

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

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

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

For processing vegetables, the estimates of area, production, and value for each of 9 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. The processed segment of production for asparagus, broccoli, carrots, and cauliflower, combined with fresh market production during the year, is published at the end of the season, separately. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans, and spinach were discontinued. Asparagus and cucumbers for pickles were reinstated in 1984. Artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, leaf lettuce, romaine lettuce, bell peppers, spinach, and watermelon estimates of fresh market use on an annual basis were reinstated in 1992. Estimates of processing usage were also reinstated with the 1992 crop year for lima beans, beets, cabbage for sauerkraut, and spinach.

Seasonal Groups and Marketing Period

Prospective Area For Harvest

Winter: January, February, March

Summer: July, August, September

Spring: April, May, June

Fall: October, November, December

Annual Acreage, Yield, Production, and Value

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later period, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Commercial vegetables for fresh market include 25 principal vegetable and melon crops in the major producing States. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.

Aggregate data for the years 1985-91 lack comparability with data from other years because of program changes altering the crops included.

Table 4-1.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1989–98

Year	Area ¹		
	For fresh market ²	For processing ³	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1989	1,149,490	1,474,970	2,624,460
1990	1,126,990	1,544,500	2,671,490
1991	1,073,330	1,570,430	2,643,760
1992 ⁶	1,882,070	1,446,320	3,328,390
1993	1,857,000	1,400,790	3,257,790
1994	1,896,400	1,588,050	3,484,450
1995	1,852,260	1,579,300	3,431,560
1996	1,886,780	1,485,020	3,371,800
1997	1,849,730	1,423,000	3,272,730
1998 ⁷	1,866,030	1,433,790	3,299,820

Year	Production ⁴		
	For fresh market ²	For processing ³	Total
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1989	12,720,900	14,450,860	27,171,760
1990	12,701,950	15,444,970	28,146,920
1991	12,136,650	16,151,030	28,287,680
1992 ⁶	19,854,900	14,236,320	34,091,220
1993	19,526,400	14,904,750	34,431,150
1994	20,808,650	18,306,730	39,115,380
1995	18,960,850	17,534,070	36,494,920
1996	20,600,500	17,547,062	38,147,562
1997	21,822,950	16,229,609	38,052,559
1998 ⁷	21,153,000	15,459,970	36,612,970

Year	Value ⁵		
	For fresh market ²	For processing ³	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1989	4,183,920	1,256,954	5,440,874
1990	3,699,527	1,331,463	5,030,990
1991	3,905,828	1,357,413	5,263,241
1992 ⁶	6,460,134	1,126,435	7,586,569
1993	7,133,631	1,193,740	8,327,371
1994	6,874,253	1,472,189	8,346,442
1995	7,703,830	1,462,513	9,166,343
1996	6,883,050	1,470,784	8,353,834
1997	8,029,667	1,372,269	9,401,936
1998 ⁷	8,098,891	1,277,171	9,376,062

¹ Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. ² Area, production, and farm value of the following 25 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. ³ Area, production, and farm value of the following 10 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates. ⁴ Production for fresh market excludes some quantities not marketed because of low prices or other economic factors. ⁵ Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door. ⁶ Beginning with the 1992 crop year, acreage, yield, production, price, and value estimates were reinstated for the following crops—fresh market: Artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, leaf lettuce, romaine lettuce, bell peppers, spinach, and watermelons; processing: lima beans, beets, cabbage for sauerkraut, and spinach. ⁷ Preliminary.

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Table 4-2.—Vegetables, commercial: Area of principal crops, by States, 1996–98¹

State	For fresh market ²			For processing ⁴			Total		
	1996	1997	1998 ³	1996	1997	1998 ³	1996	1997	1998 ³
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL	13,900	9,700	7,600				13,900	9,700	7,600
AZ	118,600	117,200	121,000				118,600	117,200	121,000
AR	3,600	3,800	3,600	6,500	3,900	2,890	10,100	7,700	6,490
CA	819,700	809,800	825,100	352,380	297,480	313,900	1,172,080	1,107,280	1,139,000
CO	34,800	34,400	35,700	1,120	720	160	35,920	35,120	35,860
CT	4,800	4,700	4,500				4,800	4,700	4,500
DE	2,400	2,300	2,100	33,680	33,380	42,660	36,080	35,680	44,760
FL	199,150	194,660	193,550				199,150	194,660	193,550
GA	104,400	101,900	97,900	4,700	5,000	5,100	109,100	106,900	103,000
HI	2,240	2,420	2,470				2,240	2,420	2,470
ID	8,600	8,200	8,700				8,600	8,200	8,700
IL	9,100	8,900	8,300	53,090	41,770	39,400	62,190	50,670	47,700
IN	18,990	18,280	17,100				18,990	18,280	17,100
IA				9,310	5,900	8,200	9,310	5,900	8,200
LA	3,210	2,810	2,640				3,210	2,810	2,640
ME	2,600	2,400	2,300				2,600	2,400	2,300
MD	11,550	10,950	12,330	23,700	22,110	21,900	35,250	33,060	34,230
MA	7,450	7,520	6,950				7,450	7,520	6,950
MI	55,600	56,950	56,950	58,500	56,400	54,800	114,100	113,350	111,750
MN	2,060	1,880	1,300	206,020	211,000	211,330	208,080	212,880	212,630
MS	5,400	4,000	4,000				5,400	4,000	4,000
MO	5,600	4,700	4,900	6,800	9,700	8,500	12,400	14,400	13,400
NV	1,900	1,700	2,100				1,900	1,700	2,100
NH	2,100	1,900	1,700				2,100	1,900	1,700
NJ	33,800	35,100	33,800	11,600	7,100	10,300	45,400	42,200	44,100
NM	9,000	9,700	10,100				9,000	9,700	10,100
NY	61,100	64,300	68,700	84,200	87,580	84,910	145,300	151,880	153,610
NC	43,300	43,000	44,800				43,300	43,000	44,800
ND	1,300						1,300		
OH	25,610	25,020	24,310	16,040	13,860	10,990	41,650	38,880	35,300
OK	10,000	8,000	7,500	2,500	2,900	2,500	12,500	10,900	10,000
OR	22,820	24,540	24,080	97,980	97,780	96,860	120,800	122,320	120,940
PA	24,400	22,600	24,400		15,250	10,780	24,400	37,850	35,180
RI	1,000	1,100	1,000				1,000	1,100	1,000
SC	16,700	15,800	15,600				16,700	15,800	15,600
TN	12,100	11,800	11,400	8,300	9,900	5,100	20,400	21,700	16,500
TX	109,400	93,900	91,800	33,400	22,000	22,600	142,800	115,900	114,400
UT	2,100	2,300	2,400				2,100	2,300	2,400
VT	1,400	1,300	1,200				1,400	1,300	1,200
VA	17,000	18,100	18,500	4,080	1,850	1,870	21,080	19,950	20,370
WA	44,300	47,500	48,450	135,050	159,580	168,160	179,350	207,080	216,610
WI	13,700	14,600	14,600	256,010	250,090	240,260	267,910	264,690	254,860
Other States ⁵				80,060	67,750	70,620	80,060	67,750	70,620
US	1,886,780	1,849,730	1,866,030	1,485,020	1,423,000	1,433,790	3,371,800	3,272,730	3,299,820

¹ Area for fresh market and for processing is area harvested. ² Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endorive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and water-melons. ³ Preliminary. ⁴ Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ⁵ Processing, 1996 - AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC. 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998 - AL, FL, ID, IN, LA, ME, MA, NC, ND, and SC.

Table 4-3.—Vegetables, commercial: Production of principal crops, by States, 1996–98

State	For fresh market ¹			For processing ³			Total		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
AL	65,400	43,500	31,150	.....	.....	.....	65,400	43,500	31,150
AZ	1,495,750	1,627,350	1,754,700	.....	.....	.....	1,495,750	1,627,350	1,754,700
AR	20,800	31,800	32,750	26,250	17,000	7,460	47,050	48,800	40,210
CA	10,068,850	10,983,000	10,424,850	10,962,421	9,576,519	9,165,160	21,031,271	20,559,519	19,590,010
CO	475,050	541,450	548,350	11,100	6,080	1,440	486,150	547,530	549,790
CT	15,600	14,100	14,650	.....	.....	.....	15,600	14,100	14,650
DE	42,000	43,700	39,900	102,491	103,640	132,520	144,491	147,340	172,420
FL	2,131,950	2,154,000	2,049,800	.....	.....	.....	2,131,950	2,154,000	2,049,800
GA	851,250	936,150	861,650	20,600	27,900	21,300	871,850	964,050	882,950
HI	21,750	22,850	23,800	.....	.....	.....	21,750	22,850	23,800
ID	279,500	282,900	232,750	.....	.....	.....	279,500	282,900	232,750
IL	50,000	50,950	43,500	236,460	178,620	146,190	286,460	229,570	189,690
IN	168,200	153,200	155,450	.....	.....	.....	168,200	153,200	155,450
IA .....	.....	.....	.....	58,780	34,240	45,650	58,780	34,240	45,650
LA	29,850	21,650	16,700	.....	.....	.....	29,850	21,650	16,700
ME	7,800	6,600	6,350	.....	.....	.....	7,800	6,600	6,350
MD	59,200	75,400	70,450	133,100	102,130	106,380	192,300	177,530	176,830
MA	27,900	27,800	2,480	.....	.....	.....	27,900	27,800	24,850
MI	407,700	41,700	408,400	420,240	394,500	355,180	827,940	796,200	763,580
MN	12,400	29,200	17,850	886,550	974,330	997,820	898,950	1,003,530	1,015,670
MS	24,300	12,000	12,200	.....	.....	.....	24,300	12,000	12,200
MO	70,000	56,400	57,600	26,160	36,410	26,840	96,160	92,810	84,440
NV	55,100	45,900	46,200	.....	.....	.....	55,100	45,900	46,200
NH	7,900	5,700	5,100	.....	.....	.....	7,900	5,700	5,100
NJ	233,050	228,850	233,100	80,490	58,040	63,360	313,540	286,890	296,460
NM	186,100	210,950	202,600	.....	.....	.....	186,100	210,950	202,600
NY	500,950	644,650	655,750	432,710	510,420	459,610	933,660	1,155,070	1,115,360
NC	255,550	295,150	279,950	.....	.....	.....	255,550	295,150	279,950
ND	20,800	.....	.....	.....	.....	.....	20,800	.....	.....
OH	174,750	155,950	152,800	393,500	336,350	237,530	568,250	492,300	390,330
OK	4,700	40,000	35,250	10,000	11,600	7,000	57,000	51,600	42,250
OR	526,550	606,950	537,400	677,720	610,720	549,720	1,204,270	1,217,670	1,087,120
PA	110,000	93,600	104,400	.....	75,250	65,310	110,000	168,850	169,710
RI	3,750	3,850	4,000	.....	.....	.....	3,750	3,850	4,000
SC	117,250	112,400	119,750	.....	.....	.....	117,250	112,400	119,750
TN	57,850	59,600	53,950	25,570	37,730	7,250	83,420	97,330	61,200
TX	119,350	864,700	949,250	182,470	191,780	146,720	1,376,420	1,056,480	1,095,970
UT	49,350	55,800	52,800	.....	.....	.....	49,350	55,800	52,800
VT	4,550	4,900	3,900	.....	.....	.....	4,550	4,900	3,900
VA	111,650	136,850	126,000	18,890	7,990	6,180	130,540	144,840	132,180
WA	492,950	594,850	620,600	997,000	1,136,290	1,157,960	1,489,950	1,731,140	1,778,560
WI	126,200	141,600	142,500	1,248,950	1,281,510	1,252,280	1,375,150	1,423,110	1,394,780
Other States ⁵ ..	.....	.....	.....	595,610	520,560	501,110	595,610	520,560	501,110
US	20,600,500	21,822,950	21,153,000	17,547,062	16,229,609	15,459,970	38,147,562	38,047,559	36,612,970

¹ Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. ² Preliminary. ³ Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ⁴ Processing, 1996 - AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC. 1997 - AL, FL, ID, IN, LA, ME, MA, NC, ND, and SC.

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Table 4-4.—Vegetables, commercial: Value of principal crops, by States, 1995-97

State	For fresh market ¹			For processing ³			Total		
	1995	1996	1997 ²	1995	1996	1997 ²	1995	1996	1997 ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL	12,254	12,362	9,592				12,254	12,362	9,592
AZ	481,427	515,152	620,630				481,427	515,152	620,630
AR	6,656	9,879	13,666	6,770	3,684	1,498	13,426	13,563	15,164
CA	3,639,715	4,429,023	4,095,788	704,171	598,232	544,202	4,343,886	5,027,255	4,639,990
CO	89,729	107,923	131,697	1,509	1,094	230	91,238	109,017	131,927
CT	8,424	6,768	7,911				8,424	6,768	7,911
DE	4,368	4,545	6,783	17,167	18,037	26,492	21,535	22,582	33,275
FL	1,017,814	1,133,794	1,171,888				1,030,277	1,143,971	1,171,888
GA	206,582	255,075	243,032	5,799	8,229	4,349	212,381	263,304	247,381
HI	11,705	13,791	14,445				11,705	13,791	14,445
ID	46,757	42,412	54,277				46,757	42,412	54,277
IL	13,571	13,242	12,415	35,470	27,240	22,133	49,041	40,482	34,548
IN	37,951	39,030	44,950				37,951	39,030	44,950
IA				5,273	3,151	4,333	5,273	3,151	4,333
LA	6,386	7,008	4,910				6,386	7,008	4,910
ME	4,680	4,356	4,191				4,680	4,356	4,191
MD	26,200	25,207	27,884	14,822	13,003	16,133	41,022	38,210	44,017
MA	19,500	17,642	20,090				19,500	17,642	20,090
MI	124,626	123,086	148,667	48,839	47,270	49,476	173,465	170,356	198,143
MN	3,320	5,332	13,223	101,875	106,257	104,374	105,195	111,589	117,597
MS	2,260	1,464	1,527				2,260	1,464	1,527
MO	4,424	5,505	6,106	4,779	7,616	5,636	9,203	13,121	11,742
NV	15,979	13,311	12,396				15,979	13,311	12,396
NH	5,056	4,104	3,876				5,056	4,104	3,876
NJ	112,870	112,630	125,652	9,111	6,381	8,791	121,981	119,011	134,443
NM	50,398	65,554	49,975				50,398	65,554	49,975
NY	108,746	172,054	209,164	44,479	43,304	49,790	153,225	215,358	258,954
NC	64,723	76,241	75,840				64,723	76,241	75,840
ND	5,408						5,408		
OH	67,560	74,383	73,295	38,369	33,606	26,036	105,929	107,989	99,331
OK	5,546	5,200	5,076	1,188	1,379	834	6,734	6,579	5,910
OR	91,686	107,907	127,358	78,073	74,364	68,618	169,759	182,271	195,976
PA	40,781	44,148	51,846		10,604	9,162	40,781	54,752	61,008
RI	1,950	2,079	2,640				1,950	2,079	2,640
SC	45,160	37,561	37,466				45,160	37,561	37,466
TN	29,609	32,020	39,161	4,997	6,078	1,019	34,606	38,098	40,180
TX	250,544	225,542	337,117	27,229	26,074	30,020	277,773	251,616	367,137
UT	6,240	8,451	9,050				6,240	8,451	9,050
VT	2,548	2,548	2,184				2,548	2,548	2,184
VA	41,192	65,425	65,016	2,862	935	972	44,054	66,360	65,988
WA	147,591	185,901	192,582	94,590	108,896	112,022	2,242,181	294,797	304,604
WI	21,114	22,012	25,525	133,863	137,426	115,060	154,977	159,438	140,585
Other States ⁴				89,549	89,409	75,991	89,549	89,409	75,991
US	6,883,050	8,029,667	8,098,891	1,470,784	1,372,269	1,277,171	8,366,297	9,412,113	9,376,062

¹ Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. ² Preliminary. ³ Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ⁴ Processing, 1996 - AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC. 1997 - AL, FL, ID, IN, LA, ME, MA, NC, ND, and SC.

