.80	38.40	5,340	6,101	4,178
New York .....	655.5	570.4	(D)	19.40	19.50	(D)	12,717	11,123	(D)
North Carolina ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ohio .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	276.1	(D)	(D)	25.80	(D)	(D)	7,123
Pennsylvania ....	1,162.6	(D)	(D)	20.70	(D)	(D)	24,066	(D)	(D)
Tennessee .....	210.0	111.6	103.4	22.10	19.10	21.90	4,641	2,132	2,264
Texas .....	1,640.0	864.3	1,615.4	10.40	26.80	14.90	17,056	23,163	24,069
Virginia .....	612.0	718.6	689.5	30.10	14.40	15.00	18,421	10,348	10,343
Washington .....	(D)	(D)	296.1	(D)	(D)	40.00	(D)	(D)	11,844
Wisconsin .....	330.9	396.5	214.7	18.90	27.80	13.00	6,254	11,023	2,791
Other States <sup>1</sup> ...	4,340.6	5,234.5	4,161.2	20.70	18.10	17.00	89,744	94,540	70,614
United States ....	11,599.4	9,683.8	9,549.6	18.90	18.90	18.70	219,773	182,863	178,659
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
<b>Processing</b>									
California .....				(X)	(X)	(X)			
Illinois .....	(D)	(D)	240,664	(D)	(D)	34.40	(D)	(D)	8,279
Indiana .....		(D)	(D)	(X)	(D)	(D)		(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....				(X)	(X)	(X)			
New Jersey .....				(X)	(X)	(X)			
New York .....			(D)	(X)	(X)	(D)			(D)
North Carolina ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ohio .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	18,461	(D)	(D)	144.00	(D)	(D)	2,658
Pennsylvania ....	1,369	(D)	(D)	66.90	(D)	(D)	92	(D)	(D)
Tennessee .....				(X)	(X)	(X)			
Texas .....				(X)	(X)	(X)			
Virginia .....				(X)	(X)	(X)			
Washington .....	(D)	(D)		(D)	(D)	(X)	(D)	(D)	
Wisconsin .....				(X)	(X)	(X)			
Other States <sup>1</sup> ...	273,486	295,841	3,009	42.80	46.20	188.00	11,696	13,678	566
United States ....	274,855	295,841	262,134	42.90	46.20	43.90	11,788	13,678	11,503

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-37.—Spinach for fresh market and processing: Area Harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
Arizona .....	11,200	12,200	11,100	2,016.0	1,830.0	1,887.0			
California .....	39,000	46,400	44,200	5,070.0	5,104.0	5,525.0			
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)			
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)			
New Jersey .....	2,400	2,100	2,000	396.0	315.0	230.0			
Texas .....	4,000	2,800	2,800	980.0	672.0	700.0			
Other States <sup>1</sup> ...	1,300	1,230	1,350	118.5	169.6	138.5			
United States ....	57,900	64,730	61,450	8,580.5	8,090.6	8,480.5			
State	Price per cwt			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>Dollars</i>			<i>1,000 dollars</i>					
Arizona .....	46.20	53.30	44.40	93,139	97,539	83,783			
California .....	50.70	67.20	57.30	256,978	342,809	316,699			
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)			
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)			
New Jersey .....	35.60	28.70	22.70	14,111	9,039	5,230			
Texas .....	10.50	28.80	19.10	10,245	19,369	13,346			
Other States <sup>1</sup> ...	32.70	12.40	27.60	3,872	2,104	3,821			
United States ....	44.10	58.20	49.90	378,345	470,860	422,879			
State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
Arizona .....	2,016.0	1,830.0	1,887.0	46.20	53.30	44.40	93,139	97,539	83,783
California .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	254.2	(D)	(D)	47.90	(D)	(D)	12,176	(D)	(D)
Texas .....	276.4	463.7	287.0	26.50	39.30	38.80	7,325	18,223	11,136
Other States <sup>1</sup> ...	4,417.8	4,339.9	4,724.4	57.20	78.50	66.10	252,805	340,801	312,356
United States ....	6,964.4	6,633.6	6,898.4	52.50	68.80	59.00	365,445	456,563	407,275
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Arizona .....	(D)	(D)	(D)	(X)	(X)	(X)	(D)	(D)	(D)
California .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	7,088	(D)	(D)	273.00	(D)	(D)	1,935	(D)	(D)
Texas .....	35,182	10,416	20,650	83.00	110.00	107.00	2,920	1,146	1,146
Other States <sup>1</sup> ...	38,529	62,434	58,457	209.00	211.00	229.00	8,045	13,151	13,151
United States ....	80,799	72,850	79,107	160.00	196.00	197.00	12,900	14,297	14,297

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-38.—Squash for fresh market and processing: Area Harvested, production, price, and value, by State and United States, 2016–2018**

