

United States International Trade Commission

# Monitoring of U.S. Imports of Peppers

Investigation No. 332-351

USITC Publication 4049

November 2008



# U.S. International Trade Commission

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# U.S. International Trade Commission

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# Preface

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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)).<sup>1</sup>

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 enable the Commission to conduct an expedited investigation concerning provisional import relief and, if appropriate, recommend to the President provisional relief, should a petition for such 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 includes 2003–07 calendar year data but also includes July-June crop-year data. Because U.S. production data are not available on a crop-year basis, calendar-year data are necessary to calculate domestic consumption. Interim year data for 2007 and 2008 are provided for imports and exports. Import and pricing data are presented on a crop-year and on a monthly basis in order to provide the most recent trade data available. Such data are especially useful for highlighting industry activities during the winter production season (i.e., October-June) when imports, mostly from Mexico, are at the highest level of the year and Florida producers account for the bulk of domestic production. Data on Florida production are maintained primarily on a crop-year basis.

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<sup>1</sup> 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.



# ABSTRACT

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U.S. consumption of fresh-market peppers increased steadily between 2003–06, before declining in 2007. Despite a slight increase between 2003 and 2004, production of fresh market peppers declined steadily during the 2004–07 period. Imports rose consistently between 2003 and 2007 and accounted for an increasing share of consumption during the period. Imports from Mexico and Canada have risen in recent years. An increase in greenhouse-growing facilities in each of the three NAFTA member countries has spurred trade among the NAFTA countries by allowing for the shipment of fresh peppers during those seasons when outdoor production is usually reduced or nonexistent because of weather. The bulk of the imports from Mexico continue to be field-grown peppers and they continue to be entered principally through Arizona. By contrast, the bulk of the imports from Canada are greenhouse-grown peppers that are grown in Ontario and British Columbia, and enter mainly through the customs districts nearest to those Canadian production areas. U.S. exports remain small relative to U.S. production and consumption. U.S. exports to Canada have declined slightly in volume as production in Canada, traditionally the largest market for U.S. exports, has accounted for a greater share of its domestic market consumption. U.S. imports of processed peppers increased steadily between 2003–07. Exports of processed peppers are not separately reported.





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# Highlights

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The following are highlights of the statistical data collected on peppers for fresh-market use and for processing for the 2003–07 period.

## Fresh-market Peppers

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- Apparent U.S. consumption of fresh-market peppers declined by 3 percent in volume from 952,650 metric tons in 2006 to 926,054 metric tons in 2007 (table 1). Apparent consumption was valued at \$906 million in 2007, down by 4 percent from \$944 million in 2006. In 2007, the ratio of import volume to consumption volume was 36 percent, an increase from 34 percent in the previous year, a change that appears to be due to a drop in U.S. production. The ratio of imports to consumption by value rose to 59 percent in 2007 from 54 percent in 2006 (table 1) as U.S. exports grew faster than imports and U.S. production declined.
- U.S. production volume of fresh-market peppers fell by 4 percent from an estimated 691,412 metric tons (\$512 million) in 2006 to 665,738 metric tons (\$468 million) in 2007 (table 1). Unit values of production also fell from \$740 per metric ton in 2006 to \$704 per metric ton in 2007. California and Florida accounted for 48 percent and 30 percent, respectively, of total U.S. production volume in 2007 (table 9). U.S. harvested area for peppers totaled 54,300 acres in 2007, down slightly from 54,600 harvested acres in 2006, as a significant acreage increase in Florida was offset by a comparable decrease in California (table 9).
- U.S. exports of fresh-market peppers increased by 9 percent from 63,591 metric tons in 2006 to 69,178 metric tons in 2007 (table 3). The value of U.S. exports increased by 20 percent from \$81.0 million in 2006 to \$97.4 million in 2007. Canada remained the leading foreign market for U.S. exports in recent years, accounting for 95 percent of U.S. exports by both volume and value in 2007 (table 3). U.S. export volume was up by 1 percent—and export value up by 8 percent—during January-June 2008 as compared with January-June 2007 (table 3).
- U.S. imports of fresh-market peppers increased by 1 percent in volume from 324,829 metric tons in 2006 to 329,494 metric tons in 2007. Imports continued to rise in 2008, increasing by 3 percent during January-June of 2008 as compared with the same period in 2007 (table 4). Mexico accounted for 72 percent by volume of total imports of fresh-market peppers in 2007. Other important foreign suppliers in 2007 included Canada and the Netherlands (table 4). The bulk of imports from Canada and the Netherlands are believed to be higher-value, greenhouse-grown peppers with average unit values often about two times the unit values of the largely lower-priced, primarily field-grown green peppers from Mexico.
- U.S. imports of fresh-market peppers from Mexico amounted to 242,781 metric tons during the July 2007-June 2008 crop-year, a 10 percent increase from 220,923 metric tons during the July 2006-June 2007 crop-year (table 5). The bulk of U.S. fresh-market peppers imported from Mexico entered through the Nogales, AZ customs district, principally during November through the following May, coinciding with the peak production period in Florida. Imports from Canada and the Netherlands have been greatest during June-October when Florida production is normally low (tables 6 and 7), although imports from Canada have increased during May-June when Florida is still producing and when domestic production in California and other states is usually high.

- Annual U.S. shipments of fresh market peppers from Florida were down by 12 percent during calendar year 2007 from those in 2006 while shipments from California rose by 27 percent from calendar year 2006 to calendar year 2007. Increased shipments from Canada were offset by a slight decrease in Mexican shipments (table 11). Average shipping-point prices for large green peppers from Florida ranged from \$8.35 to \$16.85 per carton in January 2008 as compared with prices ranging from \$6.85 to \$14.85 per carton in January 2007, likely the result of lower production levels in Florida during the July 2007–June 2008 crop-year (table 15).

## **Processed Peppers**

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- U.S. production of processed (i.e., canned) peppers declined by 4 percent from an estimated 20,742 metric tons in 2006 to 19,972 metric tons in 2007 (table 2). U.S. imports of processed peppers rose by 20 percent from 25,136 metric tons in 2006 to 30,274 metric tons in 2007 (table 2). Imports of processed peppers amounted to 14,520 metric tons during January-June 2008, up by 12 percent from those entered during the corresponding period of January-June 2007 (table 8). Spain was the primary foreign supplier, accounting for 28 percent by volume of U.S. imports, in 2007, but held a declining market share due to increased imports from Peru. Since 2006 Peru has been the second-largest supplier with imports amounting to 6,985 metric tons in 2007. Mexico, Turkey, Greece, and Chile were other important suppliers in recent years.

# **MARKET OVERVIEW**

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**TABLE 1** Fresh-market peppers: U.S. production, exports of domestic merchandise, imports for consumption, apparent consumption, and ratio of imports to consumption, 2003–07

Year	Production <sup>a</sup>	Exports <sup>b</sup>	Imports <sup>c</sup>	Apparent consumption	Ratio of imports to consumption
<i>Quantity (mt)</i>					
2003	731,101	72,084	245,700	904,717	27
2004	743,892	73,008	258,071	928,955	28
2005	727,382	70,757	295,993	952,618	31
2006	691,412	63,591	324,829	952,650	34
2007	665,738	69,178	329,494	926,054	36
<i>Value (1,000 \$)</i>					
2003	494,663	79,241	338,730	754,152	45
2004	516,956	88,022	436,968	865,902	50
2005	534,703	90,359	450,777	895,121	50
2006	511,978	81,042	513,190	944,126	54
2007	468,387	97,371	535,376	906,392	59
<i>Unit value (\$/mt)<sup>d</sup></i>					
2003	677	1,099	1,379	834	165
2004	695	1,206	1,693	932	182
2005	735	1,277	1,523	940	162
2006	740	1,274	1,580	991	159
2007	704	1,408	1,625	979	166

*Source:* Production data estimated by Commission staff from official statistics of the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS), *Vegetables*, 2005 Summary: January 2006, Vg 1-2(06), 27; 2006 Summary: January 2007, Vg 1-2(07), 27; and 2007 Summary: January 2008, Vg 1-2(08), 28; exports and imports compiled from official statistics of the U.S. Department of Commerce, except as noted.

*Note:* Production data are revised annually and figures for the more 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 may be somewhat smaller and the ratio of imports to consumption somewhat larger than shown.

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

<sup>a</sup>Data are for bell peppers intended for fresh-market use and for processing (data are not reported separately for each end-use) on a fresh-weight basis, and are converted from pounds to metric tons using a factor of 2,204.62 pounds per metric ton.