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Table 4-5.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1989–98

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value ¹		Production	Value ¹		Production	Value ²	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	98,510	25	2,495	60.00	149,622	1,492	68.20	101,760	50,140	955.00	47,862
1990	94,600	26	2,436	60.60	147,635	1,424	68.60	97,674	50,600	987.00	49,961
1991	89,300	25	2,246	66.80	149,978	1,370	78.90	108,113	43,820	955.00	41,865
1992	86,120	27	2,351	73.50	172,808	1,376	92.00	126,607	48,720	948.00	46,201
1993	81,150	27	2,203	76.10	167,645	1,252	95.70	119,773	47,540	1,007.00	47,872
1994	76,750	29	2,197	80.90	177,641	1,311	100.00	131,173	44,300	1,050.00	46,468
1995	72,340	28	2,024	87.50	177,170	1,100	113.00	124,171	46,180	1,150.00	52,999
1996	73,560	27	1,989	78.70	156,623	1,114	92.90	103,480	43,780	1,210.00	53,143
1997	74,030	27	2,026	90.00	182,390	1,248	108.00	134,819	38,920	1,220.00	47,571
1998 ³	74,930	27	2,046	103.00	210,672	1,333	126.00	167,964	35,645	1,200.00	42,708

¹ Price and value on F.O.B. basis. ² Price and value at processing plant door. ³ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-6.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1996–98

State	Area harvested ¹			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA	29,000	30,100	32,200	754	813	902	85.80	115.00	140.00
IL	300	200	200	3	2	2	120.00	71.00	149.00
MI	17,500	17,500	17,500	298	263	264	67.50	67.70	62.40
NJ	900	1,000	1,000	36	23	27	107.00	107.00	84.20
WA	23,000	23,000	22,000	828	828	792	76.50	77.50	77.40
Other States ³	2,860	2,230	2,030	70	97	43	61.40	47.10	76.90
US	73,560	74,030	74,930	1,989	2,026	2,046	78.70	90.00	103.00

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
MI	33	39	40	79.00	80.00	65.00	13,260	11,200	12,000	1,320.00	1,310.00	1,240.00
NJ	36	23	27	107.00	107.00	84.20	.....	.....	.....	.....	.....	.....
WA	268	308	352	114.00	108.00	101.00	28,000	26,000	22,000	1,170.00	1,190.00	1,170.00
Other States ⁴	777	878	914	85.50	109.00	139.00	2,520	1,720	1,645	1,140.00	1,140.00	1,270.00
US	1,114	1,248	1,333	92.90	108.00	126.00	43,780	38,920	35,645	1,210.00	1,220.00	1,200.00

¹ Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments. ² Preliminary. ³ IN, MD, MN, and OR. ⁴ CA, IL, IN, MD, MN, and OR.

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Table 4-7.—Lima beans for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
GA	3,200	2,500	2,000	93	75	40	31.00	33.00	32.00

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-8.—Lima beans for processing: Area, production, and value per ton, by States, 1996–98¹

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
US	50,800	54,430	50,740	75,050	80,070	73,960	455.00	458.00	451.00

¹ 1996–98 - CA, DE, IL, MD, MN, NJ, OR, TN, WA, and WI. ² Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-9.—Snap beans for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA	7,800	4,500	4,700	702	450	447	47.80	52.00	62.90
FL	27,200	30,300	34,300	1,442	1,303	2,195	52.10	49.90	59.00
GA	13,500	12,000	12,000	500	528	624	32.00	30.00	28.00
MD	2,100	1,800	2,500	84	59	113	27.00	30.00	40.00
MI	1,500	1,600	1,700	60	72	85	38.20	29.80	61.00
NJ	3,600	4,100	3,900	144	144	195	32.80	33.60	37.00
NY	3,900	5,100	5,300	156	316	329	49.30	54.80	50.60
NC	6,200	6,500	6,600	186	293	264	30.00	25.00	30.00
OH	1,600	1,600	1,700	80	86	80	28.50	31.00	29.30
SC	1,800	1,700	1,600	40	41	19	45.00	36.00	46.00
TN	8,400	8,200	8,200	361	328	279	29.10	26.50	31.40
VA	5,100	5,100	5,200	204	179	203	20.50	18.40	21.00
Total	82,700	82,500	87,700	3,959	3,799	4,833	41.90	40.50	48.20
HI	160	160	200	5	6	9	100.00	105.00	81.00
US	82,860	82,660	87,900	3,964	3,805	4,842	42.00	40.60	48.20

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-10.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1989–98

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	249,000	3.49	869,700	174.00	151,358
1990	243,130	3.24	787,470	183.00	144,249
1991	231,550	3.32	767,820	176.00	135,269
1992	192,390	3.36	645,900	173.00	112,031
1993	193,530	3.37	652,030	178.00	116,302
1994	221,900	3.68	816,830	166.00	135,369
1995	216,040	3.27	705,540	173.00	122,379
1996	207,050	3.79	784,920	178.00	139,755
1997	195,080	3.74	729,250	176.00	128,032
1998 ²	191,000	3.71	707,770	169.00	119,840

¹ Price and value at processing plant door. ² Preliminary.

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Table 4-11.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
IL	18,900	11,500	12,500	73,710	42,550	39,130	203.00	210.00	112.00
IN	670	4,000	4,100	1,550	8,960	10,370	147.00	152.00	183.00
MI	21,000	22,800	23,000	69,300	78,660	89,240	164.00	171.00	171.00
NY	20,200	22,800	20,800	70,700	77,520	76,960	186.00	148.00	176.00
OR	22,500	23,300	23,300	134,100	148,190	121,920	186.00	183.00	187.00
PA	6,400	9,100	3,700	19,300	23,000	8,100	235.00	220.00	256.00
WI	65,300	62,800	63,000	243,120	205,100	233,100	148.00	157.00	139.00
Other States ²	52,080	38,780	40,600	173,140	145,270	128,950	200.00	197.00	186.00
Total	207,050	195,080	191,000	784,920	729,250	707,770	178.00	176.00	169.00

¹ Preliminary. ² 1996–98 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, OK, TN, TX, VA, and WA.

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Table 4-12.—Beets for canning: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
NY	4,200	2,700	2,300	41,580	40,500	27,600	75.20	64.70	78.50
WI	4,400	3,400	2,700	51,480	51,580	42,470	52.70	71.80	45.50
Other States ²	1,610	1,460	1,690	32,810	31,620	35,460	68.60	60.80	66.80
US	10,210	7,560	6,690	125,870	123,700	105,530	64.30	66.70	61.30

¹ Preliminary. ² CA, MN, and OR.

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Table 4-13.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1989-98¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value ²		Production	Value ²		Production	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	116,800	116	13,513	20.40	276,050	10,744	21.00	225,472	138,450	365.00	50,578
1990	110,800	111	12,345	21.70	268,220	9,893	22.30	220,437	122,600	390.00	47,783
1991	101,000	111	11,190	21.60	242,155	9,368	22.00	206,501	91,100	391.00	35,654
1992	111,400	112	12,447	22.90	284,423	10,602	23.50	248,819	92,290	386.00	35,604
1993	119,200	101	12,059	25.80	310,675	10,685	26.60	284,165	68,710	386.00	26,510
1994	134,100	117	15,714	26.70	419,571	14,152	27.50	389,659	78,110	383.00	29,912
1995	129,400	122	15,815	28.00	443,304	13,843	29.30	405,286	98,590	386.00	38,018
1996	133,500	118	15,693	26.50	415,695	14,428	27.10	391,194	63,250	387.00	24,501
1997	130,800	129	16,880	28.50	481,459	15,744	29.10	457,423	56,810	423.00	24,036
1998 ⁴	133,000	138	18,398	30.10	554,338	17,275	30.80	532,569	56,148	388.00	21,769

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. ² Price and value on f.o.b. basis. ³ Price and value at processing plant door. ⁴ Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 4-14.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1996-98¹

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ	10,000	11,000	11,000	960	1,357	1,375	25.70	35.70	35.80
CA	122,000	119,000	121,000	14,640	15,470	16,940	26.60	27.90	29.70
TX	1,500	800	1,000	93	53	83	24.40	33.20	27.00
US	133,500	130,800	133,000	15,693	16,880	18,398	26.50	28.50	30.10

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
AZ	960	1,357	1,375	25.70	35.70	35.80	.....	.....	.....	.....	.....	.....
Other States ³	13,468	14,387	15,900	27.20	28.40	30.40	63,250	56,810	56,148	387.00	423.00	388.00
US	14,428	15,744	17,275	27.10	29.10	30.80	63,250	56,810	56,148	387.00	423.00	388.00

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. ² Preliminary. ³ 1996-98—CA and TX.
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Table 4-15.—Cabbage for fresh market: Area, production, and value per hundredweight, by States, 1996-98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ^{1,2}	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA	10,000	13,800	14,000	3,500	4,692	4,900	12.60	14.90	16.10
CO	2,200	2,100	2,300	858	819	920	8.50	7.20	8.20
FL	8,100	7,400	7,500	2,390	2,738	2,025	11.20	14.50	13.00
GA	7,000	8,000	7,500	2,485	2,800	2,475	10.60	8.00	8.30
IL	1,200	1,200	1,300	252	312	338	8.70	9.00	8.25
MD	580	480	580	128	50	70	24.00	14.00	13.00
MI	1,700	1,900	2,000	527	494	520	9.00	7.80	13.30
NJ	2,300	2,100	2,000	759	588	680	15.30	12.40	14.20
NY	10,500	11,200	12,100	4,200	5,376	4,598	8.10	9.70	11.90
NC	7,000	8,500	8,700	1,260	1,700	1,479	9.00	8.50	9.50
OH	1,500	1,400	1,200	495	448	276	12.00	11.00	12.20
PA	2,000	1,800	1,900	320	378	409	10.50	13.00	14.00
TX	10,900	8,500	8,500	4,033	2,890	3,400	10.00	11.70	20.40
VA	1,300	1,200	1,300	377	402	566	9.00	8.00	8.00
WI	5,000	5,000	4,700	1,175	1,450	1,387	4.80	6.90	6.85
Total	71,280	74,580	75,580	22,759	25,137	24,043	10.10	11.00	13.10
HI	640	650	600	141	130	153	18.00	21.00	18.00
US	71,920	75,230	76,180	22,900	25,267	24,196	10.20	11.10	13.10

¹ Preliminary. ² Includes some quantities of fall storage in NY harvested but not sold because of shrinkage and loss: 1996, 484,000 cwt; 1997, 591,000 cwt; and 1998, 404,000 cwt.

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Table 4-16.—Cabbage for kraut: Area, production, and value per ton, by States, 1996-98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
NY	3,000	2,300	3,000	46,500	69,230	61,800	40.20	46.30	46.40
WI	3,100	2,100	2,600	63,020	80,140	76,280	41.90	43.10	39.80
Other States ²	1,190	1,090	1,150	32,400	34,300	30,470	46.90	47.80	50.40
US	7,290	5,490	6,750	141,920	183,670	168,550	42.50	45.20	44.10

¹ Preliminary. ² 1996-98 - MI, OH, OR, and WA.

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Table 4-17.—Cantaloups for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ	17,700	17,700	18,500	4,071	4,514	4,625	20.80	19.20	14.90
CA	59,000	62,300	63,000	12,980	13,083	13,860	17.90	17.70	18.00
CO	1,700	1,600	1,900	340	352	304	10.80	15.00	13.40
GA	3,500	4,100	5,000	630	574	600	11.90	11.70	16.80
IN	3,400	3,500	3,200	595	455	624	14.60	16.00	16.80
MD	1,300	1,200	1,200	156	132	132	31.00	21.00	20.00
MI	800	950	950	72	143	143	17.00	19.80	19.00
OH	740	660	610	93	109	113	14.80	17.00	18.20
PA	1,000	1,000	1,000	115	120	125	16.50	16.50	17.00
TX	12,000	9,700	10,000	2,520	1,358	2,100	18.70	20.00	31.90
US	101,140	102,710	105,360	21,572	20,840	22,626	18.20	18.00	18.50

¹ Preliminary.

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Table 4-18.—Carrots for fresh market, commercial crop: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ	2,400	2,500	2,500	624	663	625	12.70	13.30	12.50
CA	85,700	83,200	86,500	25,710	29,998	29,843	13.60	13.00	11.50
CO	4,100	4,800	4,000	1,435	2,400	1,600	7.10	10.00	10.60
FL	5,600	7,600	5,600	840	1,216	700	14.90	13.60	16.20
MI	5,000	5,300	5,000	1,300	1,325	1,650	11.80	12.50	13.10
MN	540	1,000	550	124	400	204	12.50	8.60	56.00
NY	600	600	500	132	168	150	15.00	16.00	16.00
ND	1,300	.....	.....	416	.....	.....	13.00	.....	.....
TX	4,900	2,400	4,000	907	396	980	15.30	17.30	20.50
WA	2,500	2,800	3,000	1,050	1,120	1,140	15.00	14.00	14.10
Other States ²	1,020	1,430	850	698	1,003	657	13.90	13.50	16.00
US	113,660	111,630	112,500	33,236	38,689	37,549	13.40	12.90	12.30

¹ Preliminary. ² 1996–98— NJ, OH, and OR.

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Table 4-19.—Carrots for processing, commercial crop: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>
CA	4,300	2,700	4,500	144,010	86,510	141,300	60.40	65.50	66.90
MI	1,600	1,500	1,600	36,800	37,500	30,400	65.10	62.40	59.40
MN	860	1,000	1,000	14,850	20,430	18,400	106.00	81.00	65.00
NY	1,100	1,500	1,200	15,400	25,500	27,600	60.70	61.30	63.90
OR	600	350	480	16,280	8,980	12,370	52.80	56.60	70.00
TX	4,900	3,100	2,700	46,550	62,000	20,250	108.00	78.00	94.00
WA	7,000	7,000	6,500	196,000	210,000	182,000	62.00	64.00	67.00
WI ²	3,100	3,300	4,000	71,520	80,850	89,160	67.50	72.80	73.80
Other States ³	2,260	1,910	1,800	49,050	37,680	27,800	62.30	66.40	63.80
US	25,720	22,360	23,780	590,460	569,450	549,280	66.90	67.40	68.30

¹ Preliminary. ² Mostly processing. ³ 1996 - IA, NJ, ND, and OH. 1997–98 - NJ and OH.