State	Area harvested			Total production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
California .....	7,800	7,700	6,700	1,560.0	1,309.0	1,038.5			
Florida .....	6,900	7,500	(D)	793.5	975.0	(D)			
Georgia .....	3,600	3,300	(D)	594.0	511.5	(D)			
Michigan .....	9,300	9,200	8,700	2,232.0	2,116.0	1,914.0			
New Jersey .....	2,900	3,300	3,500	333.5	363.0	325.5			
New York .....	5,600	5,400	4,900	952.0	810.0	808.5			
North Carolina ..	3,700	2,800	3,500	244.2	271.6	612.5			
Oregon .....	4,400	5,000	4,300	1,276.0	1,500.0	1,333.0			
Texas .....	1,900	1,700	1,500	171.0	153.0	88.5			
Other States <sup>1</sup> ..	.....	.....	11,700	.....	.....	1,272.0			
United States ....	46,100	45,900	44,800	8,156.2	8,009.1	7,392.5			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
California .....	1,560.0	1,288.1	968.9	43,796	45,022	30,973			
Florida .....	793.5	970.1	(D)	35,787	39,095	(D)			
Georgia .....	594.0	506.4	(D)	22,572	22,180	(D)			
Michigan .....	2,232.0	2,116.0	1,883.4	33,570	42,838	37,072			
New Jersey .....	333.5	362.6	307.3	10,921	16,313	8,387			
New York .....	952.0	802.7	805.3	27,936	30,737	24,174			
North Carolina ..	244.2	271.1	611.3	7,326	12,313	18,306			
Oregon .....	1,276.0	1,500.0	1,333.0	10,981	17,369	13,194			
Texas .....	171.0	153.0	88.2	7,042	9,746	3,481			
Other States <sup>1</sup> ..	.....	.....	1,252.9	.....	.....	57,335			
United States ....	8,156.2	7,970.0	7,250.3	199,931	235,613	192,922			
State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
California .....	1,429.0	(D)	884.8	29.80	(D)	33.20	42,584	(D)	29,375
Florida .....	793.5	970.1	(D)	45.10	40.30	(D)	35,787	39,095	(D)
Georgia .....	594.0	506.4	(D)	38.00	43.80	(D)	22,572	22,180	(D)
Michigan .....	(D)	1,299.2	1,225.0	(D)	28.10	26.50	(D)	36,508	32,463
New Jersey .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New York .....	608.3	(D)	(D)	31.80	(D)	(D)	19,344	(D)	(D)
North Carolina ..	244.2	(D)	(D)	30.00	(D)	(D)	7,326	(D)	(D)
Oregon .....	(D)	217.5	122.6	(D)	43.00	46.90	(D)	9,353	5,750
Texas .....	(D)	153.0	(D)	(D)	63.70	(D)	(D)	9,746	(D)
Other States <sup>1</sup> ..	1,479.3	2,598.4	2,883.8	28.90	39.40	37.30	42,784	102,251	107,629
United States ....	5,148.3	5,744.6	5,116.2	33.10	38.10	34.20	170,397	219,133	175,217
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
California .....	6,552	(D)	4,206	185.00	(D)	380.00	1,212	(D)	1,598
Florida .....	.....	.....	(D)	(X)	(X)	(D)	.....	.....	(D)
Georgia .....	.....	.....	(D)	(X)	(X)	(D)	.....	.....	(D)
Michigan .....	(D)	40,839	32,921	(D)	155.00	140.00	(D)	6,330	4,609
New Jersey .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New York .....	17,184	(D)	(D)	500.00	(D)	(D)	8,592	(D)	(D)
North Carolina ..	.....	(D)	(D)	(X)	(D)	(D)	.....	(D)	(D)
Oregon .....	(D)	64,125	60,518	(D)	125.00	123.00	(D)	8,016	7,444
Texas .....	(D)	.....	(D)	(D)	(X)	(D)	(D)	.....	(D)
Other States <sup>1</sup> ..	126,662	6,304	9,057	156.00	339.00	448.00	19,730	2,134	4,054
United States ....	150,398	111,268	106,702	196.00	148.00	166.00	29,534	16,480	17,705

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-39.—Sweet Potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 2009–2018**

Year	Area harvested	Yield per acre	Production	Market year average price <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
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	18.40	657,021
2018 .....	144.4	190	27,378	23.90	654,060

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

**Table 4-40.—Sweet Potatoes: Area harvested, production, season average price, and value, by State and United States, 2016–2018**

State	Area harvested			Production		
	2016	2017	2018	2016	2017	2018
	<i>1,000 Acres</i>			<i>1,000 cwt</i>		
Arkansas .....	(D)	(D)	4.8	(D)	(D)	1,056
California .....	20.0	21.0	21.0	6,200	6,510	7,770
Florida .....	(D)	(D)	5.8	(D)	(D)	812
Louisiana .....	9.5	9.5	8.3	1,520	2,185	2,200
Mississippi .....	29.0	29.0	26.0	4,930	4,930	4,550
North Carolina ..	95.0	89.5	78.5	17,100	19,690	10,990
Other States <sup>2</sup> ..	9.8	10.3	.....	1,796	2,331	.....
United States ....	163.3	159.3	144.4	31,546	35,646	27,378
State	Price per cwt			Value of production		
	2016	2017	2018 <sup>1</sup>	2016	2017	2018 <sup>1</sup>
	<i>Dollars</i>			<i>1,000 dollars</i>		
Arkansas .....	(D)	(D)	21.70	(D)	(D)	22,915
California .....	23.10	23.70	25.60	143,220	154,287	198,912
Florida .....	(D)	(D)	41.90	(D)	(D)	34,023
Louisiana .....	21.30	19.90	25.00	32,376	43,482	55,000
Mississippi .....	22.80	18.50	23.50	112,404	91,205	106,925
North Carolina ..	18.10	15.30	21.50	309,510	301,257	236,285
Other States <sup>2</sup> ..	30.10	28.70	.....	54,004	66,790	.....
United States ....	20.70	18.40	23.90	651,514	657,021	654,060

(D) Withheld to avoid disclosing data for individual operations. <sup>1</sup> Preliminary. <sup>2</sup> Includes data withheld above.  
NASS, Crops Branch, (202) 720-2127.



**Table 4-41.—Tomatoes for fresh market and processing: Area Harvested, production, and value, by State and United States, 2016–2018**

