

United States International Trade Commission

Monitoring of U.S. Imports of Peppers

Investigation No. 332-351
USITC Publication 3739
November 2004



U.S. International Trade Commission

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Preface

Section 316 of the North American Free-Trade Agreement Implementation Act (NAFTA Implementation Act), Public Law 103-182, requires the U.S. International Trade Commission (Commission) to monitor U.S. imports of "fresh or chilled tomatoes" and "fresh or chilled peppers, other than chili peppers," until January 1, 2009. In response, the Commission instituted investigation No. 332-350, Monitoring of U.S. Imports of Tomatoes, and investigation No. 332-351, Monitoring of U.S. Imports of Peppers, under section 332(g) of the Tariff Act of 1930 (19 U.S.C. 1332(g)).

This report on the Commission's monitoring investigation covers peppers for fresh-market use and for processing. The purpose of this monitoring, as expressed in the NAFTA Implementation Act, is to permit the Commission to conduct an expedited investigation and, if appropriate, recommend to the President provisional relief should a petition for relief be filed under section 202 of the Trade Act of 1974 with respect to imports from all countries, or a petition requesting such relief be filed under section 302 of the NAFTA Implementation Act with respect to imports from Canada or Mexico. Generally, such provisional relief would remain in effect pending completion of the investigation by the Commission and the taking of final action by the President.

This report contains statistical information gathered by the Commission on the U.S. pepper industry in the course of its monitoring. This information includes (1) consumption and trade data (including U.S. imports and U.S. exports) and (2) other industry data (including U.S. production quantity, value, unit value, and harvested area; U.S. cost-of-production estimates; shipments; quantities available at major shipping points; and average U.S. shipping-point prices). The information presented in this report on the U.S. pepper industry was obtained from a number of sources, including the U.S. Department of Agriculture, the U.S. Department of Commerce, and various State agencies. This report principally reports 1999-2003 data and partial-year data for 2003 and 2004.¹

¹ Nothing in this report should be construed to indicate how the Commission would find in an investigation conducted under other statutory authority covering the same or similar subject matter.

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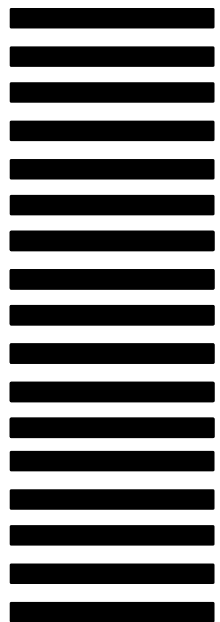
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Highlights

The following are highlights of the statistical data collected on peppers for fresh-market use and for processing for the 1999/2003 period, with particular emphasis on 2002 and 2003.

Fresh-market Peppers

- Apparent U.S. consumption of fresh-market peppers has risen irregularly in recent years, with U.S. production trending upward but with imports rising at a faster rate and accounting for a greater share of consumption. U.S. exports remain small relative to production and imports. The principal markets for U.S. fresh-pepper exports, along with the principal sources for U.S. imports, remain the same namely Canada and Mexico. Nogales, AZ continues as the primary entry point for peppers from Mexico, with the bulk of such shipments entered during the Florida growing season. California and Florida are the primary domestic sources for fresh-market peppers. Average prices for green peppers from Florida remained strong from November 2003 through January 2004.
- Apparent U.S. consumption of fresh-market peppers amounted to 901,134 metric tons in 2003, a 3-percent increase from 875,630 metric tons in 2002 and up by 7 percent from 846,046 metric tons in 1999 (table 1). Consumption was valued at \$750.9 million in 2003, up by 10 percent from \$680.1 million in 2002 and by 16 percent as compared with \$646.5 million in 1999. In 2003, the ratio of import volume to consumption was 27 percent, slightly lower than in the previous year. The ratio of import value to consumption value increased to 45 percent in 2003, up from 43 percent in 2002.
- U.S. production of fresh-market peppers rose by 3 percent from an estimated 706,153 metric tons (\$462.9 million) in 2002 to 727,518 metric tons (\$491.5 million) in 2003 (table 1). Unit values of production rose by 5 percent from \$0.65 per kilogram in 2002 to \$0.68 per kilogram in 2003. California and Florida were the leading states in production during the 1999-2003 period, accounting for 45 percent and 35 percent, respectively, of total U.S. production value of fresh peppers in 2003 (table 10). U.S. harvested area for peppers amounted to 54,600 acres in 2003, up slightly from harvested acreage in 2002. Much of the increase in harvested area from 2002 to 2003 was accounted for by a rise in harvested acreage in California. The acreage harvested in Florida, New Jersey, and North Carolina decreased in 2003 relative to the in respective acreage harvested in 2002.
- U.S. exports of fresh-market peppers were down slightly from 73,181 metric tons in 2002 to 72,084 metric tons in 2003 (table 1). The value of U.S. exports rose steadily during the 1999-2003 period and was up significantly from \$73.4 million in 2002 to \$79.2 million in 2003. Canada has been the leading foreign market for U.S. fresh-market pepper exports in recent years, accounting for 93 percent by volume and by value of U.S. exports in 2003 (table 3). Other markets in recent years included Mexico, the Netherlands, and Japan. U.S. export volume was up by 4 percent during January-June 2004 as compared with the same months in 2003. Export value was up by 9 percent in January-June 2004 as compared with that in January-June 2003, with some of this rise due to exports of higher-priced, colored peppers.

- U.S. imports of fresh-market peppers increased slightly from 242,658 metric tons in 2002 to 245,700 metric tons in 2003 (table 4). U.S. import volume was up negligibly during January-June 2004 as compared with imports during January-June 2003. Mexico accounted for 67 percent by volume of total imports of fresh-market peppers in 2003. Other important foreign suppliers in 2003 included Canada, the Netherlands, and Israel. U.S. imports from Israel, although accounting for a small share of total imports in recent years, were up by 55 percent in volume from 2002 to 2003. The bulk of imports from most major suppliers except Mexico are believed to be high-value, greenhouse-grown peppers with average unit values two- to three-times the unit value of imports from Mexico, which are largely lower-cost, field-grown peppers.
- U.S. imports of fresh-market peppers from Mexico, entered on a July-June crop-year basis, amounted to 169,671 metric tons in July 2003-June 2004, a 3-percent rise from 164,533 metric tons in July 2002-June 2003 (table 5). During the 2001/02 to 2003/04 crop-years, the bulk of U.S. fresh-market pepper imports from Mexico entered through the Nogales, AZ, Customs District, principally during December through the following May, coinciding with the peak pepper production period in Florida. Imports from Mexico during December 2003-May 2004 increased by 4 percent in volume from the level in the corresponding months of 2002/03. During recent crop-years, imports from Canada and the European Union were greatest during those months (June-October) when Florida production was normally low (tables 6-8), but when domestic production in California and other states is usually high. Imports of fresh-market peppers from Canada during July 2003-June 2004 were down by 16 percent in volume over the July 2002-June 2003 level. U.S. imports from the Netherlands were up by 25 percent in volume from July 2002-June 2003 to July 2003-June 2004.

Processed Peppers

- U.S. production of processed (i.e., frozen) peppers was up by 18 percent from an estimated 21,544 metric tons in 2002 to 25,356 metric tons in 2003 (table 2). The value of production in 2003 was an estimated \$49.4 million. U.S. imports of processed peppers rose negligibly from 20,210 metric tons in 2002 to 20,287 metric tons in 2003 (table 2). Imports amounted to 8,704 metric tons in January-June 2004, a 5-percent decrease as compared with imports entered during the corresponding January-June 2003 period (table 9). Throughout the 1999-2003 period, Spain was the primary supplier, accounting for 56 percent by volume of U.S. imports in 2003. Turkey and Chile were other important suppliers in recent years.

