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# Vegetables 2018 Summary

## March 2019

# USDA





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## Vegetable Highlights

In 2018, the Nation's production for the 26 estimated vegetable and melon crops totaled 753 million cwt, 1 percent below the final 754 million cwt estimated in 2017. The utilized production totaled 747 million cwt, 1 percent below 2017. Area harvested in 2018 was 2.50 million acres, a 3 percent reduction from the previous year. In 2018, the top three vegetables, in terms of area harvested, were sweet corn, tomatoes, and snap beans. In terms of total production, the three largest crops were tomatoes, sweet corn, and onions, which combined accounted for 56 percent of the all vegetables total.

The value of utilized production for 2018 vegetable crops was \$12.9 billion, down 12 percent from the previous year. Tomatoes, head lettuce, and romaine lettuce claimed the highest values, accounting for 31 percent of the total value of production when combined. For the 26 selected vegetables and melons estimated in 2018, California continued to be the leading State in terms of area harvested, utilized production, and value of production.

**Principal Vegetable Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value by Crop – United States: 2016-2018**

Crop	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Artichokes .....	6,800	7,200	6,900	6,800	7,200	6,900
Asparagus .....	27,600	27,600	22,900	25,900	26,300	21,700
Beans, lima .....	26,000	24,550	25,100	25,350	24,100	23,750
Beans, snap .....	249,600	221,800	235,400	237,100	212,100	221,500
Broccoli .....	132,300	129,600	114,900	131,300	128,600	113,900
Cabbage .....	59,000	62,900	58,300	56,800	60,600	54,200
Cantaloupes .....	60,200	64,900	62,300	59,000	63,250	60,700
Carrots .....	78,900	80,200	80,800	77,500	75,900	79,800
Cauliflower .....	41,900	46,700	44,100	41,900	45,800	43,900
Celery .....	33,700	32,200	30,400	33,100	31,800	30,200
Corn, sweet .....	498,300	484,800	494,600	478,400	464,600	473,100
Cucumbers .....	119,600	119,100	114,300	114,700	117,200	110,900
Garlic .....	30,100	33,000	33,000	30,100	33,000	32,800
Honeydews .....	12,100	11,600	14,900	12,100	11,600	14,900
Lettuce						
Head .....	143,000	141,500	120,700	142,300	140,700	120,300
Leaf .....	69,500	67,500	69,900	69,300	67,200	69,300
Romaine .....	106,200	118,000	101,500	105,100	117,400	99,600
Onions .....	154,000	154,700	135,100	147,900	151,500	130,200
Pea, green .....	151,500	144,700	141,000	139,300	134,200	131,100
Peppers, bell .....	45,700	43,500	41,600	44,300	42,200	39,700
Peppers, chile .....	19,100	17,100	14,900	18,200	16,000	14,200
Pumpkins .....	79,100	77,200	73,600	74,600	72,300	65,900
Spinach .....	59,200	66,150	62,850	57,900	64,730	61,450
Squash .....	47,700	47,300	47,400	46,100	45,900	44,800
Tomatoes .....	354,900	320,900	330,800	349,100	310,500	321,900
Watermelons .....	116,800	115,000	116,200	112,000	107,800	111,400
Total .....	2,722,800	2,659,700	2,593,450	2,636,150	2,572,480	2,498,100
Strawberries .....	54,600	54,700	49,900	53,760	53,200	49,220

See footnote(s) at end of table.

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**Principal Vegetable Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value by Crop – United States: 2016-2018 (continued)**

Crop	Yield per acre			Total production		
	2016 (cwt)	2017 (cwt)	2018 (cwt)	2016 (1,000 cwt)	2017 (1,000 cwt)	2018 (1,000 cwt)
Artichokes .....	145.0	130.0	145.0	986.0	936.0	1,000.5
Asparagus .....	32.2	32.0	36.0	832.8	841.1	781.8
Beans, lima .....	29.9	27.8	28.7	757.2	671.0	681.7
Beans, snap .....	84.4	85.2	79.4	20,021.0	18,076.3	17,595.2
Broccoli .....	171.1	158.5	151.7	22,466.0	20,384.0	17,273.0
Cabbage .....	390.8	393.2	359.9	22,196.5	23,826.0	19,507.5
Cantaloupes .....	256.4	243.4	240.6	15,125.3	15,394.8	14,607.0
Carrots .....	409.5	408.4	413.8	31,739.0	31,001.0	33,018.0
Cauliflower .....	178.1	198.1	211.5	7,461.0	9,074.5	9,286.0
Celery .....	534.0	505.9	589.4	17,676.0	16,089.0	17,799.0
Corn, sweet .....	151.8	162.9	154.9	72,637.0	75,674.4	73,279.7
Cucumbers .....	151.0	161.4	139.3	17,320.9	18,912.8	15,450.4
Garlic .....	150.0	155.0	175.0	4,515.0	5,115.0	5,740.0
Honeydews .....	325.0	290.0	310.0	3,932.5	3,364.0	4,619.0
Lettuce						
Head .....	378.4	351.1	337.2	53,841.0	49,395.5	40,561.0
Leaf .....	223.5	203.5	162.7	15,486.0	13,675.0	11,277.0
Romaine .....	322.5	309.3	293.5	33,894.0	36,308.0	29,233.0
Onions .....	566.5	543.8	556.1	83,790.5	82,389.0	72,409.0
Pea, green .....	44.0	44.8	38.7	6,123.5	6,012.4	5,071.7
Peppers, bell .....	331.8	341.0	324.8	14,698.5	14,390.0	12,895.0
Peppers, chile .....	229.5	208.5	187.7	4,176.6	3,336.0	2,665.0
Pumpkins .....	230.3	220.2	228.5	17,181.0	15,919.6	15,058.4
Spinach .....	148.2	125.0	138.0	8,580.5	8,090.6	8,480.5
Squash .....	176.9	174.5	165.0	8,156.2	8,009.1	7,392.5
Tomatoes .....	813.3	791.2	863.8	283,911.7	245,654.5	278,071.0
Watermelons .....	356.7	378.3	350.5	39,949.5	40,781.5	39,045.0
Total .....	(X)	(X)	(X)	807,455.2	763,321.1	752,797.9
Strawberries .....	550.7	511.4	580.6	29,606.9	27,208.0	28,577.9

See footnote(s) at end of table.

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**Principal Vegetable Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value by Crop – United States: 2016-2018 (continued)**

Crop	Harvested not sold			Utilized production		
	2016 (1,000 cwt)	2017 (1,000 cwt)	2018 (1,000 cwt)	2016 (1,000 cwt)	2017 (1,000 cwt)	2018 (1,000 cwt)
Artichokes .....	-	-	-	986.0	936.0	1,000.5
Asparagus .....	0.2	2.0	7.1	832.6	839.1	774.7
Beans, lima .....	-	-	4.8	757.2	671.0	676.9
Beans, snap .....	19.6	36.7	30.0	20,001.4	18,039.6	17,565.2
Broccoli .....	-	-	-	22,466.0	20,384.0	17,273.0
Cabbage .....	-	31.0	191.2	22,196.5	23,795.0	19,316.3
Cantaloupes .....	-	2.8	4.2	15,125.3	15,392.0	14,602.8
Carrots .....	-	5.0	82.4	31,739.0	30,996.0	32,935.6
Cauliflower .....	-	24.1	8.1	7,461.0	9,050.4	9,277.9
Celery .....	-	44.5	16.7	17,676.0	16,044.5	17,782.3
Corn, sweet .....	-	305.0	78.4	72,637.0	75,369.4	73,201.3
Cucumbers .....	-	25.8	29.6	17,320.9	18,887.0	15,420.8
Garlic .....	-	-	-	4,515.0	5,115.0	5,740.0
Honeydews .....	-	-	-	3,932.5	3,364.0	4,619.0
Lettuce						
Head .....	-	-	-	53,841.0	49,395.5	40,561.0
Leaf .....	-	-	-	15,486.0	13,675.0	11,277.0
Romaine .....	-	-	203.6	33,894.0	36,308.0	29,029.4
Onions .....	6,565.6	1,828.4	1,523.4	77,224.9	80,560.6	70,885.6
Pea, green .....	-	-	3.1	6,123.5	6,012.4	5,068.6
Peppers, bell .....	-	196.9	30.8	14,698.5	14,193.1	12,864.2
Peppers, chile .....	5.4	-	-	4,171.2	3,336.0	2,665.0
Pumpkins .....	84.5	319.0	266.1	17,096.5	15,600.6	14,792.3
Spinach .....	-	-	-	8,580.5	8,090.6	8,480.5
Squash .....	-	39.1	142.2	8,156.2	7,970.0	7,250.3
Tomatoes .....	-	5,599.3	2,595.4	283,911.7	240,055.2	275,475.6
Watermelons .....	-	495.2	196.2	39,949.5	40,286.3	38,848.8
Total .....	6,675.3	8,954.8	5,413.3	800,779.9	754,366.3	747,384.6
Strawberries .....	28.3	33.3	27.0	29,578.6	27,174.7	28,550.9

See footnote(s) at end of table.

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**Principal Vegetable Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value by Crop – United States: 2016-2018 (continued)**

Crop	Price per cwt			Value of utilized production		
	2016 (dollars)	2017 (dollars)	2018 (dollars)	2016 (1,000 dollars)	2017 (1,000 dollars)	2018 (1,000 dollars)
Artichokes .....	78.80	70.00	63.00	77,697	65,520	63,032
Asparagus .....	110.00	120.00	113.00	91,689	100,672	87,584
Beans, lima .....	27.90	29.10	31.90	21,093	19,493	21,622
Beans, snap .....	20.20	19.40	20.70	403,923	349,445	363,506
Broccoli .....	37.70	45.40	42.80	846,595	925,716	738,527
Cabbage .....	20.20	18.10	21.20	448,454	431,307	409,446
Cantaloupes .....	17.20	19.20	22.70	260,565	295,975	331,542
Carrots .....	24.80	22.50	22.20	786,819	696,129	731,504
Cauliflower .....	55.70	45.90	45.80	415,761	415,737	425,350
Celery .....	18.10	20.10	25.00	319,321	322,047	444,013
Corn, sweet .....	12.00	11.80	11.70	870,621	892,179	858,862
Cucumbers .....	19.90	20.80	21.60	345,157	392,013	332,867
Garlic .....	74.00	76.30	78.90	333,905	390,021	452,599
Honeydews .....	19.10	28.00	19.60	75,111	94,192	90,532
Lettuce						
Head .....	26.70	35.90	30.10	1,435,131	1,774,522	1,219,857
Leaf .....	46.20	60.90	51.90	714,780	833,077	585,299
Romaine .....	30.40	44.80	31.00	1,031,656	1,628,136	901,186
Onions .....	13.70	12.90	11.50	1,059,318	1,042,090	817,496
Pea, green .....	13.50	14.20	12.80	82,821	85,475	64,901
Peppers, bell .....	33.10	44.10	41.50	486,000	625,577	533,307
Peppers, chile .....	34.80	34.00	35.60	144,964	113,562	94,767
Pumpkins .....	13.50	12.60	12.90	231,561	196,541	190,162
Spinach .....	44.10	58.20	49.90	378,345	470,860	422,879
Squash .....	24.50	29.60	26.60	199,931	235,613	192,922
Tomatoes .....	7.10	6.99	6.74	2,017,005	1,677,960	1,856,280
Watermelons .....	13.70	14.70	16.90	546,755	594,033	656,655
Total .....	(X)	(X)	(X)	13,624,978	14,667,892	12,886,697
Strawberries .....	110.00	107.00	93.50	3,243,711	2,895,813	2,670,523

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

**Principal Vegetable Fresh Market and Processing Area Planted and Harvested, Production, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016 (acres)	2017 (acres)	2018 (acres)	2016 (acres)	2017 (acres)	2018 (acres)
Alabama .....	3,600	5,600	6,000	3,500	5,400	5,900
Arizona .....	125,800	129,900	(D)	125,200	127,000	(D)
California .....	1,073,400	1,059,100	1,007,400	1,062,500	1,039,900	994,200
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	176,200	178,700	184,000	165,900	172,700	176,700
Georgia .....	98,900	97,100	102,900	94,800	91,900	95,400
Idaho .....	18,200	16,700	12,600	17,900	16,400	12,300
Illinois .....	57,900	48,800	40,900	55,300	46,100	38,850
Indiana .....	32,400	28,500	29,200	31,300	27,800	28,000
Maryland .....	19,300	(D)	(D)	18,800	(D)	(D)
Michigan .....	113,900	110,800	107,700	109,500	107,500	101,900
Minnesota .....	179,600	176,800	171,000	167,300	165,100	160,600
Missouri .....	2,800	3,100	(D)	2,700	3,000	(D)
New Jersey .....	29,900	30,000	30,300	28,800	28,800	28,500
New Mexico .....	15,400	15,400	14,900	14,800	14,700	14,400
New York .....	99,300	94,300	97,300	92,800	90,100	88,900
North Carolina .....	39,600	38,300	40,700	38,000	37,300	36,500
Ohio .....	24,700	22,200	22,700	23,100	21,300	21,500
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania .....	31,000	29,300	32,000	29,100	27,650	26,800
South Carolina .....	11,200	(D)	10,700	10,600	(D)	10,300
Tennessee .....	16,000	11,700	13,800	15,200	11,300	12,700
Texas .....	71,600	73,700	67,500	64,600	67,600	62,000
Virginia .....	(D)	6,250	6,400	(D)	6,000	5,800
Washington .....	167,800	160,400	147,700	163,400	154,300	144,100
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	314,300	323,050	447,750	301,050	310,630	432,750
United States .....	2,722,800	2,659,700	2,593,450	2,636,150	2,572,480	2,498,100

See footnote(s) at end of table.

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**Principal Vegetable Fresh Market and Processing Area Planted and Harvested, Production, and Value  
– States and United States: 2016-2018(continued)**

State	Total production			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Alabama .....	329.0	756.0	619.5	329.0	756.0	615.2
Arizona .....	35,613.6	35,019.0	(D)	35,613.6	35,019.0	(D)
California .....	482,377.7	437,802.4	453,691.1	482,377.7	432,410.5	451,435.6
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	33,487.0	38,117.5	34,316.0	33,487.0	37,647.7	33,406.5
Georgia .....	20,426.0	21,770.6	17,731.3	20,426.0	21,376.3	17,702.3
Idaho .....	12,244.0	9,491.5	7,827.0	10,771.2	9,390.5	7,808.6
Illinois .....	10,537.0	9,204.2	7,980.0	10,537.0	9,069.0	7,949.0
Indiana .....	9,930.5	9,018.2	10,219.2	9,930.5	9,017.2	10,206.6
Maryland .....	2,997.4	(D)	(D)	2,997.4	(D)	(D)
Michigan .....	18,493.0	19,181.6	16,683.2	18,493.0	19,166.0	16,633.1
Minnesota .....	18,443.3	21,166.5	17,454.8	18,430.1	21,027.4	17,430.1
Missouri .....	1,053.0	705.0	(D)	1,053.0	702.2	(D)
New Jersey .....	4,121.2	4,197.4	3,533.3	4,120.5	4,188.9	3,262.7
New Mexico .....	4,930.0	6,082.0	4,997.0	4,930.0	6,082.0	4,997.0
New York .....	12,911.0	15,265.9	12,774.8	12,911.0	14,782.0	12,538.4
North Carolina .....	6,684.9	7,458.6	6,614.5	6,684.9	7,351.4	6,506.4
Ohio .....	4,900.0	4,732.5	4,913.0	4,900.0	4,707.5	4,899.0
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania .....	2,711.3	2,731.1	2,034.0	2,711.3	2,678.5	1,982.2
South Carolina .....	3,060.0	(D)	2,501.4	3,060.0	(D)	2,495.3
Tennessee .....	2,068.8	1,786.9	1,626.6	2,068.8	1,759.2	1,584.1
Texas .....	16,485.5	14,692.5	16,304.3	16,338.8	14,456.0	16,181.7
Virginia .....	(D)	1,418.8	1,143.2	(D)	1,413.9	1,104.3
Washington .....	45,659.4	43,145.8	40,206.3	42,940.2	41,868.9	39,330.3
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	57,991.6	59,577.1	89,627.4	55,668.9	59,496.2	89,316.2
United States .....	807,455.2	763,321.1	752,797.9	800,779.9	754,366.3	747,384.6

See footnote(s) at end of table.

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**Principal Vegetable Fresh Market and Processing Area Planted and Harvested, Production, and Value – States and United States: 2016-2018 (continued)**

State	Value of utilized production		
	2016 (1,000 dollars)	2017 (1,000 dollars)	2018 (1,000 dollars)
Alabama .....	4,442	16,659	15,379
Arizona .....	1,310,023	1,635,572	(D)
California .....	7,709,668	8,561,502	7,354,601
Colorado .....	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)
Florida .....	1,091,277	1,078,197	1,121,981
Georgia .....	447,109	476,744	452,589
Idaho .....	75,346	85,740	60,831
Illinois .....	86,087	43,077	39,577
Indiana .....	101,818	96,292	97,104
Maryland .....	38,233	(D)	(D)
Michigan .....	286,433	301,363	273,314
Minnesota .....	105,154	110,856	116,288
Missouri .....	12,192	8,445	(D)
New Jersey .....	158,862	162,394	138,376
New Mexico .....	145,493	129,043	121,691
New York .....	270,318	246,805	209,556
North Carolina .....	177,098	170,273	145,105
Ohio .....	109,222	94,499	103,222
Oregon .....	(D)	(D)	(D)
Pennsylvania .....	69,123	76,175	60,639
South Carolina .....	68,462	(D)	68,470
Tennessee .....	78,190	76,431	66,984
Texas .....	240,298	283,237	305,255
Virginia .....	(D)	54,146	38,630
Washington .....	427,937	368,660	353,031
Wisconsin .....	(D)	(D)	(D)
Other States <sup>1</sup> .....	612,193	591,782	1,744,074
United States .....	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.

**Artichokes for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	6,800	7,200	6,900	6,800	7,200	6,900
United States .....	6,800	7,200	6,900	6,800	7,200	6,900
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	145.0	130.0	145.0	986.0	936.0	1,000.5
United States .....	145.0	130.0	145.0	986.0	936.0	1,000.5
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	-	-	986.0	936.0	1,000.5
United States .....	-	-	-	986.0	936.0	1,000.5
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	78.80	70.00	63.00	77,697	65,520	63,032
United States .....	78.80	70.00	63.00	77,697	65,520	63,032

- Represents zero.

## Artichoke Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
California .....	986.0	936.0	1,000.5			
United States .....	986.0	936.0	1,000.5			
Utilization and State	Utilized production					
	2016	2017	2018			
	(tons)	(tons)	(tons)			
<b>Processing</b>						
California .....	-	-	-			
United States .....	-	-	-			
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	78.80	70.00	63.00	77,697	65,520	63,032
United States .....	78.80	70.00	63.00	77,697	65,520	63,032
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(X)	(X)	(X)	-	-	-
United States .....	(X)	(X)	(X)	-	-	-

- Represents zero.

(X) Not applicable.

**Asparagus for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
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			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
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	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	2.0	1.8	216.0	198.0	178.2
Michigan .....	-	-	-	260.0	305.1	266.0
New Jersey .....	0.2	-	-	83.8	71.4	69.3
Washington .....	-	-	5.3	272.8	264.6	261.2
United States .....	0.2	2.0	7.1	832.6	839.1	774.7
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
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

- Represents zero.