<sup>b</sup>Data are for fresh or chilled peppers including bell and other peppers (Schedule B No. 0709.60.0000) on a fresh-weight basis.

<sup>c</sup>Data are for fresh or chilled peppers other than chili peppers (*Harmonized Tariff Schedule* (HTS) subheading 0709.60.40) on a fresh-weight basis.

<sup>d</sup>Calculated by Commission staff using rounded numbers.

**TABLE 2** Processed peppers: U.S. production and imports for consumption, 2003–07

Year	Production <sup>a</sup>	Imports <sup>b</sup>
	Quantity (mt)	
2003	21,933	20,287
2004	22,317	21,439
2005	21,821	22,968
2006	20,742	25,136
2007	19,972	30,274
	Value (1,000 \$)	
2003	( <sup>c</sup> )	21,625
2004	( <sup>c</sup> )	27,616
2005	( <sup>c</sup> )	31,644
2006	( <sup>c</sup> )	36,823
2007	( <sup>c</sup> )	43,241
	Unit value (\$/mt) <sup>d</sup>	
2003	( <sup>c</sup> )	1,066
2004	( <sup>c</sup> )	1,288
2005	( <sup>c</sup> )	1,378
2006	( <sup>c</sup> )	1,465
2007	( <sup>c</sup> )	1,428

Source: Production data estimated by Commission staff from official statistics of the USDA, NASS, *Vegetables*, 2005 Summary: January 2006, Vg 1-2(06), 27; 2006 Summary: January 2007, Vg 1-2(07), 27; and 2007 Summary: January 2007, Vg 1-2(08), 28; imports compiled from official statistics of the U.S. Department of Commerce, except as noted.

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

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

<sup>a</sup>Data are estimated to be the equivalent of 3 percent of production for all uses (on a fresh-weight basis) and are converted from pounds to metric tons using a factor of 2,204.62 pounds per metric ton.

<sup>b</sup>Data are for prepared or preserved peppers (HTS subheadings 2005.99.50 and statistical reporting numbers 2005.99.5510) on a processed-weight basis. Prior to 2007, prepared or preserved peppers were classified in HTS subheading 2005.90.50 and statistical reporting number 2005.90.5510.

<sup>c</sup>Not available.

<sup>d</sup>Calculated by Commission staff using rounded numbers.





# **TRADE**

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**TABLE 3** Fresh-market peppers: U.S. exports of domestic merchandise,<sup>a</sup> by principal markets, 2003–07, January-June 2007, and January-June 2008

Market	2003	2004	2005	2006	2007	January-June 2007	January-June 2008
<b>Quantity (mt)</b>							
Canada	66,767	65,182	64,259	60,231	65,590	36,882	36,083
Mexico	3,125	5,477	3,456	1,089	1,674	361	1,452
Japan	678	598	944	823	782	317	398
Bahamas	160	250	198	264	284	95	108
Norway	88	82	95	122	168	58	30
Netherlands	839	816	952	388	155	92	0
United Kingdom	45	89	51	65	89	26	42
Ireland	25	33	34	41	87	12	33
All other	357	481	767	567	349	126	288
Total	72,084	73,008	70,757	63,591	69,178	37,970	38,433
<b>Value (1,000 \$)</b>							
Canada	73,401	79,244	83,762	76,388	92,698	55,027	57,892
Mexico	2,764	5,140	2,260	1,316	1,990	467	1,888
Japan	840	831	1,108	996	986	411	515
Bahamas	178	419	300	411	365	125	185
Norway	175	170	190	203	280	94	53
Netherlands	1,216	1,331	1,384	598	212	125	0
United Kingdom	84	137	88	98	187	41	76
Ireland	34	47	42	57	90	17	35
All other	551	704	1,226	975	564	217	541
Total	79,241	88,022	90,359	81,042	97,371	56,524	61,186
<b>Unit value (\$/mt)<sup>b</sup></b>							
Canada	1,099	1,216	1,304	1,268	1,413	1,492	1,604
Mexico	884	939	654	1,208	1,188	1,295	1,300
Japan	1,239	1,390	1,173	1,211	1,260	1,296	1,297
Bahamas	1,113	1,677	1,513	1,554	1,286	1,317	1,713
Norway	1,989	2,074	1,999	1,664	1,667	1,621	1,767
Netherlands	1,449	1,632	1,454	1,543	1,364	1,359	-
United Kingdom	1,862	1,539	1,722	1,508	2,101	1,577	1,810
Ireland	1,360	1,424	1,235	1,387	1,032	1,417	1,061
All other	1,543	1,463	1,598	1,720	1,615	1,722	1,878
Weighted average	1,099	1,206	1,277	1,274	1,408	1,489	1,592

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

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

<sup>a</sup>Data are for fresh or chilled peppers other than chili peppers (Schedule B No. 0709.60.0000) on a fresh-weight basis.

<sup>b</sup>Calculated by Commission staff using rounded numbers.

**TABLE 4** Fresh-market peppers: U.S. imports for consumption,<sup>a</sup> by principal sources, 2003–07, January-June 2007, and January-June 2008

Source	2003	2004	2005	2006	2007	January-June 2007	January-June 2008
<b>Quantity (mt)</b>							
Mexico	164,741	180,366	210,674	234,737	238,012	172,796	177,565
Canada	42,554	44,428	55,870	63,313	71,261	18,995	20,876
Israel	10,142	8,811	4,339	3,086	1,983	1,541	543
Dominican Republic	2,004	1,865	2,120	3,405	3,435	2,337	2,567
EU-25:							
Netherlands	22,864	19,879	20,169	16,209	9,569	4,449	3,010
Spain	2,351	1,955	1,813	2,324	672	211	300
Belgium	450	372	654	638	148	94	37
All other	27	0	13	0	2	0	3
Subtotal	25,692	22,206	22,649	19,170	10,391	4,754	3,350
All other	567	395	341	1,118	4,412	2,020	3,786
Total	245,700	258,071	295,993	324,829	329,494	202,443	208,687
<b>Value (1,000 \$)</b>							
Mexico	158,147	250,021	262,371	289,488	313,455	242,732	231,519
Canada	78,661	91,262	115,751	151,704	169,617	67,268	78,197
Israel	27,049	27,778	12,781	8,950	6,688	5,138	1,801
Dominican Republic	1,706	2,145	2,464	4,332	5,222	3,422	3,785
EU-25:							
Netherlands	63,735	56,544	50,046	47,909	28,191	13,388	8,939
Spain	6,891	7,011	4,677	6,054	1,801	657	865
Belgium	1,391	1,246	1,789	1,590	455	283	131
All other	27	0	37	0	5	0	15
Subtotal	72,044	64,800	56,549	55,552	30,452	14,327	9,950
All other	1,123	962	861	3,164	9,942	4,719	7,456
Total	338,730	436,968	450,777	513,190	535,376	337,607	332,708
<b>Unit value (\$/mt)<sup>b</sup></b>							
Mexico	960	1,386	1,245	1,233	1,317	1,405	1,304
Canada	1,848	2,054	2,072	2,396	2,380	3,541	3,746
Israel	2,667	3,153	2,946	2,900	3,373	3,334	3,316
Dominican Republic	851	1,150	1,162	1,272	1,520	1,464	1,475
EU-25:							
Netherlands	2,787	2,844	2,481	2,956	2,946	3,009	2,970
Spain	2,932	3,586	2,580	2,605	2,680	3,112	2,879
Belgium	3,092	3,349	2,735	2,493	3,075	3,012	3,541
All other	1,000	-	2,846	-	2,500	-	5,000
Weighted average	2,804	2,918	2,497	2,898	2,931	3,014	2,971
All other	1,981	2,433	2,525	2,832	2,253	2,336	1,969
Weighted average	1,379	1,693	1,523	1,580	1,625	1,668	1,594

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

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

Note: Sudden changes in unit values of some suppliers are believed to result in part from the entry of lower- or higher-valued peppers into the market.

Note: Imports in 2008 enter at the MFN rate of 4.7 cents per kilogram or free or at reduced rates pursuant to the Generalized System of Preferences (GSP), African Growth of Opportunity Act (AGOA), Caribbean Basin Economic Recovery Act (CBERA), the Andean Trade Promotion and Drug Eradication Act (ATPDEA), the North American Free Trade Agreement (NAFTA), Dominican Republic-Central America-United States Free Trade Agreement Implementation Act (DR-CAFTA), the United States-Australia Free Trade Agreement (Australia), the United States-Bahrain Free Trade Agreement Implementation Act (Bahrain), United States-Chile Free Trade Agreement (Chile), United States-Israel Free Trade Area (Israel), United States-Jordan Free Trade Area Implementation Act (Jordan), United States-Morocco Free Trade Agreement Implementation Act (Morocco), and United States-Singapore Free Trade Agreement (Singapore).