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

Table 4-20.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1989-98 ¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value ²		Production	Value ²		Production	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	67,200	116	7,805	26.10	203,863	6,622	28.10	186,292	59,130	297.00	17,571
1990	65,000	119	7,764	24.20	187,991	6,540	25.10	164,255	61,180	388.00	23,736
1991	55,100	125	6,903	26.80	184,756	6,157	27.10	166,743	37,300	483.00	18,013
1992	55,300	125	6,904	28.10	193,937	6,072	29.00	175,934	41,600	433.00	18,003
1993	60,600	130	7,884	29.20	235,720	7,011	30.90	216,489	43,660	440.00	19,231
1994	58,800	139	8,190	28.20	230,848	7,315	28.70	210,966	42,290	470.00	19,882
1995	53,350	137	7,315	33.20	242,903	6,484	34.60	224,145	41,550	451.00	18,758
1996	48,200	153	7,354	32.30	237,342	6,801	33.00	224,168	27,640	477.00	13,174
1997	43,500	158	6,889	31.60	217,534	6,323	32.30	203,957	28,300	480.00	13,577
1998 ⁴	45,800	156	7,169	34.30	245,629	5,722	36.20	207,307	72,248	530.00	38,322

¹ Includes heading (cauliflower) broccoli. ² Price and value on f.o.b. basis. ³ Price and value at processing plant door. ⁴ Preliminary.

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

Table 4-21.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1996-98 ¹

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ	4,400	3,900	3,900	770	780	819	33.00	33.20	45.80
CA	41,500	37,500	40,000	6,310	5,790	6,000	32.30	31.40	32.80
MI	600	400	500	78	56	75	30.30	25.90	23.80
NY	1,000	1,000	1,400	140	200	273	33.30	34.80	35.30
TX	700	700	.....	56	63	.....	25.10	22.70	.....
US	48,200	43,500	45,800	7,354	6,889	7,167	32.30	31.60	34.30

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
AZ	770	780	819	33.00	33.20	45.80	.....	.....	.....	.....	.....	.....
Other States ³	6,031	5,543	4,630	33.00	32.10	34.60	27,640	28,300	72,248	477.00	480.00	530.00
US	6,801	6,323	5,722	33.00	32.30	36.20	27,640	28,300	72,248	477.00	480.00	530.00

¹ Includes heading (cauliflower) broccoli. ² Preliminary. ³ 1996-98—CA, MI, NY, OR, and TX.

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

Table 4-22.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1996–98¹

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA	24,500	24,000	24,500	17,150	16,680	17,150	10.60	14.80	12.10
MI	2,300	2,300	2,200	1,196	1,081	968	11.10	13.30	12.70
OH	40	10	.....	19	4	.....	12.20	24.00	.....
TX	1,000	600	500	650	354	300	7.30	12.70	13.90
US	27,840	26,910	27,200	19,015	18,119	18,418	10.50	14.70	12.20

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 4-23.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1989–98¹

Year	Area for harvest	Yield per acre	Production	Value ²		Year	Area for harvest	Yield per acre	Production	Value ²	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	35,330	574	20,276	13.20	268,266	1994	28,500	660	18,798	11.80	220,892
1990	37,660	526	19,816	10.80	214,708	1995	27,550	658	18,120	16.30	294,971
1991	33,010	578	19,089	10.80	205,689	1996	27,840	683	19,015	10.50	199,877
1992	35,580	592	21,052	12.30	258,662	1997	26,910	673	18,119	14.70	266,321
1993	28,220	645	18,215	14.80	270,082	1998 ³	27,200	677	18,418	12.20	224,012

¹ Mostly for fresh market use, but includes quantities used for processing. ² Price and value on f.o.b. basis. ³ Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 4-24.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1989–98

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production	Value ¹		Area for harvest	Yield per acre	Production	Value ²	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	182,200	91	16,543	16.90	279,260	464,450	6.35	2,949,340	66.90	197,267
1990	193,400	90	17,455	15.00	261,258	490,080	6.37	3,120,610	69.60	217,040
1991	183,200	85	15,527	17.00	264,185	545,860	6.22	3,396,080	71.00	241,112
1992	221,200	84	18,473	14.40	270,576	486,370	6.69	3,251,570	68.20	209,583
1993	209,800	90	18,848	17.80	335,716	472,060	5.76	2,721,190	72.40	197,112
1994	225,900	98	22,121	17.20	380,213	516,100	7.23	3,731,040	68.50	256,087
1995	225,200	97	21,792	18.30	397,769	483,910	6.87	3,324,150	75.60	251,156
1996	227,800	102	23,127	16.90	390,737	474,200	6.95	3,296,330	78.50	258,840
1997	236,400	100	23,641	17.70	418,617	465,800	7.18	3,342,330	74.90	250,329
1998 ³	235,760	105	24,798	17.60	436,828	467,300	6.96	3,250,730	73.60	239,385

¹ Price and value on f.o.b. basis. ² Price and value at processing plant door. ³ Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 4-25.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1996–98

Utilization and State	Area harvest			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
FOR FRESH MARKET	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AL	2,500	2,600	1,100	150	130	61	13.30	17.00	16.00
CA	24,100	27,000	28,800	3,736	3,915	4,176	17.60	17.20	15.80
CO	5,600	6,300	6,900	924	1,040	1,104	9.20	8.70	11.00
CT	4,800	4,700	4,500	312	282	293	27.00	24.00	27.00
FL	43,200	42,700	40,300	5,616	5,978	5,642	17.90	21.30	18.30
GA	17,000	18,000	18,000	2,040	2,340	2,700	11.10	10.70	12.90
IL	7,600	7,500	6,800	745	705	530	14.80	14.60	17.60
IN	6,500	6,300	6,000	462	460	414	20.20	21.70	21.10
ME	2,600	2,400	2,300	156	132	127	30.00	33.00	33.00
MA	7,000	7,100	6,500	490	497	423	28.00	26.00	30.00
MI	10,500	11,500	11,500	893	978	863	17.00	17.80	17.20
NH	2,100	1,900	1,700	158	114	102	32.00	36.00	38.00
NJ	10,500	11,500	10,600	714	633	689	21.90	20.10	19.40
NY	27,100	27,300	29,200	2,033	1,993	2,628	14.80	14.90	18.10
NC	6,000	6,500	6,600	630	715	594	13.50	13.50	13.40
OH	14,700	14,200	14,000	1,205	1,051	1,078	17.10	17.40	18.60
OR	2,400	2,600	3,760	360	390	658	13.00	14.00	11.00
PA	17,000	16,000	17,100	1,105	880	1,026	20.50	28.30	29.50
RI	1,000	1,100	1,000	75	77	80	26.00	27.00	33.00
TX	2,800	5,000	4,800	112	250	432	10.00	14.80	19.50
VT	1,400	1,300	1,200	91	98	78	28.00	26.00	28.00
VA	2,000	3,000	3,000	84	84	111	16.80	17.80	34.00
WA	2,600	2,400	2,200	390	336	286	15.00	11.10	13.20
WI	6,800	7,500	7,900	646	563	703	13.70	13.40	15.40
US	227,800	236,400	235,760	23,127	23,641	24,798	16.90	17.70	17.60
FOR PROCESSING	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons²</i>	<i>Tons²</i>	<i>Tons²</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
ID	17,500	14,300	16,100	161,350	135,850	144,900	76.00	78.50	76.20
IL	22,200	18,000	14,500	137,640	106,200	89,900	104.00	97.90	54.80
MI	3,700	.....	.....	24,980	.....	.....	82.00	.....	.....
MN	120,100	127,200	129,200	719,400	814,080	823,000	78.00	73.00	71.00
NY	40,900	39,300	39,200	224,950	251,520	219,520	72.30	60.10	70.60
OR	48,300	41,000	37,300	438,080	353,000	311,870	84.10	83.80	83.70
PA	2,700	2,700	2,800	17,010	19,200	17,920	60.00	83.80	137.00
WA	75,300	87,700	98,300	680,710	778,780	823,750	76.00	74.70	75.20
WI	115,900	109,600	102,700	701,200	716,780	657,280	78.60	73.90	61.80
Other States ³	27,600	26,000	27,200	191,010	166,920	162,590	68.70	74.20	93.40
US	474,200	465,800	467,300	3,296,330	3,342,330	3,250,730	78.50	74.90	73.60
Grand total	702,000	702,200	703,060	4,452,680	4,524,380	4,490,630	145.90	147.90	150.60

¹ Preliminary. ² Tonnage in husk. ³ Processing, 1996 - DE, IA, MD, NJ, and TN. 1997–1998 - DE, IN, IA, MD, NJ, and TN.

NASS, Crops Branch, (202) 720–2127.

Table 4-26.—Cucumbers for fresh market: Area, production, and value per hundredweight, by States, 1996-98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA	6,000	6,300	6,300	1,980	1,985	1,890	28.20	24.70	29.80
FL	10,800	10,600	9,200	2,862	3,286	2,668	19.30	20.00	19.10
GA	12,500	13,000	13,000	1,563	2,210	2,600	13.60	12.20	13.90
MD	1,300	1,200	1,300	52	54	98	25.00	21.00	17.00
MI	5,500	6,400	6,500	1,100	1,280	1,430	15.20	14.10	17.30
NJ	2,900	3,200	3,100	435	416	558	15.90	16.80	19.30
NY	3,900	3,000	3,800	390	600	760	17.30	21.40	19.30
NC	5,500	5,500	6,000	550	660	750	13.00	10.00	13.50
SC	2,000	1,700	2,000	240	187	160	23.00	25.00	28.00
TX	1,600	1,700	1,500	112	289	113	13.50	14.50	23.80
VA	4,200	4,400	4,500	504	550	401	12.50	11.50	22.00
Total	56,200	57,000	57,200	9,788	11,517	11,428	18.90	17.60	19.40
HI	400	450	480	48	54	60	43.00	40.00	41.00
US	56,600	57,450	57,680	9,836	11,571	11,488	19.00	17.70	19.50

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-27.—Cucumbers (for pickles), commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1989-98

Year	For processing					Pickle stocks on hand Dec. 1 ²
	Area harvested	Yield per acre	Production	Value ¹		
				Per ton	Total	
<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	
1989	124,170	5.18	642,690	204.00	131,082	458,880
1990	115,490	5.66	653,480	209.00	136,313	492,180
1991	104,240	5.98	623,030	210.00	130,847	461,630
1992	102,510	5.44	558,070	211.00	117,585	421,380
1993	109,150	5.38	586,980	215.00	126,255	451,560
1994	116,640	5.43	633,518	219.00	139,044	458,150
1995	116,890	5.22	610,460	222.00	135,803	372,600
1996	105,200	5.36	563,689	248.00	139,985	392,970
1997	103,370	6.00	620,100	234.00	145,371	282,190
1998 ³	102,070	6.03	615,310	227.00	139,891	336,770

¹ Price and value at processing plant door. ² Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Dec. 1 includes stocks of fresh-pack pickles. ³ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-28.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1996-98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
CA	6,200	4,200	4,200	43,400	30,200	30,030	370.00	296.00	324.00
CO	900	720	160	7,200	6,080	1,440	150.00	180.00	160.00
FL	6,300	6,100	6,600	56,700	79,300	47,520	432.00	418.00	390.00
IN	2,400	2,000	2,000	10,900	9,940	12,160	157.00	171.00	166.00
MI	26,000	26,000	26,000	137,800	135,200	143,000	156.00	152.00	169.00
NC	13,200	18,000	17,500	60,060	72,000	78,750	230.00	225.00	220.00
OH	3,200	2,900	2,900	37,020	35,550	35,320	312.00	345.00	299.00
SC	4,500	3,800	2,100	14,400	11,400	6,010	205.00	230.00	200.00
TX	11,200	8,300	9,400	28,000	53,950	59,220	383.00	218.00	332.00
WI	4,600	4,200	4,100	24,100	33,180	51,950	224.00	115.00	104.00
Other States ²	26,700	27,150	27,110	144,109	153,300	149,910	213.00	217.00	207.00
US	105,200	103,370	102,070	563,689	620,100	615,310	248.00	234.00	227.00

¹ Preliminary. ² 1996-98 - AL, AR, DE, GA, IL, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA.
NASS, Crops Branch, (202) 720-2127.

Table 4-29.—Eggplant for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
FL	2,200	2,300	2,200	528	598	528	28.00	26.00	29.40
NJ	900	1,000	1,000	185	195	240	23.60	17.60	25.30
US	3,100	3,300	3,200	713	793	768	26.90	23.90	28.10

¹ Preliminary.

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

Table 4-30.—Escarole/Endive for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
FL	1,900	1,600	1,500	304	280	330	19.00	25.00	35.00
NJ	900	900	900	171	162	149	24.10	22.30	28.40
OH	760	600	530	137	114	101	25.40	23.00	23.70
US	3,560	3,100	2,930	612	556	580	21.90	23.80	31.30

¹ Preliminary.

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

Table 4-31.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1989–98

Year	Area for harvest	Yield per acre	Production	Value ¹	
				Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	29,900	172	5,131	12.10	62,334
1990	26,400	171	4,503	18.00	81,218
1991	25,900	144	3,737	18.40	68,895
1992	26,200	181	4,740	13.50	63,811
1993	23,300	163	3,792	18.20	68,888
1994	27,100	174	4,724	16.40	77,473
1995	26,000	167	4,332	20.60	89,193
1996	27,300	174	4,737	17.00	80,405
1997	26,600	182	4,828	18.90	91,040
1998 ²	26,700	191	5,112	20.30	103,680

¹ Price and value on f.o.b. basis. ² Preliminary.

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

Table 4-32.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ	3,800	4,100	3,900	646	718	780	17.20	18.50	15.20
CA	20,300	20,500	20,500	3,451	3,690	3,895	16.50	18.50	19.30
TX	3,200	2,000	2,300	640	420	437	19.30	22.60	38.10
US	27,300	26,600	26,700	4,737	4,828	5,112	17.00	18.90	20.30

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-33.—Head lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ:									
Western	57,000	51,800	51,000	16,245	16,835	17,850	13.10	11.60	16.20
Other	2,400	3,000	3,600	468	510	727	13.60	18.00	23.60
CA	150,500	141,000	142,000	43,645	55,650	44,730	15.40	19.40	14.70
CO	2,700	2,300	2,700	594	759	864	7.00	14.60	10.80
NJ	1,300	1,300	1,300	364	364	260	22.60	27.10	32.20
NM	1,900	2,000	2,900	456	600	740	12.40	22.40	9.35
NY	800	700	600	80	196	165	13.00	15.00	20.00
WA	1,000	900	900	220	180	189	10.00	15.10	14.30
US	217,600	203,000	205,000	62,072	75,094	65,525	14.70	17.60	15.20

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-34.—Head lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1989–98

Year	Area for harvest	Yield per acre	Production	Value ¹	
				Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	243,260	309	75,231	12.60	950,278
1990	231,300	316	73,201	11.50	844,142
1991	222,140	319	70,778	11.40	810,186
1992	215,120	329	70,810	13.00	882,240
1993	207,810	327	67,811	16.00	1,086,716
1994	220,950	317	70,058	13.30	934,472
1995	197,160	316	62,349	23.50	1,463,348
1996	217,600	285	62,072	14.70	912,586
1997	203,000	370	75,094	17.60	1,324,119
1998 ²	205,000	320	65,525	15.20	994,483

¹ Price and value on f.o.b. basis. ² Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-35.—Leaf lettuce for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ	4,300	5,700	7,000	1,441	1,568	1,890	36.00	31.70	21.00
CA	36,000	42,000	42,000	7,560	8,660	9,030	25.10	28.30	30.80
FL	450	260	250	77	26	44	29.60	29.50	46.00
OH	580	650	670	110	133	124	24.70	25.50	26.10
US	41,330	48,610	49,920	9,188	10,387	11,088	26.80	28.80	29.10

¹ Preliminary.