State	Area harvested			Total production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
California .....	285,300	247,700	260,600	260,764.2	221,691.5	255,388.0			
Florida .....	28,000	28,000	27,000	7,280.0	8,400.0	7,560.0			
Indiana .....	8,000	7,800	7,600	5,200.0	4,602.0	4,940.0			
Michigan .....	5,700	5,500	5,000	3,163.5	3,080.0	2,750.0			
New Jersey .....	3,800	4,000	4,100	988.0	1,120.0	943.0			
North Carolina ..	3,400	3,200	3,000	1,054.0	1,056.0	870.0			
Ohio .....	5,600	5,500	5,400	2,828.0	2,695.0	2,808.0			
South Carolina ..	3,300	2,800	3,200	924.0	1,036.0	1,152.0			
Tennessee .....	3,600	3,600	4,000	1,206.0	1,278.0	1,240.0			
Virginia .....	2,400	2,400	2,000	504.0	696.0	420.0			
United States ....	349,100	310,500	321,900	283,911.7	245,654.5	278,071.0			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
California .....	260,764.2	216,592.6	253,855.7	1,310,483	1,075,824	1,197,642			
Florida .....	7,280.0	7,988.4	6,766.2	382,200	262,020	336,496			
Indiana .....	5,200.0	4,602.0	4,940.0	30,954	30,519	31,530			
Michigan .....	3,163.5	3,067.7	2,750.0	33,919	35,987	35,352			
New Jersey .....	988.0	1,118.9	716.7	51,626	39,202	42,411			
North Carolina ..	1,054.0	999.0	863.9	57,127	46,116	33,845			
Ohio .....	2,828.0	2,695.0	2,808.0	46,862	48,626	52,173			
South Carolina ..	924.0	1,033.9	1,150.8	32,340	34,429	44,881			
Tennessee .....	1,206.0	1,265.2	1,215.2	48,310	61,719	54,176			
Virginia .....	504.0	692.5	409.1	23,184	43,518	27,774			
United States ....	283,911.7	240,055.2	275,475.6	2,017,005	1,677,960	1,856,280			
State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
California .....	7,822.9	7,315.8	8,172.4	28.00	31.20	27.80	219,041	228,253	227,193
Florida .....	7,280.0	7,988.4	(D)	52.50	32.80	(D)	382,200	262,020	(D)
Indiana .....	26.0	32.2	49.4	66.20	75.00	69.00	1,721	2,415	3,409
Michigan .....	404.9	406.6	495.0	46.30	54.80	47.50	18,747	22,282	23,513
New Jersey .....	(D)	689.9	510.2	(D)	53.90	80.90	(D)	37,186	41,275
North Carolina ..	1,054.0	(D)	(D)	54.20	(D)	(D)	57,127	(D)	(D)
Ohio .....	639.1	649.5	561.6	55.00	56.60	69.90	35,151	36,762	39,256
South Carolina ..	924.0	1,033.9	1,150.8	35.00	33.30	39.00	32,340	34,429	44,881
Tennessee .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	504.0	(D)	(D)	46.00	(D)	(D)	23,184	(D)	(D)
Other States <sup>1</sup>	1,840.9	2,853.4	8,683.1	52.70	52.10	50.00	97,099	148,744	434,455
United States ..	20,495.8	20,969.7	19,622.5	42.30	36.80	41.50	866,610	772,091	813,982
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
California .....	12,647,064	10,463,839	12,284,163	86.30	81.00	79.00	1,091,442	847,571	970,449
Florida .....	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)
Indiana .....	258,700	228,489	244,530	113.00	123.00	115.00	29,233	28,104	28,121
Michigan .....	137,929	133,056	112,750	110.00	103.00	105.00	15,172	13,705	11,839
New Jersey .....	(D)	21,448	10,326	(D)	94.00	110.00	(D)	2,016	1,136
North Carolina ..	(D)	(D)	(D)	(X)	(D)	(D)	(D)	(D)	(D)
Ohio .....	109,444	102,275	112,320	107.00	116.00	115.00	11,711	11,864	12,917
South Carolina ..	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)
Tennessee .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(D)	(D)	(D)	(X)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup>	17,656	5,160	28,566	161.00	506.00	624.00	2,837	2,609	17,836
United States ..	13,170,793	10,954,267	12,792,655	87.30	82.70	81.50	1,150,395	905,869	1,042,298

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-42.—Watermelon for fresh market and processing: Area Harvested, production, and value, by State and United States, 2016–2018**

