

FLORIDA FRESH CITRUS SHIPMENTS 1998-99 Annual Report

August 20, 1999

Economic and Market Research Department
Florida Department of Citrus

2125 McCarty Hall
University of Florida
P.O. Box 110249
Gainesville, FL 32611-0249 USA

Phone: 352-392-1874 • FAX: 352-392-8634 • E-Mail: CBROWN@fred.ifas.ufl.edu

This report and other up-to-date citrus statistics can be viewed on Web Site:

<http://www.fred.ifas.ufl.edu/citrus/>

LIST OF TABLES

<u>Table</u>	<u>Page</u>
1 Total Shipments of Florida Fresh Citrus, 1989-90 Through 1998-99 Seasons	3
2 Total Domestic Shipments of Florida Fresh Citrus, 1989-90 Through 1998-99 Seasons	4
3 Total Canadian Shipments of Florida Fresh Citrus, 1989-90 Through 1998-99 Seasons	5
4 Total Offshore Shipments of Florida Fresh Citrus, 1989-90 Through 1998-99 Seasons	6
5 Total Shipments of Florida Fresh Citrus, 1998-99 Season	7
6 Total Domestic Shipments of Florida Fresh Citrus, 1998-99 Season	8
7 Total Canadian Shipments of Florida Fresh Citrus, 1998-99 Season	9
8 Total Offshore Shipments of Florida Fresh Citrus, 1998-99 Season	10
9 Market Ranking of Fresh Florida Grapefruit, Top 35 Domestic and Canadian Market Areas, 1998-99 Season	11
10 Market Ranking of Fresh Florida Oranges, Top 35 Domestic and Canadian Market Areas, 1998-99 Season	12
11 Market Ranking of Fresh Florida Temples, Top 35 Domestic and Canadian Market Areas, 1998-99 Season	13
12 Market Ranking of Fresh Florida Tangelos, Top 35 Domestic and Canadian Market Areas, 1998-99 Season	14
13 Market Ranking of Fresh Florida Other Tangerines, Top 35 Domestic and Canadian Market Areas, 1998-99 Season	15
14 Market Ranking of Fresh Florida Honey Tangerines, Top 35 Domestic and Canadian Market Areas, 1998-99 Season	16

LIST OF TABLES (Cont.)

<u>Table</u>		<u>Page</u>
15	Offshore Shipments of Florida Fresh Grapefruit, 1989-90 Through 1998-99 Seasons	17
16	Offshore Shipments of Florida Fresh Oranges and Temples, 1989-90 Through 1998-99 Seasons	18

Florida Fresh Citrus Shipments 1998-99 Annual Report

Purpose

This report provides a summary of fresh citrus shipment data for the 1998-99 season. It contains information on shipments of oranges, grapefruit, Temples, tangelos and tangerines for the domestic and export markets. The report is based on data collected by the Division of Fruit and Vegetable Inspection of the Florida Department of Agriculture.

The information is tabulated in three ways:

- (1) annually with comparisons of shipments in previous seasons,
- (2) by time period during the shipping season, and
- (3) by major markets for each variety.

Highlights

Florida fresh citrus shipments totaled 63.6 million 4/5-bushel cartons in 1998-99, down 4% from the 66.0 million cartons shipped in 1997-98. Temple, tangerine and honey tangerine shipments were up, while all other varieties showed decreases. Florida citrus production was down 20% from the 1997-98 season.

Fresh grapefruit shipments accounted for 59% of the fresh volume in 1998-99. Offshore markets accounted for 52% of those shipments, and showed a 2.5% increase over last season. Domestic grapefruit shipments showed a 15.4% decrease and shipments to Canada were down 7.6%.

Fresh round-orange shipments represented 27.2% of the fresh volume, and Temple shipments represented an additional 1.5%. Orange shipments totaled 17.3 million 4/5-bushel cartons in 1998-99, which represents less than a 1% decline from the previous season. Tangelo shipments decreased 10.4% over last season. Honey tangerine shipments were up 1.6% over last season while other tangerine shipments (including Robinson, Sunburst, Fallglo, etc.) were up 6.9%.

Table 1. Total shipments of Florida fresh citrus, 1989-90 through 1998-99 seasons.