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

Table 4-36.—Romaine lettuce for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ	7,400	8,200	9,800	1,776	2,624	3,038	19.50	19.50	21.00
CA	23,500	25,000	29,000	6,463	7,000	8,120	18.60	19.20	22.00
FL	1,400	600	1,000	231	129	225	19.10	20.10	40.00
OH	500	550	650	98	105	117	24.70	26.50	24.40
US	32,800	34,350	40,450	8,568	9,858	11,500	18.90	19.40	22.10

¹ Preliminary.

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

Table 4-37.—Misc Crops for fresh market and processing: Area, production, and value per hundredweight, by States, 1996–98

Crop	Area harvested			Production			Value per unit		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Artichokes	8,900	9,300	10,700	890	930	910	73.50	79.50	69.10
Brussels Sprouts	3,800	3,200	3,200	684	512	512	29.40	41.40	43.50
Garlic	35,000	33,000	34,000	6,125	5,610	4,930	32.10	47.90	34.80

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

Table 4-38.—Onions (fresh market): Foreign trade, United States, 1988–97¹

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1988	3,404	2,494	1993	5,729	4,397
1989	3,885	2,663	1994	4,751	7,975
1990	4,589	3,784	1995	5,725	6,583
1991	4,278	3,436	1996	5,875	5,814
1992	4,619	3,756	1997	5,537	6,589

¹ Includes onion sets and pearl onions.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

Table 4-39.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1989–98¹

Year	Area for harvest	Yield per acre	Production ²	Shrinkage and loss	Value ³	
					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	132,660	361	47,902	4,433	11.40	496,971
1990	138,340	382	52,781	6,141	10.50	488,786
1991	133,970	378	50,702	4,107	12.50	582,556
1992	141,730	386	54,731	6,206	13.00	629,019
1993	158,080	380	60,124	8,343	14.30	856,963
1994	164,650	397	65,313	6,138	9.80	639,397
1995	166,800	392	65,374	7,219	9.90	645,748
1996	166,210	386	64,106	6,678	10.50	604,789
1997	165,910	414	68,769	7,640	11.90	728,772
1998 ⁴	164,140	397	65,131	6,865	14.30	830,876

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Includes storage crop onions harvested but not sold because of shrinkage and waste. ³ Price and value on f.o.b. basis. ⁴ Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 4-40.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1996–98¹

Season and State	Area harvested			Production			Shrinkage and loss			Value per unit		
	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²	1996	1997	1998 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:												
AZ	1,900	2,100	2,500	760	746	1,175	.....	.....	.....	8.60	12.60	15.30
CA	9,600	9,600	6,800	3,696	4,320	2,992	.....	.....	.....	9.80	14.30	17.30
GA	14,700	15,800	13,900	1,764	3,476	2,224	.....	.....	.....	30.50	25.60	30.90
TX	13,000	9,800	11,400	4,030	2,107	2,907	.....	.....	.....	9.70	16.90	21.70
Total	39,200	37,300	34,600	10,250	10,649	9,298	.....	.....	.....	13.20	18.40	21.70
Summer:												
Non-storage:												
NV	1,900	1,700	2,100	1,102	918	924	.....	.....	.....	14.50	14.50	14.00
NM	7,100	7,700	7,200	3,266	3,619	3,312	.....	.....	.....	13.70	14.40	13.00
TX	4,200	4,000	4,000	924	1,040	1,160	.....	.....	.....	12.90	14.00	23.40
WA	700	900	850	266	333	255	.....	.....	.....	21.20	17.40	26.00
Non-storage total	13,900	14,300	14,150	5,558	5,910	5,651	.....	.....	.....	14.10	14.50	15.80
Storage:												
CA ³	33,500	31,300	30,000	14,405	13,772	13,200	292	278	250	7.70	7.80	9.20
CO	16,000	15,300	16,000	5,200	5,355	6,080	1,404	1,178	1,090	13.60	11.80	15.60
ID	8,600	8,200	8,000	5,590	5,658	4,640	1,006	1,500	930	10.20	10.20	14.40
MI	5,800	4,900	4,500	1,798	1,568	1,215	359	313	243	10.80	8.90	11.00
MN	520	600	470	114	180	150	3	3	3	8.00	8.20	8.00
NY	11,400	12,200	12,500	2,736	3,660	3,750	391	351	375	9.80	12.70	15.30
OH	490	510	520	186	212	161	19	20	20	8.00	9.00	9.30
OR (Malheur)	12,000	12,000	12,000	7,080	7,440	6,120	1,487	1,860	1,450	10.10	10.40	14.80
OR (Other)	6,300	7,400	7,500	2,394	3,330	3,300	335	553	558	9.10	10.30	14.40
UT	2,100	2,300	2,400	987	1,116	1,056	207	160	160	8.00	8.80	10.10
WA	14,500	17,500	19,500	7,105	9,100	9,750	1,105	1,350	1,710	9.14	12.10	12.70
WI	1,900	2,100	2,000	703	819	760	70	74	76	10.50	6.00	7.60
Storage total	113,110	114,310	115,390	48,298	52,210	50,182	6,678	7,640	6,865	9.39	10.00	12.50
Total summer	127,010	128,610	129,540	53,856	58,120	55,833	6,678	7,640	6,865	9.95	10.60	12.90
US	166,210	165,910	164,140	64,106	68,769	65,131	6,678	7,640	6,865	10.50	11.90	14.30

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 4-41.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1989–98

Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total
	<i>Acres</i>	<i>Tons</i> ²	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989 ..	316,500	1.59	504,660	238.00	119,963
1990 ..	341,100	1.55	528,150	249.00	131,494
1991 ..	332,800	1.48	491,110	261.00	128,071
1992 ..	332,820	1.71	569,400	239.00	135,954
1993 ..	228,600	1.54	351,080	260.00	88,004
1994 ..	289,410	1.69	488,580	320.00	124,138
1995 ..	304,000	1.62	492,590	267.00	131,762
1996 ..	249,800	1.67	417,672	285.00	118,910
1997 ..	271,200	1.77	480,090	288.00	138,496
1998 ³	273,000	1.77	483,840	282.00	136,622

¹Price and value at processing plant door. ²Shelled basis: 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. ³Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-42.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 1996–98

State	Area harvested			Production ²			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
MN	77,500	75,200	72,900	123,230	111,300	118,100	315.00	364.00	334.00
NY	14,400	18,200	17,500	27,650	40,220	38,500	306.00	210.00	330.00
OR	22,100	27,800	30,600	36,240	42,810	49,390	232.00	235.00	243.00
WA	42,200	53,700	55,100	82,290	104,720	110,200	248.00	242.00	245.00
WI	54,700	58,000	53,600	88,070	104,400	92,190	294.00	312.00	237.00
Other States ³	38,900	38,300	43,300	60,192	76,640	75,460	281.00	281.00	313.00
US	249,000	271,200	273,000	417,672	480,090	483,840	285.00	288.00	282.00

¹Preliminary. ²Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. ³1996–98 - CA, DE, ID, IL, IA, ME, MD, MI, NJ, PA, and TN.
NASS, Crops Branch, (202) 720-2127.

Table 4-43.—Bell peppers for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA	25,500	21,000	22,000	7,650	6,300	6,270	22.70	24.60	27.20
FL	20,400	19,700	19,100	6,120	5,910	5,635	36.40	42.60	43.60
LA	600	400	380	90	80	72	24.00	25.00	23.00
MI	2,000	1,700	1,900	400	374	399	18.40	20.90	24.00
NJ	4,300	4,200	4,100	946	1,092	943	25.30	26.40	29.70
NC	7,300	5,500	5,700	657	660	456	21.00	25.00	24.00
OH	1,200	1,400	1,400	180	203	266	23.20	30.50	26.90
TX	4,000	1,600	1,500	540	280	180	32.30	34.60	36.00
VA	800	700	700	56	60	88	18.00	28.00	38.00
US	66,100	56,200	56,780	16,639	14,959	14,309	28.00	32.10	33.80

¹Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-44.—Potatoes: Area, yield, production, season average price, and value, United States, 1989–98

Year	Area planted	Area harvested	Yield per harvested acre	Production	Season average price per cwt. received by farmers ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	1,305.0	1,281.5	289	370,444	7.35	2,713,663
1990	1,399.7	1,370.6	293	402,110	6.08	2,430,983
1991	1,407.5	1,374.4	304	417,622	4.96	2,042,899
1992	1,339.3	1,315.0	323	425,367	5.52	2,336,478
1993	1,389.9	1,321.2	326	430,349	6.17	2,636,650
1994	1,421.8	1,385.1	339	469,425	5.58	2,590,257
1995	1,400.7	1,376.1	323	445,099	6.77	2,991,722
1996	1,454.7	1,425.9	350	499,254	4.91	2,425,263
1997	1,383.5	1,353.6	345	467,091	5.64	2,621,733
1998 ²	1,423.4	1,394.4	343	477,754	5.24	2,492,654

¹ Obtained by weighting State prices by quantity sold. ² Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-45.—Potatoes: Production, seed used, and disposition, United States, 1988–97

Year	Production	Total used for seed ¹	Used on farms where produced ¹		Sold ¹
			For seed, feed, and household use ¹	Shrinkage and loss ¹	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1988	356,438	25,973	5,810	24,842	325,786
1989	370,444	27,025	5,722	24,974	339,748
1990	402,110	28,061	5,949	28,329	367,832
1991	417,622	27,021	5,995	32,429	379,198
1992	425,367	28,275	5,923	33,807	385,637
1993	430,349	29,031	5,931	30,152	392,610
1994	469,425	29,348	5,878	37,166	424,010
1995	445,099	30,582	5,745	29,530	408,331
1996	499,254	29,077	6,221	41,222	451,190
1997 ²	467,091	29,562	5,464	32,186	427,887

¹ 1993–97 are preliminary. ² Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-46.—Fall potatoes: Production and total stocks held by growers and local dealers, 15 Major States, 1988–97

Crop year	Production	Total stocks					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1988	305,623	206,420	177,750	151,050	124,485	92,585	59,355
1989	316,097	202,050	173,550	144,290	116,600	84,320	50,675
1990	344,200	225,500	194,460	162,850	134,470	101,150	63,040
1991	363,541	242,070	211,005	178,515	145,820	108,865	69,110
1992	368,516	246,820	215,990	184,560	152,795	115,785	75,040
1993	376,954	249,410	217,300	185,490	153,435	115,170	72,860
1994	410,839	273,290	238,560	202,470	165,570	129,825	87,600
1995	394,785	256,710	223,550	189,360	156,020	115,855	75,870
1996	443,704	295,100	261,320	226,080	189,210	147,585	103,210
1997 ¹	413,513	278,830	246,550	212,562	175,870	134,190	92,840

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-47.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1996–98

Season and State	Area harvested			Production			Price for crop of—		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996 ¹	1997 ¹	1998 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
CA	5.7	6.6	7.0	1,425	1,551	1,540	21.10	18.10	.....
FL	8.8	9.4	8.0	1,848	1,880	1,440	24.60	16.90	.....
Total	14.5	16.0	15.0	3,273	3,431	2,980	23.10	17.50	.....
Spring:									
AL	1.9	1.6	1.7	304	272	221	9.95	10.80	.....
AZ	9.0	6.5	8.1	2,475	1,820	2,284	10.20	8.75	.....
CA	20.1	20.7	18.5	7,538	8,073	6,198	13.00	9.85	.....
FL	35.5	32.7	34.5	7,765	7,150	7,358	10.50	10.90	.....
Hastings	27.5	23.9	24.5	6,325	5,258	5,758	9.50	10.70	.....
Other	8.0	8.8	10.0	1,440	1,892	1,600	14.80	11.80	.....
NC	17.0	17.3	17.5	3,230	3,287	3,325	6.75	6.55	.....
TX	6.5	8.7	10.3	1,105	1,697	1,751	8.90	8.10	.....
Total	90.0	87.5	90.6	22,417	22,299	21,137	10.70	9.50	.....
Summer:									
AL	5.7	4.6	4.3	855	690	559	8.90	7.90	.....
CA	5.8	5.9	6.1	2,088	2,124	2,257	14.60	14.50	.....
CO	9.8	7.6	8.2	3,381	2,584	2,870	4.10	5.30	.....
DE	5.2	4.7	4.6	1,248	964	1,012	7.95	8.25	.....
IL	6.0	4.6	4.9	1,650	1,495	1,421	4.70	5.50	.....
IA	1.7	1.5	1.3	349	308	306	4.80	5.45	.....
MD	2.6	3.4	4.6	559	816	1,081	6.60	6.85	.....
MO	7.3	6.0	8.8	1,643	1,500	1,892	5.80	5.30	.....
NE	5.5	4.1	4.4	1,485	1,599	1,606	4.15	5.15	.....
NJ	2.5	2.5	2.6	663	650	702	6.50	6.50	.....
NM	3.9	3.9	3.7	1,404	1,248	962	6.10	6.95	.....
NC	1.2	1.2	1.1	108	120	105	7.75	8.00	.....
TX	9.5	8.5	8.2	2,280	2,805	3,116	10.90	12.10	.....
VA	6.5	6.5	6.0	1,463	1,268	1,380	9.10	10.80	.....
Total	73.2	65.0	68.8	19,176	18,171	19,269	7.48	8.15	.....
Fall:									
CA	11.5	10.5	10.3	4,600	4,200	3,708	4.80	8.10	.....
CO	77.8	76.9	75.7	29,175	24,993	25,360	1.60	4.50	.....
ID	413.0	398.0	413.0	142,800	140,314	139,650	3.85	4.50	.....
10 S.W. counties	28.0	27.0	28.0	11,900	12,690	12,600	.....	.....	.....
Other counties	385.0	371.0	385.0	130,900	127,624	127,050	.....	.....	.....
IN	5.2	4.5	5.0	1,352	1,170	1,600	6.10	6.15	.....
ME	77.0	72.0	64.5	21,175	19,080	18,060	4.60	6.40	.....
MA	2.6	3.0	3.0	676	810	660	5.65	7.70	.....
MI	46.0	47.5	47.5	13,800	14,250	14,725	5.80	6.45	.....
MN	82.0	73.0	73.0	24,600	20,440	21,170	4.65	5.55	.....
MT	10.2	10.4	10.6	3,213	3,328	3,180	6.60	7.05	.....
NE	12.4	19.9	21.8	4,402	7,761	8,175	5.35	6.35	.....
NV	7.9	6.9	6.9	3,160	2,967	2,726	3.45	4.50	.....
NM	6.4	6.1	5.9	2,560	2,379	2,242	4.60	5.50	.....
NY	26.5	26.0	27.0	7,420	7,150	7,290	7.40	8.75	.....
ND	131.0	110.0	122.0	28,820	22,000	28,670	4.70	5.65	.....
OH	5.1	5.2	4.8	1,275	1,170	1,200	7.35	8.25	.....
OR	61.0	55.5	58.0	30,124	27,319	26,229	4.60	5.20	.....
Malheur County	13.3	10.9	11.4	5,320	4,796	4,560	5.30	5.05	.....
Other counties	47.7	44.6	46.6	24,804	22,523	21,669	4.45	5.25	.....
PA	16.0	13.5	14.0	4,160	3,173	3,360	6.95	8.20	.....
RI	0.8	0.8	0.7	192	216	147	6.50	7.60	.....
SD	4.8	4.4	4.8	1,344	968	1,248	5.05	4.90	.....
UT	4.2	3.3	2.6	1,176	957	728	4.90	4.35	.....
WA	161.0	152.0	165.0	94,990	88,160	93,225	4.75	4.90	.....
WI	85.0	85.0	83.5	33,150	30,175	30,895	4.35	5.70	.....
WY	0.8	0.7	0.4	224	210	120	7.00	5.05	.....
Total	1,248.2	1,185.1	1,220.0	454,388	423,190	434,368	4.35	5.20	.....
US	1,425.9	1,353.6	1,394.4	499,254	467,091	477,754	4.92	5.62	.....