## Asparagus Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh market</b>			
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

Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
California .....	-	-	-
Michigan .....	(D)	8,055	6,650
New Jersey .....	-	(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			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	141.00	175.00	149.00	30,456	34,650	26,552
Michigan .....	(D)	92.00	95.00	(D)	13,248	12,635
New Jersey .....	171.00	(D)	(D)	14,330	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	90.10	123.00	117.00	31,502	38,201	35,988
United States .....	117.00	132.00	122.00	76,288	86,099	75,175

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(X)	(X)	(X)	-	-	-
Michigan .....	(D)	1,600.00	1,600.00	(D)	12,888	10,640
New Jersey .....	(X)	(D)	(D)	-	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	1,680.00	1,350.00	1,470.00	15,401	1,685	1,769
United States .....	1,680.00	1,570.00	1,580.00	15,401	14,573	12,409

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

## Green Lima Beans for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018

[Dry edible beans are excluded]

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	3,600	3,000	4,800	3,500	2,900	4,800
Delaware .....	(D)	9,600	8,200	(D)	9,500	7,800
Illinois .....	1,600	1,500	500	1,500	1,400	450
Maryland .....	(D)	2,200	2,400	(D)	2,200	2,200
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(D)	450	400	(D)	400	300
Washington .....	2,900	2,200	2,200	2,900	2,200	2,200
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	17,900	5,600	6,600	17,450	5,500	6,000
United States .....	26,000	24,550	25,100	25,350	24,100	23,750
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	27.0	21.0	32.0	94.5	60.9	153.6
Delaware .....	(D)	26.0	23.0	(D)	247.0	179.4
Illinois .....	30.0	30.0	36.0	45.0	42.0	16.2
Maryland .....	(D)	35.0	30.0	(D)	77.0	66.0
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(D)	7.0	19.0	(D)	2.8	5.7
Washington .....	37.0	50.0	42.0	107.3	110.0	92.4
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	29.0	24.0	28.0	510.4	131.3	168.4
United States .....	29.9	27.8	28.7	757.2	671.0	681.7
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	-	-	94.5	60.9	153.6
Delaware .....	-	-	-	(D)	247.0	179.4
Illinois .....	-	-	-	45.0	42.0	16.2
Maryland .....	-	-	-	(D)	77.0	66.0
Oregon .....	-	-	(D)	(D)	(D)	(D)
Virginia .....	-	-	-	(D)	2.8	5.7
Washington .....	-	-	-	107.3	110.0	92.4
Wisconsin .....	-	-	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	-	-	4.8	510.4	131.3	163.6
United States .....	-	-	4.8	757.2	671.0	676.9

See footnote(s) at end of table.

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**Green Lima Beans for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

[Dry edible beans are excluded]

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	45.70	48.90	47.90	4,314	2,981	7,350
Delaware .....	(D)	28.80	31.20	(D)	7,125	5,597
Illinois .....	18.20	21.20	18.00	819	891	292
Maryland .....	(D)	27.70	28.00	(D)	2,132	1,851
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(D)	100.00	90.00	(D)	280	513
Washington .....	36.80	31.40	27.50	3,953	3,449	2,541
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	23.50	20.10	21.30	12,007	2,635	3,478
United States .....	27.90	29.10	31.90	21,093	19,493	21,622

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Includes data withheld above.

## Green Lima Bean Production, Price, and Value by Utilization – States and United States: 2016-2018

[Dry edible beans are excluded]

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
California .....	-	-	-			
Delaware .....	(D)	(D)	(D)			
Illinois .....	-	(D)	(D)			
Maryland .....	(D)	(D)	(D)			
Oregon .....	(D)	(D)	(D)			
Virginia .....	(D)	2.8	5.7			
Washington .....	(D)	(D)	(D)			
Wisconsin .....	(D)	(D)	(D)			
Other States <sup>1</sup> .....	12.9	3.7	1.3			
United States .....	12.9	6.5	7.0			
Utilization and State	Utilized production					
	2016	2017	2018			
	(tons)	(tons)	(tons)			
<b>Processing</b>						
California .....	4,725	3,045	7,680			
Delaware .....	(D)	(D)	(D)			
Illinois .....	2,250	(D)	(D)			
Maryland .....	(D)	(D)	(D)			
Oregon .....	(D)	(D)	(D)			
Virginia .....	(D)	-	-			
Washington .....	(D)	(D)	(D)			
Wisconsin .....	(D)	(D)	(D)			
Other States <sup>1</sup> .....	30,240	30,181	25,815			
United States .....	37,215	33,226	33,495			
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	(X)	(X)	(X)	-	-	-
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Illinois .....	(X)	(D)	(D)	-	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(D)	100.00	90.00	(D)	280	513
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	150.00	153.00	130.00	1,937	566	169
United States .....	150.00	130.00	97.40	1,937	846	682

See footnote(s) at end of table.

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**Green Lima Bean Production, Price, and Value by Utilization – States and United States:  
2016-2018 (continued)**

[Dry edible beans are excluded]

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	913.00	979.00	957.00	4,314	2,981	7,350
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Illinois .....	364.00	(D)	(D)	819	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(D)	(X)	(X)	(D)	-	-
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	464.00	519.00	526.00	14,023	15,666	13,590
United States .....	515.00	561.00	625.00	19,156	18,647	20,940

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Snap Beans for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	7,000	7,700	8,000	7,000	7,600	7,900
Delaware .....	2,300	2,200	1,900	2,200	2,200	1,700
Florida .....	30,000	28,000	33,000	29,500	27,500	31,500
Georgia .....	14,100	12,500	12,200	13,400	10,600	11,900
Illinois .....	15,600	8,000	9,000	15,200	7,500	8,800
Indiana .....	3,200	2,500	2,700	3,000	2,400	2,600
Maryland .....	4,400	3,000	3,000	4,400	3,000	3,000
Michigan .....	19,300	18,300	21,000	18,400	17,800	18,200
Minnesota .....	5,200	4,800	2,900	5,000	4,700	2,800
New Jersey .....	2,900	2,800	2,900	2,700	2,600	2,700
New York .....	30,600	25,000	28,000	28,300	24,000	26,300
North Carolina .....	5,000	5,100	5,600	4,600	5,000	4,800
Oregon .....	12,200	11,900	11,600	12,100	11,900	11,500
Pennsylvania .....	10,000	7,500	9,500	9,400	7,200	8,700
Tennessee .....	10,600	6,400	7,900	10,200	6,300	7,100
Texas .....	2,500	6,800	3,000	2,200	6,700	2,800
Washington .....	2,900	2,700	3,200	2,900	2,600	3,200
Wisconsin .....	71,800	66,600	70,000	66,600	62,500	66,000
United States .....	249,600	221,800	235,400	237,100	212,100	221,500

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	120.00	105.0	115.0	840.0	798.0	908.5
Delaware .....	65.00	60.0	60.0	143.0	132.0	102.0
Florida .....	55.00	58.0	50.0	1,622.5	1,595.0	1,575.0
Georgia .....	55.00	61.0	47.0	737.0	646.6	559.3
Illinois .....	85.00	80.0	91.0	1,292.0	600.0	800.8
Indiana .....	91.00	78.0	72.0	273.0	187.2	187.2
Maryland .....	65.00	74.0	60.0	286.0	222.0	180.0
Michigan .....	91.00	100.0	75.0	1,674.4	1,780.0	1,365.0
Minnesota .....	73.00	105.0	77.0	365.0	493.5	215.6
New Jersey .....	34.00	39.0	44.0	91.8	101.4	118.8
New York .....	70.00	73.0	80.0	1,981.0	1,752.0	2,104.0
North Carolina .....	39.00	37.0	45.0	179.4	185.0	216.0
Oregon .....	135.00	130.0	125.0	1,633.5	1,547.0	1,437.5
Pennsylvania .....	57.00	67.0	59.0	535.8	482.4	513.3
Tennessee .....	64.00	61.0	38.0	652.8	384.3	269.8
Texas .....	55.00	60.0	70.0	121.0	402.0	196.0
Washington .....	92.00	79.0	77.0	266.8	205.4	246.4
Wisconsin .....	110.00	105.0	100.0	7,326.0	6,562.5	6,600.0
United States .....	84.40	85.2	79.4	20,021.0	18,076.3	17,595.2

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**Snap Beans for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	1.6	-	840.0	796.4	908.5
Delaware .....	-	-	-	143.0	132.0	102.0
Florida .....	-	22.3	7.9	1,622.5	1,572.7	1,567.1
Georgia .....	-	-	-	737.0	646.6	559.3
Illinois .....	-	-	-	1,292.0	600.0	800.8
Indiana .....	-	-	-	273.0	187.2	187.2
Maryland .....	-	-	-	286.0	222.0	180.0
Michigan .....	-	1.8	-	1,674.4	1,778.2	1,365.0
Minnesota .....	-	4.9	0.2	365.0	488.6	215.4
New Jersey .....	0.5	-	1.2	91.3	101.4	117.6
New York .....	-	3.5	-	1,981.0	1,748.5	2,104.0
North Carolina .....	-	0.7	1.7	179.4	184.3	214.3
Oregon .....	11.4	-	-	1,622.1	1,547.0	1,437.5
Pennsylvania .....	-	-	1.5	535.8	482.4	511.8
Tennessee .....	-	1.9	4.3	652.8	382.4	265.5
Texas .....	2.9	-	-	118.1	402.0	196.0
Washington .....	4.8	-	-	262.0	205.4	246.4
Wisconsin .....	-	-	13.2	7,326.0	6,562.5	6,586.8
United States .....	19.6	36.7	30.0	20,001.4	18,039.6	17,565.2

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	68.70	69.70	76.00	57,689	55,532	69,008
Delaware .....	18.60	19.10	23.40	2,660	2,522	2,385
Florida .....	51.00	51.80	42.80	82,701	81,453	67,000
Georgia .....	38.60	31.10	50.10	28,435	20,124	28,025
Illinois .....	16.60	6.25	11.60	21,435	3,750	9,294
Indiana .....	17.60	15.50	16.70	4,806	2,893	3,123
Maryland .....	18.10	19.20	19.20	5,185	4,264	3,456
Michigan .....	19.30	14.60	15.80	32,263	25,898	21,520
Minnesota .....	10.40	6.45	21.90	3,804	3,153	4,714
New Jersey .....	37.10	44.80	50.90	3,386	4,539	5,986
New York .....	26.30	20.50	16.20	52,146	35,881	34,023
North Carolina .....	32.50	36.40	37.40	5,829	6,704	8,020
Oregon .....	10.70	17.70	16.40	17,419	27,429	23,596
Pennsylvania .....	16.90	21.20	18.50	9,075	10,220	9,472
Tennessee .....	38.70	32.90	39.70	25,239	12,580	10,544
Texas .....	10.60	9.00	29.20	1,249	3,618	5,723
Washington .....	19.00	42.70	31.90	4,968	8,770	7,856
Wisconsin .....	6.23	6.11	7.55	45,634	40,115	49,761
United States .....	20.20	19.40	20.70	403,923	349,445	363,506

- Represents zero.

<sup>1</sup> Includes data withheld above and/or data for States not listed in this table.

## Snap Bean Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh Market</b>			
California .....	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)
Florida .....	1,453.8	1,424.3	1,085.2
Georgia .....	585.2	(D)	469.8
Illinois .....	144.7	6.0	144.1
Indiana .....	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)
Michigan .....	256.2	202.9	158.3
Minnesota .....	(D)	6.9	34.1
New Jersey .....	70.6	(D)	117.6
New York .....	435.8	(D)	202.0
North Carolina .....	(D)	(D)	(D)
Oregon .....	(D)	(D)	(D)
Pennsylvania .....	141.5	(D)	99.6
Tennessee .....	(D)	(D)	(D)
Texas .....	(D)	(D)	196.0
Washington .....	(D)	(D)	(D)
Wisconsin .....	7.3	105.0	330.0
Other States <sup>1</sup> .....	1,115.1	2,025.9	1,188.0
United States .....	4,210.2	3,771.0	4,024.7
Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
California .....	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)
Florida .....	8,437	7,417	24,098
Georgia .....	7,591	(D)	4,474
Illinois .....	57,365	29,700	32,833
Indiana .....	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)
Michigan .....	70,911	78,765	60,333
Minnesota .....	(D)	24,083	9,066
New Jersey .....	1,037	(D)	-
New York .....	77,259	(D)	95,101
North Carolina .....	(D)	(D)	(D)
Oregon .....	(D)	(D)	(D)
Pennsylvania .....	19,717	(D)	20,609
Tennessee .....	(D)	(D)	(D)
Texas .....	(D)	(D)	-
Washington .....	(D)	(D)	(D)
Wisconsin .....	365,934	322,875	312,840
Other States <sup>1</sup> .....	181,314	250,593	117,673
United States .....	789,565	713,433	677,027

See footnote(s) at end of table.

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**Snap Bean Production, Price, and Value by Utilization – States and United States:  
2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	55.00	55.60	55.10	79,959	79,191	59,795
Georgia .....	44.70	(D)	56.70	26,158	(D)	26,638
Illinois .....	96.60	65.60	40.80	13,978	394	5,879
Indiana .....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	59.50	50.00	54.00	15,244	10,145	8,548
Minnesota .....	(D)	73.10	109.00	(D)	504	3,717
New Jersey .....	43.50	(D)	50.90	3,071	(D)	5,986
New York .....	84.20	(D)	85.10	36,694	(D)	17,190
North Carolina .....	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania .....	24.70	(D)	44.00	3,495	(D)	4,382
Tennessee .....	(D)	(D)	(D)	(D)	(D)	(D)
Texas .....	(D)	(D)	29.20	(D)	(D)	5,723
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	35.30	43.80	52.20	258	4,599	17,226
Other States <sup>1</sup> .....	66.40	59.40	72.00	74,074	120,323	85,507
United States .....	60.10	57.10	59.80	252,931	215,156	240,591
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	325.00	305.00	299.00	2,742	2,262	7,205
Georgia .....	300.00	(D)	310.00	2,277	(D)	1,387
Illinois .....	130.00	113.00	104.00	7,457	3,356	3,415
Indiana .....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	240.00	200.00	215.00	17,019	15,753	12,972
Minnesota .....	(D)	110.00	110.00	(D)	2,649	997
New Jersey .....	304.00	(D)	(X)	315	(D)	-
New York .....	200.00	(D)	177.00	15,452	(D)	16,833
North Carolina .....	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania .....	283.00	(D)	247.00	5,580	(D)	5,090
Tennessee .....	(D)	(D)	(D)	(D)	(D)	(D)
Texas .....	(D)	(D)	(X)	(D)	(D)	-
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	124.00	110.00	104.00	45,376	35,516	32,535
Other States <sup>1</sup> .....	302.00	298.00	361.00	54,774	74,753	42,481
United States .....	191.00	188.00	182.00	150,992	134,289	122,915

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Broccoli for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	9,300	9,600	10,900	9,300	9,600	10,900
California .....	123,000	120,000	104,000	122,000	119,000	103,000
United States .....	132,300	129,600	114,900	131,300	128,600	113,900
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	120.0	140.0	120.0	1,116.0	1,344.0	1,308.0
California .....	175.0	160.0	155.0	21,350.0	19,040.0	15,965.0
United States .....	171.1	158.5	151.7	22,466.0	20,384.0	17,273.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	1,116.0	1,344.0	1,308.0
California .....	-	-	-	21,350.0	19,040.0	15,965.0
United States .....	-	-	-	22,466.0	20,384.0	17,273.0
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
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

- Represents zero.

## Broccoli Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016		2017		2018	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
<b>Fresh market</b>						
Arizona .....	1,116.0		1,344.0		1,308.0	
California .....	20,432.0		18,564.0		15,470.1	
United States .....	21,548.0		19,908.0		16,778.1	
Utilization and State	Utilized production					
	2016		2017		2018	
	(tons)		(tons)		(tons)	
<b>Processing</b>						
Arizona .....	-		-		-	
California .....	45,903		23,800		24,746	
United States .....	45,903		23,800		24,746	
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
Arizona .....	64.70	56.20	45.20	72,205	75,533	59,122
California .....	36.80	45.30	42.90	751,898	840,949	663,667
United States .....	38.20	46.00	43.10	824,103	916,482	722,789
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Arizona .....	(X)	(X)	(X)	-	-	-
California .....	490.00	388.00	636.00	22,492	9,234	15,738
United States .....	490.00	388.00	636.00	22,492	9,234	15,738

- Represents zero.  
(X) Not applicable.

**Cabbage for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	3,700	3,300	3,300	3,700	3,300	3,300
California .....	14,600	14,900	14,700	14,400	14,500	14,200
Florida .....	8,500	9,000	9,300	7,900	8,600	8,900
Georgia .....	4,400	4,100	4,300	4,100	3,800	2,900
Michigan .....	3,600	4,000	3,800	3,500	3,900	3,700
New York .....	11,000	13,200	11,000	10,600	12,700	10,100
North Carolina .....	3,000	2,800	3,000	2,900	2,700	2,800
Texas .....	6,100	6,400	5,500	5,700	6,000	5,000
Wisconsin .....	4,100	5,200	3,400	4,000	5,100	3,300
United States .....	59,000	62,900	58,300	56,800	60,600	54,200

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	430.0	505.0	500.0	1,591.0	1,666.5	1,650.0
California .....	400.0	380.0	340.0	5,760.0	5,510.0	4,828.0
Florida .....	340.0	360.0	360.0	2,686.0	3,096.0	3,204.0
Georgia .....	380.0	420.0	400.0	1,558.0	1,596.0	1,160.0
Michigan .....	330.0	340.0	350.0	1,155.0	1,326.0	1,295.0
New York .....	385.0	415.0	400.0	4,081.0	5,270.5	4,040.0
North Carolina .....	245.0	280.0	230.0	710.5	756.0	644.0
Texas .....	350.0	300.0	270.0	1,995.0	1,800.0	1,350.0
Wisconsin .....	665.0	550.0	405.0	2,660.0	2,805.0	1,336.5
United States .....	390.8	393.2	359.9	22,196.5	23,826.0	19,507.5

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	1,591.0	1,666.5	1,650.0
California .....	-	-	-	5,760.0	5,510.0	4,828.0
Florida .....	-	31.0	32.0	2,686.0	3,065.0	3,172.0
Georgia .....	-	-	-	1,558.0	1,596.0	1,160.0
Michigan .....	-	-	-	1,155.0	1,326.0	1,295.0
New York .....	-	-	121.2	4,081.0	5,270.5	3,918.8
North Carolina .....	-	-	38.0	710.5	756.0	606.0
Texas .....	-	-	-	1,995.0	1,800.0	1,350.0
Wisconsin .....	-	-	-	2,660.0	2,805.0	1,336.5
United States .....	-	31.0	191.2	22,196.5	23,795.0	19,316.3

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Arizona .....	31.70	17.50	20.30	50,435	29,164	33,495
California .....	27.60	28.80	37.60	158,976	158,625	181,533
Florida .....	18.40	15.50	19.80	49,422	47,508	62,806
Georgia .....	14.10	12.90	12.80	21,968	20,583	14,845
Michigan .....	13.80	11.00	11.10	15,987	14,619	14,327
New York .....	17.40	14.10	13.80	70,962	74,434	54,217
North Carolina .....	18.40	15.10	16.70	13,073	11,416	10,120
Texas .....	18.00	17.80	20.30	35,910	32,040	27,405
Wisconsin .....	11.90	15.30	8.00	31,721	42,918	10,698
United States .....	20.20	18.10	21.20	448,454	431,307	409,446

- Represents zero.