Variety	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
----- 1,000 4/5-bushel cartons -----										
Grapefruit	25,709.5	46,436.4	43,862.8	44,195.6	43,026.6	42,404.8	43,534.5	44,223.7	39,921.7	37,399.0
Oranges	10,697.3	23,107.2	20,724.0	19,096.0	17,479.8	18,001.6	16,984.6	18,690.1	17,411.0	17,303.3
Temples	212.6	1,353.2	1,539.7	1,671.3	1,391.2	1,377.5	1,204.0	879.0	850.6	955.6
Tangelos	1,950.0	1,961.7	2,235.8	2,241.2	1,838.5	1,803.6	1,614.2	1,583.6	1,338.8	1,198.9
Honey Tangerines	367.1	1,272.5	1,795.3	1,823.0	2,384.8	1,595.3	2,114.2	1,958.1	2,610.0	2,650.8
Other Tangerines	1,113.5	549.4	1,907.2	2,090.5	3,352.5	3,386.6	3,874.7	5,163.4	3,836.5	4,102.1
TOTAL^a	40,049.7	74,680.3	72,064.8	71,117.6	69,473.3	68,569.5	69,326.1	72,498.0	65,968.4	63,609.8

^aColumns may not add up to totals due to rounding.

Table 2. Total domestic shipments of Florida fresh citrus, 1989-90 through 1998-99 seasons.

Variety	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
----- 1,000 4/5-bushel cartons -----										
Grapefruit	14,276.0	23,467.4	22,243.6	22,908.8	19,472.3	19,560.8	18,229.9	18,638.4	18,061.6	15,273.0
Oranges	9,963.6	20,763.7	19,047.8	17,422.0	15,909.4	15,923.2	15,201.0	16,950.6	15,969.0	15,237.9
Temples	203.1	1,284.8	1,458.7	1,611.5	1,335.6	1,326.7	1,139.1	837.1	808.8	923.7
Tangelos	1,875.0	1,903.6	2,167.6	2,185.4	1,793.3	1,776.6	1,582.3	1,548.4	1,316.1	1,173.4
Honey Tangerines	315.5	1,143.5	1,620.6	1,649.0	2,152.8	1,422.6	1,891.6	1,785.3	2,386.3	2,386.9
Other Tangerines	1,058.8	518.4	1,792.5	1,986.6	3,194.1	3,188.7	3,661.9	4,890.6	3,631.9	3,897.9
TOTAL^a	27,692.0	49,081.4	48,330.7	47,763.3	43,857.5	43,198.6	41,705.9	44,650.4	42,173.7	38,892.8

^aColumns may not add up to totals due to rounding.

Table 3. Total Canadian shipments of Florida fresh citrus, 1989-90 through 1998-99 seasons.

Variety	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
----- 1,000 4/5-bushel cartons -----										
Grapefruit	2,106.0	3,616.0	2,982.5	3,808.8	3,206.3	3,132.7	2,960.1	3,041.7	2,832.5	2,616.7
Oranges	720.6	1,670.7	1,278.7	1,489.6	1,224.5	1,324.8	1,141.1	1,292.7	1,106.7	1,019.5
Temples	8.7	68.3	79.4	59.8	55.6	50.8	60.1	40.8	41.8	31.9
Tangelos	72.8	58.1	68.1	55.8	44.2	26.7	31.9	35.3	22.6	25.1
Honey Tangerines	47.7	121.6	160.9	152.4	193.2	154.9	188.1	135.1	181.8	191.2
Other Tangerines	54.7	24.9	98.9	85.9	138.2	160.2	194.0	241.3	182.7	187.9
TOTAL^a	3,010.5	5,559.6	4,668.5	5,652.3	4,862.0	4,850.2	4,575.3	4,786.9	4,368.0	4,072.2

^aColumns may not add up to totals due to rounding.

Table 4. Total offshore shipments of Florida fresh citrus, 1989-90 through 1998-99 seasons.

Variety	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
----- 1,000 4/5-bushel cartons -----										
Grapefruit	9,327.5	19,353.0	18,636.7	17,478.1	20,348.0	19,711.3	22,344.5	22,543.6	19,027.6	19,509.3
Oranges	13.0	672.8	397.5	184.4	345.9	753.6	642.5	446.8	335.2	1,046.0
Temple	.7	^a	1.6	.0	.0	.0	4.8	1.1	0.0	0.1
Tangelos	1.9	.0	.1	.0	.9	.2	.0	0.0	0.1	0.5
Honey Tangerines	4.0	7.4	13.8	21.6	38.9	17.9	34.4	37.7	41.9	72.6
Other Tangerines	^a	6.0	15.8	18.0	20.2	37.6	18.8	31.6	21.9	16.3
TOTAL^b	9,347.2	20,039.3	19,065.5	17,702.0	20,753.8	20,520.7	23,045.0	23,060.8	19,426.7	20,644.8

^aLess than 50,000 cartons.