CONSUMPTION

Table 1

Fresh-market peppers: U.S. production, exports of domestic merchandise, imports for consumption, apparent consumption, and ratio of imports to consumption, 1999-2003

Year	Production ¹	Exports ²	Imports ³	Apparent consumption	Ratio of imports to consumption
	<i>Quantity (1,000 kilograms)</i>				<i>Percentage</i>
1999	705,881	66,308	206,473	846,046	24
2000	764,803	71,478	198,187	891,512	22
2001	728,561	73,355	210,114	865,320	24
2002	706,153	73,181	242,658	875,630	28
2003	727,518	72,084	245,700	901,134	27
	<i>Value (1,000 dollars)</i>				
1999	483,807	59,113	221,763	646,457	34
2000	527,452	67,613	253,391	713,230	36
2001	458,750	72,690	328,497	714,557	46
2002	462,921	73,431	290,589	680,079	43
2003	491,459	79,241	338,730	750,948	45
	<i>Unit value (dollars per kilogram)⁴</i>				
1999	0.69	0.89	1.07	0.76	(⁵)
2000 .....	.69	.95	1.28	.80	(⁵)
2001 .....	.63	.99	1.56	.83	(⁵)
2002 .....	.65	1.02	1.20	.78	(⁵)
2003 .....	.68	1.10	1.38	.84	(⁵)

¹ Data are for bell peppers intended for fresh-market use and for processing, and are converted from pounds to kilograms using a factor of 2.20462 pounds per kilogram. Data are not reported separately for each end use.

² Data are for fresh or chilled peppers (Schedule B No. 0709.60.0000) on a fresh-weight basis.

³ Data are for fresh or chilled peppers, other than chili peppers (*Harmonized Tariff Schedule (HTS)* subheadings 0709.60.0040, 0709.60.4000, 0709.60.4010, and 0709.60.4090) on a fresh-weight basis.

⁴ Calculated by Commission staff.

⁵ Not applicable.

Note.—Production data are revised annually and data for the most recent calendar years may not match data presented in earlier reports.

Note.—Production data are estimated from raw product intended for fresh-market use and for processing, whereas export and import data are shipments of fresh-market peppers actually recorded. Thus, apparent consumption of fresh-market peppers may be somewhat smaller and the ratio of imports to consumption somewhat larger than shown.

Source: Production data estimated by Commission staff from USDA, NASS, *Vegetables*, 2001 Summary: Jan. 2002, Vg 1-2 (02), p. 36; 2002 Summary: Jan. 2003, Vg 1-2 (03), p. 35; and 2003 Summary: Jan. 2004, Vg 1-2 (04), p. 35; exports and imports compiled from official statistics of the U.S. Department of Commerce, except as noted.

Table 2
Processed peppers: U.S. production and imports for consumption, 1999-2003

Year	Production ¹	Imports ²
<i>Quantity (1,000 kilograms)</i>		
1999	24,438	13,621
2000	20,940	16,936
2001	20,735	18,034
2002	21,549	20,210
2003	25,356	20,287
<i>Value (1,000 dollars)</i>		
1999	35,275 ³	17,181
2000	44,477 ³	18,280
2001	37,080 ³	18,774
2002	38,573 ³	20,240
2003	49,444 ³	21,625
<i>Unit value (dollars per kilogram)⁴</i>		
1999	1.44	1.26
2000	2.12	1.08
2001	1.79	1.04
2002	1.79	1.00
2003	1.95	1.07

¹ Production data include frozen peppers and are not directly comparable with other processed (e.g., canned) pepper import data. Quantity data are converted from pounds to kilograms using a factor of 2.20462 pounds per kilogram.

² Data are for prepared or preserved peppers (HTS subheadings 2005.90.5020, 2005.90.5040, and 2005.90.5510) on a processed-weight basis.

³ Estimated by Commission staff.

⁴ Calculated by Commission staff.

Note.—Data on exports of processed peppers are not separately reported.

Source: Production compiled from official statistics of the American Frozen Food Institute, except as noted;

TRADE

Table 3
Fresh-market peppers: U.S. exports of domestic merchandise,¹ by principal markets, 1999-2003,
Jan.-June 2003, and Jan.-June 2004

Market	1999	2000	2001	2002	2003	Jan.-June 2003	Jan.-June 2004
<i>Quantity (1,000 kilograms)</i>							
Canada	64,995	69,741	69,931	69,782	66,767	37,460	37,968
Mexico	871	1,342	2,022	1,499	3,125	1,020	1,753
Netherlands	17	49	150	596	839	545	477
Japan	45	75	742	572	678	226	316
Germany	18	3	33	102	153	42	80
Bahamas	6	1	58	243	160	40	62
Norway	0	0	43	107	88	38	48
United Kingdom	180	105	112	26	45	22	45
All other	176	162	264	254	229	72	145
Total	66,308	71,478	73,355	73,181	72,084	39,465	40,894
<i>Value (1,000 dollars)</i>							
Canada	57,617	65,980	68,708	69,413	73,401	40,034	42,872
Mexico	751	1,091	1,938	1,313	2,764	992	1,714
Netherlands	19	43	201	770	1,216	795	746
Japan	86	107	1,177	797	840	270	456
Germany	55	6	50	127	189	54	99
Bahamas	7	3	55	269	178	44	94
Norway	0	0	83	179	175	72	94
United Kingdom	294	127	93	86	84	50	69
All other	284	256	385	477	394	135	212
Total	59,113	67,613	72,690	73,431	79,241	42,446	46,356
<i>Unit value (dollars per kilogram)²</i>							
Canada	0.89	0.95	0.98	0.99	1.10	1.07	1.13
Mexico .....	.86	.81	.96	.88	.88	.97	.98
Netherlands	1.07	.87	1.34	1.29	1.45	1.46	1.56
Japan	1.94	1.43	1.59	1.39	1.24	1.19	1.14
Germany	3.04	1.92	1.51	1.24	1.24	1.30	1.24
Bahamas	1.08	3.82	.94	1.11	1.11	1.09	1.51
Norway	-	-	1.92	1.66	1.98	1.91	1.97
United Kingdom	1.63	1.21	.84	3.29	1.87	2.26	1.54
All other	1.61	1.58	1.46	1.88	1.72	1.87	1.46
Average .....	.89	.95	.99	1.00	1.10	1.08	1.13

¹ Data are for fresh or chilled peppers, other than chili peppers (Schedule B No. 0709.60.0000) on a fresh-weight basis.

² Calculated by Commission staff.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of the U.S. Department of Commerce, except as noted.

Table 4
Fresh-market peppers: U.S. imports for consumption,¹ by principal sources, 1999-2003, Jan.-June 2003, and Jan.-June 2004

Source	1999	2000	2001	2002	2003	Jan.-June 2003	Jan.-June 2004
<i>Quantity (1,000 kilograms)</i>							
Mexico	156,068	143,097	143,212	164,576	164,741	132,292	137,222
Canada	22,084	26,017	34,223	41,377	42,554	12,935	11,827
Israel	4,069	4,519	6,617	6,557	10,142	5,792	5,657
Dominican Republic	224	569	1,440	1,785	2,004	1,644	1,037
EU:							
Netherlands	19,823	20,143	20,709	23,830	22,864	7,205	6,801
Spain	1,821	2,269	2,801	3,691	2,351	1,622	579
Belgium	158	184	90	267	450	184	125
All other	17	35	88	48	27	0	0
Subtotal	21,819	22,631	23,688	27,836	25,692	9,011	7,505
All other	2,209	1,354	934	527	567	362	259
Total	206,473	198,187	210,114	242,658	245,700	162,036	163,507
<i>Value (1,000 dollars)</i>							
Mexico	122,038	134,773	188,042	132,727	158,147	130,768	179,536
Canada	37,931	49,098	64,424	71,417	78,661	35,612	34,622
Israel	8,891	10,629	14,775	15,638	27,049	14,721	16,743
Dominican Republic	304	706	1,506	1,753	1,706	1,406	751
EU:							
Netherlands	46,011	48,928	50,195	56,844	63,735	22,295	21,505
Spain	4,302	6,322	7,197	10,161	6,891	4,740	1,908
Belgium	365	468	283	623	1,391	698	421
All other	47	67	58	47	27	0	0
Subtotal	50,725	55,785	57,734	67,675	72,044	27,733	23,834
All other	1,874	2,400	2,017	1,379	1,123	742	580
Total	221,763	253,391	328,497	290,589	338,730	210,982	256,066
<i>Unit value (dollars per kilogram)²</i>							
Mexico	0.78	0.94	1.31	0.81	0.96	0.99	1.31
Canada	1.72	1.89	1.88	1.73	1.85	2.75	2.93
Israel	2.19	2.35	2.23	2.38	2.67	2.54	2.96
Dominican Republic	1.36	1.24	1.05	.98	.85	.86	.72
EU:							
Netherlands	2.32	2.43	2.42	2.39	2.79	3.09	3.16
Spain	2.36	2.79	2.57	2.75	2.93	2.92	3.30
Belgium	2.31	2.54	3.14	2.34	3.09	3.79	3.36
All other	2.76	1.91	.66	.98	1.00	-	-
Average	2.32	2.47	2.44	2.43	2.80	3.08	3.18
All other	.85	1.77	2.16	2.62	1.98	2.05	2.24
Average	1.07	1.28	1.56	1.20	1.38	1.30	1.57

¹ Data are for fresh or chilled peppers, other than chili peppers (HTS subheadings 0709.60.0040, 0709.60.4000, 0709.60.4010, and 0709.60.4090) on a fresh-weight basis.