## Cabbage Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016		2017		2018	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
<b>Fresh market</b>						
Arizona .....	1,591.0	(D)	(D)	(D)	(D)	(D)
California .....	5,760.0	(D)	(D)	(D)	(D)	4,828.0
Florida .....	2,686.0	(D)	3,065.0	(D)	(D)	3,172.0
Georgia .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	686.4
New York .....	(D)	(D)	4,653.9	(D)	(D)	3,757.2
North Carolina .....	710.5	(D)	756.0	(D)	(D)	606.0
Texas .....	1,995.0	(D)	1,800.0	(D)	(D)	1,350.0
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	6,175.8	(D)	9,490.0	(D)	(D)	2,991.3
United States .....	18,918.3	(D)	19,764.9	(D)	(D)	17,390.9

  

Utilization and State	Utilized production					
	2016		2017		2018	
	(tons)		(tons)		(tons)	
<b>Processing</b>						
Arizona .....	-	(D)	(D)	(D)	(D)	(D)
California .....	-	(D)	(D)	(D)	(D)	-
Florida .....	-	(D)	(D)	(D)	(D)	-
Georgia .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	30,433
New York .....	(D)	(D)	30,832	(D)	(D)	8,080
North Carolina .....	-	(D)	(D)	(D)	(D)	-
Texas .....	-	(D)	(D)	(D)	(D)	-
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	163,908	(D)	170,681	(D)	(D)	57,761
United States .....	163,908	(D)	201,513	(D)	(D)	96,274

  

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
Arizona .....	31.70	(D)	(D)	50,435	(D)	(D)
California .....	27.60	(D)	37.60	158,976	(D)	181,533
Florida .....	18.40	15.50	19.80	49,422	47,508	62,806
Georgia .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	14.00	(D)	(D)	9,610
New York .....	(D)	15.00	14.00	(D)	69,809	52,601
North Carolina .....	18.40	15.10	16.70	13,073	11,416	10,120
Texas .....	18.00	17.80	20.30	35,910	32,040	27,405
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	16.60	24.20	17.90	102,708	229,785	53,572
United States .....	21.70	19.80	22.90	410,524	390,558	397,647

See footnote(s) at end of table.

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**Cabbage Production, Price, and Value by Utilization – States and United States: 2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Arizona .....	(X)	(D)	(D)	-	(D)	(D)
California .....	(X)	(D)	(X)	-	(D)	-
Florida .....	(X)	(X)	(X)	-	-	-
Georgia .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	155.00	(D)	(D)	4,717
New York .....	(D)	150.00	200.00	(D)	4,625	1,616
North Carolina .....	(X)	(X)	(X)	-	-	-
Texas .....	(X)	(X)	(X)	-	-	-
Wisconsin .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	231.00	212.00	94.60	37,930	36,124	5,466
United States .....	231.00	202.00	123.00	37,930	40,749	11,799

- Represents zero.  
(D) Withheld to avoid disclosing data for individual operations.  
(X) Not applicable.  
<sup>1</sup> Includes data withheld above.

**Cantaloupes for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	16,000	16,000	16,400	15,900	15,700	16,300
California .....	30,000	35,000	32,000	29,500	34,300	31,500
Florida .....	2,400	2,300	(D)	2,300	2,200	(D)
Georgia .....	4,100	4,600	(D)	4,000	4,500	(D)
Indiana .....	1,800	1,600	1,800	1,700	1,500	1,700
North Carolina .....	1,200	1,300	1,300	1,100	1,200	1,200
Pennsylvania .....	1,000	1,000	1,000	1,000	950	900
South Carolina .....	1,700	1,000	(D)	1,600	900	(D)
Texas .....	2,000	2,100	2,100	1,900	2,000	2,000
Other States <sup>1</sup> .....	-	-	7,700	-	-	7,100
United States .....	60,200	64,900	62,300	59,000	63,250	60,700

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	235.0	225.0	230.0	3,736.5	3,532.5	3,749.0
California .....	300.0	275.0	265.0	8,850.0	9,432.5	8,347.5
Florida .....	270.0	260.0	(D)	621.0	572.0	(D)
Georgia .....	170.0	140.0	(D)	680.0	630.0	(D)
Indiana .....	185.0	230.0	225.0	314.5	345.0	382.5
North Carolina .....	188.0	205.0	255.0	206.8	246.0	306.0
Pennsylvania .....	135.0	145.0	120.0	135.0	137.8	108.0
South Carolina .....	215.0	310.0	(D)	344.0	279.0	(D)
Texas .....	125.0	110.0	110.0	237.5	220.0	220.0
Other States <sup>1</sup> .....	(X)	(X)	210.0	-	-	1,494.0
United States .....	256.4	243.4	240.6	15,125.3	15,394.8	14,607.0

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	3,736.5	3,532.5	3,749.0
California .....	-	-	-	8,850.0	9,432.5	8,347.5
Florida .....	-	-	(D)	621.0	572.0	(D)
Georgia .....	-	-	(D)	680.0	630.0	(D)
Indiana .....	-	-	-	314.5	345.0	382.5
North Carolina .....	-	-	3.1	206.8	246.0	302.9
Pennsylvania .....	-	2.8	1.1	135.0	135.0	106.9
South Carolina .....	-	-	(D)	344.0	279.0	(D)
Texas .....	-	-	-	237.5	220.0	220.0
Other States <sup>1</sup> .....	-	-	-	-	-	1,494.0
United States .....	-	2.8	4.2	15,125.3	15,392.0	14,602.8

See footnote(s) at end of table.

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**Cantaloupes for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
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)	23.00	-	-	34,388
United States .....	17.20	19.20	22.70	260,565	295,975	331,542

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.



## Cantaloupe Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
Arizona .....	3,736.5	3,532.5	3,749.0			
California .....	8,850.0	9,432.5	8,347.5			
Florida .....	621.0	572.0	(D)			
Georgia .....	680.0	630.0	(D)			
Indiana .....	314.5	345.0	382.5			
North Carolina .....	206.8	246.0	302.9			
Pennsylvania .....	135.0	135.0	106.9			
South Carolina .....	344.0	279.0	(D)			
Texas .....	237.5	220.0	220.0			
Other States <sup>1</sup> .....	-	-	1,494.0			
United States .....	15,125.3	15,392.0	14,602.8			
Utilization and State	Utilized production					
	2016	2017	2018			
	(tons)	(tons)	(tons)			
<b>Processing</b>						
Arizona .....	-	-	-			
California .....	-	-	-			
Florida .....	-	-	(D)			
Georgia .....	-	-	(D)			
Indiana .....	-	-	-			
North Carolina .....	-	-	-			
Pennsylvania .....	-	-	-			
South Carolina .....	-	-	(D)			
Texas .....	-	-	-			
Other States <sup>1</sup> .....	-	-	-			
United States .....	-	-	-			
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
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

See footnote(s) at end of table.

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**Cantaloupe Production, Price, and Value by Utilization – States and United States:  
2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Arizona .....	(X)	(X)	(X)	-	-	-
California .....	(X)	(X)	(X)	-	-	-
Florida .....	(X)	(X)	(D)	-	-	(D)
Georgia .....	(X)	(X)	(D)	-	-	(D)
Indiana .....	(X)	(X)	(X)	-	-	-
North Carolina .....	(X)	(X)	(X)	-	-	-
Pennsylvania .....	(X)	(X)	(X)	-	-	-
South Carolina .....	(X)	(X)	(D)	-	-	(D)
Texas .....	(X)	(X)	(X)	-	-	-
Other States <sup>1</sup> .....	(X)	(X)	(X)	-	-	-
United States .....	(X)	(X)	(X)	-	-	-

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Carrots for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	61,000	62,500	64,800	60,000	58,500	64,300
Michigan .....	4,000	4,100	4,200	3,900	4,000	4,000
Texas .....	2,100	2,000	1,700	2,000	1,900	1,600
Washington .....	7,200	7,100	6,000	7,100	7,000	5,900
Wisconsin .....	4,600	4,500	4,100	4,500	4,500	4,000
United States .....	78,900	80,200	80,800	77,500	75,900	79,800

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	385.0	370.0	400.0	23,100.0	21,645.0	25,720.0
Michigan .....	340.0	370.0	380.0	1,326.0	1,480.0	1,520.0
Texas .....	295.0	240.0	250.0	590.0	456.0	400.0
Washington .....	630.0	700.0	620.0	4,473.0	4,900.0	3,658.0
Wisconsin .....	500.0	560.0	430.0	2,250.0	2,520.0	1,720.0
United States .....	409.5	408.4	413.8	31,739.0	31,001.0	33,018.0

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	-	77.2	23,100.0	21,645.0	25,642.8
Michigan .....	-	-	-	1,326.0	1,480.0	1,520.0
Texas .....	-	-	-	590.0	456.0	400.0
Washington .....	-	-	-	4,473.0	4,900.0	3,658.0
Wisconsin .....	-	5.0	5.2	2,250.0	2,515.0	1,714.8
United States .....	-	5.0	82.4	31,739.0	30,996.0	32,935.6

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	31.30	29.40	26.80	722,395	635,624	686,189
Michigan .....	9.58	10.10	9.51	12,700	14,948	14,456
Texas .....	11.20	10.50	9.46	6,608	4,771	3,785
Washington .....	7.72	6.52	5.46	34,528	31,966	19,982
Wisconsin .....	4.71	3.51	4.14	10,588	8,820	7,092
United States .....	24.80	22.50	22.20	786,819	696,129	731,504

- Represents zero.

## Carrot Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016		2017		2018	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
<b>Fresh market</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	410.4
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	13.5		2.5			3.4
Other States <sup>1</sup> .....	22,234.1		20,854.0			24,177.7
United States .....	22,247.6		20,856.5			24,591.5
Utilization and State	Utilized production					
	2016		2017		2018	
	(tons)		(tons)		(tons)	
<b>Processing</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	55,480
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	111,825		125,622			85,570
Other States <sup>1</sup> .....	362,747		381,351			276,157
United States .....	474,572		506,973			417,207
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	19.00	(D)	(D)	7,798
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	110.00	111.00	138.00	1,485	278	469
Other States <sup>1</sup> .....	32.10	30.10	27.50	713,589	628,564	663,716
United States .....	32.10	30.20	27.30	715,074	628,842	671,983
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	120.00	(D)	(D)	6,658
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	81.40	68.00	77.40	9,103	8,542	6,623
Other States <sup>1</sup> .....	173.00	154.00	167.00	62,642	58,745	46,240
United States .....	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.

**Cauliflower for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	5,400	5,800	6,100	5,400	5,700	6,100
California .....	36,500	40,900	38,000	36,500	40,100	37,800
United States .....	41,900	46,700	44,100	41,900	45,800	43,900
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	165.0	185.0	190.0	891.0	1,054.5	1,159.0
California .....	180.0	200.0	215.0	6,570.0	8,020.0	8,127.0
United States .....	178.1	198.1	211.5	7,461.0	9,074.5	9,286.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	891.0	1,054.5	1,159.0
California .....	-	24.1	8.1	6,570.0	7,995.9	8,118.9
United States .....	-	24.1	8.1	7,461.0	9,050.4	9,277.9
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Arizona .....	79.40	81.70	68.80	70,707	86,153	79,739
California .....	52.50	41.20	42.60	345,054	329,584	345,611
United States .....	55.70	45.90	45.80	415,761	415,737	425,350

- Represents zero.

## Cauliflower Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016		2017		2018	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
<b>Fresh market</b>						
Arizona .....	(D)		1,054.5			(D)
California .....	(D)		7,635.0			(D)
Other States <sup>1</sup> .....	7,283.1		-			9,099.1
United States .....	7,283.1		8,689.5			9,099.1
Utilization and State	Utilized production					
	2016		2017		2018	
	(tons)		(tons)		(tons)	
<b>Processing</b>						
Arizona .....	(D)		-			(D)
California .....	(D)		18,045			(D)
Other States <sup>1</sup> .....	8,897		-			8,940
United States .....	8,897		18,045			8,940
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
Arizona .....	(D)	81.70	(D)	(D)	86,153	(D)
California .....	(D)	42.00	(D)	(D)	320,670	(D)
Other States <sup>1</sup> .....	55.90	(X)	46.10	406,956	-	419,575
United States .....	55.90	46.80	46.10	406,956	406,823	419,575
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Arizona .....	(D)	(X)	(D)	(D)	-	(D)
California .....	(D)	494.00	(D)	(D)	8,914	(D)
Other States <sup>1</sup> .....	990.00	(X)	646.00	8,805	-	5,775
United States .....	990.00	494.00	646.00	8,805	8,914	5,775

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Celery for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	31,700	30,000	28,400	31,200	29,700	28,300
Michigan .....	2,000	2,200	2,000	1,900	2,100	1,900
United States .....	33,700	32,200	30,400	33,100	31,800	30,200
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	530.0	500.0	590.0	16,536.0	14,850.0	16,697.0
Michigan .....	600.0	590.0	580.0	1,140.0	1,239.0	1,102.0
United States .....	534.0	505.9	589.4	17,676.0	16,089.0	17,799.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	44.5	16.7	16,536.0	14,805.5	16,680.3
Michigan .....	-	-	-	1,140.0	1,239.0	1,102.0
United States .....	-	44.5	16.7	17,676.0	16,044.5	17,782.3
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	18.30	20.60	25.50	303,355	305,411	424,542
Michigan .....	14.00	13.40	17.70	15,966	16,636	19,471
United States .....	18.10	20.10	25.00	319,321	322,047	444,013

- Represents zero.

## Celery Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016		2017		2018	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
<b>Fresh market</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	16,800	15,381.8	16,800	15,381.8	16,545.5	16,545.5
United States .....	16,800	15,381.8	16,800	15,381.8	16,545.5	16,545.5
Utilization and State	Utilized production					
	2016		2017		2018	
	(tons)		(tons)		(tons)	
<b>Processing</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	43,810	33,136	43,810	33,136	61,839	61,839
United States .....	43,810	33,136	43,810	33,136	61,839	61,839
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	18.50	20.50	25.90	310,449	315,484	429,059
United States .....	18.50	20.50	25.90	310,449	315,484	429,059
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	203	198.00	242.00	8,872	6,563	14,954
United States .....	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.



**Sweet Corn for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	35,000	34,000	33,000	34,900	33,500	32,800
Delaware .....	10,000	11,000	11,400	9,800	10,800	11,200
Florida .....	37,600	41,700	42,000	34,500	39,000	39,700
Georgia .....	27,000	26,000	30,000	26,000	25,100	29,000
Idaho .....	4,300	4,100	4,100	4,200	3,900	3,900
Illinois .....	15,500	15,000	15,000	14,600	14,200	14,600
Indiana .....	5,300	4,000	4,500	5,000	3,900	4,100
Maryland .....	7,300	7,200	8,300	7,200	7,100	8,100
Michigan .....	9,800	9,600	9,700	9,200	9,100	9,100
Minnesota .....	120,000	120,700	114,400	114,000	112,600	110,600
New Jersey .....	6,500	6,400	6,500	6,400	6,300	6,400
New York .....	28,900	26,700	30,600	26,600	25,700	26,600
Ohio .....	11,000	9,300	9,800	10,000	9,000	9,100
Oregon .....	25,000	24,000	29,000	24,900	23,900	28,900
Pennsylvania .....	11,600	12,400	13,000	10,800	11,600	10,600
Washington .....	82,000	76,000	74,000	80,000	74,000	72,000
Wisconsin .....	61,500	56,700	59,300	60,300	54,900	56,400
United States .....	498,300	484,800	494,600	478,400	464,600	473,100

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	170.0	190.0	180.0	5,933.0	6,365.0	5,904.0
Delaware .....	125.0	140.0	135.0	1,225.0	1,512.0	1,512.0
Florida .....	145.0	140.0	120.0	5,002.5	5,460.0	4,764.0
Georgia .....	150.0	160.0	150.0	3,900.0	4,016.0	4,350.0
Idaho .....	110.0	110.0	90.0	462.0	429.0	351.0
Illinois .....	145.0	135.0	125.0	2,117.0	1,917.0	1,825.0
Indiana .....	72.0	90.0	95.0	360.0	351.0	389.5
Maryland .....	155.0	125.0	120.0	1,116.0	887.5	972.0
Michigan .....	93.0	100.0	92.0	855.6	910.0	837.2
Minnesota .....	140.0	165.0	140.0	15,960.0	18,579.0	15,484.0
New Jersey .....	86.0	97.0	87.0	550.4	611.1	556.8
New York .....	95.0	130.0	105.0	2,527.0	3,341.0	2,793.0
Ohio .....	82.0	90.0	95.0	820.0	810.0	864.5
Oregon .....	195.0	190.0	205.0	4,855.5	4,541.0	5,924.5
Pennsylvania .....	65.0	64.0	57.0	702.0	742.4	604.2
Washington .....	200.0	210.0	230.0	16,000.0	15,540.0	16,560.0
Wisconsin .....	170.0	176.0	170.0	10,251.0	9,662.4	9,588.0
United States .....	151.8	162.9	154.9	72,637.0	75,674.4	73,279.7

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**Sweet Corn for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	-	-	5,933.0	6,365.0	5,904.0
Delaware .....	-	-	-	1,225.0	1,512.0	1,512.0
Florida .....	-	-	-	5,002.5	5,460.0	4,764.0
Georgia .....	-	80.3	4.3	3,900.0	3,935.7	4,345.7
Idaho .....	-	1.3	3.5	462.0	427.7	347.5
Illinois .....	-	-	-	2,117.0	1,917.0	1,825.0
Indiana .....	-	-	-	360.0	351.0	389.5
Maryland .....	-	4.4	-	1,116.0	883.1	972.0
Michigan .....	-	-	-	855.6	910.0	837.2
Minnesota .....	-	111.5	15.5	15,960.0	18,467.5	15,468.5
New Jersey .....	-	3.7	13.9	550.4	607.4	542.9
New York .....	-	33.4	27.9	2,527.0	3,307.6	2,765.1
Ohio .....	-	8.9	-	820.0	801.1	864.5
Oregon .....	-	-	-	4,855.5	4,541.0	5,924.5
Pennsylvania .....	-	5.2	13.3	702.0	737.2	590.9
Washington .....	-	46.6	-	16,000.0	15,493.4	16,560.0
Wisconsin .....	-	9.7	-	10,251.0	9,652.7	9,588.0
United States .....	-	305.0	78.4	72,637.0	75,369.4	73,201.3

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	27.60	30.80	28.90	163,751	196,042	170,626
Delaware .....	11.60	12.90	11.00	14,262	19,439	16,633
Florida .....	32.00	29.00	30.00	160,080	158,340	142,920
Georgia .....	22.50	25.00	25.70	87,750	98,393	111,684
Idaho .....	22.40	27.00	35.00	10,352	11,548	12,163
Illinois .....	8.01	6.15	7.54	16,962	11,792	13,763
Indiana .....	31.00	26.00	23.00	11,160	9,126	8,959
Maryland .....	11.80	13.20	14.40	13,121	11,647	13,994
Michigan .....	25.50	23.00	23.00	21,818	20,930	19,256
Minnesota .....	4.61	4.30	5.29	73,592	79,361	81,899
New Jersey .....	29.00	30.20	25.50	15,983	18,334	13,868
New York .....	19.30	9.67	13.10	48,720	31,992	36,257
Ohio .....	32.80	26.00	27.00	26,896	20,829	23,342
Oregon .....	8.93	7.99	7.51	43,343	36,283	44,492
Pennsylvania .....	35.90	38.60	41.90	25,182	28,488	24,745
Washington .....	5.54	6.12	5.08	88,691	94,772	84,080
Wisconsin .....	4.78	4.65	4.19	48,958	44,863	40,181
United States .....	12.00	11.80	11.70	870,621	892,179	858,862

- Represents zero.