^bColumns may not add up to totals due to rounding.

Table 5. Total shipments of Florida fresh citrus, 1998-99 season.

Variety	Period Number													Season Total	% of Total Ship- ments
	1	2	3	4	5	6	7	8	9	10	11	12	13		
	Report Date														
	08/01/98 thru 08/30/98	08/31/98 thru 09/27/98	09/28/98 thru 10/25/98	10/26/98 thru 11/22/98	11/23/98 thru 12/20/98	12/21/98 thru 01/17/99	01/18/99 thru 02/14/99	02/15/99 thru 03/14/99	03/15/99 thru 04/11/99	04/12/99 thru 05/09/99	05/10/99 thru 06/06/99	06/07/99 thru 07/04/99	07/05/99 thru 07/31/99		
----- 1,000 4/5-bushel cartons -----															
Grapefruit	8	264	3,054	4,237	4,268	4,250	6,345	6,889	5,423	2,280	353	25	4	37,399	59%
% of Total	0%	1%	8%	11%	11%	11%	17%	18%	15%	6%	1%	0%	0%	100%	
Cumulative %	0%	1%	9%	20%	32%	43%	60%	78%	93%	99%	100%	100%	100%		
Oranges	17	30	936	2,203	3,777	1,231	1,181	1,549	1,898	2,401	1,575	445	62	17,303	27%
% of Total	0%	0%	5%	13%	22%	7%	7%	9%	11%	14%	9%	3%	0%	100%	
Cumulative %	0%	0%	6%	18%	40%	47%	54%	63%	74%	88%	97%	100%	100%		
Temples	0	0	0	0	1	205	467	248	34	1	0	0	0	956	2%
% of Total	0%	0%	0%	0%	0%	21%	49%	26%	4%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	22%	70%	96%	100%	100%	100%	100%	100%		
Tangelos	0	0	2	116	720	232	116	12	0	0	1	0	0	1,199	2%
% of Total	0%	0%	0%	10%	60%	19%	10%	1%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	10%	70%	89%	99%	100%	100%	100%	100%	100%	100%		
Honey Tangerines	0	0	0	0	0	122	761	739	769	235	24	1	0	2,651	4%
% of Total	0%	0%	0%	0%	0%	5%	29%	28%	29%	9%	1%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	5%	33%	61%	90%	99%	100%	100%	100%		
Other Tangerines	0	5	609	1,174	1,595	665	46	2	0	1	2	0	3	4,102	6%
% of Total	0%	0%	15%	29%	39%	16%	1%	0%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	15%	44%	82%	99%	100%	100%	100%	100%	100%	100%	100%		
Total All Citrus	25	298	4,600	7,731	10,361	6,704	8,916	9,439	8,124	4,917	1,954	471	70	63,610	100%
% of Total	0%	0%	7%	12%	16%	11%	14%	15%	13%	8%	3%	1%	0%	100%	
Cumulative %	0%	1%	8%	20%	36%	47%	61%	76%	88%	96%	99%	100%	100%		

NOTE: Numbers may not calculate due to rounding.

Table 6. Total domestic shipments of Florida fresh citrus, 1998-99 season.