² Calculated by Commission staff.

Note.—Data for the European Union include only the EU-15 countries.

Note.—Because of rounding, figures may not add to the totals shown.

Note.—Sudden drops in unit values of some suppliers are believed to result from the entry of different, lower-cost suppliers into the market.

Source: Compiled from official statistics of the U.S. Department of Commerce, except as noted.

Table 5
Fresh-market peppers: U.S. imports for consumption from Mexico,¹ by months and by major Customs Districts of entry, July 2001-June 2004

Period	Nogales	San Diego	Laredo	Detroit	All other	Total
<i>Quantity (1,000 kilograms)</i>						
2001:						
July	15	1,127	0	0	0	1,141
Aug.	0	695	0	0	0	695
Sept.	0	687	0	0	0	687
Oct.	227	941	54	0	0	1,223
Nov.	3,908	4,911	124	0	2	8,945
Dec.	17,590	2,703	158	0	2	20,453
2002:						
Jan.	34,334	2,297	137	3	18	36,789
Feb.	30,032	425	297	19	9	30,781
Mar.	30,769	814	358	29	9	31,980
Apr.	15,766	5,053	47	3	5	20,873
May	5,902	4,530	47	0	11	10,489
June	588	805	27	0	1	1,421
Total	139,131	24,988	1,249	54	57	165,477
2002:						
July	62	388	21	0	0	471
Aug.	0	490	0	0	1	491
Sept.	2	536	17	0	4	559
Oct.	76	1,106	48	0	2	1,232
Nov.	3,422	3,045	74	0	0	6,540
Dec.	18,982	3,559	391	11	4	22,948
2003:						
Jan.	33,316	3,337	490	0	28	37,172
Feb.	31,062	1,824	419	49	16	33,370
Mar.	26,649	1,219	251	25	24	28,168
Apr.	15,449	2,823	184	0	28	18,484
May	7,060	5,364	114	3	33	12,573
June	629	1,753	88	0	55	2,525
Total	136,709	25,444	2,097	88	195	164,533
2003:						
July	55	407	146	0	8	616
Aug.	0	332	5	0	13	350
Sept.	26	386	0	0	18	431
Oct.	210	569	1	0	11	792
Nov.	3,501	3,557	138	0	0	7,196
Dec.	19,516	3,211	325	0	12	23,064
2004:						
Jan.	35,441	2,712	485	4	0	38,642
Feb.	29,485	1,281	449	16	36	31,267
Mar.	28,984	1,434	821	53	24	31,316
Apr.	17,713	2,683	491	45	33	20,964
May	6,366	5,164	381	1	17	11,929
June	1,404	1,482	192	0	26	3,104
Total	142,701	23,218	3,434	119	198	169,671

See footnote at end of table.

Table 5—Continued

Fresh-market peppers: U.S. imports for consumption from Mexico,¹ by months and by major Customs Districts of entry, July 2001-June 2004

Period	Nogales	San Diego	Laredo	Detroit	All other	Total
Value (1,000 dollars)						
2001:						
July	70	1,507	0	0	0	1,577
Aug.	0	814	0	0	0	814
Sept.	0	646	0	0	0	646
Oct.	197	678	101	0	0	976
Nov.	2,994	3,115	166	0	2	6,277
Dec.	12,002	2,205	241	0	7	14,456
2002:						
Jan.	27,039	1,598	164	8	40	28,849
Feb.	21,520	529	280	53	20	22,402
Mar.	25,533	965	244	98	34	26,874
Apr.	12,454	3,034	35	8	14	15,545
May	5,223	3,373	21	0	20	8,636
June	767	1,047	12	0	3	1,828
Total	107,799	19,511	1,264	167	140	128,880
2002:						
July	105	473	12	0	0	590
Aug.	0	706	0	0	5	711
Sept.	4	949	7	0	12	973
Oct.	80	1,698	95	0	5	1,878
Nov.	2,526	2,056	77	0	0	4,660
Dec.	16,865	2,435	439	29	14	19,782
2003:						
Jan.	38,256	1,834	560	0	75	40,725
Feb.	31,122	1,208	430	144	33	32,937
Mar.	26,333	880	404	81	60	27,759
Apr.	14,217	1,314	264	0	47	15,843
May	8,704	2,220	194	13	55	11,186
June	833	1,354	58	0	73	2,317
Total	139,045	17,127	2,540	267	379	159,361
2003:						
July	59	380	88	0	16	544
Aug.	0	252	2	0	21	275
Sept.	24	200	0	0	18	242
Oct.	171	282	7	0	25	485
Nov.	3,527	1,836	178	0	0	5,542
Dec.	17,744	2,187	343	0	17	20,291
2004:						
Jan.	43,664	1,883	374	17	0	45,938
Feb.	36,381	1,189	482	57	60	38,169
Mar.	48,483	1,352	1,281	186	55	51,357
Apr.	27,238	1,659	816	164	60	29,938
May	8,125	2,382	790	4	35	11,336
June	1,496	983	263	0	56	2,798
Total	186,912	14,585	4,624	428	363	206,915

¹ Data are for fresh or chilled peppers, other than chili peppers (HTS subheadings 0709.60.0040, 0709.60.4000, 0709.60.4010, and 0709.60.4090) on a fresh-weight basis.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 6
Fresh-market peppers: U.S. imports for consumption from Canada,¹ by months and by major Customs Districts of entry, July 2001-June 2004

Period	Detroit	Seattle	Buffalo	Ogdensburg	All other	Total
<i>Quantity (1,000 kilograms)</i>						
2001:						
July	1,164	1,716	323	48	161	3,412
Aug.	1,626	2,080	2,126	591	89	6,513
Sept.	1,842	1,393	2,030	2,694	163	8,122
Oct.	1,117	1,335	1,374	594	20	4,440
Nov.	770	814	184	3	32	1,802
Dec.	212	71	89	0	0	372
2002:						
Jan.	19	0	0	0	0	19
Feb.	39	0	2	8	0	50
Mar.	226	34	79	10	9	358
Apr.	1,594	655	461	49	22	2,780
May	1,797	910	440	43	119	3,310
June	2,202	990	739	57	196	4,184
Total	12,608	9,998	7,847	4,097	811	35,362
2002:						
July	1,765	1,007	592	113	114	3,591
Aug.	2,989	1,115	2,239	1,019	140	7,502
Sept.	2,941	928	2,985	3,497	130	10,481
Oct.	2,264	881	2,432	977	45	6,599
Nov.	1,477	426	235	35	24	2,196
Dec.	233	34	15	13	11	306
2003:						
Jan.	51	0	2	0	0	53
Feb.	44	0	2	0	0	46
Mar.	524	182	178	0	23	907
Apr.	2,135	1,227	512	45	114	4,033
May	1,618	1,097	440	15	32	3,201
June	2,343	1,611	621	15	106	4,695
Total	18,384	8,508	10,253	5,729	739	43,610
2003:						
July	1,707	1,317	497	13	64	3,598
Aug.	2,454	1,386	2,062	1,054	91	7,047
Sept.	2,599	965	3,984	3,285	76	10,909
Oct.	1,452	668	3,785	473	1	6,379
Nov.	961	213	239	0	3	1,416
Dec.	206	33	27	0	3	270
2004:						
Jan.	71	0	0	0	0	71
Feb.	44	0	1	0	0	45
Mar.	698	123	210	0	2	1,033
Apr.	1,312	821	506	0	13	2,652
May	1,939	1,415	404	5	18	3,782
June	2,045	1,642	544	0	14	4,246
Total	15,488	8,583	12,259	4,830	285	41,448

See footnote at end of table.