## Sweet Corn Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh market</b>			
California .....	5,933.0	6,365.0	5,904.0
Delaware .....	(D)	423.4	362.9
Florida .....	5,002.5	5,460.0	4,764.0
Georgia .....	3,900.0	3,935.7	4,345.7
Idaho .....	(D)	(D)	347.5
Illinois .....	296.4	210.9	310.3
Indiana .....	360.0	351.0	389.5
Maryland .....	(D)	353.2	335.3
Michigan .....	855.6	910.0	837.2
Minnesota .....	351.1	668.8	588.4
New Jersey .....	478.8	509.7	(D)
New York .....	(D)	795.2	1,027.8
Ohio .....	820.0	801.1	864.5
Oregon .....	(D)	454.1	521.4
Pennsylvania .....	(D)	(D)	(D)
Washington .....	448.0	808.1	447.1
Wisconsin .....	574.1	405.8	326.0
Other States <sup>1</sup> .....	4,017.5	1,161.2	996.8
United States .....	23,037.0	23,613.2	22,368.4
Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
California .....	-	-	-
Delaware .....	(D)	54,432	57,456
Florida .....	-	-	-
Georgia .....	-	-	-
Idaho .....	(D)	(D)	-
Illinois .....	91,031	85,307	75,738
Indiana .....	-	-	-
Maryland .....	(D)	26,492	31,833
Michigan .....	-	-	-
Minnesota .....	780,444	889,934	744,006
New Jersey .....	3,578	4,889	(D)
New York .....	(D)	125,622	86,862
Ohio .....	-	-	-
Oregon .....	(D)	204,345	270,157
Pennsylvania .....	(D)	(D)	(D)
Washington .....	777,600	734,265	805,644
Wisconsin .....	483,847	462,346	463,100
Other States <sup>1</sup> .....	343,499	186	6,850
United States .....	2,479,999	2,587,818	2,541,646

See footnote(s) at end of table.

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**Sweet Corn Production, Price, and Value by Utilization – States and United States:  
2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	27.60	30.80	28.90	163,751	196,042	170,626
Delaware .....	(D)	31.00	30.00	(D)	13,125	10,887
Florida .....	32.00	29.00	30.00	160,080	158,340	142,920
Georgia .....	22.50	25.00	25.70	87,750	98,393	111,684
Idaho .....	(D)	(D)	35.00	(D)	(D)	12,163
Illinois .....	34.50	25.90	27.00	10,226	5,462	8,378
Indiana .....	31.00	26.00	23.00	11,160	9,126	8,959
Maryland .....	(D)	26.00	33.00	(D)	9,183	11,065
Michigan .....	25.50	23.00	23.00	21,818	20,930	19,256
Minnesota .....	34.00	33.50	46.00	11,937	22,405	27,066
New Jersey .....	32.50	35.00	(D)	15,561	17,840	(D)
New York .....	(D)	28.70	28.60	(D)	22,822	29,395
Ohio .....	32.80	26.00	27.00	26,896	20,829	23,342
Oregon .....	(D)	29.50	27.30	(D)	13,396	14,234
Pennsylvania .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	24.40	35.50	43.90	10,931	28,688	19,628
Wisconsin .....	27.80	30.80	26.80	15,960	12,499	8,737
Other States <sup>1</sup> .....	29.30	34.50	38.00	117,771	40,008	37,910
United States .....	28.40	29.20	29.30	653,841	689,088	656,250
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(X)	(X)	(X)	-	-	-
Delaware .....	(D)	116.00	100.00	(D)	6,314	5,746
Florida .....	(X)	(X)	(X)	-	-	-
Georgia .....	(X)	(X)	(X)	-	-	-
Idaho .....	(D)	(D)	(X)	(D)	(D)	-
Illinois .....	74.00	74.20	71.10	6,736	6,330	5,385
Indiana .....	(X)	(X)	(X)	-	-	-
Maryland .....	(D)	93.00	92.00	(D)	2,464	2,929
Michigan .....	(X)	(X)	(X)	-	-	-
Minnesota .....	79.00	64.00	73.70	61,655	56,956	54,833
New Jersey .....	118.00	101.00	(D)	422	494	(D)
New York .....	(D)	73.00	79.00	(D)	9,170	6,862
Ohio .....	(X)	(X)	(X)	-	-	-
Oregon .....	(D)	112.00	112.00	(D)	22,887	30,258
Pennsylvania .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	100.00	90.00	80.00	77,760	66,084	64,452
Wisconsin .....	68.20	70.00	67.90	32,998	32,364	31,444
Other States <sup>1</sup> .....	108.00	151.00	103.00	37,209	28	703
United States .....	87.40	78.50	79.70	216,780	203,091	202,612

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Cucumbers for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Alabama .....	3,600	5,600	6,000	3,500	5,400	5,900
California .....	8,400	8,200	8,100	8,400	8,200	8,100
Delaware .....	2,700	(D)	(D)	2,600	(D)	(D)
Florida .....	24,300	26,000	25,000	21,700	25,900	24,900
Georgia .....	8,900	9,500	10,200	8,200	9,500	9,400
Michigan .....	41,000	38,000	35,000	40,400	37,500	34,400
New Jersey .....	3,200	3,000	2,600	3,100	2,900	2,600
North Carolina .....	11,000	10,500	10,600	10,800	10,500	9,600
Ohio .....	2,100	2,100	1,900	2,100	2,000	1,900
South Carolina .....	1,400	(D)	(D)	1,300	(D)	(D)
Texas .....	6,700	6,700	5,700	6,400	6,100	4,900
Wisconsin .....	6,300	6,100	5,100	6,200	5,900	5,100
Other States <sup>1</sup> .....	-	3,400	4,100	-	3,300	4,100
United States .....	119,600	119,100	114,300	114,700	117,200	110,900

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Alabama .....	94.0	140.0	105.0	329.0	756.0	619.5
California .....	180.0	175.0	205.0	1,512.0	1,435.0	1,660.5
Delaware .....	89.0	(D)	(D)	231.4	(D)	(D)
Florida .....	180.0	205.0	170.0	3,906.0	5,309.5	4,233.0
Georgia .....	235.0	175.0	150.0	1,927.0	1,662.5	1,410.0
Michigan .....	135.0	150.0	120.0	5,454.0	5,625.0	4,128.0
New Jersey .....	175.0	160.0	94.0	542.5	464.0	244.4
North Carolina .....	140.0	160.0	155.0	1,512.0	1,680.0	1,488.0
Ohio .....	120.0	170.0	155.0	252.0	340.0	294.5
South Carolina .....	160.0	(D)	(D)	208.0	(D)	(D)
Texas .....	105.0	100.0	97.0	672.0	610.0	475.3
Wisconsin .....	125.0	125.0	120.0	775.0	737.5	612.0
Other States <sup>1</sup> .....	(X)	89.0	70.0	-	293.3	285.2
United States .....	151.0	161.4	139.3	17,320.9	18,912.8	15,450.4

See footnote(s) at end of table.

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**Cucumbers for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Alabama .....	-	-	4.3	329.0	756.0	615.2
California .....	-	-	-	1,512.0	1,435.0	1,660.5
Delaware .....	-	(D)	(D)	231.4	(D)	(D)
Florida .....	-	-	-	3,906.0	5,309.5	4,233.0
Georgia .....	-	-	-	1,927.0	1,662.5	1,410.0
Michigan .....	-	-	4.1	5,454.0	5,625.0	4,123.9
New Jersey .....	-	0.9	3.7	542.5	463.1	240.7
North Carolina .....	-	15.1	6.0	1,512.0	1,664.9	1,482.0
Ohio .....	-	7.8	-	252.0	332.2	294.5
South Carolina .....	-	(D)	(D)	208.0	(D)	(D)
Texas .....	-	-	-	672.0	610.0	475.3
Wisconsin .....	-	1.5	8.6	775.0	736.0	603.4
Other States <sup>1</sup> .....	-	0.5	2.9	-	292.8	282.3
United States .....	-	25.8	29.6	17,320.9	18,887.0	15,420.8

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Alabama .....	13.50	22.00	25.00	4,442	16,659	15,379
California .....	22.70	24.70	26.30	34,289	35,485	43,649
Delaware .....	15.60	(D)	(D)	3,620	(D)	(D)
Florida .....	30.30	25.90	28.00	118,167	137,601	118,524
Georgia .....	21.80	26.40	25.00	41,924	43,853	35,212
Michigan .....	12.70	14.20	13.40	69,146	79,739	55,418
New Jersey .....	25.20	35.50	29.20	13,645	16,431	7,028
North Carolina .....	19.10	17.20	17.30	28,913	28,699	25,582
Ohio .....	19.10	16.20	16.90	4,823	5,376	4,983
South Carolina .....	23.30	(D)	(D)	4,842	(D)	(D)
Texas .....	18.10	19.00	18.40	12,136	11,590	8,746
Wisconsin .....	11.90	15.70	21.40	9,210	11,531	12,913
Other States <sup>1</sup> .....	(X)	17.20	19.20	-	5,049	5,433
United States .....	19.90	20.80	21.60	345,157	392,013	332,867

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

## Cucumber Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh market</b>			
Alabama .....	(D)	(D)	(D)
California .....	(D)	(D)	513.1
Delaware .....	(D)	(D)	(D)
Florida .....	2,023.3	1,391.1	(D)
Georgia .....	1,797.9	(D)	(D)
Michigan .....	1,292.6	871.9	1,060.9
New Jersey .....	450.8	(D)	240.7
North Carolina .....	(D)	445.2	626.4
Ohio .....	(D)	72.4	88.4
South Carolina .....	177.0	(D)	(D)
Texas .....	134.4	122.0	95.1
Wisconsin .....	17.1	(D)	(D)
Other States <sup>1</sup> .....	1,390.2	2,126.1	2,970.9
United States .....	7,283.3	5,028.7	5,595.5
Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
Alabama .....	(D)	(D)	(D)
California .....	(D)	(D)	57,370
Delaware .....	(D)	(D)	(D)
Florida .....	94,135	195,921	(D)
Georgia .....	6,455	(D)	(D)
Michigan .....	208,070	237,656	153,149
New Jersey .....	4,584	(D)	-
North Carolina .....	(D)	60,984	42,780
Ohio .....	(D)	12,988	10,308
South Carolina .....	1,550	(D)	(D)
Texas .....	26,880	24,400	19,012
Wisconsin .....	37,898	(D)	(D)
Other States <sup>1</sup> .....	122,311	160,961	208,649
United States .....	501,883	692,910	491,268

See footnote(s) at end of table.

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**Cucumber Production, Price, and Value by Utilization – States and United States:  
2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
Alabama .....	(D)	(D)	(D)	(D)	(D)	(D)
California .....	(D)	(D)	45.60	(D)	(D)	23,397
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	33.00	29.20	(D)	66,769	40,620	(D)
Georgia .....	21.80	(D)	(D)	39,194	(D)	(D)
Michigan .....	21.30	27.40	21.20	27,532	23,890	22,491
New Jersey .....	26.20	(D)	29.20	11,811	(D)	7,028
North Carolina .....	(D)	22.00	22.40	(D)	9,794	14,031
Ohio .....	(D)	32.10	27.80	(D)	2,324	2,458
South Carolina .....	23.80	(D)	(D)	4,213	(D)	(D)
Texas .....	22.30	25.00	24.00	2,997	3,050	2,282
Wisconsin .....	51.00	(D)	(D)	872	(D)	(D)
Other States <sup>1</sup> .....	24.90	32.10	29.80	34,638	68,209	88,433
United States .....	25.80	29.40	28.60	188,026	147,887	160,120
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Alabama .....	(D)	(D)	(D)	(D)	(D)	(D)
California .....	(D)	(D)	353.00	(D)	(D)	20,252
Delaware .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	546.00	495.00	(D)	51,398	96,981	(D)
Georgia .....	423.00	(D)	(D)	2,730	(D)	(D)
Michigan .....	200.00	235.00	215.00	41,614	55,849	32,927
New Jersey .....	400.00	(D)	(X)	1,834	(D)	-
North Carolina .....	(D)	310.00	270.00	(D)	18,905	11,551
Ohio .....	(D)	235.00	245.00	(D)	3,052	2,525
South Carolina .....	406.00	(D)	(D)	629	(D)	(D)
Texas .....	340.00	350.00	340.00	9,139	8,540	6,464
Wisconsin .....	220.00	(D)	(D)	8,338	(D)	(D)
Other States <sup>1</sup> .....	339.00	378.00	475.00	41,449	60,799	99,028
United States .....	313.00	352.00	352.00	157,131	244,126	172,747

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.



**Garlic for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	30,100	33,000	33,000	30,100	33,000	32,800
United States .....	30,100	33,000	33,000	30,100	33,000	32,800
State	Yield per acre			Total Production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	150.0	155.0	175.0	4,515.0	5,115.0	5,740.0
United States .....	150.0	155.0	175.0	4,515.0	5,115.0	5,740.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	-	-	4,515.0	5,115.0	5,740.0
United States .....	-	-	-	4,515.0	5,115.0	5,740.0
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	74.00	76.30	78.90	333,905	390,021	452,599
United States .....	74.00	76.30	78.90	333,905	390,021	452,599

- Represents zero.

## Garlic Production, Price, and Value by Utilization – States and United States: 2016-2018

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

**Honeydew for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	12,100	11,600	14,900	12,100	11,600	14,900
United States .....	12,100	11,600	14,900	12,100	11,600	14,900
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	325.0	290.0	310.0	3,932.5	3,364.0	4,619.0
United States .....	325.0	290.0	310.0	3,932.5	3,364.0	4,619.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	-	-	3,932.5	3,364.0	4,619.0
United States .....	-	-	-	3,932.5	3,364.0	4,619.0
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
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

- Represents zero.

## Honeydew Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016		2017		2018	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
<b>Fresh market</b>						
California .....	3,932.5		3,364.0		4,619.0	
United States .....	3,932.5		3,364.0		4,619.0	
Utilization and State	Utilized production					
	2016		2017		2018	
	(tons)		(tons)		(tons)	
<b>Processing</b>						
California .....	-		-		-	
United States .....	-		-		-	
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
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
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(X)	(X)	(X)	-	-	-
United States .....	(X)	(X)	(X)	-	-	-

- Represents zero.

(X) Not applicable.

**Head Lettuce for Fresh Market Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	37,000	39,500	38,700	36,800	39,200	38,600
California .....	106,000	102,000	82,000	105,500	101,500	81,700
United States .....	143,000	141,500	120,700	142,300	140,700	120,300
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	345.0	315.0	310.0	12,696.0	12,348.0	11,966.0
California .....	390.0	365.0	350.0	41,145.0	37,047.5	28,595.0
United States .....	378.4	351.1	337.2	53,841.0	49,395.5	40,561.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	12,696.0	12,348.0	11,966.0
California .....	-	-	-	41,145.0	37,047.5	28,595.0
United States .....	-	-	-	53,841.0	49,395.5	40,561.0
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
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

- Represents zero.

**Leaf Lettuce for Fresh Market Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	9,700	9,500	9,900	9,600	9,400	9,800
California .....	59,800	58,000	60,000	59,700	57,800	59,500
United States .....	69,500	67,500	69,900	69,300	67,200	69,300
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	245.0	225.0	240.0	2,352.0	2,115.0	2,352.0
California .....	220.0	200.0	150.0	13,134.0	11,560.0	8,925.0
United States .....	223.5	203.5	162.7	15,486.0	13,675.0	11,277.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	2,352.0	2,115.0	2,352.0
California .....	-	-	-	13,134.0	11,560.0	8,925.0
United States .....	-	-	-	15,486.0	13,675.0	11,277.0
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Arizona .....	64.90	65.40	44.70	152,645	138,321	105,134
California .....	42.80	60.10	53.80	562,135	694,756	480,165
United States .....	46.20	60.90	51.90	714,780	833,077	585,299

- Represents zero.

**Romaine Lettuce for Fresh Market Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	26,400	27,500	27,000	26,200	27,200	26,900
California .....	79,800	90,500	74,500	78,900	90,200	72,700
United States .....	106,200	118,000	101,500	105,100	117,400	99,600
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	330.0	340.0	330.0	8,646.0	9,248.0	8,877.0
California .....	320.0	300.0	280.0	25,248.0	27,060.0	20,356.0
United States .....	322.5	309.3	293.5	33,894.0	36,308.0	29,233.0
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	8,646.0	9,248.0	8,877.0
California .....	-	-	203.6	25,248.0	27,060.0	20,152.4
United States .....	-	-	203.6	33,894.0	36,308.0	29,029.4
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
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

- Represents zero.

**Onion Area Planted and Harvested, Yield, Production, Price, Value, and Shrinkage and Loss – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	44,900	45,000	43,000	43,000	44,800	42,500
Colorado .....	3,600	3,900	4,100	3,100	3,600	2,600
Georgia .....	12,400	11,600	11,600	11,400	10,800	10,800
Idaho .....	13,900	12,600	8,500	13,700	12,500	8,400
New Mexico .....	6,200	7,300	6,500	6,100	7,100	6,500
New York .....	7,200	7,000	7,400	7,000	6,900	7,200
Oregon .....	23,800	24,800	19,500	23,500	24,500	19,300
Malheur county .....	(D)	13,800	11,900	(D)	13,700	11,800
All other counties .....	(D)	11,000	7,600	(D)	10,800	7,500
Texas .....	11,000	12,500	12,500	9,200	11,500	11,000
Washington .....	31,000	30,000	22,000	30,900	29,800	21,900
United States .....	154,000	154,700	135,100	147,900	151,500	130,200

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	435.0	470.0	450.0	18,705.0	21,056.0	19,125.0
Colorado .....	450.0	460.0	450.0	1,395.0	1,656.0	1,170.0
Georgia .....	260.0	350.0	260.0	2,964.0	3,780.0	2,808.0
Idaho .....	860.0	725.0	890.0	11,782.0	9,062.5	7,476.0
New Mexico .....	580.0	680.0	550.0	3,538.0	4,828.0	3,575.0
New York .....	310.0	440.0	300.0	2,170.0	3,036.0	2,160.0
Oregon .....	771.0	660.0	803.0	18,120.0	16,163.5	15,494.0
Malheur county .....	(D)	695.0	830.0	(D)	9,521.5	9,794.0
All other counties .....	(D)	615.0	760.0	(D)	6,642.0	5,700.0
Texas .....	295.0	260.0	300.0	2,714.0	2,990.0	3,300.0
Washington .....	725.0	665.0	790.0	22,402.5	19,817.0	17,301.0
United States .....	566.5	543.8	556.1	83,790.5	82,389.0	72,409.0

See footnote(s) at end of table.