Variety	Period Number													Season Total	% of Total Ship- ments
	1	2	3	4	5	6	7	8	9	10	11	12	13		
	Report Date														
	08/01/98 thru 08/30/98	08/31/98 thru 09/27/98	09/28/98 thru 10/25/98	10/26/98 thru 11/22/98	11/23/98 thru 12/20/98	12/21/98 thru 01/17/99	01/18/99 thru 02/14/99	02/15/99 thru 03/14/99	03/15/99 thru 04/11/99	04/12/99 thru 05/09/99	05/10/99 thru 06/06/99	06/07/99 thru 07/04/99	07/05/99 thru 07/31/99		
----- 1,000 4/5-bushel cartons -----															
Grapefruit	8	167	1,335	1,878	2,721	1,678	1,937	2,077	1,870	1,281	298	19	3	15,273	39%
% of Total	0%	1%	9%	12%	18%	11%	13%	14%	12%	8%	2%	0%	0%	100%	
Cumulative %	0%	1%	10%	22%	40%	51%	64%	77%	90%	98%	100%	100%	100%		
Oranges	17	29	891	2,030	3,565	1,130	1,048	1,192	1,534	1,900	1,410	429	62	15,238	39%
% of Total	0%	0%	6%	13%	23%	7%	7%	8%	10%	12%	9%	3%	0%	100%	
Cumulative %	0%	0%	6%	19%	43%	50%	57%	65%	75%	88%	97%	100%	100%		
Temples	0	0	0	0	1	199	452	239	33	0	0	0	0	924	2%
% of Total	0%	0%	0%	0%	0%	22%	49%	26%	4%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	22%	71%	96%	100%	100%	100%	100%	100%		
Tangelos	0	0	2	114	711	221	112	11	0	0	1	0	0	1,173	3%
% of Total	0%	0%	0%	10%	61%	19%	10%	1%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	10%	71%	89%	99%	100%	100%	100%	100%	100%	100%		
Honey Tangerines	0	0	0	0	0	115	675	648	706	220	23	1	0	2,387	6%
% of Total	0%	0%	0%	0%	0%	5%	28%	27%	30%	9%	1%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	5%	33%	60%	90%	99%	100%	100%	100%		
Other Tangerines	0	5	585	1,082	1,542	632	45	2	0	0	2	0	3	3,898	10%
% of Total	0%	0%	15%	28%	40%	16%	1%	0%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	15%	43%	82%	99%	100%	100%	100%	100%	100%	100%	100%		
Total Domestic Citrus	25	201	2,813	5,105	8,540	3,975	4,270	4,169	4,144	3,402	1,733	449	68	38,893	100%
% of Total	0%	1%	7%	13%	22%	10%	11%	11%	11%	9%	4%	1%	0%	100%	
Cumulative %	0%	1%	8%	21%	43%	53%	64%	75%	85%	94%	99%	100%	100%		

NOTE: Numbers may not calculate due to rounding.

Table 7. Total Canadian shipments of Florida fresh citrus, 1998-99 season.

Variety	Period Number													Season Total	% of Total Ship- ments
	1	2	3	4	5	6	7	8	9	10	11	12	13		
	Report Date														
	08/01/98 thru 08/30/98	08/31/98 thru 09/27/98	09/28/98 thru 10/25/98	10/26/98 thru 11/22/98	11/23/98 thru 12/20/98	12/21/98 thru 01/17/99	01/18/99 thru 02/14/99	02/15/99 thru 03/14/99	03/15/99 thru 04/11/99	04/12/99 thru 05/09/99	05/10/99 thru 06/06/99	06/07/99 thru 07/04/99	07/05/99 thru 07/31/99		
----- 1,000 4/5-bushel cartons -----															
Grapefruit	0	62	315	292	316	319	365	380	345	199	22	0	0	2,617	64%
% of Total	0%	2%	12%	11%	12%	12%	14%	15%	13%	8%	1%	0%	0%	100%	
Cumulative %	0%	2%	14%	26%	38%	50%	64%	78%	92%	99%	100%	100%	100%		
Oranges	0	0	42	164	204	97	86	99	99	104	107	16	0	1,019	25%
% of Total	0%	0%	4%	16%	20%	10%	8%	10%	10%	10%	11%	2%	0%	100%	
Cumulative %	0%	0%	4%	20%	40%	50%	58%	68%	78%	88%	98%	100%	100%		
Temples	0	0	0	0	0	6	15	9	1	1	0	0	0	32	1%
% of Total	0%	0%	0%	0%	0%	19%	47%	30%	2%	2%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	19%	66%	96%	98%	100%	100%	100%	100%		
Tangelos	0	0	0	2	9	11	3	1	0	0	0	0	0	25	1%
% of Total	0%	0%	0%	8%	34%	43%	12%	2%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	8%	42%	86%	98%	100%	100%	100%	100%	100%	100%		
Honey Tangerines	0	0	0	0	0	5	58	64	51	14	1	0	0	191	5%
% of Total	0%	0%	0%	0%	0%	2%	30%	33%	27%	7%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	2%	32%	66%	92%	100%	100%	100%	100%		
Other Tangerines	0	0	23	83	50	30	1	0	0	1	0	0	0	188	5%
% of Total	0%	0%	12%	44%	27%	16%	1%	0%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	12%	57%	83%	99%	100%	100%	100%	100%	100%	100%	100%		
Total Canadian Citrus	0	63	381	540	579	468	528	552	496	318	130	16	1	4,072	100%
% of Total	0%	2%	9%	13%	14%	11%	13%	14%	12%	8%	3%	0%	0%	100%	
Cumulative %	0%	2%	11%	24%	38%	50%	63%	76%	89%	96%	100%	100%	100%		

NOTE: Numbers may not calculate due to rounding.