State	Area harvested			Total production					
	2016	2017	2018	2016	2017	2018			
	<i>Acres</i>			<i>1,000 cwt</i>					
Arizona .....	5,500	3,500	(D)	2,447.5	1,802.5	(D)			
California .....	10,400	10,600	11,900	5,616.0	6,201.0	6,426.0			
Delaware .....	3,800	3,900	3,800	1,387.0	1,092.0	1,026.0			
Florida .....	22,200	22,000	22,500	7,770.0	8,690.0	8,100.0			
Georgia .....	20,900	20,900	20,600	7,106.0	7,942.0	5,356.0			
Indiana .....	6,600	6,200	6,500	2,838.0	2,573.0	3,055.0			
Maryland .....	4,200	3,700	3,500	1,449.0	1,110.0	1,050.0			
Missouri .....	2,700	3,000	(D)	1,053.0	705.0	(D)			
North Carolina ..	6,300	7,100	7,300	1,449.0	2,130.0	1,825.0			
South Carolina ..	4,400	4,900	4,300	1,584.0	2,156.0	989.0			
Texas .....	25,000	22,000	23,000	7,250.0	6,380.0	7,820.0			
Other States .....	.....	.....	8,000	.....	.....	3,398.0			
United States ....	112,000	107,800	111,400	39,949.5	40,781.5	39,045.0			
State	Utilized production			Value of utilized production					
	2016	2017	2018	2016	2017	2018			
	<i>1,000 cwt</i>			<i>1,000 dollars</i>					
Arizona .....	2,447.5	1,802.5	(D)	35,244	42,359	(D)			
California .....	5,616.0	6,176.2	6,393.9	102,211	117,348	116,369			
Delaware .....	1,387.0	1,092.0	1,026.0	19,418	8,736	11,286			
Florida .....	7,770.0	8,690.0	8,043.3	125,097	152,944	160,866			
Georgia .....	7,106.0	7,727.6	5,345.3	83,140	84,231	76,438			
Indiana .....	2,838.0	2,573.0	3,055.0	34,056	27,017	27,915			
Maryland .....	1,449.0	1,110.0	1,039.5	16,953	12,321	10,395			
Missouri .....	1,053.0	702.2	(D)	12,192	8,445	(D)			
North Carolina ..	1,449.0	2,102.3	1,799.5	20,576	22,705	22,314			
South Carolina ..	1,584.0	2,153.8	987.0	23,918	26,276	17,174			
Texas .....	7,250.0	6,156.7	7,765.3	73,950	91,651	143,387			
Other States .....	.....	.....	3,394.0	.....	.....	70,511			
United States ....	39,949.5	40,286.3	38,848.8	546,755	594,033	656,655			
State	Utilized production			Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 cwt</i>			<i>Dollars per cwt</i>			<i>1,000 dollars</i>		
Fresh Market									
Arizona .....	2,447.5	1,802.5	(D)	14.40	23.50	(D)	35,244	42,359	(D)
California .....	5,616.0	6,176.2	6,393.9	18.20	19.00	18.20	102,211	117,348	116,369
Delaware .....	1,387.0	1,092.0	1,026.0	14.00	8.00	11.00	19,418	8,736	11,286
Florida .....	7,770.0	8,690.0	8,043.3	16.10	17.60	20.00	125,097	152,944	160,866
Georgia .....	7,106.0	7,727.6	5,345.3	11.70	10.90	14.30	83,140	84,231	76,438
Indiana .....	2,838.0	2,573.0	(D)	12.00	10.50	(D)	34,056	27,017	(D)
Maryland .....	1,449.0	1,110.0	1,039.5	11.70	11.10	10.00	16,953	12,321	10,395
Missouri .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina ..	(D)	2,102.3	1,799.5	(D)	10.80	12.40	(D)	22,705	22,314
South Carolina ..	1,584.0	2,153.8	987.0	15.10	12.20	17.40	23,918	26,276	17,174
Texas .....	7,250.0	(D)	(D)	10.20	(D)	(D)	73,950	(D)	(D)
Other States <sup>1</sup>	2,430.1	6,606.0	14,045.9	13.50	15.10	17.10	32,704	99,782	240,580
United States ..	39,877.6	40,033.4	38,680.4	13.70	14.80	16.90	546,691	593,719	655,422
	<i>Tons</i>			<i>Dollars per ton</i>			<i>1,000 dollars</i>		
Processing									
Arizona .....	.....	.....	(D)	(X)	(X)	(D)	.....	.....	(D)
California .....	.....	.....	.....	(X)	(X)	(X)	.....	.....	.....
Delaware .....	.....	.....	.....	(X)	(X)	(X)	.....	.....	.....
Florida .....	.....	.....	.....	(X)	(X)	(X)	.....	.....	.....
Georgia .....	.....	.....	.....	(X)	(X)	(X)	.....	.....	.....
Indiana .....	.....	.....	(D)	(X)	(X)	(D)	.....	.....	(D)
Maryland .....	.....	.....	.....	(X)	(X)	(X)	.....	.....	.....
Missouri .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina ..	(D)	.....	.....	(D)	(X)	(X)	(D)	.....	.....
South Carolina ..	.....	.....	.....	(X)	(X)	(X)	.....	.....	.....
Texas .....	.....	(D)	(D)	(X)	(D)	(D)	.....	(D)	(D)
Other States <sup>1</sup>	3,595	12,646	8,420	17.80	24.80	146.00	64	314	1,233
United States ..	3,595	12,646	8,420	17.80	24.80	146.00	64	314	1,233

(D) Withheld to avoid disclosing data for individual operations. (X) Not applicable. <sup>1</sup> Includes data withheld above. NASS, Crops Branch, (202) 720-2127.

**Table 4-43.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 2018**

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July
Vegetables:	<i>1,000 cwt</i>						
Artichokes .....	59	66	58	87	105	90	75
Artichokes-organic .....	2	1	.....	1	2	4	3
Asparagus .....	.....	.....	9	51	189	85	.....
Asparagus-organic .....	.....	.....	.....	.....	.....	1	.....
Beans .....	113	186	287	232	202	131	52
Beans-organic .....	.....	.....	.....	.....	8	.....	.....
Beets .....	.....	.....	.....	3	5	5	4
Beets-organic .....	.....	.....	.....	2	3	3	4
Broccoli .....	473	469	658	712	534	593	522
Broccoli-organic .....	10	13	20	52	55	71	47
Brussels sprouts .....	52	29	30	26	27	45	71
Cabbage .....	842	822	1,234	691	636	403	295
Cabbage-organic .....	6	7	10	6	9	8	5
Carrots .....	626	590	736	637	708	597	549
Carrots-organic .....	32	34	117	157	176	195	196
Cauliflower .....	502	408	428	532	515	513	423
Cauliflower-organic .....	11	10	21	40	48	53	33
Celery .....	1,328	1,154	1,169	1,157	1,240	1,153	1,110
Celery-organic .....	53	51	59	53	59	102	95
Corn, sweet .....	368	445	692	1,565	2,591	2,360	806
Corn, sweet-organic .....	1	.....	.....	.....	3	10	.....
Cucumbers .....	7	.....	88	286	411	519	365
Cucumbers-organic .....	.....	.....	.....	2	.....	.....	.....
Eggplant .....	30	14	34	51	83	181	36
Eggplant-organic .....	.....	.....	.....	2	.....	.....	.....
Endive .....	14	17	19	14	6	5	4
Endive-organic .....	.....	3	.....	.....	.....	.....	.....
Escarole .....	17	20	23	18	10	5	5
Greens .....	138	184	291	239	271	147	104
Greens-organic .....	11	12	12	12	15	15	9
Lettuce, iceberg .....	1,973	1,806	2,051	2,271	2,514	2,376	2,305
Lettuce, iceberg-organic .....	.....	.....	.....	12	17	16	18
Lettuce, other .....	370	328	356	261	252	216	181
Lettuce, other-organic .....	5	4	5	3	4	3	3
Lettuce, romaine .....	1,829	1,815	1,980	1,844	1,735	1,656	1,561
Lettuce, romaine-organic .....	29	30	45	112	120	109	103
Lettuce processed .....	728	732	814	593	1,077	1,115	634
Commodity	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
Artichokes .....	64	66	80	103	50	903	
Artichokes-organic .....	3	3	2	2	1	24	
Asparagus .....	.....	.....	.....	.....	.....	334	
Asparagus-organic .....	.....	.....	.....	.....	.....	1	
Beans .....	98	65	77	175	179	1,797	
Beans-organic .....	.....	.....	1	2	.....	11	
Beets .....	5	4	6	4	5	41	
Beets-organic .....	3	2	2	1	.....	20	
Broccoli .....	483	433	481	414	524	6,296	
Broccoli-organic .....	45	46	52	30	50	491	
Brussels sprouts .....	92	82	107	114	61	736	
Cabbage .....	478	448	479	478	765	7,571	
Cabbage-organic .....	5	5	6	3	4	74	
Carrots .....	654	573	659	623	624	7,576	
Carrots-organic .....	203	208	250	236	239	2,043	
Cauliflower .....	393	416	473	355	515	5,473	
Cauliflower-organic .....	34	30	44	15	29	368	
Celery .....	1,136	1,070	1,422	1,691	1,349	14,979	
Celery-organic .....	91	90	121	74	53	901	
Corn, sweet .....	512	214	189	436	211	10,389	
Corn, sweet-organic .....	.....	.....	.....	.....	.....	14	
Cucumbers .....	500	368	354	235	102	3,235	
Cucumbers-organic .....	.....	.....	2	2	.....	6	
Eggplant .....	23	47	112	76	38	725	
Eggplant-organic .....	.....	.....	.....	2	1	5	
Endive .....	3	3	4	10	10	109	
Endive-organic .....	.....	.....	.....	.....	.....	3	
Escarole .....	5	4	6	13	17	143	
Greens .....	102	110	126	217	175	2,104	
Greens-organic .....	9	8	12	9	12	136	
Lettuce, iceberg .....	2,309	2,063	2,204	2,073	2,152	26,097	
Lettuce, iceberg-organic .....	18	14	11	11	11	128	
Lettuce, other .....	199	186	228	292	368	3,237	
Lettuce, other-organic .....	3	2	3	5	9	49	
Lettuce, romaine .....	1,651	1,509	1,703	1,522	1,814	20,619	
Lettuce, romaine-organic .....	116	104	108	58	100	1,034	
Lettuce processed .....	957	1,034	780	917	947	10,328	