<sup>a</sup>Data are for fresh or chilled peppers other than chili peppers (HTS subheading 0709.60.40) on a fresh-weight basis.

<sup>b</sup>Calculated by Commission staff using rounded numbers.

**TABLE 5** Fresh-market peppers: U.S. imports for consumption from Mexico,<sup>a</sup> by months and by major customs districts of entry, July 2005-June 2008

Period	Nogales	Laredo	Detroit	San Diego	All other	Total
	Quantity (mt)					
2005						
July	37	254	7	589	4	891
Aug.	11	52	0	311	2	375
Sept.	11	210	0	683	9	912
Oct.	562	709	9	3,440	4	4,725
Nov.	7,564	1,664	97	5,665	13	15,004
Dec.	31,788	1,692	70	3,325	67	36,943
2006						
Jan.	48,677	1,941	297	2,889	39	53,844
Feb.	42,628	1,432	317	1,125	97	45,599
Mar.	36,484	1,622	251	1,573	86	40,015
Apr.	22,107	1,317	94	4,263	22	27,803
May	10,454	693	36	4,235	40	15,457
June	1,797	347	25	1,682	41	3,892
Total	202,120	11,933	1,203	29,780	424	245,460
2006						
July	17	221	8	982	34	1,262
Aug.	10	148	15	618	32	823
Sept.	238	251	1	479	23	993
Oct.	823	957	30	780	27	2,618
Nov.	5,933	1,565	86	4,649	27	12,260
Dec.	24,947	1,705	184	3,296	39	30,171
2007						
Jan.	37,297	1,725	460	3,446	52	42,980
Feb.	36,353	1,295	613	2,666	57	40,985
Mar.	36,098	1,177	512	1,576	56	39,419
Apr.	24,358	917	149	3,476	60	28,959
May	10,310	580	204	4,089	39	15,222
June	1,969	479	15	2,746	22	5,231
Total	178,353	11,020	2,277	28,803	468	220,923
2007						
July	28	163	6	1,949	8	2,154
Aug.	388	117	22	1,040	9	1,576
Sept.	316	494	63	997	10	1,880
Oct.	1,062	1,360	253	2,282	36	4,993
Nov.	7,701	1,804	398	7,926	64	17,893
Dec.	29,328	2,007	675	4,670	40	36,720
2008						
Jan.	35,506	2,464	806	3,409	75	42,260
Feb.	37,021	2,041	826	1,752	46	41,686
Mar.	39,442	2,096	833	1,006	27	43,404
Apr.	21,097	1,588	220	1,228	1	24,134
May	13,779	1,683	161	5,684	0	21,308
June	1,751	509	29	2,447	37	4,773
Total	187,419	16,326	4,292	34,390	354	242,781

See footnote at end of table.

**TABLE 5—Continued** Fresh-market peppers: U.S. imports for consumption from Mexico,<sup>a</sup> by months and by major customs districts of entry, July 2005-June 2008

Period	Nogales	Laredo	Detroit	San Diego	All other	Total
Value (1,000 \$)						
2005						
July	40	182	24	624	12	881
Aug.	11	44	0	226	5	286
Sept.	11	440	0	400	29	880
Oct.	800	965	31	1,461	7	3,264
Nov.	12,845	1,637	371	2,756	35	17,644
Dec.	50,422	2,102	303	2,041	200	55,067
2006						
Jan.	80,267	2,514	1,133	1,436	123	85,472
Feb.	52,411	2,040	1,114	519	299	56,384
Mar.	39,279	2,147	911	860	242	43,438
Apr.	27,641	1,808	428	1,531	73	31,482
May	14,691	871	112	1,645	93	17,412
June	2,376	582	93	1,189	117	4,357
Total	280,794	15,332	4,520	14,688	1,235	316,567
2006						
July	11	323	30	778	94	1,236
Aug.	9	283	58	774	84	1,208
Sept.	415	295	4	513	74	1,301
Oct.	1,220	1,276	109	555	84	3,244
Nov.	8,061	1,764	346	2,483	81	12,735
Dec.	26,342	1,871	788	2,097	121	31,219
2007						
Jan.	62,407	1,731	1,918	1,640	231	67,927
Feb.	48,827	1,405	2,628	1,250	251	54,361
Mar.	50,999	1,521	2,256	833	264	55,873
Apr.	38,084	1,112	654	1,411	284	41,545
May	14,527	594	819	1,867	157	17,964
June	2,444	423	60	2,049	87	5,063
Total	253,346	12,598	9,670	16,250	1,812	293,676
2007						
July	41	195	20	1,847	30	2,133
Aug.	189	161	72	1,015	22	1,459
Sept.	469	538	251	1,048	39	2,345
Oct.	1,304	1,824	1,023	1,730	140	6,021
Nov.	8,264	2,184	1,665	5,923	206	18,242
Dec.	31,181	2,664	3,006	3,543	130	40,524
2008						
Jan.	47,833	3,002	3,335	2,789	247	57,206
Feb.	54,798	2,793	3,019	1,529	141	62,280
Mar.	41,161	2,704	3,246	809	91	48,011
Apr.	28,657	2,165	814	673	5	32,314
May	21,503	2,235	709	2,296	0	26,743
June	2,615	691	113	1,537	8	4,964
Total	238,015	21,156	17,273	24,739	1,059	302,242

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

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

Note: Monthly "all other" data and monthly totals for all customs districts are rounded from the actual data reported; crop-year customs districts totals for each district are calculated using rounded data totals.

<sup>a</sup>Data are for fresh or chilled peppers other than chili peppers (HTS subheading 0709.60.40) on a fresh-weight basis.

**TABLE 6** Fresh-market peppers: U.S. imports for consumption from Canada,<sup>a</sup> by months and by major customs districts of entry, July 2005-June 2008

Period	Detroit	Seattle	Buffalo	Ogdensburg	All other	Total
Quantity (mt)						
2005						
July	3,082	2,097	649	30	46	5,904
Aug.	4,850	2,627	1,835	2,111	37	11,459
Sept.	3,952	1,809	3,022	3,331	9	12,123
Oct.	3,107	1,459	2,739	620	7	7,932
Nov.	1,983	742	328	0	1	3,054
Dec.	697	114	98	0	0	908
2006						
Jan.	118	69	11	0	0	198
Feb.	91	12	7	0	0	110
Mar.	788	51	204	0	13	1,056
Apr.	2,125	822	710	0	34	3,691
May	3,254	1,521	714	0	20	5,509
June	3,693	2,296	874	17	14	6,893
Total	27,740	13,619	11,191	6,109	181	58,837
2006						
July	3,861	1,697	762	15	5	6,339
Aug.	6,160	2,084	3,360	1,907	14	13,525
Sept.	4,302	1,616	2,945	3,669	41	12,573
Oct.	3,957	1,548	3,931	879	4	10,319
Nov.	1,590	716	300	21	0	2,628
Dec.	356	65	51	0	0	472
2007						
Jan.	57	0	10	0	0	67
Feb.	17	0	4	0	0	21
Mar.	674	52	273	0	0	1,000
Apr.	2,639	821	706	0	7	4,173
May	3,651	1,546	810	9	15	6,033
June	4,592	2,177	915	13	5	7,702
Total	31,856	12,322	14,067	6,513	93	64,852
2007						
July	4,269	2,489	1,044	16	5	7,822
Aug.	7,439	1,891	4,127	1,154	14	14,625
Sept.	7,146	1,434	4,458	2,599	1	15,638
Oct.	4,844	1,422	3,461	732	4	10,463
Nov.	2,209	368	595	32	2	3,206
Dec.	422	23	44	20	2	511
2008						
Jan.	20	0	2	0	0	22
Feb.	56	0	3	0	0	60
Mar.	611	37	205	0	0	853
Apr.	3,395	1,226	878	0	4	5,503
May	3,537	2,142	716	0	39	6,434
June	4,844	2,205	908	0	46	8,003
Total	38,792	13,237	16,441	4,553	116	73,140

See footnote at end of table.