Table 8. Total offshore shipments of Florida fresh citrus, 1998-99season.

Variety	Period Number													Season Total	% of Total Ship- ments
	1	2	3	4	5	6	7	8	9	10	11	12	13		
	Report Date														
	08/01/98 thru 08/30/98	08/31/98 thru 09/27/98	09/28/98 thru 10/25/98	10/26/98 thru 11/22/98	11/23/98 thru 12/20/98	12/21/98 thru 01/17/99	01/18/99 thru 02/14/99	02/15/99 thru 03/14/99	03/15/99 thru 04/11/99	04/12/99 thru 05/09/99	05/10/99 thru 06/06/99	06/07/99 thru 07/04/99	07/05/99 thru 07/31/99		
----- 1,000 4/5-bushel cartons -----															
Grapefruit	0	35	1,403	2,067	1,231	2,252	4,042	4,432	3,208	800	32	6	1	19,509	94%
% of Total	0%	0%	7%	11%	6%	12%	21%	23%	16%	4%	0%	0%	0%	100%	
Cumulative %	0%	0%	7%	18%	24%	36%	57%	79%	96%	100%	100%	100%	100%		
Oranges	0	0	3	9	8	4	47	258	264	396	58	0	0	1,046	5%
% of Total	0%	0%	0%	1%	1%	0%	4%	25%	25%	38%	6%	0%	0%	100%	
Cumulative %	0%	0%	0%	1%	2%	2%	7%	31%	57%	94%	100%	100%	100%		
Temples	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
% of Total	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%		
Tangelos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
% of Total	0%	0%	0%	0%	0%	22%	78%	0%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	22%	100%	100%	100%	100%	100%	100%	100%		
Honey Tangerines	0	0	0	0	0	3	29	28	12	1	0	0	0	73	0%
% of Total	0%	0%	0%	0%	0%	4%	40%	38%	17%	1%	0%	0%	0%	100%	
Cumulative %	0%	0%	0%	0%	0%	4%	44%	82%	99%	100%	100%	100%	100%		
Other Tangerines	0	0	1	9	3	3	0	0	0	0	0	0	0	16	0%
% of Total	0%	0%	6%	57%	21%	16%	0%	0%	0%	0%	0%	0%	0%	100%	
Cumulative %	0%	0%	6%	63%	84%	100%	100%	100%	100%	100%	100%	100%	100%		
Total Offshore Citrus	0	35	1,407	2,086	1,242	2,261	4,118	4,718	3,484	1,197	90	6	1	20,645	100%
% of Total	0%	0%	7%	10%	6%	11%	20%	23%	17%	6%	0%	0%	0%	100%	
Cumulative %	0%	0%	7%	17%	23%	34%	54%	77%	94%	100%	100%	100%	100%		

NOTE: Numbers may not calculate due to rounding.

Table 9. Market ranking of fresh Florida grapefruit, top 35 domestic and Canadian market areas, 1998-99 season.