¹ Preliminary. ² Data not available.

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

Table 4-48.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1996 and 1997

State	Crop of 1996					
	Dec. 1, 1996	Jan. 1, 1997	Feb. 1, 1997	Mar. 1, 1997	Apr. 1, 1997	May 1, 1997
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
CA	3,500	3,000	2,500	2,200	1,700	1,100
CO	23,100	20,700	18,100	15,500	12,900	9,900
ID	102,000	92,000	82,000	70,000	56,000	41,000
ME	16,900	15,300	13,100	11,200	8,400	5,300
MI	8,000	6,600	4,600	3,300	1,900	1,000
MN	16,500	14,900	13,200	11,000	8,500	5,500
MT	3,050	2,950	2,850	2,700	1,900	300
NE	3,160	2,800	2,440	(¹) 1,930	(¹) 1,025	(¹) 390
NY	3,700	2,400	1,400	800	350	160
ND	20,500	18,000	15,000	12,400	10,000	7,300
OH	290	170	90	(¹)	(¹)	(¹)
OR	23,600	21,500	19,000	16,000	13,300	9,200
PA	2,800	1,800	1,300	880	410	160
WA	48,000	42,000	36,500	30,000	23,000	16,500
WI	20,000	17,200	14,000	11,300	8,200	5,400
15 State total	295,100	261,320	226,080	189,210	147,585	103,210

State	Crop of 1997 ²					
	Dec. 1, 1997	Jan. 1, 1998	Feb. 1, 1998	Mar. 1, 1998	Apr. 1, 1998	May 1, 1998
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
CA	2,700	2,300	2,100	1,800	1,500	1,200
CO	19,400	17,000	14,700	12,800	10,500	7,700
ID	102,000	91,500	81,000	69,500	56,000	41,500
ME	15,600	14,100	12,100	10,300	7,400	4,500
MI	8,500	7,000	5,500	3,800	2,300	1,000
MN	13,500	12,000	10,500	8,800	6,800	4,500
MT	3,180	3,080	2,980	2,350	700	150
NE	5,300	4,300	3,300	(¹) 2,430	(¹) 1,210	(¹) 300
NY	3,600	2,500	1,500	800	400	100
ND	16,000	13,800	11,900	9,300	7,000	4,700
OH	350	170	82	(¹)	(¹)	(¹)
OR	20,500	19,000	16,000	13,000	9,800	6,500
PA	2,000	1,500	1,200	890	480	190
WA	47,000	41,500	36,500	29,500	22,500	16,000
WI	18,200	16,800	13,200	10,600	7,600	4,500
15 State total	278,830	246,550	212,562	175,870	134,190	92,840

¹ Combined to prevent possible disclosure of individual operations. ² Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-49.—Frozen French fries: U.S. imports from principal suppliers for marketing years, 1994-97¹

Countries	1994	1995	1996	1997
	Metric tons	Metric tons	Metric tons	Metric tons
Canada	144,796	159,854	248,576	336,293
Australia	0	0	0	1,370
Mexico	0	1	0	.....
Netherlands	0	0	321	929
New Zealand ²	15	168	0	.....
Other .....	.....	.....	.....	166
Total	144,811	160,023	248,897	338,758

¹ July through June. ² Excludes Cook, Niue, and Tokelau.
FAS, Horticultural & Tropical Products Division, (202) 720-0897. Compiled from reports of the U.S. Department of Commerce.

Table 4-50.—Potatoes: Utilization, United States, crop years 1990–97

Item	1990	1991	1992	1993 ¹
SALES	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Table stock	119,545	126,953	127,215	123,802
For processing:				
Chips and shoestring	44,489	45,850	48,455	48,987
Dehydration	38,838	40,395	38,078	40,795
Frozen french fries	108,455	111,128	112,496	121,087
Other frozen products	23,915	23,097	23,016	25,190
Canned potatoes	2,526	2,465	2,710	1,879
Other canned products (hash, stews, soups)	2,075	1,886	2,557	2,458
Starch and flour	1,699	1,739	1,610	1,691
Total	221,997	226,560	228,922	242,087
Other sales:				
Livestock feed	3,264	3,652	3,928	2,498
Seed	23,026	22,033	23,529	24,223
Diversion			2,043	
Total	26,290	25,685	29,500	26,721
Total sales	367,832	379,198	385,637	392,610
NON-SALES				
Seed used on farms where grown	5,035	4,988	4,746	4,808
Household use	914	1,007	1,177	1,123
Shrinkage and loss	28,329	32,429	33,807	30,152
Total non-sales	34,278	38,424	39,730	36,083
Total production	402,110	417,622	425,367	428,693
Item	1994¹	1995¹	1996¹	1997¹
SALES	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Table stock	133,989	124,482	130,907	130,508
For processing:				
Chips and shoestring	49,299	47,284	48,305	48,130
Dehydration	41,381	45,065	54,261	48,389
Frozen french fries	136,531	129,029	145,489	131,628
Other frozen products	26,362	27,073	28,972	33,397
Canned potatoes	2,503	3,342	2,785	2,822
Other canned products (hash, stews, soups)	3,006	2,385	2,167	2,675
Starch and flour	2,176	1,668	1,956	1,311
Total	261,258	255,846	283,935	268,352
Other sales:				
Livestock feed ²	4,147	3,224	12,073	3,603
Seed	24,616	24,779	24,275	25,424
Total	28,763	28,003	36,348	29,027
Total sales	424,010	408,331	451,190	427,887
NON-SALES				
Seed used on farms where grown	4,732	4,783	4,801	4,138
Household use	1,146	962	1,420	1,326
Shrinkage and loss	37,166	29,530	41,222	32,186
Total non-sales	43,044	35,275	47,443	37,650
Total production	467,054	443,606	498,633	465,537

¹ Preliminary. ² Includes potatoes under Government diversion. NASS, Crops Branch, (202) 720-2127.

Table 4-51.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1997¹

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Winter:					
CA	1,584	189	.....	65	1,519
FL	1,540	238	.....	9	1,531
Total	3,124	427	.....	74	3,050
Spring:					
AL	263	27	.....	4	259
AZ	1,705	164	5	20	1,680
CA	8,280	416	42	496	7,742
FL	6,641	957	1	33	6,607
Hastings	5,145	689	1	21	5,123
Other	1,496	268	.....	12	1,484
NC	3,300	245	25	102	3,173
TX	1,560	130	39	31	1,490
Total	21,749	1,939	112	686	20,951
Summer:					
AL	885	85	9	44	832
CA	2,124	183	9	26	2,089
CO	2,584	202	5	143	2,436
DE	966	71	5	39	922
IL	1,495	128	22	38	1,435
IA	273	18	4	12	257
MD	952	64	29	29	894
MO	1,479	182	1	15	1,463
NE	1,677	99	.....	75	1,602
NJ	594	26	3	18	573
NM	1,376	86	5	55	1,316
NC	120	15	3	3	114
TX	1,887	107	6	38	1,843
VA	1,463	119	1	51	1,411
Total	17,875	1,385	102	586	17,187
Fall:					
CA	4,200	206	20	340	3,840
CO	24,993	1,895	1,340	2,773	20,880
ID	140,314	8,500	1,130	9,258	129,926
IN	1,323	106	12	97	1,214
ME	19,170	1,386	275	1,760	17,135
MA	756	61	.....	40	716
MI	14,250	900	200	1,300	12,750
MN	20,440	1,640	450	1,717	18,273
MT	3,328	244	152	208	2,968
NE	7,527	424	183	369	6,975
NV	2,967	140	50	356	2,561
NM	2,646	155	64	265	2,317
NY	7,700	660	138	362	7,200
ND	21,525	2,210	365	2,220	18,940
OH	1,175	103	8	37	1,130
OR	27,161	1,332	195	1,555	25,411
Malheur County	4,796	276	5	55	4,736
Other counties	22,365	1,056	190	1,500	20,675
PA	3,190	285	79	176	2,935
RI	216	14	.....	3	213
SD	1,050	80	10	90	950
UT	915	68	1	65	849
WA	88,160	3,648	300	6,400	81,460
WI	29,643	1,743	275	1,418	27,950
WY	140	11	3	31	106
Total	422,789	25,811	5,250	30,840	386,699
US	465,537	29,562	5,464	32,186	427,887

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-52.—Potatoes,¹ white: United States exports by country of destination and imports by country of origin, 1994/95–1996/97

Item and country	Year beginning October			Item and country	Year beginning October		
	1994/95	1995/96	1996/97		1994/95	1995/96	1996/97
Exports				Exports			
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Netherlands	0	351	156	Canada	232,666	225,543	257,866
United Kingdom	0	359	869	Hong Kong	1,823	2,894	2,351
Other countries	669	124	152	Russian Federation	4,718	5,936	3,940
Total ²	669	834	1,177	Singapore	1,329	2,352	2,316
				Other countries	2,023	3,070	2,498
Latin America:				Total ²	242,559	239,795	268,971
Mexico	16,481	27,721	22,873	Grand total ²	265,583	274,538	299,260
Venezuela	3,243	418	179				
Other countries	1,007	2,312	676	Imports			
Total ²	20,731	30,451	23,728	Certified seed:			
				Canada	99,720	136,546	114,218
Bermuda and Caribbean:				Others	1	90	14
Bahamas	294	584	371	Total	99,721	136,636	114,232
Barbados	290	806	931	Other potatoes:			
Bermuda	114	39	260	Canada	146,721	353,273	210,604
Dominican Republic	152	1,114	2,210	Others	39	19	88
Jamaica	117	502	1,368	Total	146,760	353,292	210,692
Other countries	657	413	253	Grand total	246,481	489,928	324,924
Total ²	1,624	3,458	5,393				

¹ Includes seed potatoes. ² Totals may not add due to rounding.

FAS, Horticultural & Tropical Products Division, (202) 720-0897. Compiled from reports of the U.S. Department of Commerce.

Table 4-53.—Potatoes (fresh): Foreign trade, United States, 1988–97¹

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1988	5430	2,243	1993	7,018	6,246
1989	7009	2,870	1994	5,158	6,273
1990	7,180	3,374	1995	10,741	5,501
1991	3,352	4,487	1996	7,129	6,402
1992	6,602	5,040	1997	10,481	7,172

¹ Includes seed.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

Table 4-54.—Spinach for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA	9,000	15,200	15,000	1,350	2,660	2,400	30.90	31.20	36.10
CO	2,500	2,000	1,900	150	104	95	28.60	32.00	40.00
MD	1,400	1,200	1,600	70	107	80	15.00	41.00	35.00
NJ	2,100	1,900	2,000	210	238	180	28.20	25.60	36.90
TX	2,800	2,400	2,500	154	156	225	24.40	35.40	39.40
US	17,800	22,700	23,000	1,934	3,265	2,980	29.30	31.30	36.50

¹ Preliminary.

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

Table 4-55.—Spinach for processing: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
TX	7,500	4,700	5,000	70,050	44,650	42,500	86.30	93.50	95.00
Other States ²	8,110	9,620	7,700	73,800	83,040	67,690	114.00	110.00	149.00
US	15,610	14,320	12,700	143,850	127,690	110,190	101.00	105.00	128.00

¹ Preliminary. ² 1996 - AR, CA, OK, TN, and WI. 1997–98 - AR, CA, NY, OH, OK, PA, TN, VA, and WI. NASS, Crops Branch, (202) 720–2127.

Table 4-56.—Sweet Potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1989–98

Year	Area harvested	Yield per acre	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	86.0	132	11,358	16.40	186,279
1990	89.5	141	12,594	9.70	121,962
1991	77.8	144	11,203	13.30	149,367
1992	82.4	146	12,005	12.20	146,499
1993	80.0	138	11,027	15.10	166,828
1994	82.7	162	13,380	14.00	187,383
1995	83.1	154	12,821	15.90	204,658
1996	83.7	158	13,216	14.40	190,529
1997	82.1	162	13,327	15.80	211,177
1998 ²	83.8	142	11,887	15.80	187,327

¹ Obtained by weighting State prices by production. ² Preliminary. NASS, Crops Branch, (202) 720–2127.

Table 4-57.—Sweet Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1996–98

State	Area harvested			Production			Price for crop of—		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	4.2	3.6	3.7	714	540	629	12.10	20.50	18.10
CA	9.6	9.7	9.1	2,160	1,989	1,866	26.10	28.00	27.00
GA	1.3	0.8	0.7	260	120	70	10.60	15.40	16.50
LA	21.0	20.0	20.0	3,360	3,400	2,000	13.10	14.40	14.50
MS	8.1	8.4	9.7	1,296	1,092	1,358	12.60	18.50	19.50
NJ	1.2	1.1	1.0	156	116	105	17.90	20.40	22.00
NC	31.0	31.0	32.0	4,340	4,960	5,440	10.70	10.80	10.90
SC	1.3	1.1	1.1	117	121	99	14.70	15.40	13.40
TX	5.5	5.8	6.0	743	899	210	14.40	16.20	22.40
VA	0.5	0.6	0.5	70	90	110	10.90	11.60	11.70
US	83.7	82.1	83.8	13,216	13,327	11,887	14.40	15.80	15.80

¹ Preliminary. NASS, Crops Branch, (202) 720–2127.