See footnote(s) at end of table.

**Table 4-43.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 2018—Continued**

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July
Vegetables:	<i>1,000 cwt</i>						
Onions, dry .....	4,030	3,040	3,301	3,648	4,279	4,095	3,864
Onions, dry-organic .....	1	1	1	16	41	14	7
Onions processed .....	447	456	576	480	621	903	712
Onions, green .....	9	14	17	28	30	37	31
Onions, green-organic .....							
Parsley .....	23	30	26	37	46	51	51
Parsley-organic .....	1	2	1	1	1	2	1
Peas, green .....	1	1			2	8	9
Peppers, bell .....	256	292	398	579	747	980	658
Peppers, bell-organic .....	1	1	3	2		10	7
Peppers, other .....	9	13	11	22	31	40	20
Peppers, other-organic .....		1					
Potatoes, table .....	7,948	6,821	8,336	7,000	7,693	7,787	7,352
Potatoes, table-organic .....	169	134	162	105	87	132	81
Potatoes, chipper .....	4,112	3,898	4,772	5,526	4,216	5,966	4,277
Potatoes, seed .....	235	717	4,738	6,138	2,221		231
Radishes .....	59	61	58	60	48	37	30
Spinach .....	202	184	226	80	67	65	59
Spinach-organic .....	41	44	58	15		1	1
Squash .....	89	100	153	130	213	196	159
Squash-organic .....	2	4	5	5	1		
Sweet potatoes .....	814	784	1,110	830	825	721	539
Sweet potatoes-organic .....	5	5	7	4	5	4	2
Tomatoes .....	1,027	852	931	1,316	1,139	929	1,227
Tomatoes, greenhouse .....	84	84	128	119	150	171	139
Toms, Grape Type .....	97	74	116	133	118	77	56
Toms, Grape Type- greenhouse .....	12	14	20	17	30	31	43
Toms, Grape Type-organic .....	11	9	10	10	4	2	
Toms, Cherry .....	22	20	26	29	25	14	11
Toms, Cherry-greenhouse .....	3	3	5	4	5	7	12
Toms, Plum Type .....	237	238	245	335	260	73	364
Toms, Plum Type-greenhouse .....	4	5	6	4	5	10	5
Toms, Plum Type-organic .....							
<b>Total .....</b>	<b>29,579</b>	<b>27,152</b>	<b>36,692</b>	<b>38,397</b>	<b>36,540</b>	<b>35,379</b>	<b>29,335</b>

  

Commodity	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Onions, dry .....	4,182	3,825	4,396	4,187	4,312	47,159
Onions, dry-organic .....	3	1	2	1	1	89
Onions processed .....	416	560	580	489	525	6,765
Onions, green .....	33	33	27	31	28	318
Onions, green-organic .....	1	1	3	1		5
Parsley .....	52	49	58	51	44	518
Parsley-organic .....	1	2	2	1	1	16
Peas, green .....	5	2	1			28
Peppers, bell .....	662	562	546	524	298	6,502
Peppers, bell-organic .....				4	2	30
Peppers, other .....	8	2	29	29	20	234
Peppers, other-organic .....					1	2
Potatoes, table .....	7,704	7,542	7,577	8,514	7,644	91,918
Potatoes, table-organic .....	95	109	150	184	137	1,545
Potatoes, chipper .....	4,353	5,615	4,021	4,081	5,183	56,020
Potatoes, seed .....		16	53	80	170	14,599
Radishes .....	48	44	50	59	55	609
Spinach .....	62	61	81	140	195	1,422
Spinach-organic .....	3	2	10	44	49	268
Squash .....	167	108	109	141	111	1,676
Squash-organic .....			4	5	4	30
Sweet potatoes .....	599	659	688	1,045	808	9,422
Sweet potatoes-organic .....	2	7	7	7	6	61
Tomatoes .....	1,143	1,055	1,084	1,126	977	12,806
Tomatoes, greenhouse .....	93	104	96	99	117	1,384
Toms, Grape Type .....	45	59	108	98	84	1,065
Toms, Grape Type- greenhouse .....	21	18	10	13	20	249
Toms, Grape Type-organic .....			2	11	12	71
Toms, Cherry .....	11	9	16	31	27	241
Toms, Cherry-greenhouse .....	4	4	3	5	6	61
Toms, Plum Type .....	390	411	243	285	329	3,410
Toms, Plum Type-greenhouse .....	7	5	3	5	6	65
Toms, Plum Type-organic .....	6					6
<b>Total .....</b>	<b>30,309</b>	<b>30,072</b>	<b>30,063</b>	<b>31,489</b>	<b>31,587</b>	<b>386,594</b>