Table 6—Continued

Fresh-market peppers: U.S. imports for consumption from Canada,¹ by months and by major Customs Districts of entry, July 2001-June 2004

Period	Detroit	Seattle	Buffalo	Ogdensburg	All other	Total
Value (1,000 dollars)						
2001:						
July	2,405	3,765	658	99	311	7,238
Aug.	2,773	4,410	1,226	325	183	8,916
Sept.	2,740	2,763	1,114	1,296	236	8,148
Oct.	2,225	3,060	764	297	62	6,408
Nov.	1,980	1,999	407	3	84	4,473
Dec.	729	210	89	0	0	1,028
2002:						
Jan.	60	0	0	0	0	60
Feb.	141	0	8	2	0	151
Mar.	733	104	263	4	34	1,138
Apr.	4,409	1,648	1,278	121	60	7,518
May	4,848	2,357	1,314	103	295	8,918
June	5,336	2,689	1,632	133	283	10,074
Total	28,379	23,005	8,753	2,383	1,548	64,070
2002:						
July	4,242	2,792	1,612	134	304	9,085
Aug.	4,989	2,602	1,536	619	215	9,962
Sept.	4,217	2,135	1,746	1,963	192	10,252
Oct.	3,772	2,106	1,548	523	110	8,059
Nov.	3,657	1,077	545	87	80	5,446
Dec.	589	86	38	9	32	754
2003:						
Jan.	173	0	6	0	0	179
Feb.	124	0	5	0	0	129
Mar.	1,651	480	641	0	72	2,844
Apr.	6,292	2,119	1,574	101	208	10,295
May	4,280	2,769	1,541	34	108	8,732
June	6,643	4,482	1,982	38	290	13,434
Total	40,629	20,648	12,774	3,508	1,611	79,171
2003:						
July	4,565	3,845	1,536	17	174	10,138
Aug.	4,639	3,602	1,806	638	194	10,879
Sept.	4,115	2,463	2,053	1,751	122	10,504
Oct.	2,945	1,392	2,108	281	4	6,731
Nov.	2,923	590	483	0	16	4,013
Dec.	656	77	37	0	16	786
2004:						
Jan.	268	0	0	0	0	268
Feb.	152	0	4	0	0	156
Mar.	2,066	324	861	0	11	3,262
Apr.	4,291	2,507	1,858	0	55	8,711
May	5,154	4,165	1,431	12	78	10,840
June	5,459	4,442	1,433	0	51	11,384
Total	37,233	23,407	13,610	2,699	721	77,672

¹ Data are for fresh or chilled peppers, other than chili peppers (HTS subheadings 0709.60.0040, 0709.60.4000, 0709.60.4010, and 0709.60.4090) on a fresh-weight basis.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 7
Fresh-market peppers: U.S. imports for consumption from the Netherlands,¹ by months and by major Customs Districts of entry, July 2001-June 2004

Period	New York	Boston	Chicago	Los Angeles	Washington	All other	Total
<i>Quantity (1,000 kilograms)</i>							
2001:							
July	1,888	332	197	203	276	852	3,748
Aug.	1,384	296	186	195	257	714	3,032
Sept.	838	155	160	161	172	399	1,885
Oct.	979	173	138	148	156	505	2,099
Nov.	629	188	189	131	212	355	1,704
Dec.	67	37	37	17	29	72	258
2002:							
Jan.	5	0	0	8	0	12	25
Feb.	10	5	0	0	0	7	22
Mar.	98	94	25	35	55	72	380
Apr.	698	185	137	130	290	398	1,838
May	1,697	351	281	303	349	773	3,754
June	1,956	255	208	347	260	666	3,691
Total	10,249	2,071	1,558	1,678	2,056	4,824	22,436
2002:							
July	2,006	410	364	325	242	833	4,180
Aug.	1,284	254	230	306	263	548	2,885
Sept.	976	182	139	221	203	430	2,151
Oct.	703	171	199	293	228	514	2,108
Nov.	811	203	207	274	171	771	2,437
Dec.	94	22	20	27	30	167	360
2003:							
Jan.	22	0	0	0	4	124	150
Feb.	0	5	0	0	0	15	20
Mar.	63	26	9	6	26	21	152
Apr.	511	140	93	141	112	189	1,186
May	1,892	287	247	240	126	811	3,603
June	1,185	139	143	314	68	246	2,094
Total	9,547	1,839	1,651	2,147	1,473	4,670	21,326
2003:							
July	2,537	465	575	485	243	1,168	5,473
Aug.	1,874	258	420	343	147	419	3,461
Sept.	1,327	145	151	331	102	278	2,334
Oct.	1,283	169	118	285	128	290	2,273
Nov.	848	203	201	194	167	362	1,975
Dec.	65	37	6	3	17	18	145
2004:							
Jan.	7	20	0	0	1	11	39
Feb.	19	9	0	2	0	15	44
Mar.	59	12	2	11	6	8	99
Apr.	468	173	188	72	55	141	1,097
May	1,316	285	385	133	109	391	2,620
June	2,092	250	101	245	63	152	2,902
Total	11,895	2,026	2,147	2,104	1,038	3,253	22,462

See footnote at end of table.

Table 7—Continued

Fresh-market peppers: U.S. imports for consumption from the Netherlands,¹ by months and by major Customs Districts of entry, July 2001-June 2004

Period	New York	Boston	Chicago	Los Angeles	Washington	All other	Total
<i>Value (1,000 dollars)</i>							
2001:							
July	2,926	658	394	299	599	1,865	6,740
Aug.	2,474	673	415	384	661	1,654	6,261
Sept.	1,710	422	376	371	506	973	4,357
Oct.	1,967	469	314	311	430	1,237	4,730
Nov.	1,215	554	430	358	654	902	4,115
Dec.	130	114	83	45	94	220	685
2002:							
Jan.	21	0	0	23	0	35	79
Feb.	36	15	0	0	0	22	73
Mar.	266	367	76	111	213	259	1,292
Apr.	1,532	639	340	310	979	1,212	5,012
May	3,447	1,106	631	729	1,162	2,184	9,260
June	3,796	829	472	882	856	1,892	8,726
Total	19,520	5,846	3,531	3,823	6,154	12,455	51,329
2002:							
July	3,890	1,153	760	732	747	2,364	9,645
Aug.	2,258	719	423	653	774	1,452	6,280
Sept.	1,891	544	281	502	623	1,070	4,912
Oct.	1,378	519	423	673	718	1,407	5,117
Nov.	1,512	540	392	562	497	2,030	5,534
Dec.	203	57	38	67	91	457	914
2003:							
Jan.	53	0	0	0	15	406	475
Feb.	0	25	0	0	0	49	74
Mar.	256	121	38	23	149	99	688
Apr.	1,697	512	352	429	527	865	4,382
May	4,770	981	769	688	512	2,607	10,328
June	3,191	444	518	960	302	933	6,348
Total	21,099	5,615	3,994	5,289	4,955	13,739	54,697
2003:							
July	5,814	1,406	1,435	1,134	882	3,480	14,151
Aug.	3,815	745	973	846	506	1,298	8,182
Sept.	3,227	459	451	849	379	988	6,352
Oct.	2,914	513	354	735	439	962	5,918
Nov.	2,445	631	628	529	677	1,435	6,345
Dec.	222	104	20	8	73	64	491
2004:							
Jan.	21	57	0	0	6	45	128
Feb.	31	29	0	8	0	60	128
Mar.	233	50	5	43	36	52	419
Apr.	1,748	629	678	269	276	548	4,148
May	4,055	965	1,216	391	482	1,559	8,667
June	5,587	766	209	608	249	598	8,016
Total	30,112	6,354	5,969	5,420	4,005	11,089	62,945

¹ Data are for fresh or chilled peppers, other than chili peppers (HTS subheadings 0709.60.0040, 0709.60.4000, 0709.60.4010, and 0709.60.4090) on a fresh-weight basis.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 8
Fresh-market peppers: U.S. imports for consumption from the European Union,¹ by months and by major Customs Districts of entry, July 2001 June 2004

Period	New York	Boston	Chicago	Los Angeles	Washington	All other	Total
	Quantity (1,000 kilograms)						
2001:							
July	1,908	332	197	203	276	861	3,777
Aug.	1,406	296	186	195	257	719	3,059
Sept.	928	155	160	163	174	400	1,981
Oct.	993	173	138	148	156	506	2,115
Nov.	661	201	212	135	212	427	1,848
Dec.	381	167	122	64	130	327	1,191
2002:							
Jan.	407	236	159	73	99	224	1,198
Feb.	352	142	29	34	34	171	762
Mar.	232	151	48	37	62	212	741
Apr.	700	185	137	131	290	412	1,856
May	1,697	351	281	304	350	803	3,787
June	1,959	256	208	347	273	684	3,728
Total	11,624	2,645	1,877	1,834	2,313	5,746	26,043
2002:							
July	2,047	410	366	325	242	839	4,229
Aug.	1,287	254	230	306	264	552	2,893
Sept.	1,024	185	139	221	203	433	2,205
Oct.	714	181	207	293	228	517	2,140
Nov.	822	204	222	274	172	793	2,489
Dec.	551	267	205	67	63	656	1,809
2003:							
Jan.	494	196	92	15	42	408	1,247
Feb.	219	121	29	0	20	116	505
Mar.	93	41	24	6	26	34	223
Apr.	511	161	93	141	112	203	1,222
May	1,919	305	247	240	126	828	3,665
June	1,196	167	153	314	68	250	2,148
Total	10,877	2,492	2,007	2,202	1,566	5,629	24,775
2003:							
July	2,576	518	577	490	244	1,201	5,605
Aug.	1,882	280	431	343	147	441	3,524
Sept.	1,327	151	151	331	102	285	2,347
Oct.	1,296	189	118	286	129	308	2,325
Nov.	855	214	201	194	169	372	2,004
Dec.	351	136	144	3	31	213	876
2004:							
Jan.	129	80	90	0	18	70	387
Feb.	146	39	25	2	3	39	255
Mar.	63	16	15	11	6	11	122
Apr.	473	185	188	73	55	146	1,120
May	1,324	301	385	139	109	401	2,660
June	2,129	263	101	249	64	156	2,962
Total	12,551	2,372	2,426	2,121	1,077	3,643	24,187

See footnote at end of table.