Table 4-58.—Taro: Area, yield, total production, price, and value, Hawaii, 1989–98¹

Year	Total area	Yield per acre ¹	Production	Price per pound	Value of production
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 pounds</i>
1989	430	.....	6,500	0.307	1,996
1990	420	.....	5,800	0.390	2,262
1991	550	.....	6,500	0.430	2,795
1992	550	.....	6,900	0.435	3,002
1993	510	.....	6,000	0.460	2,760
1994	490	.....	6,100	0.460	2,806
1995	550	.....	6,800	0.480	3,264
1996	530	.....	5,700	0.490	2,793
1997	450	.....	5,500	0.510	2,805
1998 ²	490	.....	6,000	0.530	3,180

¹ Yield not estimated. ² Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-59.—Tomatoes: Foreign trade, United States, 1988–97

Year beginning July	Imports			Domestic exports				
	Fresh	Canned ¹	Paste	Fresh ²	Canned ³ whole	Catsup and sauces	Paste ³	Juice
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1988	830,078	157,403	225,628	180,948	11,945	62,730	22,139	8,727
1989	905,428	119,090	163,196	177,177	4,892	84,595	30,302	13,033
1990	807,239	151,944	93,572	293,056	6,452	81,974	79,305	17,025
1991	460,778	111,220	52,027	343,480	25,461	163,353	131,966	24,694
1992	824,806	122,593	69,157	351,410	44,953	185,414	147,292	24,468
1993	885,824	131,347	95,708	329,577	48,176	241,118	171,550	33,877
1994	1,456,261	189,042	50,898	321,828	51,704	266,491	198,165	30,802
1995	1,702,019	221,894	33,590	288,021	59,312	252,503	193,215	51,006
1996	1,678,129	215,112	31,818	282,252	79,466	279,464	284,377	24,456
1997	1,794,809	186,099	23,601	332,416	55,165	319,959	298,407	23,052

¹ Includes all canned tomato imports except paste, and is on a product-weight-basis. ² Prior to 1989, U.S. exports to Canada were understated due to underreporting of actual shipments. ³ Includes exports for military-civilian feeding abroad.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

Table 4-60.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1989–98

Year	For fresh market					For processing				
	Area harvested	Yield per acre	Production	Value ¹		Area harvested	Yield per acre	Production	Value ²	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	141,730	254	35,962	33.20	1,192,198	320,850	29.56	9,484,470	69.30	657,284
1990	134,590	251	33,800	27.40	925,047	354,700	29.19	10,355,260	67.80	702,367
1991	131,710	258	33,988	31.70	1,078,763	355,980	30.54	10,872,990	66.40	722,114
1992	131,910	296	39,033	35.80	1,396,950	273,910	32.04	8,777,430	70.80	509,413
1993	134,250	273	36,663	31.60	1,157,996	307,470	31.47	9,676,667	60.10	581,901
1994	135,220	276	37,387	27.40	1,024,563	340,060	33.93	11,539,710	62.10	716,469
1995	131,020	260	34,098	25.20	870,427	344,380	32.77	11,285,007	63.20	713,479
1996	120,640	279	33,634	28.20	947,031	339,140	33.64	11,407,301	62.30	711,043
1997	115,190	285	32,777	31.70	1,040,382	283,390	35.19	9,973,259	60.70	605,107
1998 ³ ..	114,510	273	31,258	35.00	1,095,451	299,760	31.34	9,394,810	57.70	542,510

¹ Price and value of f.o.b. basis. ² Price and value at processing plant door. ³ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 4-61.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1996-98

Utilization and State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
FOR FRESH MARKET				<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>cwt.</i>	<i>cwt.</i>	<i>cwt.</i>	<i>per cwt.</i>	<i>per cwt.</i>	<i>per cwt.</i>
AL	2,400	2,100	1,200	312	315	192	22.00	24.00	31.00
AR	1,000	1,100	1,400	130	231	336	38.00	34.00	34.50
CA	37,400	34,000	32,000	10,472	9,860	8,640	24.80	26.50	32.80
FL	40,800	39,200	40,600	14,484	13,720	13,804	30.90	35.50	36.70
GA	3,000	3,500	3,500	1,200	1,470	910	24.30	25.70	31.50
IN	1,600	1,600	1,500	216	232	240	46.20	43.80	52.00
LA	310	310	260	47	59	42	40.00	50.00	45.00
MD	2,000	2,000	2,100	270	260	315	35.00	28.00	32.00
MA	450	420	450	68	59	74	85.00	80.00	100.00
MI	2,400	2,500	2,700	432	400	540	24.20	24.20	38.50
NJ	4,100	3,900	3,900	697	722	741	33.80	36.70	39.20
NY	1,900	3,200	3,300	152	384	462	22.10	29.10	29.00
NC	1,800	2,000	2,200	450	600	616	27.00	24.50	27.00
OH	3,300	3,400	3,000	842	646	735	26.60	46.00	38.70
PA	4,400	3,800	4,400	660	494	528	19.50	25.00	26.00
SC	3,400	3,200	3,200	1,020	640	896	33.00	35.10	27.00
TN	3,700	3,600	3,200	796	864	800	24.00	27.00	38.00
TX	2,800	1,300	1,400	308	260	140	18.00	34.00	37.80
VA	3,600	3,700	3,800	1,008	1,462	1,151	24.70	33.80	35.00
Total	120,360	114,830	114,110	33,564	32,678	31,162	28.10	31.70	35.00
HI	280	360	400	70	99	96	53.00	53.00	54.00
US	120,640	115,190	114,510	33,634	32,777	31,258	28.20	31.70	35.00
FOR PROCESSING							<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>per ton</i>	<i>per ton</i>	<i>per ton</i>
CA	313,000	260,000	280,000	10,658,741	9,342,309	8,892,800	61.10	59.50	56.20
CO ²	220			3,900			110.00		
IN	6,400	6,400	7,100	180,480	157,440	156,200	85.00	87.30	88.00
MI	4,400	4,300	2,300	143,000	133,300	82,800	73.70	73.30	84.00
OH	10,500	8,900	6,300	307,650	252,670	169,090	78.90	73.70	81.40
PA	800	1,100	1,300	22,300	27,010	33,800	95.90	77.00	80.00
Other States ³ ...	3,820	2,690	2,760	91,230	60,530	60,120	77.50	83.00	92.60
US	339,140	283,390	299,760	11,407,301	9,973,259	9,394,810	62.30	60.70	57.70
Grand total	459,780	398,580	414,270	13,089,001	11,612,109	10,957,710	126.70	141.70	149.50

¹ Preliminary. ² Estimate discontinued. ³ 1996-98 - DE, IL, MD, NJ, NY, TX, and VA. NASS, Crops Branch, (202) 720-2127.

Table 4-62.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1997

Commodity	Baltimore ¹			Boston			New York ²			Philadelphia			
	Rail, boat, and air	Motor-truck ³	Total	Rail, boat, and air	Motor-truck ³	Total	Rail, boat, and air	Motor-truck ³	Total	Rail, boat, and air	Motor-truck ³	Total	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	
Vegetables:													
Artichokes		6	6			20	20		72	72	1	11	12
Asparagus		34	34			57	57		82	82		34	34
Beans		113	113			103	103		299	299		69	69
Beets		1	1			2	2		133	133		2	2
Broccoli	14	209	223	95	176	271	184	268	452	98	150	248	
Brussels sprouts		5	5			9	9		38	38		1	1
Cabbage		315	315			266	266	5	772	777	2	220	222
Carrots	30	243	273	322	339	661	490	473	963	173	150	323	
Cauliflower	1	97	98	37	123	160	71	167	238	36	61	97	
Celery	25	285	310	159	213	372	282	336	618	157	237	394	
Chinese cabbage		17	17			16	16		6	6		9	9
Corn, sweet		290	290			331	331	11	317	328	8	205	213
Cucumbers		312	312			536	536		700	700		224	224
Eggplant		42	42			87	87		357	357		55	55
Endive		8	8			7	7		160	160		8	8
Escarole		2	2			8	8		160	160		14	14
Garlic		8	8			43	43		131	131		22	22
Greens		136	136	2	87	89		308	308			90	90
Lettuce, iceberg	53	812	865	345	1,145	1,490	649	727	1,376	318	705	1,023	
Lettuce, romaine		168	168	48	312	360	70	459	529	35	213	248	
Lettuce, other	1	86	87	1	149	150		282	282		70	70	
Mixed vegetables													
Mushrooms		33	33			166	166		120	120		38	38
Okra									28	28			
Onions, dry	63	674	737	266	786	1,052	508	976	1,484	137	581	718	
Onions, green		44	44			43	43		78	78		30	30
Parsley		14	14			27	27		55	55		15	15
Peas, green		7	7			21	21		18	18		6	6
Peas, other													
Peppers, bell		256	256	22	576	598	12	722	734	6	329	335	
Peppers, other		5	5			13	13		118	118		16	16
Potatoes, table	261	1,221	1,482	920	1,897	2,817	2,247	1,521	3,768	803	1,301	2,104	
Potatoes, chipper	53		53			2	2	41		41	45	45	
Potatoes, seed													
Pumpkins		20	20			26	26		2	2		10	10
Radishes		27	27			40	40		60	60		18	18
Spinach		22	22			56	56		184	184		12	12
Squash		125	125			363	363		311	311		87	87
Sweet potatoes		135	135			80	80		264	264		53	53
Tomatoes	5	747	752	47	1,220	1,267	78	1,253	1,331	48	950	998	
Tomatoes, cherry		21	21			72	72		47	47		49	49
Turnips-rutabagas		11	11			43	43		33	33		5	5
Vegetables, other									8	8			
Total	506	6,551	7,057	2,264	9,460	11,724	4,648	12,045	16,693	1,867	6,050	7,917	
Melons:													
Cantaloups	13	414	427	79	488	567	168	424	592	81	254	335	
Honeydews	1	172	173	23	191	214	56	219	275	26	132	158	
Mixed and miscellaneous		5	5	2	9	11	7	17	24	1	6	7	
Watermelons	2	556	558	4	422	426	90	603	693	37	494	531	
Total	16	1,147	1,163	108	1,110	1,218	321	1,263	1,584	145	886	1,031	
Grand total	522	7,698	8,220	2,372	10,570	12,942	4,969	13,308	18,277	2,012	6,936	8,948	

¹ Includes Washington. ² Includes Newark. ³ Estimated percentages of completeness for reported truck arrivals for 1997 are as follows: Baltimore 92, Boston 84, New York 65, and Philadelphia 88.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720-3343.

Table 4-63.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1997

Commodity	Atlanta			Chicago			Los Angeles			San Francisco ¹		
	Rail, boat, and air	Motor-truck ²	Total	Rail, boat, and air	Motor-truck ²	Total	Rail, boat, and air	Motor-truck ²	Total	Rail, boat, and air	Motor-truck ²	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:												
Artichokes		7	7		42	42		64	64		77	77
Asparagus		21	21		77	77	3	52	55		102	102
Beans		81	81		229	229		161	161		121	121
Beets					27	27		22	22		25	25
Broccoli		198	198	162	275	437		408	408		293	293
Brussel sprouts					11	11		14	14		12	12
Cabbage		459	459	4	686	690		370	370		284	284
Carrots		314	314	175	585	760		511	511		526	526
Cauliflower		47	47	86	236	322		183	183		120	120
Celery		209	209	259	575	834		669	669		286	286
Chinese cabbage		20	20		166	166		217	217		68	68
Corn, sweet		229	229		344	344		416	416		393	393
Cucumbers		204	204		629	629		646	646		309	309
Eggplant		19	19		140	140		223	223		112	112
Endive		1	1		101	101	1	24	25		12	12
Escarole					100	100		12	12		1	1
Garlic		13	13		64	64		78	78		62	62
Greens		127	127		191	191		199	199		84	84
Lettuce, iceberg		993	993	603	1,144	1,747		1,586	1,586		580	580
Lettuce, romaine		204	204	93	339	432		332	332		277	277
Lettuce, other		43	43		167	167		259	259		187	187
Mixed vegetables												
Mushrooms		88	88					200	200		141	141
Okra		10	10		11	11	2	11	13		7	7
Onions, dry	17	1,411	1,428	218	970	1,188		1,658	1,658		998	998
Onions, green		41	41		133	133		149	149		105	105
Parsley		13	13		53	53		38	38		30	30
Peas					15	15		32	32		36	36
Peas, other		3	3									
Peppers, bell		272	272	9	524	533	4	718	722		368	368
Peppers, other		7	7		195	195		137	137		77	77
Potatoes, table	247	1,423	1,670	1,939	1,015	2,954	108	4,640	4,748		2,032	2,032
Potatoes, chipper		2,573	2,573	64		64					169	169
Potatoes, seed						91						
Pumpkins		62	62		8	8		71	71		57	57
Radishes		13	13		183	183		199	199		93	93
Spinach		49	49		171	171		118	118		98	98
Squash		100	100		354	354		424	424		365	365
Sweet potatoes		167	167		166	166		129	129		141	141
Tomatoes		1,034	1,034	41	1,506	1,547	11	2,197	2,208	36	1,009	1,045
Tomatoes, cherry		41	41		151	151		90	90		63	63
Turnips-rutabagas		20	20		7	7		13	13		19	19
Vegetables, oth ³								17	17		54	54
Total	264	10,516	10,780	3,744	11,377	15,121	129	17,287	17,416	36	9,793	9,829
Melons:												
Cantaloups		394	394	143	647	790		1,488	1,488		753	753
Honeydews		100	100	38	339	377		616	616		275	275
Mixed and miscellaneous		1	1	3	6	9		111	111		70	70
Watermelons		441	441	1	522	523		2,869	2,869		846	846
Total	0	936	936	185	1,514	1,699		5,084	5,084		1,944	1,944
Grand total	264	11,452	11,716	3,929	12,891	16,820	129	22,371	22,500	36	11,737	11,773

¹ Includes Oakland. ² Estimated percentages of completeness for reported truck arrivals for 1997 are as follows: Atlanta 98, Chicago 83, Los Angeles 80, and San Francisco 88. ³ Not otherwise specified.