Market Ranking	Market Area	1,000 4/5-Bushel Cartons	% Total Domestic & Canadian Shipments	Cumulative Shipment %	1997-98 Ranking by Market Area
1	New York City	2,080	11.62	11.62	New York City
2	Ontario	1,287	7.19	18.81	Ontario
3	Boston	901	5.03	23.84	Boston
4	Quebec	879	4.91	28.75	Chicago
5	Chicago	817	4.57	33.32	Quebec
6	Philadelphia	692	3.87	37.18	Philadelphia
7	West Palm Beach	593	3.32	40.50	West Palm Beach
8	Baltimore	438	2.45	42.95	Atlanta
9	Atlanta	434	2.43	45.37	Miami
10	Miami	411	2.29	47.67	Tampa-St. Petersburg
11	Tampa-St. Petersburg	394	2.20	49.87	Washington, DC
12	Minneapolis	385	2.15	52.02	Seattle-Tacoma
13	Detroit	384	2.15	54.17	Detroit
14	Seattle-Tacoma	343	1.92	56.08	Cleveland
15	St. Louis	341	1.90	57.99	St. Louis
16	Cleveland	324	1.81	59.79	Los Angeles
17	Springfield	304	1.70	61.49	Baltimore
18	Milwaukee	287	1.61	63.10	Minneapolis
19	Washington, DC	285	1.59	64.69	Springfield
20	Pittsburgh	267	1.49	66.18	Charlotte
21	Indianapolis	253	1.41	67.59	Milwaukee
22	Charlotte	243	1.36	68.95	Harrisburg-York
23	Los Angeles	239	1.33	70.28	Pittsburgh
24	British Columbia	185	1.03	71.32	Indianapolis
25	Harrisburg-York	183	1.02	72.34	Jacksonville
26	Orlando-Daytona	171	.96	73.30	Spartanburg
27	Scranton	170	.95	74.25	Scranton
28	Jacksonville	162	.90	75.15	Cincinnati
29	Lansing	159	.89	76.04	Birmingham
30	Spartanburg	149	.83	76.87	Lansing
31	Dayton	143	.80	77.67	Orlando-Daytona
32	Denver	133	.74	78.41	British Columbia
33	Birmingham	132	.74	79.15	Dayton
34	Salt Lake City	132	.73	79.89	Denver
35	Albany-Troy	130	.73	80.61	Rochester
35-Market Total		14,429	80.61		
Total Domestic & Canadian		17,890	100.00		

NOTE: Numbers may not calculate due to rounding.

Table 10. Market ranking of fresh Florida oranges, top 35 domestic and Canadian market areas, 1998-99 season.

Market Ranking	Market Area	1,000 4/5-Bushel Cartons	% Total Domestic & Canadian Shipments	Cumulative Shipment %	1997-98 Ranking by Market Area
1	New York City	2,404	14.79	14.79	New York City
2	Atlanta	881	5.42	20.21	Atlanta
3	Philadelphia	664	4.08	24.29	Miami
4	Miami	656	4.04	28.32	Chicago
5	Chicago	624	3.84	32.16	Philadelphia
6	West Palm Beach	570	3.51	35.67	Ontario
7	Orlando-Daytona	539	3.31	38.98	Boston
8	Ontario	534	3.28	42.27	West Palm Beach
9	Boston	498	3.07	45.33	Tampa-St. Petersburg
10	Tampa-St. Petersburg	457	2.81	48.14	Charlotte
11	Baltimore	405	2.49	50.63	Washington, DC
12	Birmingham	357	2.20	52.83	Quebec
13	Los Angeles	350	2.15	54.98	Birmingham
14	Charlotte	337	2.07	57.05	Baltimore
15	Quebec	299	1.84	58.89	Orlando-Daytona
16	Jacksonville	297	1.83	60.72	Jacksonville
17	Washington, DC	254	1.56	62.28	Spartanburg
18	San Francisco	228	1.40	63.68	Detroit
19	Detroit	225	1.39	65.07	Raleigh-Durham
20	Spartanburg	205	1.26	66.32	Columbia
21	Raleigh-Durham	204	1.25	67.58	Nashville
22	Indianapolis	198	1.22	68.80	New Orleans
23	Nashville	168	1.03	69.83	Richmond
24	Memphis	165	1.01	70.84	Indianapolis
25	Columbia	164	1.01	71.85	Louisville
26	Louisville	163	1.00	72.86	Memphis
27	Richmond	158	.97	73.83	Cleveland
28	New Orleans	149	.92	74.75	Montgomery
29	Scranton	147	.90	75.65	Cincinnati
30	Roanoke-Lynchburg	143	.88	76.53	Springfield
31	Montgomery	135	.83	77.36	Oklahoma City
32	Cleveland	131	.80	78.16	Harrisburg-York
33	Ardmore-Ada	129	.80	78.96	Scranton
34	Pittsburgh	125	.77	79.73	Ardmore-Ada
35	Milwaukee	108	.66	80.39	Knoxville
35-Market Total		13,069	80.39		
Total Domestic & Canadian		16,257	100.00		

NOTE: Numbers may not calculate due to rounding.

Table 11. Market ranking of fresh Florida Temples, top 35 domestic and Canadian market areas, 1998-99 season.