Table 8—Continued

Fresh-market peppers: U.S. imports for consumption from the European Union,¹ by months and by major Customs Districts of entry, July 2001-June 2004

Period	New York	Boston	Chicago	Los Angeles	Washington	All other	Total
Value (1,000 dollars)							
2001:							
July	2,948	658	394	299	599	1,886	6,783
Aug.	2,501	673	415	384	661	1,666	6,301
Sept.	1,774	422	376	374	511	975	4,432
Oct.	1,996	469	314	311	433	1,243	4,766
Nov.	1,246	559	464	363	654	1,008	4,294
Dec.	850	537	325	190	428	1,027	3,357
2002:							
Jan.	1,013	727	367	205	317	592	3,221
Feb.	782	480	81	104	113	555	2,115
Mar.	616	543	155	113	241	655	2,323
Apr.	1,534	639	340	314	979	1,239	5,044
May	3,447	1,106	631	731	1,167	2,240	9,322
June	3,811	833	472	882	900	1,939	8,836
Total	22,518	7,646	4,334	4,270	7,003	15,025	60,794
2002:							
July	3,974	1,153	764	732	747	2,375	9,745
Aug.	2,268	719	423	653	777	1,462	6,302
Sept.	1,986	557	281	502	623	1,075	5,024
Oct.	1,406	551	442	673	718	1,417	5,207
Nov.	1,522	545	421	562	502	2,074	5,626
Dec.	1,257	889	502	154	210	1,899	4,910
2003:							
Jan.	1,138	675	267	34	144	1,307	3,564
Feb.	579	447	107	0	72	369	1,573
Mar.	346	191	111	23	149	153	974
Apr.	1,697	619	352	429	527	911	4,535
May	4,827	1,059	769	688	512	2,663	10,519
June	3,227	569	568	960	302	942	6,568
Total	24,227	7,974	5,007	5,410	5,283	16,645	64,547
2003:							
July	5,894	1,569	1,438	1,144	885	3,550	14,480
Aug.	3,828	810	983	846	506	1,352	8,325
Sept.	3,227	479	451	849	379	996	6,381
Oct.	2,940	576	354	738	443	978	6,030
Nov.	2,456	671	628	529	687	1,469	6,439
Dec.	926	501	490	8	126	604	2,655
2004:							
Jan.	398	305	204	0	78	231	1,217
Feb.	402	161	96	8	14	156	837
Mar.	242	73	83	43	36	61	537
Apr.	1,763	682	678	271	276	560	4,229
May	4,087	1,031	1,216	407	482	1,580	8,804
June	5,700	826	209	616	255	605	8,210
Total	31,863	7,684	6,830	5,459	4,167	12,142	68,144

¹ Data are for fresh or chilled peppers, other than chili peppers (HTS subheadings 0709.60.0040, 0709.60.4000, 0709.60.4010, and 0709.60.4090) on a fresh-weight basis.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 9
Processed peppers: U.S. imports for consumption,¹ by principal sources, 1999-2003, Jan.-June 2003, and Jan.-June 2004

Source	1999	2000	2001	2002	2003	Jan.-June 2002	Jan.-June 2003
<i>Quantity (1,000 kilograms)</i>							
Turkey	800	1,239	1,352	2,078	3,633	1,575	2,081
Chile	0	204	482	1,579	3,354	932	975
South Africa	0	0	7	144	273	114	158
Mexico	1,031	2,017	711	279	293	162	132
Peru	14	56	31	73	67	34	127
EU:							
Spain	10,563	11,497	14,098	15,057	11,333	5,815	4,482
Greece	1,034	1,198	974	775	998	372	495
Italy	72	40	39	86	79	36	33
United Kingdom	3	0	2	1	3	3	(²)
All other	4	11	6	0	0	0	18
Subtotal	11,676	12,746	15,118	15,920	12,414	6,226	5,028
All other	100	674	333	137	255	103	203
Total	13,621	16,936	18,034	20,210	20,287	9,146	8,704
<i>Value (1,000 dollars)</i>							
Turkey	640	1,034	1,098	1,686	3,206	1,372	1,915
Chile	0	173	376	1,193	2,388	678	738
South Africa	0	0	20	305	478	189	305
Mexico	1,428	2,855	920	257	282	161	104
Peru	28	111	76	138	151	84	210
EU:							
Spain	12,755	11,680	14,319	14,868	12,921	5,974	6,149
Greece	1,982	1,849	1,443	1,376	1,602	620	681
Italy	175	96	84	220	251	87	74
United Kingdom	8	0	14	8	25	20	3
All other	8	23	6	0	0	0	22
Subtotal	14,928	13,648	15,866	16,472	14,799	6,700	6,929
All other	157	459	418	189	318	139	262
Total	17,181	18,280	18,774	20,240	21,625	9,324	10,463
<i>Unit value (dollars per kilogram)³</i>							
Turkey	0.80	0.83	0.81	0.81	0.88	0.87	0.92
Chile	-	.85	.78	.76	.71	.73	.76
South Africa	-	-	2.81	2.12	1.75	1.66	1.93
Mexico	1.38	1.42	1.29	.92	.96	1.00	.79
Peru	2.01	1.98	2.46	1.89	2.24	2.49	1.65
EU:							
Spain	1.21	1.02	1.01	.99	1.14	1.03	1.37
Greece	1.92	1.54	1.48	1.77	1.61	1.67	1.37
Italy	2.43	2.37	2.18	2.55	3.16	2.44	2.23
United Kingdom	2.97	-	7.08	7.08	7.22	7.20	7.22
All other	1.92	2.12	1.15	-	-	-	1.30
Average	1.28	1.07	1.05	1.03	1.19	1.08	1.38
All other	1.57	.68	1.26	1.38	1.25	1.36	1.29
Average	1.26	1.08	1.04	1.00	1.07	1.02	1.20

¹ Data are for prepared or preserved peppers (HTS subheadings 2005.90.5020, 2005.90.5040, and 2005.90.5510) on a processed-weight basis.

² Less than 500 kilograms.

³ Calculated by Commission staff using unrounded numbers.

Note.—Data for the European Union include only the EU-15 countries.

Note.—Because of rounding, figures may not add to the totals shown.

Note.—Unit values for peppers from such countries as Canada, Israel, and most EU countries are generally significantly higher than unit values for products from Mexico because they are believed to include field- and greenhouse-grown peppers of different colors.

Note.—Sudden drops in unit values of some suppliers are believed to result from the entry of different, lower-cost suppliers into the market.

Source: Compiled from official statistics of the U.S. Department of Commerce, except as noted.