**TABLE 6—Continued** Fresh-market peppers: U.S. imports for consumption from Canada,<sup>a</sup> by months and by major customs districts of entry, July 2005-June 2008

Period	Detroit	Seattle	Buffalo	Ogdensburg	All other	Total
Value (1,000 \$)						
2005						
July	8,498	5,777	1,512	25	46	15,858
Aug.	7,159	6,717	1,328	1,189	36	16,429
Sept.	5,772	4,858	1,929	2,456	7	15,022
Oct.	5,892	3,727	1,700	413	7	11,739
Nov.	5,869	2,064	626	0	2	8,560
Dec.	2,671	324	267	0	0	3,261
2006						
Jan.	496	179	49	0	0	724
Feb.	381	31	26	0	0	439
Mar.	3,105	148	678	0	13	3,944
Apr.	7,504	2,337	2,210	0	39	12,090
May	10,612	4,478	2,300	0	65	17,456
June	11,908	7,179	2,877	40	50	22,054
Total	69,867	37,819	15,502	4,123	265	127,576
2006						
July	12,955	5,654	2,547	25	17	21,198
Aug.	12,414	6,440	3,326	1,353	54	23,587
Sept.	9,626	5,125	2,636	2,967	102	20,456
Oct.	10,555	4,599	2,577	694	16	18,442
Nov.	6,196	2,391	1,019	16	0	9,621
Dec.	1,331	176	185	0	0	1,692
2007						
Jan.	257	0	41	0	0	298
Feb.	70	0	19	0	0	89
Mar.	2,759	197	1,122	0	0	4,080
Apr.	8,859	2,501	2,689	0	33	14,081
May	14,084	5,147	3,160	5	67	22,463
June	16,507	6,721	2,949	54	26	26,257
Total	95,613	38,951	22,270	5,114	316	162,264
2007						
July	13,369	7,412	3,104	10	20	23,915
Aug.	14,231	5,840	4,050	679	16	24,816
Sept.	13,608	4,319	3,663	1,983	8	23,581
Oct.	10,097	4,437	3,373	536	20	18,463
Nov.	7,189	1,257	1,320	50	9	9,825
Dec.	1,490	77	143	34	6	1,750
2008						
Jan.	88	0	5	0	0	93
Feb.	235	3	13	0	0	251
Mar.	2,440	108	873	0	4	3,425
Apr.	12,491	3,962	3,313	0	23	19,789
May	14,931	7,875	3,219	0	168	26,193
June	17,627	7,317	3,316	0	187	28,447
Total	107,796	42,607	26,392	3,292	460	180,548

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

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

Note: Monthly "all other" data and monthly totals for all customs districts are rounded from the actual data reported; crop-year customs districts totals for each district are calculated using rounded data totals.

<sup>a</sup>Data are for fresh or chilled peppers other than chili peppers (HTS subheading 0709.60.40) on a fresh-weight basis.

**TABLE 7** Fresh-market peppers: U.S. imports for consumption from the Netherlands,<sup>a</sup> by months and by major customs districts of entry, July 2005-June 2008

Period	New York	Boston	Los Angeles	Chicago	Washington	All other	Total
Quantity (mt)							
2005							
July	1,929	365	244	478	168	376	3,560
Aug.	2,140	406	191	300	167	289	3,493
Sept.	1,820	367	179	355	89	154	2,964
Oct.	1,200	292	129	317	115	109	2,162
Nov.	840	238	68	240	124	142	1,651
Dec.	191	51	5	68	47	68	430
2006							
Jan.	17	2	1	0	0	7	27
Feb.	0	0	0	0	0	0	0
Mar.	36	20	11	35	10	4	116
Apr.	316	58	51	105	41	15	586
May	857	313	100	365	78	103	1,816
June	1,332	250	201	318	65	136	2,302
Total	10,678	2,362	1,180	2,581	904	1,403	19,107
2006							
July	1,793	367	291	654	121	212	3,438
Aug.	1,321	277	249	491	105	88	2,531
Sept.	1,177	208	192	320	68	88	2,053
Oct.	849	161	191	157	84	82	1,524
Nov.	759	328	146	245	130	139	1,747
Dec.	50	5	0	0	0	12	67
2007							
Jan.	1	0	0	0	0	0	1
Feb.	1	0	0	0	0	0	1
Mar.	30	0	2	14	0	1	47
Apr.	98	17	37	45	5	9	211
May	1,437	352	88	381	72	85	2,415
June	1,270	160	141	135	39	29	1,774
Total	8,786	1,875	1,337	2,442	624	745	15,809
2007							
July	855	123	152	84	25	21	1,261
Aug.	1,193	177	141	48	27	19	1,605
Sept.	962	145	163	23	37	20	1,349
Oct.	499	76	102	3	2	8	691
Nov.	108	24	59	2	0	6	199
Dec.	12	0	0	0	0	2	14
2008							
Jan.	8	0	0	0	0	0	8
Feb.	24	0	0	0	0	15	39
Mar.	0	0	4	0	0	4	9
Apr.	36	0	35	0	0	7	78
May	500	307	77	442	51	30	1,407
June	1,179	123	97	41	5	23	1,468
Total	5,376	975	830	643	147	154	8,128

See footnote at end of table.



**TABLE 7—Continued** Fresh-market peppers: U.S. imports for consumption from the Netherlands,<sup>a</sup> by months and by major customs districts of entry, July 2005-June 2008

Period	New York	Boston	Los Angeles	Chicago	Washington	All other	Total
Value (1,000 \$)							
2005							
July	3,935	696	499	934	501	1,043	7,607
Aug.	4,501	786	373	657	522	789	7,628
Sept.	4,096	823	401	775	310	479	6,884
Oct.	2,992	539	275	702	389	301	5,198
Nov.	1,783	514	143	522	440	406	3,808
Dec.	474	105	19	165	164	286	1,213
2006							
Jan.	34	4	3	0	0	29	70
Feb.	0	0	0	0	0	0	0
Mar.	120	63	41	110	51	17	402
Apr.	1,282	239	196	384	216	95	2,412
May	2,705	1,024	321	1,070	378	418	5,916
June	3,767	659	543	799	279	441	6,488
Total	25,689	5,452	2,814	6,118	3,250	4,304	47,626
2006							
July	4,698	1,085	788	1,625	534	782	9,512
Aug.	3,570	691	654	1,254	443	327	6,939
Sept.	3,677	708	501	946	298	352	6,482
Oct.	2,432	518	520	411	299	350	4,530
Nov.	2,050	998	362	633	465	476	4,984
Dec.	117	17	0	0	0	39	173
2007							
Jan.	4	0	0	0	0	0	4
Feb.	4	0	0	0	0	0	4
Mar.	158	0	11	80	0	2	251
Apr.	381	49	150	156	22	73	831
May	4,292	1,062	233	992	288	386	7,253
June	3,625	459	368	292	145	155	5,044
Total	25,008	5,587	3,587	6,389	2,494	2,942	46,007
2007							
July	2,422	343	368	187	101	114	3,535
Aug.	3,277	469	351	96	102	96	4,391
Sept.	2,652	390	432	69	142	96	3,781
Oct.	1,608	264	297	10	5	50	2,234
Nov.	512	78	174	7	0	38	809
Dec.	42	0	0	0	0	12	54
2008							
Jan.	17	0	0	0	0	0	17
Feb.	95	0	0	0	0	57	152
Mar.	0	0	21	3	0	26	50
Apr.	179	0	130	2	0	52	363
May	1,746	763	232	1,074	267	172	4,254
June	3,316	324	262	66	23	112	4,103
Total	15,866	2,631	2,267	1,514	640	825	23,743

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

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

Note: Monthly "all other" data and monthly totals for all customs districts are rounded from the actual data reported; crop-year customs districts totals for each district are calculated using rounded data totals.

<sup>a</sup>Data are for fresh or chilled peppers other than chili peppers (HTS subheading 0709.60.40) on a fresh-weight basis.