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**Onion Area Planted and Harvested, Yield, Production, Price, Value, and Shrinkage and Loss – States and United States: 2016-2018 (continued)**

State	Shrinkage and loss			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	-	306.0	18,705.0	21,056.0	18,819.0
Colorado .....	-	-	-	1,395.0	1,656.0	1,170.0
Georgia .....	-	94.5	14.0	2,964.0	3,685.5	2,794.0
Idaho .....	1,472.8	99.7	14.9	10,309.2	8,962.8	7,461.1
New Mexico .....	-	-	-	3,538.0	4,828.0	3,575.0
New York .....	-	415.9	51.8	2,170.0	2,620.1	2,108.2
Oregon .....	2,266.1	9.5	205.7	15,853.9	16,154.0	15,288.3
Malheur county .....	(D)	9.5	205.7	(D)	9,512.0	9,588.3
All other counties .....	(D)	-	-	(D)	6,642.0	5,700.0
Texas .....	138.4	-	66.0	2,575.6	2,990.0	3,234.0
Washington .....	2,688.3	1,208.8	865.0	19,714.2	18,608.2	16,436.0
United States .....	6,565.6	1,828.4	1,523.4	77,224.9	80,560.6	70,885.6

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	9.52	13.80	9.70	178,165	291,568	182,595
Colorado .....	15.70	23.80	23.30	21,902	39,413	27,261
Georgia .....	39.00	34.80	39.60	115,596	128,301	110,519
Idaho .....	6.30	8.28	6.52	64,994	74,192	48,668
New Mexico .....	26.70	17.50	19.00	94,465	84,490	67,925
New York .....	21.50	19.30	19.50	46,655	50,682	41,042
Oregon .....	15.30	8.55	6.56	242,676	138,036	100,339
Malheur county .....	(D)	7.76	6.30	(D)	73,841	60,439
All other counties .....	(D)	9.67	7.00	(D)	64,195	39,900
Texas .....	25.00	24.70	19.00	64,301	73,913	61,380
Washington .....	11.70	8.68	10.80	230,564	161,495	177,767
United States .....	13.70	12.90	11.50	1,059,318	1,042,090	817,496

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

**Onion Production, Price, and Value by Utilization – States and United States: 2016-2018**

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh market</b>			
California .....	9,352.5	15,328.8	8,854.9
Colorado .....	1,395.0	1,656.0	(D)
Georgia .....	2,964.0	(D)	(D)
Idaho .....	7,116.3	7,023.4	5,308.0
New Mexico .....	3,538.0	4,828.0	3,575.0
New York .....	2,170.0	2,529.0	(D)
Oregon .....	8,750.1	9,585.2	(D)
Malheur county .....	(D)	(D)	(D)
All other counties .....	(D)	(D)	(D)
Texas .....	2,562.0	(D)	(D)
Washington .....	13,822.3	(D)	12,110.7
Other States <sup>1</sup> .....	-	19,435.6	18,543.5
United States .....	51,670.2	60,386.0	48,392.1
Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
California .....	467,625	286,362	498,206
Colorado .....	-	-	(D)
Georgia .....	-	(D)	(D)
Idaho .....	159,646	96,969	107,654
New Mexico .....	-	-	-
New York .....	-	4,554	(D)
Oregon .....	355,188	328,440	(D)
Malheur county .....	(D)	(D)	(D)
All other counties .....	(D)	(D)	(D)
Texas .....	679	(D)	(D)
Washington .....	294,593	(D)	216,263
Other States <sup>1</sup> .....	-	292,404	302,549
United States .....	1,277,731	1,008,729	1,124,672

See footnote(s) at end of table.

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**Onion Production, Price, and Value by Utilization – States and United States: 2016-2018(continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	10.00	14.50	11.90	93,525	222,268	105,373
Colorado .....	15.70	23.80	(D)	21,902	39,413	(D)
Georgia .....	39.00	(D)	(D)	115,596	(D)	(D)
Idaho .....	6.80	9.10	7.10	48,391	63,913	37,687
New Mexico .....	26.70	17.50	19.00	94,465	84,490	67,925
New York .....	21.50	19.50	(D)	46,655	49,316	(D)
Oregon .....	21.30	8.69	(D)	186,363	83,323	(D)
Malheur county .....	(D)	(D)	(D)	(D)	(D)	(D)
All other counties .....	(D)	(D)	(D)	(D)	(D)	(D)
Texas .....	25.00	(D)	(D)	64,050	(D)	(D)
Washington .....	13.10	(D)	12.00	181,072	(D)	145,328
Other States <sup>1</sup> .....	(X)	16.70	16.10	-	324,905	298,795
United States .....	16.50	14.40	13.50	852,019	867,628	655,108
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	181.00	242.00	155.00	84,640	69,300	77,222
Colorado .....	(X)	(X)	(D)	-	-	(D)
Georgia .....	(X)	(D)	(D)	-	(D)	(D)
Idaho .....	104.00	106.00	102.00	16,603	10,279	10,981
New Mexico .....	(X)	(X)	(X)	-	-	-
New York .....	(X)	300.00	(D)	-	1,366	(D)
Oregon .....	159.00	167.00	(D)	56,313	54,713	(D)
Malheur county .....	(D)	(D)	(D)	(D)	(D)	(D)
All other counties .....	(D)	(D)	(D)	(D)	(D)	(D)
Texas .....	370.00	(D)	(D)	251	(D)	(D)
Washington .....	168.00	(D)	150.00	49,492	(D)	32,439
Other States <sup>1</sup> .....	(X)	133.00	138.00	-	38,804	41,746
United States .....	162.00	173.00	144.00	207,299	174,462	162,388

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Green Peas for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Illinois .....	7,100	6,400	4,400	6,600	5,600	4,000
Minnesota .....	52,300	49,300	52,000	46,300	46,000	45,800
New York .....	8,300	9,700	6,900	8,100	8,900	6,700
Oregon .....	20,900	21,500	19,800	18,900	20,000	18,900
Washington .....	34,200	34,000	33,000	32,300	31,200	32,400
Wisconsin .....	28,700	23,800	24,900	27,100	22,500	23,300
United States .....	151,500	144,700	141,000	139,300	134,200	131,100

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Illinois .....	45.0	37.0	42.0	297.0	207.2	168.0
Minnesota .....	41.0	42.0	29.0	1,898.3	1,932.0	1,328.2
New York .....	35.0	41.0	37.0	283.5	364.9	247.9
Oregon .....	40.0	35.0	30.0	756.0	700.0	567.0
Washington .....	50.0	59.0	55.0	1,615.0	1,840.8	1,782.0
Wisconsin .....	47.0	43.0	42.0	1,273.7	967.5	978.6
United States .....	44.0	44.8	38.7	6,123.5	6,012.4	5,071.7

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Illinois .....	-	-	-	297.0	207.2	168.0
Minnesota .....	-	-	1.3	1,898.3	1,932.0	1,326.9
New York .....	-	-	-	283.5	364.9	247.9
Oregon .....	-	-	-	756.0	700.0	567.0
Washington .....	-	-	1.8	1,615.0	1,840.8	1,780.2
Wisconsin .....	-	-	-	1,273.7	967.5	978.6
United States .....	-	-	3.1	6,123.5	6,012.4	5,068.6

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Illinois .....	13.60	10.70	14.70	4,047	2,223	2,477
Minnesota .....	12.50	12.80	13.00	23,808	24,651	17,306
New York .....	12.30	18.50	13.50	3,482	6,760	3,351
Oregon .....	14.40	12.40	12.70	10,884	8,706	7,190
Washington .....	17.10	15.60	12.80	27,593	28,772	22,766
Wisconsin .....	10.20	14.80	12.10	13,007	14,363	11,811
United States .....	13.50	14.20	12.80	82,821	85,475	64,901

- Represents zero.

## Green Pea Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh market</b>			
Illinois .....	(D)	(D)	(D)
Minnesota .....	1.9	1.9	(D)
New York .....	20.4	20.1	5.5
Oregon .....	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)
Wisconsin .....	2.5	12.6	1.0
Other States <sup>1</sup> .....	32.2	66.1	3.9
United States .....	57.0	100.7	10.4

Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
Illinois .....	(D)	(D)	(D)
Minnesota .....	94,820	96,503	(D)
New York .....	13,154	17,242	12,122
Oregon .....	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)
Wisconsin .....	63,558	47,746	48,881
Other States <sup>1</sup> .....	131,789	134,093	191,913
United States .....	303,321	295,584	252,916

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
Illinois .....	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....	104.00	73.10	(D)	198	139	(D)
New York .....	21.70	115.00	89.00	443	2,312	490
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	169.00	329.00	275.00	423	4,145	275
Other States <sup>1</sup> .....	150.00	75.60	173.00	4,836	4,999	675
United States .....	104.00	115.00	138.00	5,900	11,595	1,440

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Illinois .....	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....	249.00	254.00	(D)	23,610	24,512	(D)
New York .....	231.00	258.00	236.00	3,039	4,448	2,861
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	198.00	214.00	236.00	12,584	10,218	11,536
Other States <sup>1</sup> .....	286.00	259.00	256.00	37,688	34,702	49,064
United States .....	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.

**Bell Peppers for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	17,200	16,000	13,600	17,100	15,900	13,500
Florida .....	13,500	12,500	12,400	12,900	12,000	11,900
Georgia .....	3,300	3,500	3,400	3,200	3,400	3,200
Michigan .....	1,800	2,300	2,100	1,700	2,200	2,000
New Jersey .....	3,500	3,500	3,500	3,400	3,400	3,400
New York .....	1,000	1,000	1,600	900	900	1,400
North Carolina .....	2,400	2,200	2,300	2,300	2,100	2,000
Ohio .....	2,000	1,400	1,500	1,900	1,300	1,400
Pennsylvania .....	1,000	1,100	1,200	900	1,000	900
United States .....	45,700	43,500	41,600	44,300	42,200	39,700

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	415.0	420.0	450.0	7,096.5	6,678.0	6,075.0
Florida .....	295.0	335.0	300.0	3,805.5	4,020.0	3,570.0
Georgia .....	300.0	290.0	265.0	960.0	986.0	848.0
Michigan .....	260.0	255.0	240.0	442.0	561.0	480.0
New Jersey .....	275.0	280.0	275.0	935.0	952.0	935.0
New York .....	290.0	115.0	110.0	261.0	103.5	154.0
North Carolina .....	250.0	270.0	200.0	575.0	567.0	400.0
Ohio .....	250.0	225.0	200.0	475.0	292.5	280.0
Pennsylvania .....	165.0	230.0	170.0	148.5	230.0	153.0
United States .....	331.8	341.0	324.8	14,698.5	14,390.0	12,895.0

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	173.6	-	7,096.5	6,504.4	6,075.0
Florida .....	-	-	-	3,805.5	4,020.0	3,570.0
Georgia .....	-	-	-	960.0	986.0	848.0
Michigan .....	-	-	-	442.0	561.0	480.0
New Jersey .....	-	1.0	5.6	935.0	951.0	929.4
New York .....	-	6.2	-	261.0	97.3	154.0
North Carolina .....	-	-	24.0	575.0	567.0	376.0
Ohio .....	-	-	-	475.0	292.5	280.0
Pennsylvania .....	-	16.1	1.2	148.5	213.9	151.8
United States .....	-	196.9	30.8	14,698.5	14,193.1	12,864.2

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	31.90	43.40	34.60	226,411	282,452	210,007
Florida .....	33.10	47.00	50.60	125,962	188,940	180,642
Georgia .....	34.10	44.20	47.30	32,736	43,581	40,110
Michigan .....	37.00	27.30	38.00	16,354	15,318	18,220
New Jersey .....	31.60	41.40	42.70	29,520	39,381	39,726
New York .....	29.50	53.40	54.90	7,700	5,196	8,455
North Carolina .....	33.00	45.00	41.70	18,975	25,487	15,685
Ohio .....	44.80	40.00	43.00	21,279	11,700	12,040
Pennsylvania .....	47.60	63.20	55.50	7,063	13,522	8,422
United States .....	33.10	44.10	41.50	486,000	625,577	533,307

- Represents zero.

**Bell Pepper Production, Price, and Value by Utilization – States and United States: 2016-2018**

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
California .....	6,081.7	4,480.9	4,835.7			
Florida .....	3,805.5	4,020.0	3,570.0			
Georgia .....	960.0	986.0	848.0			
Michigan .....	(D)	(D)	(D)			
New Jersey .....	696.6	(D)	865.8			
New York .....	(D)	97.3	154.0			
North Carolina .....	575.0	(D)	(D)			
Ohio .....	(D)	(D)	280.0			
Pennsylvania .....	(D)	(D)	(D)			
Other States <sup>1</sup> .....	1,301.4	2,419.7	981.1			
United States .....	13,420.2	12,003.9	11,534.6			
Utilization and State	Utilized production					
	2016	2017	2018			
	(tons)	(tons)	(tons)			
<b>Processing</b>						
California .....	50,740	101,172	61,965			
Florida .....	-	-	-			
Georgia .....	-	-	-			
Michigan .....	(D)	(D)	(D)			
New Jersey .....	11,921	(D)	3,179			
New York .....	(D)	-	-			
North Carolina .....	-	(D)	(D)			
Ohio .....	(D)	(D)	-			
Pennsylvania .....	(D)	(D)	(D)			
Other States <sup>1</sup> .....	1,257	8,293	1,336			
United States .....	63,918	109,465	66,480			
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	34.50	54.50	39.20	209,819	244,209	189,559
Florida .....	33.10	47.00	50.60	125,962	188,940	180,642
Georgia .....	34.10	44.20	47.30	32,736	43,581	40,110
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	36.90	(D)	44.80	25,705	(D)	38,788
New York .....	(D)	53.40	54.90	(D)	5,196	8,455
North Carolina .....	33.00	(D)	(D)	18,975	(D)	(D)
Ohio .....	(D)	(D)	43.00	(D)	(D)	12,040
Pennsylvania .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	39.60	42.40	42.30	51,600	102,575	41,468
United States .....	34.60	48.70	44.30	464,797	584,501	511,062

See footnote(s) at end of table.

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**Bell Pepper Production, Price, and Value by Utilization – States and United States:  
2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	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)
New Jersey .....	320.00	(D)	295.00	3,815	(D)	938
New York .....	(X)	(X)	(X)	-	-	-
North Carolina .....	(X)	(D)	(D)	-	(D)	(D)
Ohio .....	(D)	(D)	(X)	(D)	(D)	-
Pennsylvania .....	(D)	(D)	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	633.00	342.00	643.00	796	2,833	859
United States .....	332.00	375.00	335.00	21,203	41,076	22,245

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.



## Chile Peppers for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018

[Chile peppers are defined as all peppers excluding bell peppers.]

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	1,600	1,400	1,100	1,600	1,200	1,100
California .....	5,700	4,900	2,700	5,600	4,800	2,700
New Mexico .....	9,200	8,100	8,400	8,700	7,600	7,900
Texas .....	2,600	2,700	2,700	2,300	2,400	2,500
United States .....	19,100	17,100	14,900	18,200	16,000	14,200

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	76.0	65.0	60.0	121.6	78.0	66.0
California .....	455.0	390.0	385.0	2,548.0	1,872.0	1,039.5
New Mexico .....	160.0	165.0	180.0	1,392.0	1,254.0	1,422.0
Texas .....	50.0	55.0	55.0	115.0	132.0	137.5
United States .....	229.5	208.5	187.7	4,176.6	3,336.0	2,665.0

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	121.6	78.0	66.0
California .....	-	-	-	2,548.0	1,872.0	1,039.5
New Mexico .....	-	-	-	1,392.0	1,254.0	1,422.0
Texas .....	5.4	-	-	109.6	132.0	137.5
United States .....	5.4	-	-	4,171.2	3,336.0	2,665.0

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Arizona .....	36.50	26.10	40.30	4,439	2,039	2,660
California .....	32.50	31.40	28.30	82,921	58,874	29,468
New Mexico .....	36.70	35.50	37.80	51,028	44,553	53,766
Texas .....	60.00	61.30	64.50	6,576	8,096	8,873
United States .....	34.80	34.00	35.60	144,964	113,562	94,767

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

## Chile Pepper Production, Price, and Value by Utilization – States and United States: 2016-2018

[Chile peppers are defined as all peppers excluding bell peppers.]

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

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Pumpkins for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	4,900	4,500	5,000	4,800	4,400	4,900
Illinois .....	18,100	17,900	12,000	17,400	17,400	11,000
Indiana .....	7,100	6,100	5,800	7,000	6,000	5,500
Michigan .....	5,400	5,300	5,700	5,100	4,900	5,400
Minnesota .....	2,100	2,000	1,700	2,000	1,800	1,400
New Jersey .....	2,100	2,200	2,100	2,000	2,100	1,700
New York .....	6,500	6,100	6,600	5,700	5,600	5,700
North Carolina .....	3,100	2,800	2,900	2,900	2,700	2,300
Ohio .....	3,800	3,800	4,000	3,500	3,500	3,700
Oregon .....	2,200	2,500	2,600	2,100	2,500	2,500
Pennsylvania .....	7,400	7,300	7,300	7,000	6,900	5,700
Tennessee .....	1,500	1,500	1,700	1,400	1,400	1,600
Texas .....	4,400	4,600	5,400	4,000	4,500	4,900
Virginia .....	3,800	3,300	3,900	3,600	3,200	3,500
Washington .....	3,000	3,300	2,800	2,900	2,600	2,400
Wisconsin .....	3,700	4,000	4,100	3,200	2,800	3,700
United States .....	79,100	77,200	73,600	74,600	72,300	65,900

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	270.0	330.0	275.0	1,296.0	1,452.0	1,347.5
Illinois .....	390.0	370.0	470.0	6,786.0	6,438.0	5,170.0
Indiana .....	135.0	160.0	230.0	945.0	960.0	1,265.0
Michigan .....	155.0	155.0	190.0	790.5	759.5	1,026.0
Minnesota .....	110.0	90.0	305.0	220.0	162.0	427.0
New Jersey .....	100.0	95.0	65.0	200.0	199.5	110.5
New York .....	115.0	105.0	82.0	655.5	588.0	467.4
North Carolina .....	260.0	210.0	110.0	754.0	567.0	253.0
Ohio .....	150.0	170.0	180.0	525.0	595.0	666.0
Oregon .....	230.0	180.0	270.0	483.0	450.0	675.0
Pennsylvania .....	170.0	165.0	115.0	1,190.0	1,138.5	655.5
Tennessee .....	150.0	89.0	73.0	210.0	124.6	116.8
Texas .....	410.0	195.0	330.0	1,640.0	877.5	1,617.0
Virginia .....	170.0	225.0	205.0	612.0	720.0	717.5
Washington .....	180.0	180.0	125.0	522.0	468.0	300.0
Wisconsin .....	110.0	150.0	66.0	352.0	420.0	244.2
United States .....	230.3	220.2	228.5	17,181.0	15,919.6	15,058.4

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**Pumpkins for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	1.5	8.1	1,296.0	1,450.5	1,339.4
Illinois .....	-	135.2	31.0	6,786.0	6,302.8	5,139.0
Indiana .....	-	1.0	12.6	945.0	959.0	1,252.4
Michigan .....	-	1.5	15.4	790.5	758.0	1,010.6
Minnesota .....	13.2	22.7	7.7	206.8	139.3	419.3
New Jersey .....	-	1.4	1.7	200.0	198.1	108.8
New York .....	-	17.6	32.3	655.5	570.4	435.1
North Carolina .....	-	6.2	2.5	754.0	560.8	250.5
Ohio .....	-	8.3	14.0	525.0	586.7	652.0
Oregon .....	24.1	22.5	29.7	458.9	427.5	645.3
Pennsylvania .....	-	28.5	34.7	1,190.0	1,110.0	620.8
Tennessee .....	-	13.0	13.4	210.0	111.6	103.4
Texas .....	-	13.2	1.6	1,640.0	864.3	1,615.4
Virginia .....	-	1.4	28.0	612.0	718.6	689.5
Washington .....	26.1	21.5	3.9	495.9	446.5	296.1
Wisconsin .....	21.1	23.5	29.5	330.9	396.5	214.7
United States .....	84.5	319.0	266.1	17,096.5	15,600.6	14,792.3

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	18.50	14.30	20.60	23,976	20,742	27,592
Illinois .....	6.31	3.87	2.68	42,824	24,421	13,751
Indiana .....	14.40	19.20	13.60	13,608	18,457	16,971
Michigan .....	15.10	11.00	14.80	11,909	8,314	14,947
Minnesota .....	19.10	26.50	29.50	3,950	3,691	12,369
New Jersey .....	26.70	30.80	38.40	5,340	6,101	4,178
New York .....	19.40	19.50	18.50	12,717	11,123	8,037
North Carolina .....	24.70	18.60	26.70	18,661	10,437	6,689
Ohio .....	17.80	13.60	16.40	9,362	7,968	10,684
Oregon .....	11.20	15.20	15.20	5,146	6,514	9,781
Pennsylvania .....	20.30	17.60	22.30	24,158	19,503	13,852
Tennessee .....	22.10	19.10	21.90	4,641	2,132	2,264
Texas .....	10.40	26.80	14.90	17,056	23,163	24,069
Virginia .....	30.10	14.40	15.00	18,421	10,348	10,343
Washington .....	27.30	28.20	40.00	13,538	12,604	11,844
Wisconsin .....	18.90	27.80	13.00	6,254	11,023	2,791
United States .....	13.50	12.60	12.90	231,561	196,541	190,162

- Represents zero.