See footnote(s) at end of table.

**Table 4-43.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 2018—Continued**

Commodity	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Melons:	<i>1,000 cwt</i>									
Cantaloupe .....	15	1,294	3,625	2,994	2,536	1,815	1,016	354	7	13,656
Cantaloupe-organic .....	4	71	99	54	43	4	.....	.....	.....	275
Honeydews .....	79	502	760	799	660	316	88	2	.....	3,206
Honeydews-organic .....	1	14	27	28	16	.....	.....	.....	.....	86
Mixed & misc. melons .....	4	231	170	55	1	.....	.....	.....	.....	462
Mixed & misc. melons-organic .....	1	11	10	4	2	.....	.....	.....	.....	28
Watermelon, seedless .....	30	934	5,094	9,584	9,119	8,135	2,849	401	.....	36,146
Watermelon, seedless-organic .....	14	120	157	165	35	13	.....	.....	.....	504
Watermelon, seeded .....	2	151	557	791	530	313	71	2	.....	2,417
Watermelon, seeded-organic .....	5	10	4	.....	.....	.....	.....	.....	.....	19
Total .....	17	1,583	6,075	10,106	13,755	12,004	9,556	3,293	344	56,799

Note: No data for January, February, and March 2018.  
AMS, Fresh Fruit and Vegetable Specialty Crops, Market News Division, (202) 205-9690.

**Table 4-44.—Commercially produced vegetables: Per capita utilization, United States, 2009–2018**

Year	Farm weight equivalent						
	Total fresh and processed	Fresh <sup>2</sup>	Processed				
			Total	Canning	Freezing	Potatoes	Others <sup>1</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009 .....	349.0	141.3	207.7	98.8	21.4	76.7	10.8
2010 .....	352.0	144.9	207.1	97.7	20.9	77.1	11.4
2011 .....	342.2	142.2	200.3	89.6	22.0	76.4	12.3
2012 .....	350.5	144.8	205.7	91.1	22.3	80.3	12.0
2013 .....	341.1	141.2	199.9	90.3	19.6	79.0	11.0
2014 .....	346.8	142.6	204.2	92.1	19.9	79.5	12.7
2015 .....	337.2	141.9	195.3	80.6	20.5	81.3	12.9
2016 .....	351.3	155.9	195.4	86.0	20.2	76.5	12.7
2017 .....	357.3	157.4	199.9	83.3	21.4	83.0	12.2
2018 .....	351.8	144.8	207.0	90.0	22.9	82.7	11.4

  

Year	Percentage of annual total						
	Fresh <sup>2</sup>	Processed					
		Total	Canning	Freezing	Potatoes	Others <sup>1</sup>	
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	
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	
2018 .....	.....	.....	.....	.....	.....	.....	

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

**Table 4-45.—Vegetables, fresh: Per capita civilian availability (farm-weight basis), United States, 2009–2018 <sup>1</sup>**

Year	Asparagus	Snap beans	Broccoli	Cabbage	Carrots	Cauliflower
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009 .....	1.3	1.7	6.2	7.3	7.4	1.7
2010 .....	1.4	1.9	6.0	7.5	7.8	1.3
2011 .....	1.4	1.7	6.0	6.6	7.5	1.2
2012 .....	1.4	1.6	6.3	6.3	8.0	1.2
2013 .....	1.4	1.6	6.9	6.9	8.0	1.3
2014 .....	1.7	1.5	6.7	6.7	8.5	1.3
2015 .....	1.5	1.6	7.4	6.3	8.8	1.6
2016 .....	1.6	1.7	7.5	5.9	7.8	1.7
2017 .....	1.6	1.6	7.1	6.2	7.4	2.4
2018 .....	1.8	1.7	5.9	5.7	8.5	2.4

  

Year	Celery	Sweet Corn	Cucumbers	Head lettuce	Leaf/romaine	Garlic
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009 .....	6.2	9.2	6.8	16.1	10.0	2.4
2010 .....	6.1	9.3	6.7	15.9	12.0	2.3
2011 .....	6.0	8.2	6.4	15.8	11.7	2.3
2012 .....	6.0	8.7	7.1	16.0	11.9	2.3
2013 .....	5.5	8.9	7.3	14.1	11.4	2.3
2014 .....	5.5	7.7	7.4	14.5	10.8	2.2
2015 .....	5.1	8.6	7.6	13.6	11.9	2.4
2016 .....	5.0	7.1	8.1	16.9	14.5	3.0
2017 .....	4.7	7.2	7.4	15.3	15.1	3.0
2018 .....	5.0	6.7	8.0	12.3	12.3	2.5

  