**TABLE 8** Processed peppers: U.S. imports for consumption,<sup>a</sup> by principal sources, 2003–07, January-June 2007, and January-June 2008

Source	2003	2004	2005	2006	2007	January-June 2007	January-June 2008
	<i>Quantity (mt)</i>						
Peru	67	934	2,418	3,172	6,985	1,563	6,027
Mexico	293	327	197	1,964	4,910	2,594	3,095
Turkey	3,633	5,505	5,485	4,543	2,808	1,206	631
Chile	3,354	2,201	2,668	2,438	2,498	1,083	577
EU-25							
Spain	11,333	10,742	9,735	10,090	8,389	3,992	2,162
Greece	998	995	1,128	1,273	2,540	1,305	526
Italy	79	72	122	220	194	107	158
All other	54	23	7	6	40	23	12
Subtotal	12,465	11,832	10,992	11,588	11,164	5,428	2,857
All other	475	640	1,208	1,431	1,909	1,120	1,333
Total	20,287	21,439	22,968	25,136	30,274	12,994	14,520
	<i>Value (1,000 \$)</i>						
Peru	151	1,331	3,486	4,152	9,202	2,200	8,660
Mexico	282	364	230	4,516	6,982	3,630	5,014
Turkey	3,206	5,102	5,370	4,979	3,052	1,287	716
Chile	2,388	1,697	2,331	2,390	2,455	1,049	541
EU-25							
Spain	12,921	16,224	15,785	15,408	14,543	6,652	4,940
Greece	1,602	1,548	1,769	1,822	3,373	1,501	971
Italy	251	228	493	775	543	255	266
All other	87	39	24	26	82	39	33
Subtotal	14,860	18,038	18,072	18,031	18,541	8,447	6,210
All other	738	1,084	2,155	2,755	3,009	1,729	2,528
Total	21,625	27,616	31,644	36,823	43,241	18,342	23,669
	<i>Unit value (\$/mt)<sup>b</sup></i>						
Peru	2,254	1,425	1,442	1,309	1,317	1,408	1,437
Mexico	962	1,113	1,168	2,299	1,422	1,399	1,620
Turkey	882	927	979	1,096	1,087	1,067	1,135
Chile	712	771	874	980	983	969	937
EU-25							
Spain	1,140	1,510	1,621	1,527	1,734	1,666	2,285
Greece	1,605	1,556	1,568	1,431	1,328	1,150	1,846
Italy	3,177	3,167	4,041	3,523	2,799	2,383	1,684
All other	1,611	1,696	3,429	4,333	2,050	1,696	2,750
Weighted average	1,192	1,525	1,644	1,556	1,661	1,556	2,174
All other	1,554	1,694	1,784	1,925	1,576	1,544	1,896
Weighted average	1,066	1,288	1,378	1,465	1,428	1,412	1,630

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

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

Note: Unit values for peppers from some countries are often significantly higher because they are believed to include different types of peppers or peppers in different styles of pack (e.g., in glass rather than in cans).

Note: Depending upon the type of peppers entered, imports in 2008 enter at MFN rates of between 8.1 percent and 14.9 percent ad valorem or free or at reduced rates pursuant to GSP, AGOA, CBERA, and ATPDEA preference programs, to NAFTA, DR-CAFTA, and to other U.S. FTAs with Australia, Bahrain, Chile, Israel, Jordan, Morocco, and Singapore.

<sup>a</sup> Data are for prepared or preserved peppers (HTS subheading 2005.99.50 and statistical reporting number 2005.99.5510) on a processed-weight basis. Prior to 2007, prepared or preserved peppers were classified in HTS subheading 2005.90.50 and statistical reporting number 2005.90.5510.

<sup>b</sup> Calculated by Commission staff using rounded numbers.

# **PRODUCTION AND COSTS**

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**TABLE 9** Fresh-market peppers: U.S. production quantity, value, and unit value, and harvested area, by selected states, 2003–07

State	2003	2004	2005	2006	2007
	Quantity (mt)				
Florida	224,801	257,323	207,746	183,524	196,859
California	327,267	344,731	386,234	329,308	319,103
Georgia	61,235	30,073	31,026	51,437	52,072
Ohio	26,762	22,407	21,954	41,368	29,937
New Jersey	40,007	42,093	37,739	42,819	25,310
North Carolina	22,680	19,958	20,140	26,127	28,304
Michigan	20,412	23,678	17,781	15,921	14,152
All other	7,937	3,629	4,763	907	-
Total	731,101	743,892	727,382	691,412	665,738
	Value (1,000 \$)				
Florida	177,920	218,411	213,428	187,330	183,148
California	206,606	217,701	239,715	212,548	178,618
Georgia	40,500	19,890	20,520	28,350	40,180
Ohio	15,989	10,078	17,279	30,278	22,968
New Jersey	25,578	23,200	20,550	27,848	17,577
North Carolina	12,500	10,120	10,656	15,552	15,600
Michigan	9,900	13,572	9,016	9,126	10,296
All other	4,670	3,984	3,539	946	-
Total	494,663	516,956	534,703	511,978	468,387
	Unit value (\$/mt) <sup>a</sup>				
Florida	791	849	1,027	1,021	930
California	631	632	621	645	560
Georgia	661	661	661	551	772
Ohio	597	450	787	732	767
New Jersey	639	551	545	650	694
North Carolina	551	507	529	595	551
Michigan	485	573	507	573	728
All other	588	1,098	743	1,043	-
Weighted average	677	695	735	740	704
	Harvested area (acres)				
Florida	17,700	18,300	19,000	16,500	17,500
California	18,500	19,000	23,000	22,000	21,000
Georgia	4,500	3,900	3,600	4,200	4,100
Ohio	2,000	1,900	2,200	2,400	2,200
New Jersey	3,600	3,500	3,200	3,200	3,100
North Carolina	5,000	4,000	3,700	4,800	5,200
Michigan	1,800	1,800	1,400	1,300	1,200
All other	700	500	700	200	-
Total	53,800	52,900	56,800	54,600	54,300

Source: Compiled by Commission staff from official statistics of the USDA, NASS, as reported in *Vegetables*, 2005 Summary: January 2006, Vg 1-2(06), 27; 2006 Summary: January 2007, Vg 1-2(07), 27; and 2007 Summary: January 2008, Vg 1-2(08), 27 except as noted.

Note: Production data are revised annually and figures for the more 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. Peppers for processing are believed to account for a small share of the total shown here.

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

<sup>a</sup>Calculated by Commission staff using rounded numbers.

**TABLE 10** Estimated production costs for fresh-market peppers grown in Florida, by production area and by average cost per acre, 2004–05 and 2005–06 crop-years (in dollars)

Cost items	Palm Beach County		Southwest	
	2004–05	2005–06	2004–05	2005–06
Preharvest costs				
Operating costs				
Transplants	900	900	1,000	1,000
Fertilizer	320	340	391	457
Fumigant	736	750	736	750
Other pesticides	797	842	867	973
Labor	455	455	430	430
Machinery	440	526	1,190	1,391
Interest	174	180	341	365
Miscellaneous	1,043	1,043	691	691
Subtotal	4,865	5,036	5,646	6,057
Fixed costs				
Land rent	400	400	500	500
Machinery	125	125	264	264
Management	1,043	1,076	1,214	1,291
Overhead	1,304	1,345	1,517	1,614
Subtotal	2,872	2,946	3,495	3,669
Total preharvest costs	7,737	7,982	9,141	9,726
Harvest and marketing costs				
Harvest, haul, and pack	3,278	3,278	3,090	3,100
Containers	1,045	1,045	950	950
Selling	550	550	500	500
Subtotal	4,873	4,873	4,540	4,550
Total production costs	12,610	12,855	13,681	14,276

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, <http://www.agbuscenter.ifas.ufl.edu/cost>, retrieved August 13, 2007.

Note: These are the most current data available; estimates were discontinued in 2007.

Note: These production-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 in that area.