Table 4-64.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 1997

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Vegetables:													
Artichokes	40	79	132	82	87	25	19	24	29	12	6	3	538
Asparagus	25	79	238	287	211	82	1	.....	.....	.....	.....	.....	923
Beans	126	16	180	175	298	149	.....	.....	24	145	173	.....	1,390
Beets	13	12	16	17	6	1	.....	.....	.....	1	8	14	88
Broccoli	695	768	739	793	826	630	717	610	636	588	747	548	8,297
Cabbage	1,213	1,173	1,535	1,384	1,141	444	350	774	826	765	691	909	11,205
Carrots	1,247	1,104	1,142	1,186	1,196	1,072	931	790	789	911	772	858	11,998
Cauliflower	424	378	384	417	455	282	286	275	268	259	378	337	4,143
Celery	1,410	1,159	1,405	1,340	1,283	1,264	1,117	1,145	1,255	1,302	1,783	1,414	15,877
Chinese cabbage	35	20	21	22	4	.....	.....	.....	.....	1	3	18	124
Corn, sweet	201	96	311	2,012	2,100	1,991	1,028	340	327	364	217	176	9,163
Cucumbers	69	27	351	450	602	449	464	595	563	531	314	158	4,573
Eggplant	34	30	68	108	106	52	.....	.....	.....	21	32	28	479
Endive	20	20	22	17	8	.....	.....	.....	.....	1	8	9	105
Escarole	28	26	28	23	9	.....	.....	.....	.....	2	14	11	141
Greens	174	190	266	196	98	.....	3	5	9	27	147	213	1,328
Lettuce, iceberg	3,537	3,489	3,579	3,682	3,917	3,458	3,449	3,404	3,476	3,106	3,027	2,876	41,000
Lettuce, romaine	856	778	774	760	708	608	615	630	707	785	671	658	8,550
Lettuce, other	397	342	349	373	339	307	327	326	362	374	353	367	4,216
Mixed vegetables .....	.....	.....	1	10	7	.....	.....	.....	.....	5	2	.....	26
Okra	3,333	2,539	1,829	2,922	3,428	2,759	3,229	3,401	3,858	3,936	3,665	3,459	38,258
Onions, dry	6	4	6	3	1	.....	3	8	9	10	10	17	77
Onions, green	19	18	21	16	10	.....	.....	.....	.....	.....	8	10	102
Parsley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peas, other .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peppers, bell	336	308	582	771	935	808	663	380	333	412	458	412	6,398
Peppers, other	30	28	44	42	28	7	1	.....	.....	15	26	19	240
Potatoes, table	11,052	8,950	10,115	9,819	10,655	9,922	8,808	8,010	8,942	9,862	9,522	9,844	11,501
Potatoes, chipper	2,834	2,297	2,584	2,994	4,041	1,921	848	1,506	1,569	1,901	3,187	2,874	28,556
Potatoes, seed	541	921	3,029	6,632	5,518	308	2	4	51	121	216	422	17,765
Radishes	50	48	61	56	44	1	.....	.....	.....	9	31	21	321
Spinach	72	61	50	6	5	6	15	26	28	36	40	68	413
Squash	78	39	182	177	72	12	5	8	7	59	112	55	806
Sweet potatoes	216	209	321	182	201	121	138	185	219	339	805	363	3,299
Tomatoes	1,453	699	1,023	2,817	2,366	2,832	2,783	2,394	2,208	2,601	2,108	2,296	25,580
Tomatoes, cherry	40	14	25	61	76	44	33	21	13	41	60	45	473
Turnips- rutabagas	4	4	3	1	.....	.....	.....	.....	.....	.....	3	3	18
Vegetables, other ¹ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	30,608	25,925	31,416	39,733	40,781	29,556	25,835	24,861	26,508	28,542	29,597	28,610	361,971
Melons:													
Cantaloups .....	.....	.....	.....	.....	1,787	3,057	756	179	101	602	445	38	6,965
Honeydews .....	.....	.....	.....	.....	247	523	177	61	29	175	139	4	1,355
Mixed and mis- cellaneous .....	.....	.....	.....	.....	37	77	33	14	9	.....	.....	.....	170
Watermelons .....	.....	.....	.....	608	3,809	6,484	5,271	3,105	905	52	36	1	20,271
Total .....	.....	.....	.....	608	5,880	10,141	6,237	3,359	1,044	829	620	43	28,761
Grand total	30,608	25,925	31,416	40,341	46,661	39,696	32,072	28,220	27,552	29,371	30,217	28,653	390,732

¹ Not otherwise specified.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720-3343.

Table 4-65.—Vegetables (fresh), melons, potatoes, sweet potatoes: Per capita civilian utilization (farm-weight basis), United States, 1988-97¹

Year	Cabbage	Cucumbers	Tomatoes	Asparagus	Broccoli	Carrots	Head Lettuce	Leaf/romaine
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1988	9.1	4.8	16.8	.6	3.8	7.1	27.0	3.2
1989	8.7	4.8	16.8	.6	3.8	8.1	28.8	3.6
1990	8.8	4.7	15.5	.6	3.4	8.3	27.8	3.8
1991	8.5	4.6	15.4	.6	3.1	7.7	26.1	4.0
1992	8.9	5.0	15.5	.6	3.4	8.3	25.9	4.7
1993	9.7	5.3	16.0	.6	2.9	8.2	24.6	4.9
1994	9.7	5.5	16.5	.6	3.9	8.7	24.3	5.2
1995	8.7	5.7	17.2	.6	4.4	9.0	22.5	5.8
1996	9.2	6.0	18.0	.6	4.5	10.1	23.3	5.9
1997	10.2	6.3	18.9	0.7	5.2	12.5	24.3	6.1

Year	Snap beans	Garlic	Cauliflower	Celery	Sweet Corn	Onions	Spinach	Bell peppers
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1988	1.2	1.1	2.2	7.2	5.8	14.5	0.6	4.5
1989	1.2	1.0	2.3	7.5	6.5	14.8	0.6	4.7
1990	1.1	1.3	2.2	7.2	6.7	15.1	0.8	4.5
1991	1.1	1.5	2.0	6.8	5.9	15.7	0.8	5.1
1992	1.5	1.5	1.8	7.4	6.9	16.2	0.8	5.7
1993	1.5	1.8	1.7	7.1	7.0	16.5	0.8	6.2
1994	1.6	1.9	1.6	6.8	8.2	16.5	0.7	6.5
1995	1.7	1.9	1.4	6.4	7.8	17.6	0.6	6.3
1996	1.4	2.4	1.5	6.3	8.3	17.9	0.5	7.3
1997	1.4	2.1	1.6	6.0	8.1	17.9	0.6	7.2

Year	Watermelon	Cantaloupe	Honeydew melons	Others ²	Total vegetables and melons	Potatoes	Sweet potatoes
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1988	13.5	7.9	2.4	2.2	135.5	49.6	4.1
1989	13.6	10.4	2.5	2.3	142.6	50.0	4.1
1990	13.3	9.2	2.1	2.1	138.5	46.8	4.6
1991	12.8	8.7	1.9	2.1	134.3	50.4	4.0
1992	14.8	8.5	2.1	2.1	141.6	48.6	4.3
1993	14.6	8.7	1.7	1.9	141.7	49.3	3.9
1994	15.5	8.6	1.8	2.1	146.2	50.3	4.7
1995	15.7	9.2	1.9	1.8	146.2	49.5	4.5
1996	17.4	10.6	2.1	1.9	155.2	50.0	4.6
1997	16.1	11.7	2.6	1.8	161.3	48.9	4.6

¹Fresh vegetable consumption computed for total commercial production for fresh market. Does not include production for home use. Consumption obtained by dividing the total apparent consumption by total July 1 population as reported by the Bureau of the Census. All data for calendar year. ²Includes artichokes, eggplant, radishes, brussels sprouts and escarole/endive.

Table 4-66.—Vegetables, canning: Per capita utilization (farm weight), United States, 1988–97

Year	Cabbage for kraut	Asparagus	Snap beans	Carrots	Green peas
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1988	1.4	0.3	3.8	1.0	1.8
1989	1.3	0.3	3.9	0.9	1.7
1990	1.2	0.3	3.7	1.1	2.0
1991	1.4	0.3	4.1	1.1	1.9
1992	1.2	0.3	4.0	1.7	2.1
1993	1.4	0.3	4.0	1.0	1.6
1994	1.2	0.2	3.8	1.3	1.5
1995	1.4	0.3	3.5	1.5	1.6
1996	1.2	0.2	3.8	1.5	1.5
1997 ¹	1.1	0.2	3.7	1.3	1.5

Year	Tomatoes	Corn	Pickles	Other ²	Total ³
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1988	61.3	10.4	5.3	6.0	91.3
1989	69.4	9.5	5.2	6.5	98.7
1990	75.4	11.0	5.0	7.5	107.2
1991	77.4	11.1	5.1	7.3	109.7
1992	73.7	11.9	4.6	8.6	108.1
1993	76.4	11.2	4.4	8.4	108.7
1994	73.6	10.2	4.7	7.5	103.9
1995	75.6	10.5	5.2	6.8	106.4
1996	74.2	10.5	4.1	7.8	104.8
1997 ¹	72.7	10.0	5.3	6.7	102.5

¹ Preliminary. ² Includes beets, chile peppers (all uses), green lima beans and spinach. ³ Totals may not add due to rounding.

ERS, Specialty Crops Branch, (202) 694-5253.

Table 4-67.—Vegetables, frozen: Commercial pack, United States, 1988–97

Commodity	1988	1989	1990	1991	1992
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Artichokes	1,052	1,542	1,326	1,273	1,142
Asparagus	18,055	19,741	17,737	13,595	16,525
Beans, butter	6,373	7,389	8,148	9,528	3,906
Beans, green, regular cut	145,187	237,853	221,768	221,306	187,377
Beans, green, French cut	65,138	73,682	85,994	62,437	49,704
Beans, green, wax	5,465	7,669,311	9,311	8,048	6,897
Beans, green, Italian	20,519	29,712	27,160	22,866	20,061
Beans, whole	25,661	31,641	34,938	33,634	42,622
Beans, baby lima	82,347	103,648	132,976	72,931	44,592
Beans, lima, Fordhook	20,911	17,086	12,777	17,058	15,129
Broccoli	289,446	290,566	258,755	174,470	168,518
Brussels sprouts	49,787	46,557	38,482	34,619	42,805
Carrots	294,673	358,848	328,781	318,001	371,232
Cauliflower	78,762	109,822	80,081	69,229	70,317
Celery	24,817	31,029	38,451	28,383	27,161
Collards	15,204	17,855	20,676	15,968	15,981
Corn, cut	423,339	502,980	518,330	553,499	548,749
Corn-on-cob	345,869	436,301	450,490	440,540	375,666
Kale	2,862	4,208	4,196	4,645	4,106
Mushrooms	32,713	35,084	24,909	26,143	26,536
Mustard greens	9,266	12,329	10,027	10,710	7,928
Okra	65,708	60,005	64,748	66,295	61,738
Onions	198,916	208,762	78,331	83,200	85,222
Peas, blackeye	30,158	33,500	30,414	27,277	27,195
Peas, green	358,779	469,404	482,910	488,467	465,375
Peppers, green and red	29,673	30,735	36,585	47,313	57,935
Potato products	5,763,671	5,998,312	6,358,968	6,498,915	6,798,442
Pumpkin and cooked squash	23,870	21,538	22,445	20,782	21,534
Rhubarb	8,082	8,730	9,116	7,458	6,426
Spinach	172,849	159,891	211,784	141,644	184,642
Squash, summer	69,961	74,716	69,631	49,448	58,184
Sweet potatoes and yams	20,044	26,380	19,772	12,370	19,456
Turnip greens	17,003	17,024	17,972	16,646	14,213
Turnip greens with turnips	21,919	24,563	19,603	19,005	18,290
Miscellaneous vegetables	12,608	11,399	16,378	16,877	14,964
Total	8,704,667	9,520,497	9,763,970	9,634,580	9,880,573

Commodity	1993	1994	1995	1996	1997
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Artichokes	733	1,364	.....	.....	.....
Asparagus	14,522	14,967	13,985	10,364	10,103
Beans, butter	3,642	7,491	7,664	4,577	5,170
Beans, green, regular cut	203,333	239,059	208,246	232,711	232,625
Beans, green, French cut	69,478	71,104	70,144	65,041	75,086
Beans, green, wax	6,091	9,144	7,120	7,592	7,324
Beans, green, Italian	18,639	25,197	17,267	17,711	18,364
Beans, whole	33,811	41,173	53,538	50,517	58,605
Beans, baby lima	66,464	95,695	101,295	85,053	97,598
Beans, lima, Fordhook	13,322	18,942	20,489	22,645	25,872
Broccoli	165,183	151,150	205,471	138,387	109,013
Brussels sprouts	46,950	34,393	25,519	30,154	26,436
Carrots	403,174	412,709	418,816	397,967	409,044
Cauliflower	73,335	66,878	64,207	48,541	44,590
Celery	36,668	34,334	32,279	40,343	32,985
Collards	17,714	20,871	17,647	17,709	22,244
Corn, cut	473,105	686,140	694,110	646,389	736,545
Corn-on-cob	377,657	492,522	414,662	383,840	464,942
Kale	4,010	3,212	3,664	2,671	4,213
Mushrooms	21,535	27,200	26,778	23,219	22,537
Mustard greens	12,311	9,987	10,302	11,294	13,139
Okra	34,593	65,114	64,810	60,847	57,725
Onions	91,576	100,138	99,639	111,021	115,980
Peas, blackeye	25,582	33,427	29,352	22,901	25,363
Peas, green	391,943	499,744	505,350	369,390	468,074
Peppers, green and red	46,331	42,787	54,155	44,858	40,746
Potato products	7,252,774	7,934,849	8,364,909	8,419,203	8,381,370
Pumpkin and cooked squash	24,196	27,356	28,097	20,058	24,570
Rhubarb	10,081	7,525	8,228	6,910	7,505
Spinach	167,147	204,495	185,640	182,999	198,715
Squash, summer	57,366	58,050	54,957	42,387	46,579
Sweet potatoes and yams	16,234	19,506	14,127	14,532	20,992
Turnip greens	17,666	19,834	18,203	19,112	20,490
Turnip greens with turnips	23,776	21,998	17,041	19,568	25,119
Miscellaneous vegetables	15,164	38,575	41,004	36,715	46,363
Total	10,236,106	11,536,930	11,898,715	11,607,226	11,895,026

ERS, Specialty Crops Branch, (202) 694-5253. Data from American Frozen Food Institute.

Table 4-68.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1997

Commodity	East and South ¹	Midwest ²	West ³	Northwest ⁴	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus		5,632	4,471			10,103
Beans, butter	5,170					5,170
Beans, green, regular cut	72,616	67,302	92,793			232,711
Beans, green, French cut	20,359	12,521	32,161			65,041
Beans, wax		7,324				7,324
Beans, green, Italian		4,360	14,004			18,364
Beans, whole		18,042	32,475			50,517
Beans, baby lima		20,987		34,395	42,216	97,598
Beans, lima, Fordhook			25,872			25,872
Broccoli			109,013			109,013
Brussels sprouts			26,436			26,436
Carrots	57,815	32,577	318,652			409,044
Cauliflower					44,590	44,590
Celery						32,985
Collards	22,244					22,244
Corn, cut	86,661	166,790	483,094			736,545
Corn-on-cob		159,854	305,088			464,942
Kale	4,213					4,213
Mustard greens	13,139					13,139
Okra	57,725					57,725
Onions ¹¹			115,980			115,980
Peas, blackeye	25,363					25,363
Peas, green	75,155	116,554	276,365			468,074
Peppers, green and red	17,319		23,427			40,746
Potato products		1,702,846		6,669,660	8,864	8,381,370
Pumpkins and cooked squash		24,570				24,570
Rhubarb		1,516	5,989			7,505
Spinach	100,566				98,149	198,715
Squash, summer						46,579
Sweet potatoes and yams	20,992					20,992
Turnip greens	20,490					20,490
Turnip greens with turnips	25,119					25,119
Mushrooms						22,537
Miscellaneous vegetables						46,363

¹ Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. ² Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. ³ California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. ⁴ Idaho, Oregon, and Washington. ⁵ South and Northwest. ⁶ East, South, and West. ⁷ Midwest and West. ⁸ East, South, Midwest, and West. ⁹ East, South, and Midwest. ¹⁰ Regional packs not reported. ¹¹ Excludes breaded, battered, and extruded onion rings.