## Pumpkin Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh market</b>			
California .....	1,296.0	1,450.5	1,339.4
Illinois .....	(D)	(D)	325.7
Indiana .....	945.0	(D)	(D)
Michigan .....	(D)	(D)	(D)
Minnesota .....	206.8	139.3	419.3
New Jersey .....	200.0	198.1	108.8
New York .....	655.5	570.4	(D)
North Carolina .....	(D)	(D)	(D)
Ohio .....	(D)	(D)	(D)
Oregon .....	(D)	(D)	276.1
Pennsylvania .....	1,162.6	(D)	(D)
Tennessee .....	210.0	111.6	103.4
Texas .....	1,640.0	864.3	1,615.4
Virginia .....	612.0	718.6	689.5
Washington .....	(D)	(D)	296.1
Wisconsin .....	330.9	396.5	214.7
Other States <sup>1</sup> .....	4,340.6	5,234.5	4,161.2
United States .....	11,599.4	9,683.8	9,549.6
Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
California .....	-	-	-
Illinois .....	(D)	(D)	240,664
Indiana .....	-	(D)	(D)
Michigan .....	(D)	(D)	(D)
Minnesota .....	-	-	-
New Jersey .....	-	-	-
New York .....	-	-	(D)
North Carolina .....	(D)	(D)	(D)
Ohio .....	(D)	(D)	(D)
Oregon .....	(D)	(D)	18,461
Pennsylvania .....	1,369	(D)	(D)
Tennessee .....	-	-	-
Texas .....	-	-	-
Virginia .....	-	-	-
Washington .....	(D)	(D)	-
Wisconsin .....	-	-	-
Other States <sup>1</sup> .....	273,486	295,841	3,009
United States .....	274,855	295,841	262,134

See footnote(s) at end of table.

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**Pumpkin Production, Price, and Value by Utilization – States and United States: 2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	18.50	14.30	20.60	23,976	20,742	27,592
Illinois .....	(D)	(D)	16.80	(D)	(D)	5,472
Indiana .....	14.40	(D)	(D)	13,608	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....	19.10	26.50	29.50	3,950	3,691	12,369
New Jersey .....	26.70	30.80	38.40	5,340	6,101	4,178
New York .....	19.40	19.50	(D)	12,717	11,123	(D)
North Carolina .....	(D)	(D)	(D)	(D)	(D)	(D)
Ohio .....	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	25.80	(D)	(D)	7,123
Pennsylvania .....	20.70	(D)	(D)	24,066	(D)	(D)
Tennessee .....	22.10	19.10	21.90	4,641	2,132	2,264
Texas .....	10.40	26.80	14.90	17,056	23,163	24,069
Virginia .....	30.10	14.40	15.00	18,421	10,348	10,343
Washington .....	(D)	(D)	40.00	(D)	(D)	11,844
Wisconsin .....	18.90	27.80	13.00	6,254	11,023	2,791
Other States <sup>1</sup> .....	20.70	18.10	17.00	89,744	94,540	70,614
United States .....	18.90	18.90	18.70	219,773	182,863	178,659
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	(X)	(X)	(X)	-	-	-
Illinois .....	(D)	(D)	34.40	(D)	(D)	8,279
Indiana .....	(X)	(D)	(D)	-	(D)	(D)
Michigan .....	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota .....	(X)	(X)	(X)	-	-	-
New Jersey .....	(X)	(X)	(X)	-	-	-
New York .....	(X)	(X)	(D)	-	-	(D)
North Carolina .....	(D)	(D)	(D)	(D)	(D)	(D)
Ohio .....	(D)	(D)	(D)	(D)	(D)	(D)
Oregon .....	(D)	(D)	144.00	(D)	(D)	2,658
Pennsylvania .....	66.90	(D)	(D)	92	(D)	(D)
Tennessee .....	(X)	(X)	(X)	-	-	-
Texas .....	(X)	(X)	(X)	-	-	-
Virginia .....	(X)	(X)	(X)	-	-	-
Washington .....	(D)	(D)	(X)	(D)	(D)	-
Wisconsin .....	(X)	(X)	(X)	-	-	-
Other States <sup>1</sup> .....	42.80	46.20	188.00	11,696	13,678	566
United States .....	42.90	46.20	43.90	11,788	13,678	11,503

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Spinach for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	11,200	12,300	11,400	11,200	12,200	11,100
California .....	40,000	47,300	44,900	39,000	46,400	44,200
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	2,500	2,300	2,200	2,400	2,100	2,000
Texas .....	4,200	3,000	3,000	4,000	2,800	2,800
Other States <sup>1</sup> .....	1,300	1,250	1,350	1,300	1,230	1,350
United States .....	59,200	66,150	62,850	57,900	64,730	61,450
State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	180.0	150.0	170.0	2,016.0	1,830.0	1,887.0
California .....	130.0	110.0	125.0	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 .....	165.0	150.0	115.0	396.0	315.0	230.0
Texas .....	245.0	240.0	250.0	980.0	672.0	700.0
Other States <sup>1</sup> .....	91.0	138.0	103.0	118.5	169.6	138.5
United States .....	148.2	125.0	138.0	8,580.5	8,090.6	8,480.5
State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	-	2,016.0	1,830.0	1,887.0
California .....	-	-	-	5,070.0	5,104.0	5,525.0
Colorado .....	-	-	(D)	(D)	(D)	(D)
Maryland .....	-	-	(D)	(D)	(D)	(D)
New Jersey .....	-	-	-	396.0	315.0	230.0
Texas .....	-	-	-	980.0	672.0	700.0
Other States <sup>1</sup> .....	-	-	-	118.5	169.6	138.5
United States .....	-	-	-	8,580.5	8,090.6	8,480.5
State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
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

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Includes data withheld above.

## Spinach Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
Arizona .....	2,016.0	1,830.0	1,887.0			
California .....	(D)	(D)	(D)			
Colorado .....	(D)	(D)	(D)			
Maryland .....	(D)	(D)	(D)			
New Jersey .....	254.2	(D)	(D)			
Texas .....	276.4	463.7	287.0			
Other States <sup>1</sup> .....	4,417.8	4,339.9	4,724.4			
United States .....	6,964.4	6,633.6	6,898.4			
Utilization and State	Utilized production					
	2016	2017	2018			
	(tons)	(tons)	(tons)			
<b>Processing</b>						
Arizona .....	-	-	-			
California .....	(D)	(D)	(D)			
Colorado .....	(D)	(D)	(D)			
Maryland .....	(D)	(D)	(D)			
New Jersey .....	7,088	(D)	(D)			
Texas .....	35,182	10,416	20,650			
Other States <sup>1</sup> .....	38,529	62,434	58,457			
United States .....	80,799	72,850	79,107			
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
Arizona .....	46.20	53.30	44.40	93,139	97,539	83,783
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	47.90	(D)	(D)	12,176	(D)	(D)
Texas .....	26.50	39.30	38.80	7,325	18,223	11,136
Other States <sup>1</sup> .....	57.20	78.50	66.10	252,805	340,801	312,356
United States .....	52.50	68.80	59.00	365,445	456,563	407,275
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Arizona .....	(X)	(X)	(X)	-	-	-
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey .....	273.00	(D)	(D)	1,935	(D)	(D)
Texas .....	83.00	110.00	107.00	2,920	1,146	2,210
Other States <sup>1</sup> .....	209.00	211.00	229.00	8,045	13,151	13,394
United States .....	160.00	196.00	197.00	12,900	14,297	15,604

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.



**Squash for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	7,900	7,800	6,900	7,800	7,700	6,700
Florida .....	7,400	7,800	(D)	6,900	7,500	(D)
Georgia .....	3,700	3,300	(D)	3,600	3,300	(D)
Michigan .....	9,600	9,300	9,000	9,300	9,200	8,700
New Jersey .....	3,100	3,500	4,100	2,900	3,300	3,500
New York .....	5,800	5,600	5,200	5,600	5,400	4,900
North Carolina .....	3,800	3,000	3,800	3,700	2,800	3,500
Oregon .....	4,400	5,100	4,300	4,400	5,000	4,300
Texas .....	2,000	1,900	1,900	1,900	1,700	1,500
Other States <sup>1</sup> .....	-	-	12,200	-	-	11,700
United States .....	47,700	47,300	47,400	46,100	45,900	44,800

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	200.0	170.0	155.0	1,560.0	1,309.0	1,038.5
Florida .....	115.0	130.0	(D)	793.5	975.0	(D)
Georgia .....	165.0	155.0	(D)	594.0	511.5	(D)
Michigan .....	240.0	230.0	220.0	2,232.0	2,116.0	1,914.0
New Jersey .....	115.0	110.0	93.0	333.5	363.0	325.5
New York .....	170.0	150.0	165.0	952.0	810.0	808.5
North Carolina .....	66.0	97.0	175.0	244.2	271.6	612.5
Oregon .....	290.0	300.0	310.0	1,276.0	1,500.0	1,333.0
Texas .....	90.0	90.0	59.0	171.0	153.0	88.5
Other States <sup>1</sup> .....	(X)	(X)	109.0	-	-	1,272.0
United States .....	176.9	174.5	165.0	8,156.2	8,009.1	7,392.5

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	20.9	69.6	1,560.0	1,288.1	968.9
Florida .....	-	4.9	(D)	793.5	970.1	(D)
Georgia .....	-	5.1	(D)	594.0	506.4	(D)
Michigan .....	-	-	30.6	2,232.0	2,116.0	1,883.4
New Jersey .....	-	0.4	18.2	333.5	362.6	307.3
New York .....	-	7.3	3.2	952.0	802.7	805.3
North Carolina .....	-	0.5	1.2	244.2	271.1	611.3
Oregon .....	-	-	-	1,276.0	1,500.0	1,333.0
Texas .....	-	-	0.3	171.0	153.0	88.2
Other States <sup>1</sup> .....	-	-	19.1	-	-	1,252.9
United States .....	-	39.1	142.2	8,156.2	7,970.0	7,250.3

See footnote(s) at end of table.

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**Squash for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	28.10	35.00	32.00	43,796	45,022	30,973
Florida .....	45.10	40.30	(D)	35,787	39,095	(D)
Georgia .....	38.00	43.80	(D)	22,572	22,180	(D)
Michigan .....	15.00	20.20	19.70	33,570	42,838	37,072
New Jersey .....	32.70	45.00	27.30	10,921	16,313	8,387
New York .....	29.30	38.30	30.00	27,936	30,737	24,174
North Carolina .....	30.00	45.40	29.90	7,326	12,313	18,306
Oregon .....	8.61	11.60	9.90	10,981	17,369	13,194
Texas .....	41.20	63.70	39.50	7,042	9,746	3,481
Other States <sup>1</sup> .....	(X)	(X)	45.80	-	-	57,335
United States .....	24.50	29.60	26.60	199,931	235,613	192,922

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

## Squash Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
California .....	1,429.0	(D)	884.8			
Florida .....	793.5	970.1	(D)			
Georgia .....	594.0	506.4	(D)			
Michigan .....	(D)	1,299.2	1,225.0			
New Jersey .....	(D)	(D)	(D)			
New York .....	608.3	(D)	(D)			
North Carolina .....	244.2	(D)	(D)			
Oregon .....	(D)	217.5	122.6			
Texas .....	(D)	153.0	(D)			
Other States <sup>1</sup> .....	1,479.3	2,598.4	2,883.8			
United States .....	5,148.3	5,744.6	5,116.2			
Utilization and State	Utilized production					
	2016	2017	2018			
	(tons)	(tons)	(tons)			
<b>Processing</b>						
California .....	6,552	(D)	4,206			
Florida .....	-	-	(D)			
Georgia .....	-	-	(D)			
Michigan .....	(D)	40,839	32,921			
New Jersey .....	(D)	(D)	(D)			
New York .....	17,184	(D)	(D)			
North Carolina .....	-	(D)	(D)			
Oregon .....	(D)	64,125	60,518			
Texas .....	(D)	-	(D)			
Other States <sup>1</sup> .....	126,662	6,304	9,057			
United States .....	150,398	111,268	106,702			
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	29.80	(D)	33.20	42,584	(D)	29,375
Florida .....	45.10	40.30	(D)	35,787	39,095	(D)
Georgia .....	38.00	43.80	(D)	22,572	22,180	(D)
Michigan .....	(D)	28.10	26.50	(D)	36,508	32,463
New Jersey .....	(D)	(D)	(D)	(D)	(D)	(D)
New York .....	31.80	(D)	(D)	19,344	(D)	(D)
North Carolina .....	30.00	(D)	(D)	7,326	(D)	(D)
Oregon .....	(D)	43.00	46.90	(D)	9,353	5,750
Texas .....	(D)	63.70	(D)	(D)	9,746	(D)
Other States <sup>1</sup> .....	28.90	39.40	37.30	42,784	102,251	107,629
United States .....	33.10	38.10	34.20	170,397	219,133	175,217

See footnote(s) at end of table.

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**Squash Production, Price, and Value by Utilization – States and United States: 2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	185.00	(D)	380.00	1,212	(D)	1,598
Florida .....	(X)	(X)	(D)	-	-	(D)
Georgia .....	(X)	(X)	(D)	-	-	(D)
Michigan .....	(D)	155.00	140.00	(D)	6,330	4,609
New Jersey .....	(D)	(D)	(D)	(D)	(D)	(D)
New York .....	500.00	(D)	(D)	8,592	(D)	(D)
North Carolina .....	(X)	(D)	(D)	-	(D)	(D)
Oregon .....	(D)	125.00	123.00	(D)	8,016	7,444
Texas .....	(D)	(X)	(D)	(D)	-	(D)
Other States <sup>1</sup> .....	156.00	339.00	448.00	19,730	2,134	4,054
United States .....	196.00	148.00	166.00	29,534	16,480	17,705

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Strawberries for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	38,500	39,000	35,900	38,200	38,100	35,800
Florida .....	9,600	9,600	9,900	9,500	9,500	9,800
New York .....	1,400	1,300	800	1,260	1,200	700
North Carolina .....	1,200	1,100	1,100	1,100	1,000	1,000
Oregon .....	2,500	2,400	1,300	2,400	2,200	1,100
Washington .....	1,400	1,300	900	1,300	1,200	820
United States .....	54,600	54,700	49,900	53,760	53,200	49,220

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	710.0	645.0	720.0	27,122.0	24,574.5	25,776.0
Florida .....	205.0	225.0	250.0	1,947.5	2,137.5	2,450.0
New York .....	40.0	39.0	44.0	50.4	46.8	30.8
North Carolina .....	120.0	135.0	125.0	132.0	135.0	125.0
Oregon .....	97.0	91.0	100.0	232.8	200.2	110.0
Washington .....	94.0	95.0	105.0	122.2	114.0	86.1
United States .....	550.7	511.4	580.6	29,606.9	27,208.0	28,577.9

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	27.1	24.6	25.8	27,094.9	24,549.9	25,750.2
Florida .....	-	-	-	1,947.5	2,137.5	2,450.0
New York .....	-	1.3	0.2	50.4	45.5	30.6
North Carolina .....	-	6.3	-	132.0	128.7	125.0
Oregon .....	-	-	0.7	232.8	200.2	109.3
Washington .....	1.2	1.1	0.3	121.0	112.9	85.8
United States .....	28.3	33.3	27.0	29,578.6	27,174.7	28,550.9

  

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	105.00	103.00	90.90	2,849,626	2,530,903	2,340,315
Florida .....	166.00	140.00	115.00	323,285	299,114	281,750
New York .....	235.00	229.00	204.00	11,844	10,415	6,229
North Carolina .....	187.00	166.00	171.00	24,684	21,308	21,375
Oregon .....	86.70	110.00	107.00	20,195	22,048	11,687
Washington .....	116.00	107.00	107.00	14,077	12,025	9,167
United States .....	110.00	107.00	93.50	3,243,711	2,895,813	2,670,523

- Represents zero.