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



**SHIPMENTS, QUANTITIES AVAILABLE,  
AND PRICES**

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**TABLE 11** Fresh-market peppers: Shipments, by major suppliers and by months, 2005–07

Period	Florida	California	Georgia	Mexico	Canada
	Quantity (mt)				
2005					
Jan.	29,030	45	0	44,316	45
Feb.	25,129	0	0	34,110	136
Mar.	34,156	0	0	29,574	1,089
Apr.	40,370	3,039	0	24,040	3,402
May	41,867	15,059	635	13,517	4,082
June	1,950	23,678	31,493	4,899	5,761
July	0	23,814	3,447	862	5,897
Aug.	0	27,533	0	227	11,431
Sept.	0	26,762	45	771	12,111
Oct.	2,903	23,723	13,109	4,581	7,938
Nov.	8,391	19,096	8,800	14,470	3,039
Dec.	9,934	3,221	1,996	35,471	907
Total	193,730	165,970	59,525	206,838	55,838
2006					
Jan.	15,604	635	0	55,248	181
Feb.	21,818	0	0	45,949	91
Mar.	34,927	0	0	40,733	1,043
Apr.	43,091	3,039	0	27,125	3,674
May	34,337	16,647	9,616	16,103	5,488
June	227	21,500	34,428	4,400	6,895
July	0	23,587	590	1,451	6,350
Aug.	0	21,546	0	1,179	13,517
Sept.	0	25,628	590	816	12,565
Oct.	2,722	22,181	18,416	2,495	10,297
Nov.	21,228	13,925	16,057	12,066	2,631
Dec.	26,218	2,449	454	29,030	45
Total	200,172	151,137	80,151	236,595	62,777
2007					
Jan.	24,267	181	0	42,728	91
Feb.	22,544	0	0	40,506	45
Mar.	28,712	0	0	37,557	998
Apr.	32,296	2,449	0	27,306	4,173
May	25,084	17,917	0	13,744	6,033
June	726	28,259	0	4,264	7,666
July	0	28,032	1,678	1,451	7,802
Aug.	0	27,987	4,990	1,451	14,606
Sept.	0	33,248	3,447	1,950	15,604
Oct.	136	29,257	272	4,627	10,433
Nov.	13,971	20,003	0	17,418	3,175
Dec.	28,350	4,899	0	39,417	499
Total	176,086	192,232	10,387	232,419	71,125

Source: Data compiled by Commission staff from *Fresh Fruit and Vegetable Shipments*, USDA, Market News, FVAS-4, Calendar Year 2005, February 2006, 27-28; FVAS-4, Calendar Year 2006, March 2007, 28; and FVAS-4, Calendar Year 2007, March 2008, 31.

Note: Data are for truck shipments only.



**TABLE 12** Fresh-market peppers: Quantities available at major shipping points, by sources, by U.S. transportation modes, and by weeks, 2007–08 crop-year (1,000 lbs)

Month/week ending	U.S. product						Imports			Grand total	
	Truck				Piggy-back	U.S. total	Mexico	All other			
	Florida	California	All other	Total				Total			
2007											
Sept.	8	0	14,810	5,920	20,730	570	21,300	400	70	470	21,770
	15	0	19,480	4,580	24,060	480	24,550	1,000	550	1,550	26,100
	22	0	18,060	2,890	20,950	880	21,830	1,000	120	1,120	22,950
	29	0	18,800	2,400	21,200	570	21,770	1,680	390	2,170	23,940
Oct.	6	0	17,900	4,240	22,130	570	22,700	1,630	60	1,690	24,390
	13	0	17,230	5,150	22,620	310	22,930	1,290	290	1,580	24,510
	20	0	13,510	7,450	20,970	480	21,450	2,430	100	2,530	23,980
	27	0	10,020	12,480	22,500	480	22,990	2,910	200	3,110	26,100
Nov.	3	860	9,960	12,660	23,480	920	24,410	3,370	230	3,600	28,010
	10	4,420	14,040	7,030	25,480	660	26,140	5,500	620	6,120	32,260
	17	9,000	11,260	6,270	26,520	750	27,270	9,230	250	9,480	36,750
	24	7,790	7,490	690	15,980	260	16,240	9,970	690	10,680	26,920
Dec.	1	9,680	6,840	40	16,560	260	16,820	13,460	360	13,820	30,640
	8	15,740	4,640	0	20,380	220	20,600	19,730	510	20,240	40,840
	15	16,060	2,730	0	18,790	180	18,960	21,210	300	21,510	40,470
	22	13,520	1,900	0	15,430	130	15,560	21,790	760	22,550	38,110
	29	12,610	1,120	0	13,730	90	13,810	16,600	370	16,970	30,780
2008											
Jan.	5	9,010	1,510	0	10,510	0	10,510	18,070	500	18,570	29,080
	12	17,220	870	0	18,100	40	18,140	26,890	470	27,360	45,500
	19	13,150	550	0	13,700	90	13,790	21,420	570	22,090	35,880
	26	14,890	100	0	14,980	190	15,110	18,470	480	18,950	34,060
Feb.	2	15,120	210	0	15,330	0	15,330	23,040	740	23,780	39,110
	9	16,440	160	0	16,590	0	16,590	22,010	440	22,450	39,040
	16	12,070	60	0	12,130	0	12,130	23,530	490	24,020	36,150
	23	13,300	20	0	13,320	0	13,320	21,790	470	22,260	35,580
Mar.	1	10,680	10	0	10,690	0	10,690	18,420	70	18,490	29,180
	8	10,890	0	0	10,890	0	10,890	23,320	410	23,730	34,620
	15	17,880	0	0	17,880	0	17,880	22,630	590	23,220	41,100
	22	20,730	0	0	20,730	0	20,730	21,210	430	21,640	42,370
	29	17,440	0	0	17,440	0	17,440	19,820	540	20,360	37,800
Apr.	5	15,930	0	0	15,930	0	15,930	18,190	480	18,670	34,600
	12	20,260	0	0	20,260	0	20,260	12,940	420	13,360	33,620
	19	15,930	0	0	15,930	0	15,930	10,770	410	11,180	27,110
	26	14,640	1,040	0	15,680	0	15,680	11,650	480	12,130	27,810
May	3	13,040	4,340	0	17,370	0	17,370	10,240	510	10,750	28,120
	10	10,480	8,850	0	19,320	180	19,500	9,530	240	9,770	29,270
	17	8,780	10,280	500	19,550	440	19,990	9,930	190	10,120	30,110
	24	8,980	9,440	3,410	21,830	350	22,180	9,580	90	9,670	31,850
	31	4,280	9,890	9,280	23,450	530	23,980	8,690	110	8,800	32,780
June	7	470	9,310	14,570	24,350	700	25,050	3,690	90	2,780	27,830
	14	40	11,050	17,710	28,800	750	29,550	1,460	30	1,490	31,040
	21	0	9,610	16,940	26,550	620	27,160	1,140	70	1,210	28,370
	28	0	9,580	12,350	21,930	180	22,110	980	30	1,010	23,120

Source: Compiled by Commission staff from official statistics of the USDA, Market News, <http://marketnews.usda.gov/portal>, retrieved August 11, 2008.

Note: U.S. data are obtained by the USDA from various sources including Federal Marketing Order administrative committees, the Federal-State Inspection Service, shippers, and transportation agencies. Mexico data are border-crossings.

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

Note: Piggy-back transportation mode is when product is shipped in trailers, semi-trailers, or containers on a flat-bed rail car.

**TABLE 13** Fresh-market peppers: Average range of shipping-point prices f.o.b. California, by color, by size, and by weeks, 2007–08 crop-year (dollars/carton and ½ carton)

Month/week ending	Green <sup>a</sup>		Red <sup>b</sup>	
	Large <sup>c</sup>	Medium <sup>c</sup>	Large <sup>c</sup>	Large <sup>d</sup>
2007				
July				
7	6.45-7.95	6.00-7.45	10.95-12.95	-
14	7.85-7.95	6.85-7.95	8.95-10.95	-
21	7.35-7.95	6.35-7.95	7.95-8.95	-
28	6.45-7.50	5.45-7.50	7.95-7.95	-
Aug.				
4	5.35-7.50	5.35-6.50	7.95-8.95	-
11	6.00-7.45	5.50-6.50	8.95-12.95	-
18	6.35-7.35	5.45-6.50	12.95-16.95	-
25	6.35-7.35	5.50-6.50	14.95-15.50	14.95-14.95
Sept.				
1	5.50-7.95	5.00-7.45	11.95-14.95	10.95-12.95
8	5.50-6.50	5.00-6.00	11.85-12.95	10.95-12.95
15	6.50-9.95	5.00-8.95	8.95-12.95	8.95-12.95
22	8.95-9.95	7.45-8.50	7.95-8.95	6.95-8.95
29	7.85-9.95	6.85-8.95	6.95-8.95	6.95-7.95
Oct.				
3	8.85-11.00	7.85-9.50	5.95-7.95	5.95-6.95
10	10.95-12.95	8.85-10.95	5.95-6.95	6.95-8.95
17	12.35-13.50	9.85-12.35	6.95-8.95	7.95-9.95
24	12.90-14.95	11.45-13.95	8.50-9.95	8.95-10.95
Nov.				
4	13.95-15.95	12.45-14.95	7.95-9.95	7.95-9.95
11	10.95-14.95	10.85-13.35	-	7.95-10.95
18	-	-	-	12.00-14.95
25	-	-	-	12.95-14.95

Source: Compiled by Commission staff from official statistics of the USDA, Market News, <http://marketnews.usda.gov/portal>, retrieved August 11, 2008.