ERS, Specialty Crops Branch, (202) 694-5253. Data from American Frozen Food Institute.

Table 4-69.—Vegetables, freezing: Per capita utilization consumption (farm weight basis), United States, 1988-97

Year	Leafy, green, and yellow vegetables				
	Asparagus	Snap beans	Carrots	Peas	Broccoli
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1988	0.1	1.7	2.3	1.9	2.4
1989	0.1	2.0	2.5	2.0	2.2
1990	0.1	1.9	2.3	2.2	2.2
1991	0.1	1.8	2.4	2.3	2.3
1992	0.1	1.7	2.3	2.0	2.4
1993	0.1	1.8	2.8	1.9	2.3
1994	0.1	2.0	2.8	2.2	2.3
1995	0.1	1.7	2.6	2.1	2.6
1996	0.1	1.9	2.9	1.9	2.6
1997 ¹	0.1	1.8	2.6	2.0	2.3

Year	Cauliflower	Sweet Corn	Other ²	Total vegeta- bles excluding potatoes	Potato products	Grand total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1988	0.9	8.7	2.9	20.9	43.3	64.2
1989	0.8	8.4	2.8	20.8	46.8	67.6
1990	0.8	8.6	2.2	20.3	46.5	66.8
1991	0.6	9.4	2.6	21.5	51.2	72.7
1992	0.7	9.0	2.4	20.6	50.2	70.8
1993	0.7	9.8	2.8	22.2	52.9	75.1
1994	0.6	9.2	2.9	22.1	57.4	79.5
1995	0.6	10.5	2.8	23.0	56.9	79.9
1996	0.5	10.5	3.1	23.5	60.4	83.9
1997 ¹	0.4	10.4	2.9	22.5	60.2	82.7

¹ Preliminary. ² Includes green lima beans, spinach, and miscellaneous freezing vegetables. ERS, Specialty Crops Branch, (202) 694-5253.

Table 4-70.—Commercially produced vegetables: Per capita utilization, United States, 1988-97¹

Year	Farm weight equivalent					Percentage of annual total			
	Total fresh and processed	Fresh ²	Processed ³			Fresh	Processed		
			Total	Canning	Freezing		Total	Canning	Freezing
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1988	247.7	135.5	112.2	91.3	20.9	54.7	45.3	36.9	8.4
1989	262.1	142.6	119.5	98.7	20.8	54.4	45.6	37.7	7.9
1990	266.0	138.5	127.5	107.2	20.3	52.1	47.9	40.3	7.6
1991	265.5	134.3	131.2	109.7	21.5	50.6	49.4	41.3	8.1
1992	270.3	141.6	128.7	108.1	20.6	52.4	47.6	40.0	7.6
1993	272.6	141.7	130.9	108.7	22.2	52.0	48.0	39.9	8.1
1994	272.2	146.2	126.0	103.9	22.1	53.7	46.3	38.2	8.1
1995	275.6	146.2	129.4	106.4	23.0	53.0	47.0	38.6	8.4
1996	283.5	155.2	128.3	104.8	23.5	54.7	45.3	37.0	8.3
1997	286.3	161.3	125.0	102.5	22.5	56.3	43.7	35.8	7.9

¹ Excludes potatoes, sweet potatoes, pulses, dehydrating onions, and mushrooms. ² See table 4-64 for items included. Includes melons. ³ See table 4-65 for items included. ERS, Market and Trade Economics Division, Specialty Crops Branch, (202)694-5253.

Table 4-71.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1997 and 1998

Month	Asparagus		Green beans, regular cut		Green beans, French cut		Green beans, total	
	1997	1998	1997	1998	1997	1998	1997	1998
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	7,431	5,692	138,782	179,474	39,854	31,659	178,636	211,133
February	6,538	5,359	114,179	140,751	33,824	31,890	148,003	172,641
March	6,522	4,412	100,703	115,761	27,817	26,586	128,520	142,347
April	6,518	4,432	87,688	102,523	24,967	21,925	112,655	124,448
May	8,234	10,201	72,652	83,897	21,711	20,012	94,363	103,909
June	12,276	11,766	65,454	72,493	19,454	18,773	84,908	91,266
July	11,765	11,154	126,000	133,939	30,250	33,017	156,250	166,956
August	10,145	9,957	233,167	208,884	40,777	44,667	273,944	253,551
September ..	9,078	8,630	252,742	234,523	43,847	51,520	296,589	286,043
October	8,442	7,668	243,742	228,099	39,755	48,408	283,497	276,507
November ...	7,890	6,319	217,985	202,372	37,821	45,728	255,806	248,100
December ...	6,908	6,162	197,000	172,372	33,652	41,028	230,661	213,400

Month	Broccoli spears		Broccoli, chopped & cut		Broccoli, total		Brussels sprouts	
	1997	1998	1997	1998	1997	1998	1997	1998
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	19,650	23,527	85,289	91,980	104,939	115,507	18,683	17,418
February	21,018	27,949	78,241	92,864	99,259	120,813	16,899	14,975
March	23,411	27,313	78,591	87,159	102,002	114,472	14,075	13,481
April	27,006	25,881	95,424	86,550	122,430	112,431	11,876	9,926
May	20,737	23,974	91,399	91,704	112,136	115,678	9,056	8,664
June	20,283	23,296	88,132	84,374	108,415	107,670	7,975	7,485
July	21,357	22,890	97,610	87,638	118,967	110,528	8,042	6,130
August	19,196	21,730	99,845	85,192	119,041	106,922	9,029	4,562
September ..	18,453	19,444	96,490	84,463	114,943	103,907	11,033	3,702
October	17,941	19,959	88,102	80,138	106,043	100,097	15,381	7,150
November ...	17,778	22,391	93,874	84,492	111,652	106,883	17,489	12,935
December ...	20,519	24,442	91,792	89,310	112,311	113,752	19,926	18,745

Month	Fordhook lima beans		Baby lima beans		Mixed vegetables		Okra	
	1997	1998	1997	1998	1997	1998	1997	1998
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	14,282	15,327	38,775	49,950	53,380	47,856	26,616	46,051
February	12,753	13,916	39,520	42,980	53,488	48,530	25,475	42,422
March	11,677	12,560	30,056	40,949	50,116	48,493	21,321	33,457
April	11,050	11,498	24,459	36,632	53,511	51,951	16,499	26,410
May	9,948	10,886	21,732	32,177	48,365	55,943	12,992	29,954
June	9,486	9,520	18,564	28,139	50,803	49,375	18,711	58,463
July	8,432	7,572	14,717	24,652	51,239	52,960	43,328	71,015
August	19,280	13,373	23,880	31,074	48,761	47,541	51,055	70,342
September ..	22,948	19,359	51,864	57,091	53,411	47,287	59,303	67,623
October	19,601	19,290	59,988	77,469	49,672	49,682	62,294	64,033
November ...	18,251	16,727	68,186	76,347	49,458	45,778	58,562	55,588
December ...	17,231	12,049	54,990	63,420	45,744	53,020	52,230	46,567

Month	Carrots, diced		Carrots, other		Carrots, total		Cauliflower	
	1997	1998	1997	1998	1997	1998	1997	1998
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	78,506	74,958	167,177	197,572	245,683	272,530	54,140	63,652
February	75,896	60,074	158,144	183,418	234,040	243,492	50,528	61,256
March	76,584	56,576	141,415	166,742	217,999	223,318	46,519	56,572
April	68,284	53,771	133,345	145,766	201,629	199,537	40,806	46,885
May	53,289	49,173	114,488	136,029	167,777	185,202	34,969	43,829
June	49,245	38,257	112,925	123,306	162,170	161,563	32,785	36,859
July	41,687	28,769	108,177	120,687	149,864	149,456	29,454	31,886
August	37,693	26,609	122,091	127,370	159,784	153,979	29,820	31,565
September ..	28,132	27,559	145,117	127,683	173,249	155,242	33,520	31,203
October	51,223	64,772	194,528	179,064	245,751	243,836	37,307	39,952
November ...	84,028	82,443	243,987	196,460	328,015	278,903	46,693	43,110
December ...	80,804	73,555	220,066	183,068	300,870	256,623	58,512	50,298

See end of table.

Table 4-71.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1997 and 1998—Continued

Month	Corn, cut		Corn, cob		Corn, total		Onion rings	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 po unds</i>	<i>1,000 pounds</i>
January	307,573	334,780	257,963	247,305	565,536	582,085	11,058	9,695
February	266,989	278,790	221,735	214,298	488,724	493,088	11,285	10,463
March	213,951	229,473	201,205	188,410	415,156	417,883	10,237	12,840
April	172,666	193,786	161,205	165,354	333,871	359,140	7,635	11,816
May	136,005	163,207	128,531	128,936	264,536	292,143	8,080	11,667
June	100,766	130,729	102,961	98,036	203,727	228,765	8,499	11,419
July	85,924	154,057	78,770	90,751	164,694	244,808	12,242	11,845
August	261,226	306,205	175,508	167,416	436,734	473,621	8,999	13,182
September ..	425,241	484,877	298,635	332,208	723,876	817,085	9,176	15,972
October	468,974	502,563	329,969	326,682	798,943	829,245	10,285	17,477
November ...	437,505	452,746	309,459	296,191	746,964	748,937	10,807	17,544
December ...	403,578	403,737	274,261	269,578	677,839	673,315	11,031	15,752

Month	Onions, other		Blackeye peas		Green peas		Peas & carrots mixed	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	29,255	28,724	7,013	9,054	174,706	190,227	5,973	5,859
February	32,227	27,710	6,861	9,281	144,706	163,000	5,714	7,087
March	31,811	24,428	5,809	7,963	111,692	132,726	5,706	6,003
April	29,693	23,443	4,740	7,840	95,440	109,885	6,559	6,514
May	28,061	22,787	3,426	7,175	73,375	96,482	5,534	7,102
June	29,314	22,179	2,952	6,654	137,612	230,233	6,840	7,154
July	28,520	21,468	3,948	6,069	300,102	379,957	7,751	7,400
August	27,336	18,755	4,450	8,786	321,298	406,024	6,043	7,456
September ..	26,908	24,553	8,185	9,629	339,697	387,101	8,467	7,775
October	29,831	27,070	10,920	9,511	306,008	341,715	7,717	9,001
November ...	30,513	25,965	12,085	9,106	249,048	309,940	6,836	8,340
December ...	31,187	24,596	9,344	8,039	219,533	277,858	5,760	10,285

Month	Spinach		Squash		Southern greens		Other vegetables	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	40,335	68,450	50,922	70,645	27,277	26,547	292,240	242,399
February	34,646	64,007	45,406	65,599	30,252	27,659	263,188	241,211
March	50,695	69,470	40,881	61,541	19,107	29,322	233,540	249,623
April	76,390	91,197	38,157	60,918	15,847	28,392	252,130	245,221
May	98,832	100,620	40,710	58,688	20,179	28,878	249,707	233,657
June	104,073	98,813	48,184	64,966	16,681	30,184	253,158	251,391
July	96,053	90,864	65,058	68,411	19,103	27,975	240,182	267,904
August	84,538	74,491	80,177	78,207	16,264	22,745	258,413	293,211
September ..	73,752	63,463	75,904	72,794	13,600	17,932	284,636	297,576
October	75,554	69,712	78,625	80,634	15,629	19,606	287,770	297,805
November ...	75,454	68,013	79,117	75,914	18,665	28,255	304,631	304,447
December ...	67,092	69,232	75,397	70,272	20,771	32,765	285,670	301,595

Month	Total vegetables		French fries		Other frozen potatoes		Total frozen potatoes	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	1,946,880	2,078,801	920,427	948,225	191,112	198,990	1,111,539	1,147,215
February	1,749,512	1,875,489	968,552	1,018,665	211,592	217,058	1,180,144	1,235,723
March	1,553,441	1,701,860	970,952	1,039,292	206,153	238,992	1,177,105	1,278,284
April	1,461,895	1,568,516	979,237	970,306	216,599	254,786	1,195,836	1,225,092
May	1,312,012	1,455,642	973,498	1,012,022	239,800	270,801	1,213,298	1,282,823
June	1,317,133	1,513,864	1,021,910	1,036,189	249,462	280,261	1,271,372	1,316,450
July	1,529,711	1,759,010	985,027	967,452	229,273	267,268	1,214,300	1,234,720
August	1,988,991	2,119,344	906,393	938,463	224,388	265,998	1,130,781	1,204,461
September ..	2,390,139	2,493,967	1,044,818	1,010,381	225,138	256,463	1,269,956	1,266,844
October	2,509,258	2,587,460	1,124,383	1,076,256	230,320	264,713	1,354,703	1,340,969
November ...	2,496,122	2,487,151	1,095,156	1,030,985	218,311	259,495	1,313,467	1,290,480
December ...	2,303,007	2,317,745	973,954	897,256	189,593	254,038	1,163,547	1,151,294

NASS, Livestock and Economics Branch, (202) 720-0585.

Table 4-72.—Watermelon for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AL	9,000	5,000	5,300	846	425	370	4.00	6.10	7.20
AZ	7,300	7,200	7,300	2,154	2,232	2,190	7.20	7.80	8.00
AR	2,600	2,700	2,200	286	405	319	6.00	5.00	6.50
CA	17,100	17,000	16,900	7,524	7,820	6,760	10.50	10.90	12.30
DE	2,400	2,300	2,100	840	874	798	5.20	5.20	8.50
FL	34,000	30,000	32,000	7,140	7,500	7,200	7.00	7.30	8.35
GA	30,000	25,000	23,000	6,750	5,250	5,060	4.00	5.50	5.00
IN	7,200	6,600	6,200	2,088	1,914	1,829	4.60	5.90	7.10
LA	2,300	2,100	2,000	460	294	220	5.10	7.00	6.20
MD	2,600	2,800	2,800	416	840	596	9.00	8.00	8.00
MS	5,400	4,000	4,000	486	240	244	4.70	6.10	6.26
MO	5,600	4,700	4,900	1,400	1,128	1,152	3.20	4.90	5.30
NC	9,500	8,500	9,000	1,378	1,275	1,440	4.50	5.50	5.70
OK	10,000	8,000	7,500	940	800	705	5.90	6.50	7.20
SC	9,500	9,200	8,800	1,045	1,380	1,320	4.00	6.50	6.00
TX	44,000	43,400	38,400	8,800	7,378	6,528	5.50	7.92	5.46
Total	198,500	178,500	172,400	42,553	39,755	36,731	6.28	7.60	7.66
HI	760	800	790	171	168	158	16.50	18.00	21.00
US	199,260	179,300	173,190	42,724	39,923	36,889	6.32	7.64	7.71

¹ Preliminary.

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