## Strawberry Production, Price, and Value by Utilization – States and United States: 2016-2018

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
California .....	20,829.7	18,996.1	20,285.7			
Florida .....	1,947.5	(D)	2,450.0			
New York .....	50.4	(D)	(D)			
North Carolina .....	132.0	126.0	125.0			
Oregon .....	34.9	32.8	(D)			
Washington .....	29.3	(D)	(D)			
Other States <sup>1</sup> .....	-	2,217.1	58.1			
United States .....	23,023.8	21,372.0	22,918.8			
Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Processing</b>						
California .....	6,265.2	5,553.8	5,464.5			
Florida .....	-	(D)	-			
New York .....	-	(D)	(D)			
North Carolina .....	-	2.7	-			
Oregon .....	197.9	167.4	(D)			
Washington .....	91.7	(D)	(D)			
Other States <sup>1</sup> .....	-	78.8	167.6			
United States .....	6,554.8	5,802.7	5,632.1			
Utilization and State	Price Per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	123.00	123.00	104.00	2,562,053	2,336,520	2,109,713
Florida .....	166.00	(D)	115.00	323,285	(D)	281,750
New York .....	235.00	(D)	(D)	11,844	(D)	(D)
North Carolina .....	187.00	168.00	171.00	24,684	21,168	21,375
Oregon .....	108.00	195.00	(D)	3,769	6,396	(D)
Washington .....	205.00	(D)	(D)	6,007	(D)	(D)
Other States <sup>1</sup> .....	(X)	143.00	211.00	-	316,105	12,288
United States .....	127.00	125.00	106.00	2,931,642	2,680,189	2,425,126
Utilization and State	Price Per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	45.90	35.00	42.20	287,573	194,383	230,602
Florida .....	(X)	(D)	(X)	-	(D)	-
New York .....	(X)	(D)	(D)	-	(D)	(D)
North Carolina .....	(X)	51.90	(X)	-	140	-
Oregon .....	83.00	93.50	(D)	16,426	15,652	(D)
Washington .....	88.00	(D)	(D)	8,070	(D)	(D)
Other States <sup>1</sup> .....	(X)	69.10	88.30	-	5,449	14,795
United States .....	47.60	37.20	43.60	312,069	215,624	245,397

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

# Tomatoes for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018

[Cherry, grape, tomatillo, and greenhouse tomatoes are excluded]

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California .....	287,500	256,000	266,000	285,300	247,700	260,600
Florida .....	30,000	29,000	29,000	28,000	28,000	27,000
Indiana .....	8,300	8,000	7,800	8,000	7,800	7,600
Michigan .....	6,000	5,700	5,200	5,700	5,500	5,000
New Jersey .....	3,900	4,100	4,200	3,800	4,000	4,100
North Carolina .....	3,500	3,300	3,500	3,400	3,200	3,000
Ohio .....	5,800	5,600	5,500	5,600	5,500	5,400
South Carolina .....	3,400	2,900	3,300	3,300	2,800	3,200
Tennessee .....	3,900	3,800	4,200	3,600	3,600	4,000
Virginia .....	2,600	2,500	2,100	2,400	2,400	2,000
United States .....	354,900	320,900	330,800	349,100	310,500	321,900

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	914.0	895.0	980.0	260,764.2	221,691.5	255,388.0
Florida .....	260.0	300.0	280.0	7,280.0	8,400.0	7,560.0
Indiana .....	650.0	590.0	650.0	5,200.0	4,602.0	4,940.0
Michigan .....	555.0	560.0	550.0	3,163.5	3,080.0	2,750.0
New Jersey .....	260.0	280.0	230.0	988.0	1,120.0	943.0
North Carolina .....	310.0	330.0	290.0	1,054.0	1,056.0	870.0
Ohio .....	505.0	490.0	520.0	2,828.0	2,695.0	2,808.0
South Carolina .....	280.0	370.0	360.0	924.0	1,036.0	1,152.0
Tennessee .....	335.0	355.0	310.0	1,206.0	1,278.0	1,240.0
Virginia .....	210.0	290.0	210.0	504.0	696.0	420.0
United States .....	813.3	791.2	863.8	283,911.7	245,654.5	278,071.0

  

Utilization and State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	-	5,098.9	1,532.3	260,764.2	216,592.6	253,855.7
Florida .....	-	411.6	793.8	7,280.0	7,988.4	6,766.2
Indiana .....	-	-	-	5,200.0	4,602.0	4,940.0
Michigan .....	-	12.3	-	3,163.5	3,067.7	2,750.0
New Jersey .....	-	1.1	226.3	988.0	1,118.9	716.7
North Carolina .....	-	57.0	6.1	1,054.0	999.0	863.9
Ohio .....	-	-	-	2,828.0	2,695.0	2,808.0
South Carolina .....	-	2.1	1.2	924.0	1,033.9	1,150.8
Tennessee .....	-	12.8	24.8	1,206.0	1,265.2	1,215.2
Virginia .....	-	3.5	10.9	504.0	692.5	409.1
United States .....	-	5,599.3	2,595.4	283,911.7	240,055.2	275,475.6

  

Utilization and State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California .....	5.03	4.97	4.72	1,310,483	1,075,824	1,197,642
Florida .....	52.50	32.80	49.70	382,200	262,020	336,496
Indiana .....	5.95	6.63	6.38	30,954	30,519	31,530
Michigan .....	10.70	11.70	12.90	33,919	35,987	35,352
New Jersey .....	52.30	35.00	59.20	51,626	39,202	42,411
North Carolina .....	54.20	46.20	39.20	57,127	46,116	33,845
Ohio .....	16.60	18.00	18.60	46,862	48,626	52,173
South Carolina .....	35.00	33.30	39.00	32,340	34,429	44,881
Tennessee .....	40.10	48.80	44.60	48,310	61,719	54,176
Virginia .....	46.00	62.80	67.90	23,184	43,518	27,774
United States .....	7.10	6.99	6.74	2,017,005	1,677,960	1,856,280

- Represents zero.

## Tomato Production, Price, and Value by Utilization – States and United States: 2016-2018

[Cherry, grape, tomatillo, and greenhouse tomatoes are excluded]

Utilization and State	Utilized production					
	2016	2017	2018			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
<b>Fresh market</b>						
California .....	7,822.9	7,315.8	8,172.4			
Florida .....	7,280.0	7,988.4	(D)			
Indiana .....	26.0	32.2	49.4			
Michigan .....	404.9	406.6	495.0			
New Jersey .....	(D)	689.9	510.2			
North Carolina .....	1,054.0	(D)	(D)			
Ohio .....	639.1	649.5	561.6			
South Carolina .....	924.0	1,033.9	1,150.8			
Tennessee .....	(D)	(D)	(D)			
Virginia .....	504.0	(D)	(D)			
Other States <sup>1</sup> .....	1,840.9	2,853.4	8,683.1			
United States .....	20,495.8	20,969.7	19,622.5			
Utilization and State	Utilized production					
	2016	2017	2018			
	(tons)	(tons)	(tons)			
<b>Processing</b>						
California .....	12,647,064	10,463,839	12,284,163			
Florida .....	-	-	(D)			
Indiana .....	258,700	228,489	244,530			
Michigan .....	137,929	133,056	112,750			
New Jersey .....	(D)	21,448	10,326			
North Carolina .....	-	(D)	(D)			
Ohio .....	109,444	102,275	112,320			
South Carolina .....	-	-	-			
Tennessee .....	(D)	(D)	(D)			
Virginia .....	-	(D)	(D)			
Other States <sup>1</sup> .....	17,656	5,160	28,566			
United States .....	13,170,793	10,954,267	12,792,655			
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
California .....	28.00	31.20	27.80	219,041	228,253	227,193
Florida .....	52.50	32.80	(D)	382,200	262,020	(D)
Indiana .....	66.20	75.00	69.00	1,721	2,415	3,409
Michigan .....	46.30	54.80	47.50	18,747	22,282	23,513
New Jersey .....	(D)	53.90	80.90	(D)	37,186	41,275
North Carolina .....	54.20	(D)	(D)	57,127	(D)	(D)
Ohio .....	55.00	56.60	69.90	35,151	36,762	39,256
South Carolina .....	35.00	33.30	39.00	32,340	34,429	44,881
Tennessee .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	46.00	(D)	(D)	23,184	(D)	(D)
Other States <sup>1</sup> .....	52.70	52.10	50.00	97,099	148,744	434,455
United States .....	42.30	36.80	41.50	866,610	772,091	813,982

See footnote(s) at end of table.

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**Tomato Production, Price, and Value by Utilization – States and United States: 2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
California .....	86.30	81.00	79.00	1,091,442	847,571	970,449
Florida .....	(X)	(X)	(D)	-	-	(D)
Indiana .....	113.00	123.00	115.00	29,233	28,104	28,121
Michigan .....	110.00	103.00	105.00	15,172	13,705	11,839
New Jersey .....	(D)	94.00	110.00	(D)	2,016	1,136
North Carolina .....	(X)	(D)	(D)	-	(D)	(D)
Ohio .....	107.00	116.00	115.00	11,711	11,864	12,917
South Carolina .....	(X)	(X)	-	-	-	-
Tennessee .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(X)	(D)	(D)	-	(D)	(D)
Other States <sup>1</sup> .....	161.00	506.00	624.00	2,837	2,609	17,836
United States .....	87.30	82.70	81.50	1,150,395	905,869	1,042,298

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

**Watermelons for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018**

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Arizona .....	5,500	5,000	(D)	5,500	3,500	(D)
California .....	10,500	10,800	12,000	10,400	10,600	11,900
Delaware .....	3,900	4,000	3,900	3,800	3,900	3,800
Florida .....	22,500	22,400	22,600	22,200	22,000	22,500
Georgia .....	21,000	22,000	23,000	20,900	20,900	20,600
Indiana .....	6,700	6,300	6,600	6,600	6,200	6,500
Maryland .....	4,600	4,100	3,700	4,200	3,700	3,500
Missouri .....	2,800	3,100	(D)	2,700	3,000	(D)
North Carolina .....	6,600	7,300	7,700	6,300	7,100	7,300
South Carolina .....	4,700	5,000	4,500	4,400	4,900	4,300
Texas .....	28,000	25,000	24,000	25,000	22,000	23,000
Other States .....	-	-	8,200	-	-	8,000
United States .....	116,800	115,000	116,200	112,000	107,800	111,400

  

State	Yield per acre			Total production		
	2016	2017	2018	2016	2017	2018
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	445.0	515.0	(D)	2,447.5	1,802.5	(D)
California .....	540.0	585.0	540.0	5,616.0	6,201.0	6,426.0
Delaware .....	365.0	280.0	270.0	1,387.0	1,092.0	1,026.0
Florida .....	350.0	395.0	360.0	7,770.0	8,690.0	8,100.0
Georgia .....	340.0	380.0	260.0	7,106.0	7,942.0	5,356.0
Indiana .....	430.0	415.0	470.0	2,838.0	2,573.0	3,055.0
Maryland .....	345.0	300.0	300.0	1,449.0	1,110.0	1,050.0
Missouri .....	390.0	235.0	(D)	1,053.0	705.0	(D)
North Carolina .....	230.0	300.0	250.0	1,449.0	2,130.0	1,825.0
South Carolina .....	360.0	440.0	230.0	1,584.0	2,156.0	989.0
Texas .....	290.0	290.0	340.0	7,250.0	6,380.0	7,820.0
Other States .....	-	-	425.0	-	-	3,398.0
United States .....	356.7	378.3	350.5	39,949.5	40,781.5	39,045.0

  

State	Harvested not sold			Utilized production		
	2016	2017	2018	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona .....	-	-	(D)	2,447.5	1,802.5	(D)
California .....	-	24.8	32.1	5,616.0	6,176.2	6,393.9
Delaware .....	-	-	-	1,387.0	1,092.0	1,026.0
Florida .....	-	-	56.7	7,770.0	8,690.0	8,043.3
Georgia .....	-	214.4	10.7	7,106.0	7,727.6	5,345.3
Indiana .....	-	-	-	2,838.0	2,573.0	3,055.0
Maryland .....	-	-	10.5	1,449.0	1,110.0	1,039.5
Missouri .....	-	2.8	(D)	1,053.0	702.2	(D)
North Carolina .....	-	27.7	25.5	1,449.0	2,102.3	1,799.5
South Carolina .....	-	2.2	2.0	1,584.0	2,153.8	987.0
Texas .....	-	223.3	54.7	7,250.0	6,156.7	7,765.3
Other States .....	-	-	4.0	-	-	3,394.0
United States .....	-	495.2	196.2	39,949.5	40,286.3	38,848.8

See footnote(s) at end of table.

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**Watermelon for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2016-2018 (continued)**

State	Price per cwt			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Arizona .....	14.40	23.50	(D)	35,244	42,359	(D)
California .....	18.20	19.00	18.20	102,211	117,348	116,369
Delaware .....	14.00	8.00	11.00	19,418	8,736	11,286
Florida .....	16.10	17.60	20.00	125,097	152,944	160,866
Georgia .....	11.70	10.90	14.30	83,140	84,231	76,438
Indiana .....	12.00	10.50	9.10	34,056	27,017	27,915
Maryland .....	11.70	11.10	10.00	16,953	12,321	10,395
Missouri .....	11.60	12.00	(D)	12,192	8,445	(D)
North Carolina .....	14.20	10.80	12.40	20,576	22,705	22,314
South Carolina .....	15.10	12.20	17.40	23,918	26,276	17,174
Texas .....	10.20	14.90	18.50	73,950	91,651	143,387
Other States .....	-	-	20.80	-	-	70,511
United States .....	13.70	14.70	16.90	546,755	594,033	656,655

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

**Watermelon Production, Price, and Value by Utilization – States and United States: 2016-2018**

Utilization and State	Utilized production		
	2016	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Fresh market</b>			
Arizona .....	2,447.5	1,802.5	(D)
California .....	5,616.0	6,176.2	6,393.9
Delaware .....	1,387.0	1,092.0	1,026.0
Florida .....	7,770.0	8,690.0	8,043.3
Georgia .....	7,106.0	7,727.6	5,345.3
Indiana .....	2,838.0	2,573.0	(D)
Maryland .....	1,449.0	1,110.0	1,039.5
Missouri .....	(D)	(D)	(D)
North Carolina .....	(D)	2,102.3	1,799.5
South Carolina .....	1,584.0	2,153.8	987.0
Texas .....	7,250.0	(D)	(D)
Other States <sup>1</sup> .....	2,430.1	6,606.0	14,045.9
United States .....	39,877.6	40,033.4	38,680.4
Utilization and State	Utilized production		
	2016	2017	2018
	(tons)	(tons)	(tons)
<b>Processing</b>			
Arizona .....	-	-	(D)
California .....	-	-	-
Delaware .....	-	-	-
Florida .....	-	-	-
Georgia .....	-	-	-
Indiana .....	-	-	(D)
Maryland .....	-	-	-
Missouri .....	(D)	(D)	(D)
North Carolina .....	(D)	-	-
South Carolina .....	-	-	-
Texas .....	-	(D)	(D)
Other States <sup>1</sup> .....	3,595	12,646	8,420
United States .....	3,595	12,646	8,420

See footnote(s) at end of table.

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**Watermelon Production, Price, and Value by Utilization – States and United States:  
2016-2018 (continued)**

Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Fresh market</b>						
Arizona .....	14.40	23.50	(D)	35,244	42,359	(D)
California .....	18.20	19.00	18.20	102,211	117,348	116,369
Delaware .....	14.00	8.00	11.00	19,418	8,736	11,286
Florida .....	16.10	17.60	20.00	125,097	152,944	160,866
Georgia .....	11.70	10.90	14.30	83,140	84,231	76,438
Indiana .....	12.00	10.50	(D)	34,056	27,017	(D)
Maryland .....	11.70	11.10	10.00	16,953	12,321	10,395
Missouri .....	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina .....	(D)	10.80	12.40	(D)	22,705	22,314
South Carolina .....	15.10	12.20	17.40	23,918	26,276	17,174
Texas .....	10.20	(D)	(D)	73,950	(D)	(D)
Other States <sup>1</sup> .....	13.50	15.10	17.10	32,704	99,782	240,580
United States .....	13.70	14.80	16.90	546,691	593,719	655,422
Utilization and State	Price per unit			Value of utilized production		
	2016	2017	2018	2016	2017	2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Processing</b>						
Arizona .....	(X)	(X)	(D)	-	-	(D)
California .....	(X)	(X)	(X)	-	-	-
Delaware .....	(X)	(X)	(X)	-	-	-
Florida .....	(X)	(X)	(X)	-	-	-
Georgia .....	(X)	(X)	(X)	-	-	-
Indiana .....	(X)	(X)	(D)	-	-	(D)
Maryland .....	(X)	(X)	(X)	-	-	-
Missouri .....	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina .....	(D)	(X)	(X)	(D)	-	-
South Carolina .....	(X)	(X)	(X)	-	-	-
Texas .....	(X)	(D)	(D)	-	(D)	(D)
Other States <sup>1</sup> .....	17.80	24.80	146.00	64	314	1,233
United States .....	17.80	24.80	146.00	64	314	1,233

- Represents zero.  
(D) Withheld to avoid disclosing data for individual operations.  
(X) Not applicable.  
<sup>1</sup> Includes data withheld above.

## Vegetable Comments

**Artichokes:** Total production in 2018 totaled 1.00 million cwt, up 7 percent from the 2017 total. Planted area was estimated at 6,900 acres, down 4 percent from the previous year. Area harvested, at 6,900 acres, was down 4 percent from 2017. The value of the crop totaled \$63.0 million, 4 percent less than the previous season. Utilized production totaled 1.00 million cwt, all of which was for the fresh market.

In California, despite some early frost, favorable weather and moisture extended the 2018 season and resulted in increased production.

**Asparagus:** Total production in 2018 totaled 781,800 cwt, down 7 percent from the 2017 total. Planted area was estimated at 22,900 acres, down 17 percent from the previous year. Area harvested, at 21,700 acres, was down 17 percent from 2017. The value of the crop totaled \$87.6 million, 13 percent less than the previous season. Utilized production totaled 774,700 cwt, of which 617,600 cwt was for the fresh market and 7,852 tons for processing.

In Michigan, the asparagus harvest began the second week of May in the Southwest region. Asparagus beetle had to be controlled with insecticides throughout the month of May. Harvest drew to a close by the end of June. In Washington, harvest began in early April and wrapped up toward the middle of June. In California, harvest began by early April. The New Jersey harvest began the week ending April 23 with an excellent quality crop harvested through the beginning of June. Cooler temperatures toward the end of May drew out the harvest to the end of June.

**Green lima beans:** Total production in 2018 totaled 681,700 cwt, up 2 percent from the 2017 total. Planted area was estimated at 25,100 acres, up 2 percent from the previous year. Area harvested, at 23,750 acres, was down 1 percent from 2017. The value of the crop totaled \$21.6 million, 11 percent more than the previous season. Utilized production totaled 676,900 cwt, of which 7,000 cwt was for the fresh market and 33,495 tons for processing.

In Delaware, the largest producing State, the planting season lasted from mid-May until mid-July, with the harvest season lasting until October. Both the planting and harvesting seasons finished earlier than the five-year average.

**Snap beans:** Total production in 2018 totaled 17.6 million cwt, down 3 percent from the 2017 total. Planted area was estimated at 235,400 acres, up 6 percent from the previous year. Area harvested, at 221,500 acres, was up 4 percent from 2017. The value of the crop totaled \$364 million, 4 percent more than the previous season. Utilized production totaled 17.6 million cwt, of which 4.02 million cwt was for the fresh market and 677,027 tons for processing.

In Wisconsin, the largest producing State, heavy rain in late summer reduced quality. Some fields were unable to be harvested due to excessive moisture. In New York, planting wrapped up in late July and harvest continued into early October. In Michigan, periods of wet, cool weather hampered fieldwork and limited production.

**Broccoli:** Total production in 2018 totaled 17.3 million cwt, down 15 percent from the 2017 total. Planted area was estimated at 114,900 acres, down 11 percent from the previous year. Area harvested, at 113,900 acres, was down 11 percent from 2017. The value of the crop totaled \$739 million, 20 percent less than the previous season. Utilized production totaled 17.3 million cwt, of which 16.8 million cwt was for the fresh market and 24,746 tons for processing.

In both Arizona and California, growers reported cool and wet conditions throughout the harvest season that lead to reduced yields and production for the 2018 crop.

**Cabbage:** Total production in 2018 totaled 19.5 million cwt, down 18 percent from the 2017 total. Planted area was estimated at 58,300 acres, down 7 percent from the previous year. Area harvested, at 54,200 acres, was down 11 percent from 2017. The value of the crop totaled \$409 million, 5 percent less than the previous season. Utilized production totaled 19.3 million cwt, of which 17.4 million cwt was for the fresh market and 96,274 tons for processing.

In Florida, much of the cabbage growing region avoided the drought conditions experienced in other parts of the State. In Georgia, growing conditions were ideal for much of the season but Hurricane Michael caused significant damage leading

to abandoned acreage. In Wisconsin, reports of black rot on cabbage increased due to excessive moisture.

**Cantaloupes:** Total production in 2018 totaled 14.6 million cwt, down 5 percent from the 2017 total. Planted area was estimated at 62,300 acres, down 4 percent from the previous year. Area harvested, at 60,700 acres, was down 4 percent from 2017. The value of the crop totaled \$332 million, 12 percent more than the previous season. Utilized production totaled 14.6 million cwt, all of which was for the fresh market.

In California, the largest producing State, high temperatures during the summer months provided optimal growing conditions. With temperatures consistently above 100 degrees, diseases were held to a minimum. However, a late-season freeze limited production. The colder temperatures led to a slight decrease in volume and as a result, prices increased. In Arizona, the market was steady throughout the season with excellent quality fruit reported.

**Carrots:** Total production in 2018 totaled 33.0 million cwt, up 7 percent from the 2017 total. Planted area was estimated at 80,800 acres, up 1 percent from the previous year. Area harvested, at 79,800 acres, was up 5 percent from 2017. The value of the crop totaled \$732 million, 5 percent more than the previous season. Utilized production totaled 32.9 million cwt, of which 24.6 million cwt was for the fresh market and 417,207 tons for processing.