PRODUCTION AND COSTS

Table 10
Fresh-market peppers: U.S. production quantity, value, and unit value, and harvested area, by selected States, 1999-2003

State	1999	2000	2001	2002	2003
<i>Quantity (1,000 pounds)</i>					
California	742,500	630,000	715,000	703,000	768,800
Florida	564,300	634,800	541,600	525,000	484,400
New Jersey	81,700	108,000	118,400	96,200	88,200
Georgia	(¹)	90,100	42,000	52,000	81,000
Ohio	17,000	39,000	24,600	33,600	59,000
North Carolina	71,300	82,800	78,800	91,000	60,000
Michigan	40,000	46,200	36,400	40,000	45,000
All other	39,400	55,200	49,400	16,000	17,500
Total	1,556,200	1,686,100	1,606,200	1,556,800	1,603,900
<i>Value (1,000 dollars)</i>					
California	220,997	171,788	182,343	200,618	221,122
Florida	205,405	243,763	186,310	180,600	173,900
New Jersey	20,262	29,160	27,824	26,166	25,578
Georgia	(¹)	23,967	11,760	10,400	24,300
Ohio	3,978	10,764	7,232	7,997	15,989
North Carolina	14,617	17,388	16,154	20,020	15,000
Michigan	9,600	10,395	8,008	9,600	9,900
All other	8,948	20,227	19,119	7,520	5,670
Total	483,807	527,452	458,750	462,921	491,459
<i>Unit value (dollars per pound)²</i>					
California	0.30	0.27	0.26	0.29	0.29
Florida	.36	.38	.34	.37	.36
New Jersey	.25	.27	.24	.27	.29
Georgia	-	.27	.28	.20	.30
Ohio	.23	.28	.29	.24	.27
North Carolina	.21	.21	.21	.22	.25
Michigan	.24	.23	.22	.24	.22
All other	.23	.37	.39	.47	.32
Average	.30	.31	.30	.31	.31
<i>Harvested area (acres)</i>					
California	22,500	21,000	22,000	19,000	20,500
Florida	18,500	18,400	15,700	17,500	17,300
New Jersey	3,800	3,600	3,700	3,700	3,600
Georgia	(¹)	5,300	2,100	2,600	2,700
Ohio	1,400	1,900	2,000	1,600	2,000
North Carolina	6,200	6,900	6,300	7,000	6,000
Michigan	2,000	2,100	1,400	1,600	1,800
All other	2,420	3,150	2,820	800	700
Total	56,820	62,350	56,020	53,800	54,600

¹ Nothing reported.

² Calculated by Commission staff.

Note.—Production data are revised annually and figures for the most recent calendar years may not match data presented in earlier reports.

Note.—Data reported here are crop production estimates for bell peppers intended for fresh-market use and for processing, and may vary significantly from actual crop-year shipments.

Source: Compiled from official statistics of the USDA, NASS, as reported in *Vegetables*, 2001 Summary: Jan. 2002, Vg 1-2 (02), p. 36; 2002 Summary: Jan. 2003, Vg 1-2 (03), p. 35; and 2003 Summary: Jan. 2004, Vg 1-2 (04), p. 35, except as noted.

Table 11
Estimated production costs for fresh-market peppers grown in a single-crop system in Palm Beach County, Florida, by average cost per acre, 2001/02 to 2003/04 crop-years

(In dollars)

Items	2001/02	2002/03	2003/04
Preharvest costs:			
Operating costs:			
Transplants	800	800	(¹)
Fertilizer and lime	260	280	(¹)
Fumigant	560	596	(¹)
Other pesticides	679	718	(¹)
Labor	426	426	(¹)
Machinery	330	330	(¹)
Interest	152	156	(¹)
Miscellaneous	991	1,001	(¹)
Subtotal	4,198	4,307	(¹)
Fixed costs:			
Land rent	400	400	(¹)
Machinery	125	125	(¹)
Management	914	935	(¹)
Overhead	1,143	1,169	(¹)
Subtotal	2,582	2,629	(¹)
Total preharvest costs	6,780	6,936	(¹)
Harvest and marketing costs:			
Harvest, pack, and haul	1,760	1,760	(¹)
Containers	1,045	1,045	(¹)
Selling	550	550	(¹)
Subtotal	3,355	3,355	(¹)
Total production costs	10,135	10,291	(¹)

¹ Data for the 2003/04 crop-year are not available until after this report is completed.

Note.—These cost budgets are constructed based on input prices obtained from various industry sources and are believed to reflect typical costs of production for growers in a given production area, but do not necessarily reflect the actual industry average cost of production.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled by Commission staff from *Production Costs for Selected Florida Vegetables*, compiled by Scott A. Smith and Timothy G. Taylor, Food and Resource Economics Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL, found on the internet at <http://www.agbuscenter.ifas.ufl.edu/cost>, retrieved Aug. 23, 2004.

Table 12
Estimated production costs for the initial crop of a double-crop system for fresh-market peppers grown in Palm Beach County, Florida, by average cost per acre, 2001/02 to 2003/04 crop-years

(In dollars)

Items	2001/02	2002/03	2003/04
Preharvest costs:			
Operating costs:			
Transplants	800	800	(¹)
Fertilizer and lime	260	280	(¹)
Fumigant	560	596	(¹)
Other pesticides	679	718	(¹)
Labor	426	426	(¹)
Machinery	330	331	(¹)
Interest	149	153	(¹)
Miscellaneous	911	921	(¹)
Subtotal	4,115	4,225	(¹)
Fixed costs:			
Land rent	400	400	(¹)
Machinery	125	125	(¹)
Management	898	919	(¹)
Overhead	1,123	1,149	(¹)
Subtotal	2,546	2,593	(¹)
Total preharvest costs	6,661	6,820	(¹)
Harvest and marketing costs:			
Harvest, pack, and haul	1,760	1,760	(¹)
Containers	1,045	1,045	(¹)
Selling	550	550	(¹)
Subtotal	3,355	3,355	(¹)
Total production costs	10,016	10,175	(¹)

¹ Data for the 2003/04 crop-year are not available until after this report is completed.

Note.—These cost budgets are constructed based on input prices obtained from various industry sources and are believed to reflect typical costs of production for growers in a given production area, but do not necessarily reflect the actual industry average cost of production.

Note.—Because of rounding, figures may not add to the totals shown.

Note.—A double-crop system is one in which two pepper crops are grown on the same land, one crop right after the other.

Source: Compiled by Commission staff from *Production Costs for Selected Florida Vegetables*, compiled by Scott A. Smith and Timothy G. Taylor, Food and Resource Economics Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL, found on the internet at <http://www.agbuscenter.ifas.ufl.edu/cost>, retrieved Aug. 23, 2004.

Table 13
Estimated production costs for fresh-market peppers grown in Southwest Florida, by average cost per acre, 2001/02 to 2003/04 crop-years

(In dollars)

Items	2001/02	2002/03	2003/04
Preharvest costs:			
Operating costs:			
Transplants	880	900	(1)
Fertilizer and lime	369	369	(1)
Fumigant	530	564	(1)
Other pesticides	713	773	(1)
Labor	430	430	(1)
Machinery	785	797	(1)
Interest	280	230	(1)
Miscellaneous	596	601	(1)
Subtotal	4,583	4,665	(1)
Fixed costs:			
Land rent	450	450	(1)
Machinery	264	252	(1)
Management	1,003	1,027	(1)
Overhead	1,254	1,284	(1)
Subtotal	2,971	3,013	(1)
Total preharvest costs	7,554	7,678	(1)
Harvest and marketing costs:			
Harvest, pack, and haul	2,980	2,980	(1)
Containers	950	950	(1)
Selling	500	500	(1)
Subtotal	4,430	4,430	(1)
Total production costs	11,984	12,108	(1)

¹ Data for the 2003/04 crop-year are not available until after this report is completed.

Note.—These cost budgets are constructed based on input prices obtained from various industry sources and are believed to reflect typical costs of production for growers in a given production area, but do not necessarily reflect the actual industry average cost of production.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled by Commission staff from *Production Costs for Selected Florida Vegetables*, compiled by Scott A. Smith and Timothy G. Taylor, Food and Resource Economics Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL, found on the internet at <http://www.agbuscenter.ifas.ufl.edu/cost>, retrieved Aug. 23, 2004.

Table 14
Estimated production costs for the initial crop of a double-crop system for fresh-market peppers grown in Southwest Florida, by average cost per acre, 2001/02 to 2003/04 crop-years

(In dollars)

Items	2001/02	2002/03	2003/04
Preharvest costs:			
Operating costs:			
Transplants	880	900	(¹)
Fertilizer and lime	369	369	(¹)
Fumigant	530	564	(¹)
Other pesticides	713	773	(¹)
Labor	430	430	(¹)
Machinery	785	797	(¹)
Interest	271	222	(¹)
Miscellaneous	439	438	(¹)
Subtotal	4,417	4,493	(¹)
Fixed costs:			
Land rent	450	450	(¹)
Machinery	264	252	(¹)
Management	972	995	(¹)
Overhead	1,214	1,243	(¹)
Subtotal	2,900	2,940	(¹)
Total preharvest costs	7,317	7,433	(¹)
Harvest and marketing costs:			
Harvest, pack, and haul	2,980	2,980	(¹)
Containers	950	950	(¹)
Selling	500	500	(¹)
Subtotal	4,430	4,430	(¹)
Total production costs	11,747	11,863	(¹)

¹ Data for the 2003/04 crop-year are not available until after this report is completed.