Note: The crop-year covers the period July 2007 to June 2008; California reported prices only for July-November 2007.

<sup>a</sup>Cartons hold one and one-ninth bushels.

<sup>b</sup>One-half cartons.

<sup>c</sup>Data are for the San Joaquin area.

<sup>d</sup>Data are for the South District area.

**TABLE 14** Fresh-market peppers: Average range of shipping-point prices for border-crossings of bell-type peppers from Mexico, f.o.b. Nogales, AZ, by color, by size, and by weeks, 2007–08 crop-year (dollars/carton)

Month/week ending	Green <sup>a</sup>			Orange <sup>b</sup>	Red <sup>a</sup>
	Extra large	Large	Medium	Large	Large
2007					
Nov. 10	18.95-18.95	16.95-16.95	14.95-14.95	-	-
17	16.95-13.95	14.95-18.95	12.95-16.95	-	-
24	12.95-16.95	8.95-12.95	7.95-10.95	-	-
Dec. 1	10.95-10.95	8.95-10.95	7.95-8.95	-	-
8	12.95-12.95	10.95-10.95	8.95-9.95	-	-
15	6.95-12.95	6.95-10.95	5.95-8.95	18.95-22.95	18.95-18.95
22	6.95-7.95	6.95-7.95	5.95-6.95	14.95-20.95	16.95-18.95
29	7.95-8.95	6.95-7.95	5.95-7.95	18.95-22.95	14.95-18.95
2008					
Jan. 5	8.95-18.95	8.95-16.95	8.95-14.95	16.95-22.95	12.95-14.95
12	18.95-20.95	18.95-20.95	16.95-18.95	13.95-16.95	10.95-12.95
19	14.95-18.95	12.95-16.95	10.95-14.95	12.95-16.95	7.95-10.95
26	18.95-22.95	14.95-20.95	14.95-16.95	12.95-14.95	8.95-10.95
Feb. 2	18.95-22.95	16.95-20.95	10.95-18.95	12.95-16.95	10.95-10.95
9	14.95-18.95	10.95-14.95	8.95-10.95	12.95-16.95	8.95-10.95
16	12.95-14.95	8.95-10.95	6.95-8.95	14.95-18.95	12.95-24.95
23	12.95-20.95	8.95-14.95	5.95-8.95	16.95-20.95	24.95-24.95
Mar. 1	14.95-22.95	10.95-18.95	5.95-8.95	20.95-20.95	24.95-30.95
8	20.95-26.95	16.95-24.95	10.95-18.95	20.95-22.95	30.95-36.95
15	30.95-32.95	26.95-30.95	20.95-20.95	18.95-20.95	26.95-30.95
22	24.95-36.95	20.95-28.95	14.95-22.95	12.95-18.95	24.85-26.95
29	20.95-28.95	14.95-22.95	10.95-16.95	10.95-10.95	18.85-30.95
Apr. 5	22.95-28.95	20.95-22.95	14.95-16.95	8.95-10.95	16.85-20.95
12	22.95-24.95	20.95-22.95	14.95-16.95	8.95-12.95	12.85-20.95
19	24.95-26.95	22.95-24.95	16.95-20.95	8.95-12.95	12.85-14.95
26	20.95-26.95	20.95-24.95	18.95-20.95	10.95-14.95	-
May 3	-	-	-	12.85-16.95	-
10	-	-	-	14.95-20.95	-

Source: Compiled by Commission staff from official statistics of the USDA, Market News, <http://marketnews.usda.gov/portal>, retrieved August 11, 2008.

<sup>a</sup>Cartons hold one and one-ninth bushels.

<sup>b</sup>Cartons hold 11 pounds.

**TABLE 15** Fresh-market peppers: Average range of shipping-point prices for green peppers from Florida, f.o.b. Central and South Florida, by size and by weeks, 2006–07 and 2007–08 crop-years (dollars/carton or crate)<sup>a</sup>

Month/week ending	Extra Large	Large	Medium
<b>2006–07 crop-year</b>			
2006			
Oct. 28	8.85-10.85	7.85-9.35	7.85-9.35
Nov. 4	7.85-8.85	7.00-7.85	6.85-7.85
11	8.35-8.85	7.35-8.85	6.35-7.85
18	7.85-10.85	7.35-8.85	7.35-8.85
25	8.85-10.85	7.35-8.85	6.85-7.85
Dec. 2	7.85-10.85	6.85-8.85	6.35-7.85
9	7.85-8.85	6.85-7.85	6.35-7.85
16	7.35-10.85	7.85-8.85	6.85-8.85
23	6.35-8.85	6.35-7.85	6.35-7.85
30	7.35-8.85	7.35-8.85	7.35-8.85
2007			
Jan. 6	6.85-8.85	6.85-8.85	6.85-8.85
13	7.35-8.85	7.35-8.85	7.35-7.85
20	10.35-16.85	10.35-14.85	8.35-14.85
Apr. 21	16.00-24.85	14.00-20.85	10.00-16.85
28	12.00-20.85	10.00-16.85	8.00-12.85
May 5	10.00-12.85	8.00-10.85	8.00-8.85
12	7.00-10.85	6.00-8.85	6.00-8.85
<b>2007–08 crop-year</b>			
2007			
Nov. 10	14.00-18.85	12.00-16.85	12.00-14.85
17	16.35-18.85	14.35-16.85	14.00-14.85
24	12.35-14.85	10.35-12.85	6.35-12.85
Dec. 1	8.00-12.85	10.35-10.85	8.35-10.85
8	6.00-10.85	8.00-10.85	8.00-10.85
15	6.00-8.85	6.00-9.85	6.00-8.85
22	6.35-8.85	6.00-6.85	6.00-6.85
29	7.35-8.85	6.35-7.85	6.35-7.85
2008			
Jan. 5	10.35-16.85	8.35-12.85	7.35-10.85
12	16.35-16.85	14.35-16.85	12.35-16.85
19	10.35-16.85	10.35-14.85	10.35-14.85
26	12.35-16.85	10.35-14.85	10.35-14.85
Feb. 2	14.35-18.85	14.35-18.85	14.35-16.85
9	12.35-16.85	12.35-14.85	12.35-14.85
16	14.35-16.85	14.35-14.85	12.35-12.85
Apr. 12	10.35-12.85	8.35-10.85	6.35-10.85
19	10.35-14.85	10.34-12.85	10.35-10.85
26	14.35-18.85	12.35-16.85	12.35-16.85
May 3	18.35-20.85	16.35-20.85	16.35-18.85
10	20.35-20.85	18.35-20.85	16.35-18.85

Source: Compiled by Commission staff from official statistics of the USDA, Market News, <http://marketnews.usda.gov/portal>, retrieved August 11, 2008.

Note: For each crop-year, data are shown for all weeks when prices were reported.

<sup>a</sup>Cartons or crates hold one and one-ninth bushels.

**TABLE 16** Fresh-market peppers: Range of Chicago terminal market prices for field-grown, bell-type green peppers, by suppliers and by weeks, 2007–08 crop-year (dollars/carton)<sup>a</sup>

Month/week ending	Extra-large			Jumbo
	California	Florida	Mexico	Georgia
2007				
Sept. 8	12.00-13.00	-	-	-
15	12.00-13.00	-	-	-
22	12.00-14.00	-	-	-
29	14.00-14.00	-	-	-
Oct. 6	13.00-17.00	-	-	-
13	15.00-17.00	-	-	-
20	15.00-15.00	-	-	15.00-15.00
27	15.00-15.00	-	-	14.00-14.50
Nov. 3	15.00-15.00	-	-	14.00-14.50
10	15.00-22.00	-	-	14.00-14.50
17	25.00-26.00	-	-	26.00-26.00
24	25.00-26.00	-	-	26.00-26.00
Dec. 1	25.00-26.00	-	-	26.00-26.00
8	14.00-16.00	-	-	15.00-16.00
15	-	12.00-15.00	12.00-17.00	-
22	-	10.00-12.00	12.00-12.00	-
29	-	10.00-12.00	12.00-12.00	-
2008				
Jan. 5	-	10.00-14.00	11.00-15.00	-
12	-	12.00-22.00	18.00-25.00	-
19	-	20.00-22.00	24.00-25.00	-
26	-	16.00-20.00	24.00-24.00	-
Feb. 2	-	22.00-25.00	24.00-27.00	-
9	-	21.00-22.00	24.00-25.00	-
16	-	16.00-22.00	18.00-25.00	-
23	-	14.00-17.00	18.00-20.00	-
Mar. 1	-	14.00-18.00	18.00-19.00	-
8	-	16.00-30.00	18.00-30.00	-
15	-	28.00-30.00	30.00-30.00	-
22	-	22.00-30.00	30.00-30.00	-
29	-	14.00-18.00	26.00-28.00	-
Apr. 5	-	14.00-15.00	-	-
12	-	13.00-15.00	-	-
19	-	14.00-14.00	-	-
26	-	13.00-25.00	-	-
May 3	-	24.00-25.00	-	-
10	-	24.00-28.00	-	-
17	-	26.00-28.00	-	-
24	-	26.00-34.00	36.00-36.00	-
31	24.00-28.00	24.00-28.00	18.00-25.00	-
June 7	-	16.00-23.00	-	-
14	13.00-14.00	16.00-16.00	-	16.00-16.00
21	12.00-14.00	-	14.00-15.00	14.00-18.00
28	-	-	-	18.00-22.00

Source: Compiled by Commission staff from official statistics of the USDA, Market News, <http://marketnews.usda.gov/portal>, retrieved August 15, 2008.