In California, the largest producing State, the increase in production mirrors the increasing demand for specialty carrots, yellow and purple pigmented varieties, and baby carrots. In Washington, a rainy spring and a later than normal planting window caused carrots to be undersized.

**Cauliflower:** Total production in 2018 totaled 9.29 million cwt, up 2 percent from the 2017 total. Planted area was estimated at 44,100 acres, down 6 percent from the previous year. Area harvested, at 43,900 acres, was down 4 percent from 2017. The value of the crop totaled \$425 million, 2 percent more than the previous season. Utilized production totaled 9.28 million cwt, of which 9.10 million cwt was for the fresh market and 8,940 tons for processing.

In California, the largest producing State, quality was good however volume was down due to cooler temperatures during the growing season. Demand during the season was good. In Arizona, colder than normal temperatures caused some growing problems during the season however production was still up from the previous season due to increased acres.

**Celery:** Total production in 2018 totaled 17.8 million cwt, up 11 percent from the 2017 total. Planted area was estimated at 30,400 acres, down 6 percent from the previous year. Area harvested, at 30,200 acres, was down 5 percent from 2017. The value of the crop totaled \$444 million, 38 percent more than the previous season. Utilized production totaled 17.8 million cwt, of which 16.5 million cwt was for the fresh market and 61,839 tons for processing.

In California, the largest producing State, conditions during the growing season were good and the quality of the crop was excellent. Prices were much improved from recent seasons.

**Sweet corn:** Total production in 2018 totaled 73.3 million cwt, down 3 percent from the 2017 total. Planted area was estimated at 494,600 acres, up 2 percent from the previous year. Area harvested, at 473,100 acres, was up 2 percent from 2017. The value of the crop totaled \$859 million, 4 percent less than the previous season. Utilized production totaled 73.2 million cwt, of which 22.4 million cwt was for the fresh market and 2.54 million tons for processing.

In Minnesota, the largest producing State, wet conditions led to a late planting season. Warm summer temperatures helped with growth, but excess fall rains left many acres unharvested due to soggy field conditions. In Washington, the weather was hot and dry for most of the growing season. Planting started in May, with harvest lasting through the first week of October.

**Cucumbers:** Total production in 2018 totaled 15.5 million cwt, down 18 percent from the 2017 total. Planted area was estimated at 114,300 acres, down 4 percent from the previous year. Area harvested, at 110,900 acres, was down 5 percent from 2017. The value of the crop totaled \$333 million, 15 percent less than the previous season. Utilized production totaled 15.4 million cwt, of which 5.60 million cwt was for the fresh market and 491,268 tons for processing.

In Eastern Michigan, the season was drier and hotter than normal. Some much needed rain brought relief prior to harvest,

but increased disease pressure created some quality problems. Southwestern Michigan was much wetter, with rains hampering fieldwork. In North Carolina, 2018 was the State's wettest year on record and the average temperatures were above normal. Significant weather events including Subtropical Storm Alberto, Hurricane Florence, and Hurricane Michael all impacted the growing season. Incidences of cucumber Anthracnose and downy mildew were also confirmed during the 2018 season.

**Garlic:** Total production in 2018 totaled 5.74 million cwt, up 12 percent from the 2017 total. Planted area was estimated at 33,000 acres, unchanged from the previous year. Area harvested, at 32,800 acres, was down 1 percent from 2017. The value of the crop totaled \$453 million, 16 percent more than the previous season. Utilized production totaled 5.74 million cwt, of which 2.01 million cwt was for the fresh market and 186,550 tons for processing.

California growers reported record production, as warm weather conditions were ideal for the crop. The harvest season ran from June through late fall. Some growers reported large and plentiful bulbs with excellent quality.

**Honeydew:** Total production in 2018 totaled 4.62 million cwt, up 37 percent from the 2017 total. Planted area was estimated at 14,900 acres, up 28 percent from the previous year. Area harvested, at 14,900 acres, was also up 28 percent from 2017. The value of the crop totaled \$90.5 million, 4 percent less than the previous season. Utilized production totaled 4.62 million cwt, all of which was for the fresh market.

In California, high temperatures in late June provided optimal conditions for growth. Additionally, the high temperatures minimized disease. Prices were pressured downward with the abundant supplies available this season.

**Head lettuce:** Total production in 2018 totaled 40.6 million cwt, down 18 percent from the 2017 total. Planted area was estimated at 120,700 acres, down 15 percent from the previous year. Area harvested, at 120,300 acres, was down 14 percent from 2017. The value of the crop totaled \$1.22 billion, 31 percent less than the previous season. Utilized production totaled 40.6 million cwt, all of which was for the fresh market.

In California, the largest producing State, iceberg lettuce acreage and production declined significantly due in part to food safety concerns throughout 2018. In Arizona, erratic weather conditions also led to a decrease in production.

**Leaf lettuce:** Total production in 2018 totaled 11.3 million cwt, down 18 percent from the 2017 total. Planted area was estimated at 69,900 acres, up 4 percent from the previous year. Area harvested, at 69,300 acres, was up 3 percent from 2017. The value of the crop totaled \$585 million, 30 percent less than the previous season. Utilized production totaled 11.3 million cwt, all of which was for the fresh market.

In California, the largest producing State, extremely warm weather and concerns over food safety led to a significant decline in production. Growers reported yields were reduced significantly due to the hot summer weather.

**Romaine lettuce:** Total production in 2018 totaled 29.2 million cwt, down 19 percent from the 2017 total. Planted area was estimated at 101,500 acres, down 14 percent from the previous year. Area harvested, at 99,600 acres, was down 15 percent from 2017. The value of the crop totaled \$901 million, 45 percent less than the previous season. Utilized production totaled 29.0 million cwt, all of which was for the fresh market.

In both California and Arizona, two large scale recalls due to food safety issues led to a significant decline in demand. Concerned growers let some of their crop go unsold.

**Onions:** Total production in 2018 totaled 72.4 million cwt, down 12 percent from the 2017 total. Planted area was estimated at 135,100 acres, down 13 percent from the previous year. Area harvested, at 130,200 acres, was down 14 percent from 2017. The value of the crop totaled \$817 million, 22 percent less than the previous season. Utilized production totaled 70.9 million cwt, of which 48.4 million cwt was for the fresh market and 1.12 million tons for processing.



In California, the largest producing State, early onions were of good quality and highly variable size, while late onions were of more uniform size and quality. Yellow onions were in plentiful supply throughout the season. In both Oregon and Washington, excellent weather throughout the growing season led to larger sizes than last year.

**Green peas:** Total production in 2018 totaled 5.07 million cwt, down 16 percent from the 2017 total. Planted area was estimated at 141,000 acres, down 3 percent from the previous year. Area harvested, at 131,100 acres, was down 2 percent from 2017. The value of the crop totaled \$64.9 million, 24 percent less than the previous season. Utilized production totaled 5.07 million cwt, of which 10,400 cwt was for the fresh market and 252,916 tons for processing.

In Minnesota, the largest producing State, yields were reported as below normal. Early summer rains flooded some of the crop and some peas hardened before they could be harvested due to extreme heat. In Wisconsin, the crop was harvested before the heavy late season rains.

**Bell peppers:** Total production in 2018 totaled 12.9 million cwt, down 10 percent from the 2017 total. Planted area was estimated at 41,600 acres, down 4 percent from the previous year. Area harvested, at 39,700 acres, was down 6 percent from 2017. The value of the crop totaled \$533 million, 15 percent less than the previous season. Utilized production totaled 12.9 million cwt, of which 11.5 million cwt was for the fresh market and 66,480 tons for processing.

In Florida, excessive rainfall in late spring and early summer damaged some of the crop and made harvesting difficult. In Georgia, growing conditions were ideal before Hurricane Michael caused some damage in the fall. California growers reported that high temperatures increased irrigation demands but did not impact quality.

**Chile peppers:** Total production in 2018 totaled 2.67 million cwt, down 20 percent from the 2017 total. Planted area was estimated at 14,900 acres, down 13 percent from the previous year. Area harvested, at 14,200 acres, was down 11 percent from 2017. The value of the crop totaled \$94.8 million, 17 percent less than the previous season. Utilized production totaled 2.67 million cwt, of which 551,800 cwt was for the fresh market and 105,659 tons for processing.

In California, sustained scorching summer temperatures were beneficial to the crop with many sustained days over 100 degrees. Rain showers in late September caused brief shortages. Several growers reported a strong market for organic peppers. In New Mexico, the harvest season started a couple of weeks early due to good weather with just enough rain to produce a good crop. Later in the summer, the weather was dry and hot.

**Pumpkins:** Total production in 2018 totaled 15.1 million cwt, down 5 percent from the 2017 total. Planted area was estimated at 73,600 acres, down 5 percent from the previous year. Area harvested, at 65,900 acres, was down 9 percent from 2017. The value of the crop totaled \$190 million, 3 percent less than the previous season. Utilized production totaled 14.8 million cwt, of which 9.55 million cwt was for the fresh market and 262,134 tons for processing.

In Illinois, heavy rains during the planting season kept some farmers from planting pumpkins this year. Heavy rains in late August and early September led to some lost crops as well as bacterial spot, which leads to a reduced storage life. In Wisconsin, a wet, soggy fall caused a significant amount of pumpkins to rot in the fields and prevented people from visiting pumpkin patches. Moderate temperatures in California favored pumpkin production, and dry fall weather allowed a normal harvest.

**Spinach:** Total production in 2018 totaled 8.48 million cwt, up 5 percent from the 2017 total. Planted area was estimated at 62,850 acres, down 5 percent from the previous year. Area harvested, at 61,450 acres, was down 5 percent from 2017. The value of the crop totaled \$423 million, 10 percent less than the previous season. Utilized production totaled 8.48 million cwt, of which 6.90 million cwt was for the fresh market and 79,107 tons for processing.

In California, the largest producing State, growers reported ideal weather conditions throughout the season leading to ample supplies with good quality.

**Squash:** Total production in 2018 totaled 7.39 million cwt, down 8 percent from the 2017 total. Planted area was estimated at 47,400 acres, up 100 acres from the previous year. Area harvested, at 44,800 acres, was down 2 percent from

2017. The value of the crop totaled \$193 million, 18 percent less than the previous season. Utilized production totaled 7.25 million cwt, of which 5.12 million cwt was for the fresh market and 106,702 tons for processing.

In Michigan, the largest producing State, growing conditions started off as wet and cool, then alternated between wet and cool and warm and dry. Direct seedings of squash were underway in May, and squash was sizing out by the end of July. Georgia growers reported some minor frost damage in early spring. Hurricane Michael caused some damage to the crop causing an increase in abandoned acres and reducing yields for some growers. A few producers noted whitefly pressures during harvest. Florida remained mostly drought free throughout the growing season. In California, a moderate spring with cooler temperatures and minimal extreme weather promoted flower set in all varieties of squash. Harvest was completed at a normal time. Good supply and quality were reported throughout the entire growing season.

**Strawberries:** Total production in 2018 totaled 28.6 million cwt, up 5 percent from the 2017 total. Planted area was estimated at 49,900 acres, down 9 percent from the previous year. Area harvested, at 49,220 acres, was down 7 percent from 2017. The value of the crop totaled \$2.67 billion, 8 percent less than the previous season. Utilized production totaled 28.6 million cwt, of which 22.9 million cwt was for the fresh market and 5.63 million cwt for processing.

In California, the largest producing State, many growers reported an increase in yields due to new varieties. Favorable weather conditions for most of the season led to increased production compared with the previous season. In Florida, growers reported warm and favorable weather conditions as well. In North Carolina, warmer weather in February resulted in earlier blooms. In the spring, a freeze event, followed by rainy weather, caused some damage to the crop.

**Tomatoes:** Total production in 2018 totaled 278 million cwt, up 13 percent from the 2017 total. Planted area was estimated at 330,800 acres, up 3 percent from the previous year. Area harvested, at 321,900 acres, was up 4 percent from 2017. The value of the crop totaled \$1.86 billion, 11 percent more than the previous season. Utilized production totaled 275 million cwt, of which 19.6 million cwt was for the fresh market and 12.8 million tons for processing.

In California, the largest producing State, growers reported record high yields as extreme summer heat accelerated development of the crop. In Indiana and Ohio, growers reported favorable weather conditions that resulted in record high yields as well. In Florida, growers reported damage due to the combined negative effects of high temperatures in September and October and Hurricane Michael.

**Watermelons:** Total production in 2018 totaled 39.0 million cwt, down 4 percent from the 2017 total. Planted area was estimated at 116,200 acres, up 1 percent from the previous year. Area harvested, at 111,400 acres, was up 3 percent from 2017. The value of the crop totaled \$657 million, 11 percent more than the previous season. Utilized production totaled 38.8 million cwt, of which 38.7 million cwt was for the fresh market and 8,420 tons for processing.

In Florida, the largest producing State, the weather was dry early in the season. Beginning in late May, the amount of rainfall increased significantly, eliminating moisture deficiencies. The rainfall continued throughout the summer before dropping off in the fall. In Georgia, a cool spring led to poor pollination. Precipitation levels were initially below normal, but at levels that were sufficient for plant growth and development. In May, significant rainfall damaged crops in some areas and increased disease pressure. Late in the summer, there were sections of the State that received excessive rainfall, affecting quality. Hurricane Michael caused extensive crop losses to the late season crop.

## Definitions of Terms

**Area harvested:** The total vegetable acreage harvested for all purposes (both fresh and processing utilization).

**Area planted:** The total vegetable acreage planted for all purposes (both fresh and processing utilization).

**Harvested not sold:** The difference between total production and utilized production. These are vegetables that were harvested from the field, but were not sold for various reasons including but not limited to poor quality, marketing restrictions, or other reasons.

**Hundredweight (cwt):** The standard unit used for the all yield, all total production, harvested not sold, all utilized production, as well as the fresh market utilized production and fresh market price. One hundredweight is equal to 100 pounds.

**Ton:** Standard unit for processed vegetables. One ton is equal to 2,000 pounds.

**Total Production:** The quantity of a crop that was actually harvested and left the field.

**Utilization:** These estimates refer to the first utilization, not necessarily the final utilization of a crop. For example, fresh market vegetables include some vegetables that may be later processed for sauce, soups, and preserves. Grade-outs for vegetables which are processed are included in the processing quantity.

**Utilized production:** The amount of a crop sold for fresh market, sold for processing, the quantities used at home to make processed items, or held in storage. It is the difference between total production and harvested not sold.

**Yield per acre:** Total production divided by area harvested.

## Price and Value Definitions

**Price:** Represents the Marketing Year Average (MYA) price. For a crop sold for both fresh market and processing, the (MYA) is a weighted average of the fresh and processing prices.

Prices for fresh vegetables are the average prices producers receive at the point of first sale. This is commonly referred to as the **average price as sold**. Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the vegetables are sold free on board (F.O.B.) packed by growers, part are sold as bulk vegetables at the packinghouse door, and some are sold retail at roadside stands, the fresh vegetable **average price as sold** is a weighted average of the average price for each method of sale.

F.O.B. packed prices are adjusted to an equivalent incoming packinghouse door price by subtracting all costs that accumulate between the incoming packinghouse door and the F.O.B. price. These costs include grading, packing, inspecting fees, selling, and other costs. Prices for vegetables sold for processing are equivalent returns for vegetables delivered to the processing plant door.

**Value:** Crop value estimates in this report cover the marketing season or crop year and should not be confused with cash receipts which are based on a calendar year.

## State MYA Price and Value Computations

### Fresh Market Value:

Fresh Market MYA \* Fresh Market Utilization

### Processed Value:

Processed MYA \* Processed Utilization

### "All" Value:

Fresh Market Value + Processed Value

### "All" MYA:

$$\frac{\text{"All" Value}}{\text{"All" Utilization}}$$

## United States MYA Price and Value Computations

### Fresh Market MYA:

$$\frac{\sum(\text{Fresh Market Value For All States})}{\sum(\text{Fresh Market Utilization For All States})}$$

### Processed MYA:

$$\frac{\sum(\text{Processed Value For All States})}{\sum(\text{Processed Utilization For All States})}$$

### "All" MYA:

$$\frac{\sum(\text{Value For All States})}{\sum(\text{Utilization For All States})}$$

## Statistical Methodology

**Survey Procedures:** Starting with the 2012 Crop year, acreage, production, marketing year price and value information included in this report is collected on an annual basis for fresh market and processing vegetables. A sample of vegetable growers are surveyed in major producing States in the program. The Vegetable Sampling Frame consists of farm operators with at least 0.1 acre on the list frame for specific vegetable commodities. The Multivariate Probability Proportional to Size (MPPS) sampling design is used to select the sample. The sample does not have an area component. Data are collected by mail out questionnaires and personal interviews. Telephone follow-up of mail survey non-respondents is used to ensure adequate coverage. Due to the variable nature of the vegetable industry, mail lists are updated to ensure complete coverage.

**Estimation Procedures:** Information obtained from the vegetables grower surveys along with federal administrative data is used to establish estimates of total planted and harvested acres, yield, production, price, and value. These estimates are reviewed for errors, reasonableness, and consistency with historical estimates.

**Revision Policy:** End-of-season vegetable estimates are subject to revision the following year based on a thorough review of all available data and are published in the *Vegetables Annual Summary*.

**Reliability:** Survey indications are subject to sampling variability because all operations growing vegetables are not included in the sample. Survey results are also subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Vincent Davis – Apricots, Bananas, Cherries, Garlic, Lettuce, Mint, Papaya, Pears, Strawberries, Tomatoes.....	(202) 720-2157
Fleming Gibson – Avocados, Cauliflower, Celery, Citrus, Coffee, Dates, Figs, Kiwifruit, Nectarines, Olives, Green Peas, Taro, Watermelons .....	(202) 720-5412
Greg Lemmons – Blackberries, Blueberries, Boysenberries, Cranberries, Cucumbers, Potatoes, Pumpkins, Raspberries, Squash, Sugarbeets, Sugarcane, Sweet Potatoes .....	(202) 720-4285
Dan Norris – Artichokes, Austrian Winter Peas, Cantaloupes, Dry Beans, Dry Edible Peas, Honeydews, Lentils, Mushrooms, Peaches, Snap Beans .....	(202) 720-3250
Daphne Schaubert – Bell Peppers, Broccoli, Cabbage, Chile Peppers, Floriculture, Grapes, Hops, Maple Syrup, Tree Nuts, Spinach .....	(202) 720-4215
Joshua Bates– Apples, Asparagus, Carrots, Lima Beans, Onions, Plums, Prunes, Sweet Corn, Tobacco.....	(202) 720-4288

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: [www.nass.usda.gov](http://www.nass.usda.gov)
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit [www.nass.usda.gov](http://www.nass.usda.gov) and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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**USDA NASS Data Users' Meeting**  
**Tuesday, April 23, 2019**

University of Chicago – Gleacher Center  
450 North Cityfront Plaza Drive  
Chicago, IL 60611  
312-464-8787

USDA's National Agricultural Statistics Service will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2019 Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website ([https://www.nass.usda.gov/Education\\_and\\_Outreach/Meeting/index.php](https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php)). Contact Vernita Murray (NASS) at 202-690-8141 or [vernita.murray@nass.usda.gov](mailto:vernita.murray@nass.usda.gov) or Patricia Snipe (NASS) at 202-720-2248 or [patricia.snipe@nass.usda.gov](mailto:patricia.snipe@nass.usda.gov) for information.

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, April 24, 2019. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (<http://lmic.info/page/meetings>). Or contact Laura Lahr at 303-716-9935 or [laura.lahr@lmic.info](mailto:laura.lahr@lmic.info).