Market Ranking	Market Area	1,000 4/5-Bushel Cartons	% Total Domestic & Canadian Shipments	Cumulative Shipment %	1997-98 Ranking by Market Area
1	New York City	124	12.96	12.96	New York City
2	Chicago	63	6.61	19.57	Atlanta
3	Philadelphia	57	5.94	25.50	Philadelphia
4	Atlanta	49	5.14	30.65	Baltimore
5	Baltimore	39	4.12	34.77	Boston
6	Detroit	39	4.05	38.82	Detroit
7	Miami	37	3.90	42.72	Washington, DC
8	Washington, DC	30	3.17	45.89	Tampa-St. Petersburg
9	Boston	30	3.16	49.05	West Palm Beach
10	Tampa-St. Petersburg	24	2.49	51.54	Chicago
11	West Palm Beach	23	2.45	53.99	Miami
12	Indianapolis	23	2.39	56.38	Ontario
13	Cleveland	18	1.92	58.30	Charlotte
14	Charlotte	17	1.76	60.07	Cleveland
15	Pittsburgh	15	1.54	61.60	Springfield
16	Ontario	14	1.48	63.08	Richmond
17	Dayton	13	1.40	64.48	Milwaukee
18	Jacksonville	12	1.31	65.79	Raleigh-Durham
19	Raleigh-Durham	12	1.26	67.05	Spartanburg
20	Milwaukee	12	1.22	68.27	Harrisburg-York
21	Springfield	12	1.21	69.48	Memphis
22	Richmond	11	1.15	70.64	Indianapolis
23	Grand Rapids	11	1.11	71.74	Pittsburgh
24	Spartanburg	10	1.09	72.83	Nashville
25	Lansing	10	1.05	73.88	Birmingham
26	Birmingham	10	1.04	74.92	Montgomery
27	Harrisburg-York	9	.90	75.82	Quebec
28	Cincinnati	8	.88	76.70	Cincinnati
29	Rochester	8	.87	77.57	Scranton
30	Phoenix	8	.80	78.36	Jacksonville
31	Orlando-Daytona	7	.77	79.13	Dayton
32	Nashville	7	.76	79.89	Louisville
33	Memphis	7	.68	80.58	Rochester
34	Buffalo	6	.65	81.23	Columbia
35	Louisville	6	.61	81.85	Orlando-Daytona
35-Market Total		782	81.85		
Total Domestic & Canadian		956	100.00		

NOTE: Numbers may not calculate due to rounding.

Table 12. Market ranking of fresh Florida tangelos, top 35 domestic and Canadian market areas, 1998-99 season.

Market Ranking	Market Area	1,000 4/5-Bushel Cartons	% Total Domestic & Canadian Shipments	Cumulative Shipment %	1997-98 Ranking by Market Area
1	West Palm Beach	163	13.60	13.60	West Palm Beach
2	Atlanta	82	6.85	20.45	Atlanta
3	Philadelphia	61	5.05	25.50	New York City
4	New York City	43	3.62	29.12	Philadelphia
5	Tampa-St. Petersburg	39	3.28	32.40	Charlotte
6	Charlotte	36	2.99	35.39	Raleigh-Durham
7	Raleigh-Durham	33	2.79	38.18	Birmingham
8	Birmingham	33	2.74	40.92	Washington, DC
9	Miami	28	2.30	43.23	Columbia
10	Baltimore	27	2.25	45.48	Tampa-St. Petersburg
11	Indianapolis	25	2.10	47.58	Richmond
12	Nashville	25	2.05	49.63	Baltimore
13	Detroit	23	1.93	51.56	Indianapolis
14	Washington, DC	22	1.83	53.39	Miami
15	Cincinnati	20	1.71	55.10	Nashville
16	Columbia	20	1.67	56.78	Cleveland
17	Cleveland	20	1.66	58.44	Cincinnati
18	Louisville	19	1.61	60.04	Detroit
19	Jacksonville	19	1.59	61.63	Boston
20	Spartanburg	18	1.52	63.15	Spartanburg
21	Richmond	18	1.51	64.67	Jacksonville
22	Milwaukee	17	1.45	66.11	Knoxville
23	Columbus	17	1.38	67.50	Louisville
24	Boston	16	1.37	68.86	Chicago
25	Grand Rapids	16	1.36	70.22	Winston-Salem
26	Knoxville	14	1.16	71.38	Roanoke-Lynchburg
27	Roanoke-Lynchburg	13	1.11	72.49	Dayton
28	Winston-Salem	13	1.06	73.55	Pittsburgh
29	Dayton	13	1.05	74.60	Harrisburg-York
30	Pittsburgh	12	.98	75.59	Columbus
31	Chicago	9	.79	76.37	Milwaukee
32	Chattanooga	9	.78	77.16	Orlando-Daytona
33	Norfolk	9	.77	77.93	Grand Rapids
34	Quebec	9	.76	78.68	Memphis
35	Memphis	9	.74	79.42	Ontario
35-Market Total		952	79.42		
Total Domestic & Canadian		1,198	100.00		