Year	Onions	Bell peppers	Spinach	Tomatoes <sup>2</sup>	Others <sup>3</sup>	Total vegetables <sup>4</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009 .....	19.6	9.8	2.0	19.6	18.4	141.3
2010 .....	19.6	10.3	1.7	20.6	18.4	144.9
2011 .....	19.1	10.6	1.8	21.0	18.8	142.2
2012 .....	19.3	10.8	1.6	20.8	19.3	144.8
2013 .....	18.5	10.0	1.6	20.3	18.8	141.2
2014 .....	18.4	10.7	1.7	20.6	20.5	142.6
2015 .....	18.3	10.7	1.7	20.6	18.3	141.9
2016 .....	22.8	11.1	2.0	20.3	24.0	155.9
2017 .....	25.1	11.3	1.9	20.5	24.6	157.4
2018 .....	20.4	11.2	1.9	20.6	22.2	144.8

<sup>1</sup>Fresh 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. <sup>2</sup>After 1996, includes an ERS estimate of domestically produced hothouse tomatoes. Hothouse imports included in all years. <sup>3</sup>Includes artichokes, brussels sprouts, eggplant, endive/es-carole, garlic, radishes, green limas, squash, spinach, okra, pumpkins, kale, collards, turnip greens, and mustard greens. <sup>4</sup>Excludes melons, mushrooms, potatoes, and sweet potatoes.  
ERS, Market and Trade Economics Division, (202) 694-5326.

**Table 4-46.—Vegetables, canning: Per capita availability (farm weight), United States, 2009–2018**

Year	Cabbage	Asparagus	Snap beans	Carrots	Green peas
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009 .....	0.9	0.2	3.6	0.9	1.3
2010 .....	1.0	0.1	3.7	0.8	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 .....	1.0	0.1	2.9	0.8	0.9
2014 .....	1.0	0.1	2.8	0.7	0.7
2015 .....	0.9	0.1	3.0	0.7	0.8
2016 .....	1.0	0.1	3.2	1.1	0.8
2017 .....	1.3	0.1	3.1	1.1	0.7
2018 .....	0.8	0.1	2.9	0.9	0.6

  

Year	Tomatoes	Sweet corn	Pickling Cucumbers	Other <sup>1</sup>	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009 .....	70.3	7.6	5.1	2.3	98.8
2010 .....	71.3	6.9	3.8	2.5	97.7
2011 .....	65.8	5.8	2.8	2.6	89.6
2012 .....	66.6	5.9	3.0	2.7	91.1
2013 .....	66.0	5.8	3.2	2.7	90.3
2014 .....	67.4	5.8	3.9	2.6	92.1
2015 .....	56.3	5.3	3.4	2.9	80.6
2016 .....	61.2	5.0	3.0	3.0	86.0
2017 .....	57.9	5.0	3.7	2.9	83.3
2018 .....	65.6	5.2	3.3	3.4	90.0

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

**Table 4-47.—Vegetables, freezing: Per capita utilization (farm weight basis), United States, 2009–2018**

Year	Asparagus	Snap beans	Carrots	Peas	Broccoli
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
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	2.4	1.3	2.4
2018 .....	0.1	1.9	2.2	1.3	2.5

  

Year	Cauliflower	Sweet Corn	Other <sup>1</sup>	Total vegetables excluding potatoes
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009 .....	0.4	9.1	4.3	21.4
2010 .....	0.4	8.6	4.5	20.9
2011 .....	0.4	9.8	4.3	22.0
2012 .....	0.3	9.8	4.5	22.3
2013 .....	0.3	7.0	4.3	19.6
2014 .....	0.4	7.7	4.6	19.9
2015 .....	0.3	8.0	4.7	20.5
2016 .....	0.4	7.5	4.6	20.2
2017 .....	0.5	8.0	4.7	21.4
2018 .....	0.6	7.9	4.4	22.9

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

**Table 4-48.—Frozen Vegetables and potato products: Cold storage holdings, United States, 2017 and 2018**

End of the month	Asparagus		Green beans, french cut		Green beans, Lima		Green beans, regular cut	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January .....	10,780	9,690	14,324	14,738	51,451	49,217	190,073	172,503
February .....	10,273	8,119	13,321	13,923	48,414	45,506	174,009	155,853
March .....	9,243	6,989	12,838	13,402	44,371	42,315	159,278	128,304
April .....	9,012	6,036	11,522	12,230	40,852	37,826	144,992	109,337
May .....	9,781	7,767	9,874	10,651	39,116	36,335	132,483	93,324
June .....	11,137	10,855	8,923	11,184	36,817	33,421	115,498	81,164
July .....	11,395	10,971	12,355	12,886	33,753	29,161	138,593	115,005
August .....	12,102	10,120	16,478	14,413	33,807	33,072	196,016	172,836
September .....	11,928	9,358	18,836	15,847	48,322	44,301	238,830	202,123
October .....	10,893	8,933	18,222	15,328	63,786	47,691	230,850	190,921
November .....	9,914	8,364	16,302	13,793	56,226	42,601	216,052	173,687
December .....	10,188	8,106	15,187	13,747	54,024	38,647	191,291	152,495
End of the month	Broccoli, chopped & cut		Broccoli, spears		Brussels sprouts		Carrots, diced	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January .....	46,006	30,206	24,405	25,814	23,187	21,121	145,245	128,815
February .....	43,333	31,302	26,382	29,513	22,721	20,636	127,999	121,470
March .....	40,864	33,530	32,156	31,806	20,508	20,900	119,945	114,872
April .....	39,286	36,759	31,070	34,494	19,588	20,736	114,784	108,053
May .....	36,102	35,108	30,890	38,616	18,428	19,317	107,957	98,881
June .....	31,521	34,532	30,877	45,339	16,253	17,361	97,296	84,708
July .....	34,386	38,981	28,038	44,166	14,379	17,102	86,068	65,564
August .....	39,995	41,735	27,541	44,250	14,101	15,536	79,758	53,967
September .....	37,178	43,080	24,817	37,705	13,415	13,257	75,024	48,927
October .....	34,739	41,796	26,515	35,174	16,126	13,410	109,489	86,070
November .....	33,388	39,422	22,921	30,802	17,219	13,940	152,316	129,184
December .....	32,738	37,761	23,877	26,691	21,878	15,680	142,941	125,994
End of the month	Carrots, other		Cauliflower		Sweet corn, cut		Sweet corn, cob	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January .....	171,689	149,233	28,913	34,901	463,549	446,194	197,123	231,840
February .....	157,377	136,166	28,226	36,257	414,754	403,945	177,461	207,572
March .....	152,193	125,914	29,002	35,212	371,774	356,223	150,107	176,477
April .....	143,200	119,288	27,679	32,896	316,608	312,151	128,032	142,645
May .....	129,246	104,184	27,497	30,354	275,307	276,599	101,904	107,713
June .....	112,691	94,449	28,013	25,340	220,012	240,908	73,922	79,134
July .....	100,623	87,118	28,703	24,701	216,938	257,797	74,754	105,145
August .....	106,683	84,641	26,193	24,088	377,400	443,885	181,921	208,224
September .....	118,442	96,342	25,043	23,258	519,847	558,378	278,137	276,776
October .....	144,425	105,654	33,584	30,422	568,117	592,617	297,466	307,075
November .....	160,556	113,794	32,655	28,645	521,589	530,696	286,139	288,300
December .....	164,466	110,822	34,083	29,760	479,654	475,712	257,185	269,689
End of the month	Greens, southern		Okra		Onions, other		Onion rings	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January .....	19,399	13,243	27,901	20,870	46,590	53,999	14,924	14,859
February .....	22,687	12,661	22,677	16,743	48,496	56,916	15,412	16,629
March .....	22,253	11,268	15,482	14,666	52,896	60,604	13,278	17,190
April .....	20,693	10,534	12,582	13,443	59,402	62,211	13,368	18,696
May .....	19,420	9,144	13,608	12,632	62,596	60,049	13,467	18,698
June .....	18,600	10,996	24,246	30,181	58,558	60,160	12,810	17,976
July .....	19,238	12,352	35,802	41,318	57,772	58,276	10,447	16,534
August .....	18,517	13,146	38,821	50,058	62,386	60,197	11,281	16,117
September .....	16,027	12,725	41,607	54,779	58,852	55,390	12,048	16,875
October .....	13,036	13,195	35,675	55,093	52,522	47,346	11,522	17,056
November .....	12,334	12,778	30,451	48,631	56,293	48,431	11,026	16,801
December .....	12,803	12,174	27,190	44,156	57,472	51,663	12,375	17,160