Note.—These cost budgets are constructed based on input prices obtained from various industry sources and are believed to reflect typical costs of production for growers in a given production area, but do not necessarily reflect the actual industry average cost of production.

Note.—Because of rounding, figures may not add to the totals shown.

Source: Compiled by Commission staff from *Production Costs for Selected Florida Vegetables*, compiled by Scott A. Smith and Timothy G. Taylor, Food and Resource Economics Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL, found on the internet at <http://www.agbuscenter.ifas.ufl.edu/cost>, retrieved Aug. 23, 2004.

**SHIPMENTS, QUANTITIES AVAILABLE,
AND PRICES**

Table 15
Fresh-market peppers: Florida shipments and share of total amount shipped, by months,
1999/2000 to 2003/04 crop-years

Month	1999/2000	2000/01	2001/02	2002/03	2003/04
<i>Quantity (1,000 pounds)¹</i>					
October	3,500	9,000	12,000	12,500	200
November	36,400	44,100	47,800	49,000	33,600
December	47,900	54,200	44,400	39,700	43,900
January	50,000	39,800	57,100	44,500	(²)
February	53,300	41,300	60,700	44,200	(²)
March	82,100	56,400	71,400	56,200	(²)
April	70,700	92,100	76,200	95,500	(²)
May	64,800	75,800	52,100	49,800	(²)
June	2,800	8,700	800	2,700	(²)
July	200	300	200	300	(²)
August	0	0	200	200	(²)
September	0	0	200	100	(²)
Total	411,700	421,700	423,100	394,700	(²)
<i>Share of total (percent)</i>					
October	0.9	2.1	2.8	3.2	(³)
November	8.8	10.5	11.3	12.4	(³)
December	11.6	12.9	10.5	10.1	(³)
January	12.1	9.4	13.5	11.3	(²)
February	12.9	9.8	14.3	11.2	(²)
March	19.9	13.4	16.9	14.2	(²)
April	17.2	21.8	18.0	24.2	(²)
May	15.7	18.0	12.3	12.6	(²)
June	0.7	2.1	0.2	0.7	(²)
July	0.0	0.1	0.2	0.1	(²)
August	0.0	0.0	0.2	0.1	(²)
September	0.0	0.0	0.0	0.0	(²)
Total	100	100	100	100	(²)

¹ Data are rounded to 1,000 lbs.

² Data are not yet available.

³ Data can not yet be calculated.

Source: Compiled by Commission staff from U.S. Department of Agriculture, Agricultural Marketing Service, Fruit and Vegetable Programs, Market News Branch, "Fresh Fruit and Vegetables Shipments," FVAS-4 various calendar year, found at <http://www.ams.usda.gov/fv/mncs/fvannual.html>, retrieved Aug. 30, 2004.

Table 16
Fresh-market peppers: Quantities available at major shipping points, by sources and by weeks,
2002/03 crop-year

(1,000 pounds)

Week ending	U.S. product					Piggy-back	Imports			Grand total
	Truck		All other	Total	U.S. total		Mexico	All other	Total	
2002:										
Oct. 5	80	12,280	5,190	17,550	350	17,900	190	420	610	18,510
12	20	11,110	5,910	17,040	220	17,260	330	350	680	17,940
19	2,190	10,410	5,830	18,430	40	18,470	590	110	700	19,170
26	3,560	11,230	3,520	18,310	180	18,490	510	940	1,450	19,940
Nov. 2	9,170	11,160	6,950	27,280	40	27,320	1,970	500	2,470	29,790
9	10,380	7,920	2,690	20,990	40	21,030	2,280	190	2,470	23,500
16	12,490	6,540	1,080	20,110	130	20,240	3,220	500	3,720	23,960
23	14,340	6,010	40	20,390	0	20,390	5,190	550	5,740	26,130
30	9,300	3,410	0	12,710	0	12,710	4,320	410	4,730	17,440
Dec. 7	4,460	4,470	10	8,940	40	8,980	9,320	200	9,520	18,500
14	12,120	1,770	0	13,890	0	13,890	12,280	560	12,840	26,730
21	12,680	410	0	13,090	0	13,090	13,900	530	14,430	27,520
28	5,240	140	0	5,380	0	5,380	8,970	720	9,690	15,070
2003:										
Jan. 6	10,470	40	0	10,510	0	10,510	13,010	380	13,390	23,900
13	12,420	90	0	12,510	0	12,510	17,450	470	17,920	30,430
20	9,400	190	0	9,590	0	9,590	20,650	540	21,190	30,780
27	8,380	90	0	8,470	0	8,470	19,580	340	19,920	28,390
Feb. 3	9,100	30	0	9,130	0	9,130	21,720	570	22,290	31,420
10	9,660	40	0	9,700	0	9,700	20,860	340	21,200	30,900
17	10,440	0	0	10,440	0	10,440	17,180	470	17,650	28,090
24	13,600	0	0	13,600	0	13,600	15,280	150	15,430	29,030
Mar. 3	12,010	0	0	12,010	0	12,010	17,770	470	18,240	30,250
10	12,460	0	0	12,460	0	12,460	17,910	20	17,930	30,390
17	10,780	0	0	10,780	0	10,780	13,520	110	13,630	24,410
24	17,160	0	0	17,160	0	17,160	12,170	50	12,220	29,380
31	17,160	0	0	17,160	0	17,160	12,170	80	12,250	29,410
Apr. 7	21,920	0	0	21,920	0	21,920	10,410	280	10,690	32,610
14	21,820	1,230	0	23,050	0	23,050	9,730	70	9,800	32,850
21	22,520	2,050	0	24,570	40	24,610	8,620	90	8,710	33,320
28	22,650	3,140	0	25,790	0	25,790	8,060	240	8,300	34,090
May 5	18,230	4,630	0	22,860	0	22,860	7,240	40	7,280	30,140
12	17,010	6,500	0	23,510	220	23,730	8,230	70	8,300	32,030
19	12,990	9,250	0	22,240	350	22,590	6,030	240	6,270	28,860
26	6,270	11,230	1,800	19,300	130	19,430	4,910	340	5,250	24,680
June 2	4,990	12,260	7,090	24,340	350	24,690	3,940	6,120	10,060	34,750
9	2,370	11,080	9,900	23,350	440	23,790	2,700	400	3,100	26,890
16	160	11,640	23,330	35,130	570	35,700	1,250	290	1,540	37,240
23	60	9,940	18,130	28,130	180	28,310	860	180	1,040	29,350
30	90	8,650	14,550	23,290	310	23,600	680	190	870	24,470

Note.—Data for domestic shipments are obtained by the USDA from various sources, including Federal marketing order administrative committees, Federal-State inspection service, shippers, and transportation agencies. Mexico data are border-crossings from records of USDA, APHIS.

Source: Compiled by Commission staff from USDA, AMS data.

Table 17
Fresh-market peppers: Quantities available at major shipping points, by sources and by weeks,
2003/04 crop-year

(1,000 pounds)