<sup>a</sup>Cartons hold one and one-ninth bushels.

**TABLE 17** Fresh-market peppers: Range of New York terminal market prices for field-grown, extra-large bell-type peppers, by color, by supplier, and by weeks, 2007–08 crop-year (dollars/carton)<sup>a</sup>

Month/week ending	Green			Red		
	New Jersey	Florida	Mexico	California	Mexico	
2007						
July	7	12.00-15.00	-	-	22.00-24.00	-
	14	8.00-12.00	-	-	24.00-26.00	-
	21	7.00-9.00	-	-	22.00-25.00	-
	28	8.00-10.00	-	-	16.00-18.00	-
Aug.	4	8.00-10.00	-	-	14.00-16.00	-
	11	8.00-10.00	-	-	14.00-18.00	-
	18	7.00-10.00	-	-	24.00-25.00	-
	25	7.00-9.00	-	-	28.00-29.00	-
Sept.	1	8.00-11.00	-	-	28.00-30.00	-
	8	11.00-14.00	-	-	-	-
	15	12.00-14.00	-	-	28.00-28.00	-
	22	12.00-13.00	-	-	21.00-28.00	-
	29	12.00-15.00	-	-	16.00-20.00	-
Oct.	6	14.00-15.00	-	-	14.00-18.00	-
	13	10.00-16.00	-	-	12.00-16.00	-
	20	-	-	-	18.00-20.00	-
	27	-	14.00-16.00	-	20.00-27.00	-
Nov.	3	-	14.00-16.00	-	20.00-24.00	-
	10	-	16.00-25.00	-	20.00-22.00	-
	17	-	12.00-25.00	-	26.00-26.00	-
	24	-	16.00-18.00	-	26.00-28.00	-
Dec.	1	-	8.00-16.00	14.00-14.00	25.00-26.00	-
	8	-	14.00-18.00	17.00-18.00	26.00-26.00	-
	15	-	10.00-14.00	16.00-16.00	28.00-30.00	-
	22	-	8.00-12.00	-	26.00-32.00	-
	29	-	10.00-12.00	14.00-14.00	20.00-26.00	24.00-30.00
2008						
Jan.	5	-	12.00-15.00	-	22.00-25.00	24.00-27.00
	12	-	16.00-18.00	-	-	20.00-26.00
	19	-	14.00-18.00	17.00-18.00	-	20.00-23.00
	26	-	15.00-20.00	18.00-18.00	-	18.00-18.00
Feb.	2	-	18.00-22.00	22.00-22.00	-	16.00-19.00
	9	-	14.00-20.00	18.00-20.00	-	16.00-18.00
	16	-	15.00-18.00	-	-	16.00-20.00
	23	-	15.00-18.00	14.00-16.00	-	24.00-35.00
Mar.	1	-	18.00-20.00	16.00-17.00	-	45.00-45.00
	8	-	22.00-26.00	-	-	45.00-45.00
	15	-	26.00-30.00	25.00-30.00	-	48.00-50.00
	22	-	14.00-22.00	-	-	32.00-42.00
	29	-	12.00-16.00	-	-	24.00-25.00
Apr.	5	-	12.00-12.00	-	-	16.00-18.00
	12	-	12.00-13.00	-	-	24.00-26.00
	19	-	14.00-17.00	-	-	24.00-32.00
	26	-	16.00-20.00	-	-	35.00-36.00
May	3	-	20.00-22.00	-	-	-
	10	-	22.00-36.00	-	-	-
	17	-	28.00-36.00	-	-	-
	24	-	26.00-30.00	-	-	40.00-50.00
	31	-	18.00-20.00	-	-	-

Source: Compiled by Commission staff from official statistics of the USDA, Market News, <http://marketnews.usda.gov/portal>, retrieved August 11, 2008.

<sup>a</sup>Cartons hold one and one-ninth bushels.

**TABLE 18** Fresh-market peppers: Range of Los Angeles terminal market prices for field-grown, extra-large bell-type peppers, by color, by supplier, and by weeks, 2007–08 crop-year (dollars/carton)<sup>a</sup>

Month/week ending	Green		Red		Yellow
	California	Mexico	California	Mexico	California
2007					
July	7	10.00-13.00	-	-	22.00-22.00
	14	11.00-12.00	-	-	22.00-22.00
	21	12.00-12.00	-	-	22.00-22.00
	28	12.00-12.00	-	20.00-22.00	22.00-22.00
Aug.	4	9.00-12.00	-	-	20.00-22.00
	11	9.00-12.00	-	18.00-18.00	-
	18	9.00-11.00	-	25.00-25.00	25.00-25.00
	25	8.00-11.00	-	-	-
Sept.	1	9.00-12.00	-	20.00-20.00	-
	8	9.00-11.00	-	20.00-20.00	-
	15	9.00-12.00	-	20.00-20.00	24.00-24.00
	22	13.00-17.00	16.00-17.00	16.00-16.00	20.00-24.00
	29	11.00-15.00	11.00-17.00	16.00-18.00	-
Oct.	6	14.00-17.00	-	16.00-18.00	16.00-18.00
	13	12.00-16.00	-	13.00-16.00	-
	20	13.00-17.00	-	14.00-18.00	-
	27	15.00-20.00	-	14.00-20.00	-
Nov.	3	17.50-22.00	-	17.00-21.00	-
	10	18.00-22.00	22.00-24.00	17.00-21.00	-
	17	20.00-24.00	20.00-24.00	17.00-22.00	26.00-26.00
	24	20.00-22.00	20.00-23.00	22.00-22.00	26.00-26.00
Dec.	1	13.00-14.00	13.00-14.00	24.00-24.00	26.00-26.00
	8	13.00-17.00	13.00-17.00	22.00-28.00	28.00-28.00
	15	13.00-17.00	13.00-17.00	28.00-28.00	32.00-32.00
	22	12.00-13.00	11.00-13.00	-	28.00-32.00
	29	-	10.00-12.00	-	28.00-28.00
2008					
Jan.	5	-	10.00-21.00	-	-
	12	-	18.00-28.00	-	-
	19	-	16.00-24.00	-	-
	26	-	16.00-23.00	-	-
Feb.	2	-	21.00-28.00	-	-
	9	-	16.00-22.00	-	19.00-20.00
	16	-	14.00-18.00	-	19.00-20.00
	23	-	14.00-15.00	-	19.00-20.00
Mar.	1	-	15.00-16.00	-	-
	8	-	19.00-30.00	-	-
	15	-	34.00-40.00	-	48.00-50.00
	22	-	33.00-40.00	-	22.00-50.00
	29	-	28.00-36.00	-	22.00-24.00
Apr.	5	-	28.00-32.00	-	22.00-24.00
	12	-	26.00-32.00	-	22.00-24.00
	19	-	30.00-32.00	-	-
	26	26.00-26.00	30.00-32.00	-	-
May	3	28.00-30.00	28.00-32.00	-	-
	10	24.00-30.00	24.00-30.00	-	-
	17	28.00-30.00	28.00-30.00	-	40.00-40.00
	24	28.00-32.00	28.00-32.00	-	-
	31	24.00-32.00	26.00-32.00	-	-

Source: Compiled by Commission staff from official statistics of the USDA, Market News, <http://marketnews.usda.gov/portal>, retrieved August 11, 2008.

<sup>a</sup>Cartons hold one and one-ninth bushels.