See footnote(s) at end of table.



**Table 4-48.—Frozen Vegetables and potato products: Cold storage holdings, United States, 2017 and 2018—Continued**

End of the month	Blackeye peas		Green peas		Peas & carrots mixed		Spinach	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January .....	1,806	1,606	294,248	247,040	7,052	7,454	52,754	51,346
February .....	1,758	1,655	267,497	223,679	7,082	8,135	53,051	50,691
March .....	1,440	1,512	238,263	198,966	7,843	7,410	55,467	50,882
April .....	1,477	1,357	205,494	190,125	8,829	8,083	64,293	51,731
May .....	1,308	1,407	191,203	177,152	8,820	7,758	69,307	57,378
June .....	1,804	1,293	322,460	284,008	8,989	6,754	68,427	57,896
July .....	1,728	2,089	428,002	341,193	8,965	7,424	66,484	52,689
August .....	1,900	2,009	410,645	319,549	8,685	7,605	61,732	44,851
September .....	2,048	2,000	381,666	303,905	8,985	6,947	55,186	40,251
October .....	2,015	2,037	342,202	268,892	9,184	7,457	54,843	38,782
November .....	1,564	1,790	305,457	244,288	8,819	6,928	55,327	35,439
December .....	1,484	1,479	277,206	207,808	7,914	7,262	50,731	30,994
End of the month	Squash		Vegetables, mixed		Vegetables, other		Total frozen vegetables	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January .....	60,266	65,820	68,538	59,410	447,244	563,016	2,407,467	2,412,935
February .....	57,026	59,535	68,978	60,105	447,065	504,878	2,256,599	2,221,899
March .....	52,372	54,323	72,412	53,310	451,698	461,985	2,125,683	2,018,060
April .....	51,233	50,724	73,221	52,886	416,977	406,018	1,954,194	1,838,259
May .....	50,246	48,427	69,127	54,013	385,932	376,945	1,803,619	1,682,452
June .....	48,617	44,881	69,734	56,417	397,044	377,555	1,814,249	1,706,512
July .....	44,080	44,933	67,369	60,139	418,221	422,205	1,938,093	1,867,749
August .....	48,758	46,032	72,540	66,995	518,807	502,853	2,366,067	2,276,179
September .....	52,799	48,877	74,115	63,700	618,682	569,778	2,731,834	2,544,579
October .....	59,392	61,029	71,407	60,301	660,094	623,597	2,866,104	2,669,876
November .....	66,595	60,200	68,516	56,423	646,967	603,165	2,788,626	2,548,102
December .....	66,948	60,482	57,762	53,845	626,616	582,039	2,626,013	2,374,166
End of the month	Frozen potatoes							
	French fries		Other frozen potatoes		Total frozen potatoes			
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January .....	952,318	1,001,232	243,361	257,077	1,195,679	1,258,309		
February .....	957,302	997,602	253,280	267,617	1,210,582	1,265,219		
March .....	950,310	964,870	262,027	260,942	1,212,337	1,225,812		
April .....	949,450	938,695	270,257	254,107	1,219,707	1,192,802		
May .....	937,978	889,808	271,298	266,879	1,209,276	1,156,687		
June .....	954,888	941,336	275,721	270,621	1,230,609	1,211,957		
July .....	922,100	859,456	279,584	237,286	1,201,684	1,096,742		
August .....	919,604	898,725	270,595	242,029	1,190,199	1,140,754		
September .....	976,777	932,954	260,202	252,068	1,236,979	1,185,022		
October .....	1,002,723	1,002,221	270,789	248,025	1,273,512	1,250,246		
November .....	1,010,300	962,841	263,835	235,592	1,274,135	1,198,433		
December .....	940,958	944,230	242,085	230,329	1,183,043	1,174,559		

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