Week ending	U.S. product					Piggy-back	U.S. total	Imports			Grand total
	Truck		All other	Total	Mexico			All other	Total		
	Florida	California									
2003:											
Oct. 11	10	13,730	8,240	21,980	180	22,160	400	30	430	22,590	
18	30	9,910	10,870	20,810	180	20,990	870	130	1,000	21,990	
25	30	13,100	10,690	23,820	220	24,040	1,080	100	1,180	25,220	
Nov. 1	140	10,320	5,130	15,590	260	15,850	1,360	310	1,670	17,520	
8	3,870	8,930	9,670	22,470	350	22,820	1,910	70	1,980	24,800	
15	8,710	5,800	6,850	21,360	790	22,150	2,160	150	2,310	24,460	
22	11,650	6,470	4,830	22,950	260	23,210	5,190	220	5,410	28,620	
29	9,260	2,400	540	12,200	220	12,420	7,110	370	7,480	19,910	
Dec. 6	14,500	2,930	750	18,180	180	18,360	9,090	90	9,180	27,540	
13	9,240	1,820	20	11,080	40	11,120	10,310	130	10,440	21,560	
20	7,160	650	0	7,810	90	7,900	13,070	120	13,190	21,090	
27	6,810	220	0	7,030	0	7,030	9,080	160	9,240	16,270	
2004:											
Jan. 3	10,670	200	10	10,880	40	10,920	12,390	260	12,650	23,570	
10	14,730	290	0	15,020	0	15,020	20,430	130	20,560	35,580	
17	12,940	30	0	12,970	0	12,970	12,470	160	12,630	25,600	
24	10,510	0	0	10,510	0	10,510	22,640	100	22,740	33,250	
31	9,330	0	0	9,330	0	9,330	21,330	20	21,350	30,680	
Feb. 7	13,100	0	0	13,100	0	13,100	20,860	110	20,970	34,070	
14	17,280	0	0	17,280	0	17,280	18,870	230	19,100	36,380	
21	15,040	0	0	15,040	0	15,040	14,100	110	14,210	29,250	
28	10,010	0	0	10,010	0	10,010	11,800	110	11,910	21,920	
Mar. 6	17,100	0	0	17,100	0	17,100	17,420	110	17,530	34,630	
13	15,480	0	0	15,480	0	15,480	15,810	0	15,810	31,290	
20	20,230	0	0	20,230	0	20,230	13,820	80	13,900	34,130	
27	26,450	0	0	26,450	0	26,450	13,210	110	13,320	39,770	
Apr. 3	28,100	0	0	28,100	0	28,100	8,570	150	8,720	36,820	
10	27,170	0	0	27,170	0	27,170	8,590	120	8,710	35,880	
17	24,630	950	0	25,580	0	25,580	11,480	100	11,580	37,160	
24	26,120	1,900	0	28,020	40	28,060	14,360	80	14,440	42,500	
May 1	25,320	4,960	0	30,280	90	30,370	9,590	0	9,590	39,960	
8	22,180	7,300	90	29,570	130	29,700	8,110	70	8,180	37,880	
15	16,800	9,130	40	25,970	220	26,190	6,270	90	6,360	32,550	
22	19,930	9,660	770	30,360	260	30,620	5,160	40	5,200	35,820	
29	16,250	10,730	8,370	35,350	400	35,750	4,760	0	4,760	40,510	
June 5	1,930	13,770	17,840	33,540	280	33,820	4,460	150	4,610	38,430	
12	280	14,630	26,060	40,970	180	41,150	2,280	70	2,350	43,500	
19	250	15,150	20,440	35,840	260	36,100	1,210	50	1,260	37,360	
26	290	9,900	14,910	25,100	350	25,450	1,130	0	1,130	26,580	

Note.—Data for domestic shipments are obtained by the USDA from various sources, including Federal marketing order administrative committees, Federal-State inspection service, shippers, and transportation agencies. Mexico data are border-crossings from records of USDA, APHIS.

Note.—Because of rounding, figures may not add to the total shown.

Source: Compiled by Commission staff from USDA, AMS data.

Table 18
Fresh-market peppers: Average shipping-point prices f.o.b. Florida and California, by source, by color, by size, and by weeks, 2003/04 season

(Dollars per carton)¹

Week ending	Florida-green			California-red		
	Extra large	Large	Medium	Extra large	Large	Irregular
2003:						
Oct. 4	(²)	(²)	(²)	8.85-12.85	8.85-12.85	6.85-7.85
11	(²)	(²)	(²)	10.85-18.85	10.85-18.85	8.85-14.85
18	(²)	(²)	(²)	16.85	16.85	12.85-14.85
25	(²)	(²)	(²)	16.85	16.85	14.85
Nov. 1	(²)	(²)	(²)	18.85	18.85	14.85
8	10.00-12.00	9.00-10.00	7.85-9.00	18.85-20.85	18.85-20.85	14.85-16.85
15	10.00-12.85	8.00-10.00	7.85-8.85	(²)	(²)	16.85
22	10.00-12.85	8.00-9.00	6.85-8.85	(²)	(²)	16.85-18.85
29	12.85	8.00-8.85	6.85-7.35	(²)	(²)	(²)
Dec. 6	10.00-12.85	8.00-9.85	6.00-7.85	(²)	(²)	(²)
13	10.00-10.85	8.00-8.85	7.00-8.85	(²)	(²)	(²)
20	10.00-12.85	8.85-10.85	8.35-10.85	(²)	(²)	(²)
27	12.00-12.35	10.00-10.85	9.85-10.85	(²)	(²)	(²)
2004:						
Jan. 3	12.00-12.85	10.00-10.85	10.00-10.85	(²)	(²)	(²)
10	12.00-16.85	10.00-12.85	10.00-12.85	(²)	(²)	(²)
17	16.00-16.85	14.00-14.85	14.00-14.85	(²)	(²)	(²)
24	16.85-22.85	14.85-20.85	14.85-18.85	(²)	(²)	(²)
31	(²)	(²)	(²)	(²)	(²)	(²)

¹ Cartons for Florida product hold one and one-ninth bushels; cartons for California product hold 25 pounds.

² Data not reported.

Source: Compiled by Commission staff from data of the Market News Service, AMS, USDA, Washington, DC, September 2004.

Table 19
Fresh-market peppers: Average shipping-point prices for border-crossings from Mexico f.o.b. Nogales, AZ, by color, by pepper size, and by weeks, 2003/04 crop-year

(Dollars per carton)¹

Week ending	Red		Yellow	
	Extra large	Large	Extra large	Large
2003:				
Dec. 20	20.35-20.85	20.35-20.85	(²)	(²)
27	20.35-20.95	20.35-20.95	(²)	(²)
2004:				
Jan. 3	16.35-18.95	16.35-18.95	18.85-22.35	18.85-22.35
10	8.35-16.85	8.35-16.85	8.85-16.95	8.85-16.95
17	8.35-8.95	8.35-8.95	6.85-8.85	6.85-8.85
24	8.35-10.35	8.35-10.35	10.35-12.85	10.35-12.85
31	8.35-10.95	8.35-10.95	10.35-14.85	10.35-14.85
Feb. 7	10.35-14.95	10.35-14.95	12.85-16.85	12.85-16.85
14	13.85-14.95	13.85-14.95	16.85-18.85	16.85-18.85
21	12.35-14.35	12.35-14.35	12.85-16.95	12.85-16.95
28	14.35-17.85	14.35-17.85	12.85-18.85	12.85-18.85
Mar. 6	14.65-18.95	14.65-18.95	16.85-20.35	16.85-20.35
13	12.35-14.95	10.95-14.95	16.35-20.85	16.35-20.85
20	8.85-12.35	8.85-12.35	14.95-18.85	14.95-18.85
27	8.00-10.95	(²)	14.95-16.85	(²)
Apr. 3	12.85-16.95	(²)	14.95-18.85	(²)
10	16.85-18.95	(²)	(²)	(²)
17	14.85-20.35	(²)	(²)	(²)
24	6.85-10.95	(²)	(²)	(²)
May 1	6.85-8.95	(²)	(²)	(²)
8	8.35-12.95	(²)	(²)	(²)
15	12.35-14.95	(²)	(²)	(²)
14	14.35-14.95	(²)	(²)	(²)

¹ Cartons hold 15 pounds.

² Data not reported.

Note.—For those entries where two prices are reported, prices are the range in which most sales were made.

Source: Compiled by Commission staff from data of the Market News Service, AMS, USDA, Wash., DC.

Table 20
Fresh-market peppers: Average green-pepper shipping-point prices f.o.b. Central and South Florida, by pepper size and by weeks, 2003/04 crop-year

(Dollars per carton)¹

Week ending	Extra Large	Large	Medium
2003:			
Nov. 8	10.00-12.00	9.00-10.00	7.85-9.00
15	10.00-12.85	8.00-10.00	7.85-8.85
22	10.00-12.85	8.00-9.00	6.85-8.85
29	10.85-12.85	8.00-8.85	6.85-7.35
Dec. 6	10.00-12.85	8.00-9.85	6.00-7.85
13	10.00-10.85	8.00-8.85	7.00-8.85
20	10.00-12.85	8.85-10.85	8.35-10.85
27	12.00-12.35	10.00-10.85	9.85-10.85
2004:			
Jan. 3	12.00-12.85	10.00-10.85	10.00-10.85
10	12.00-16.85	10.00-12.85	10.00-12.85
17	16.00-16.85	14.00-14.85	14.00-14.85
24	16.85-22.85	14.85-20.85	14.85-18.85

¹ Cartons hold one and one-ninth bushels.

Note.—For those entries where two prices are reported, prices are the range in which most sales were made.

Source: Compiled by Commission staff from data of the Market News Service, AMS, USDA, Wash., DC.