NOTE: Numbers may not calculate due to rounding.

Table 13. Market ranking of fresh Florida other tangerines, top 35 domestic and Canadian market areas, 1998-99 season.

Market Ranking	Market Area	1,000 4/5-Bushel Cartons	% Total Domestic & Canadian Shipments	Cumulative Shipment %	1997-98 Ranking by Market Area
1	New York City	531	12.99	12.99	New York City
2	Atlanta	174	4.26	17.24	Chicago
3	Chicago	168	4.12	21.36	Atlanta
4	Boston	160	3.91	25.27	Boston
5	Ontario	158	3.86	29.13	Philadelphia
6	Los Angeles	156	3.83	32.95	Los Angeles
7	Philadelphia	143	3.51	36.46	Ontario
8	Tampa-St. Petersburg	137	3.35	39.81	Baltimore
9	Baltimore	127	3.12	42.93	Tampa-St. Petersburg
10	Miami	118	2.89	45.81	Detroit
11	Indianapolis	104	2.55	48.36	Miami
12	Charlotte	97	2.38	50.74	Washington, DC
13	Detroit	94	2.31	53.05	Charlotte
14	Jacksonville	71	1.73	54.77	Spartanburg
15	Birmingham	70	1.72	56.50	Jacksonville
16	Raleigh-Durham	62	1.51	58.01	Indianapolis
17	San Francisco	57	1.39	59.40	San Francisco
18	Memphis	56	1.36	60.76	Raleigh-Durham
19	Washington, DC	55	1.35	62.11	Cincinnati
20	Pittsburgh	54	1.32	63.43	Birmingham
21	Oklahoma City	51	1.25	64.68	Ardmore-Ada
22	Springfield	50	1.24	65.92	Cleveland
23	Ardmore-Ada	50	1.23	67.15	Springfield
24	Cincinnati	48	1.18	68.33	Mobile-Pensacola
25	Spartanburg	48	1.18	69.51	Scranton
26	Minneapolis	48	1.17	70.68	Memphis
27	Richmond	45	1.09	71.77	Milwaukee
28	Cleveland	41	1.00	72.78	Minneapolis
29	Orlando-Daytona	41	1.00	73.77	Orlando-Daytona
30	Nashville	41	1.00	74.77	Nashville
31	Columbia	39	.96	75.73	Louisville
32	Grand Rapids	38	.92	76.66	Oklahoma City
33	Scranton	37	.90	77.55	St. Louis
34	Lexington	36	.89	78.44	New Orleans
35	Buffalo	35	.86	79.31	Columbia
35-Market Total		3,240	79.31		
Total Domestic & Canadian		4,086	100.00		

NOTE: Numbers may not calculate due to rounding.

Table 14. Market ranking of fresh Florida honey tangerines, top 35 domestic and Canadian market areas, 1998-99 season.

Market Ranking	Market Area	1,000 4/5-Bushel Cartons	% Total Domestic & Canadian Shipments	Cumulative Shipment %	1997-98 Ranking by Market Area
1	Los Angeles	403	15.64	15.64	New York City
2	New York City	347	13.46	29.10	Los Angeles
3	San Francisco	141	5.46	34.56	San Francisco
4	Ontario	103	4.00	38.56	Orlando-Daytona
5	Chicago	101	3.91	42.47	Chicago
6	Orlando-Daytona	93	3.59	46.06	Ontario
7	Miami	90	3.51	49.57	Miami
8	Boston	78	3.02	52.60	Boston
9	Tampa-St. Petersburg	64	2.47	55.07	Atlanta
10	Philadelphia	63	2.43	57.50	Tampa-St. Petersburg
11	Atlanta	62	2.40	59.89	Philadelphia
12	Baltimore	54	2.10	61.99	Ardmore-Ada
13	Ardmore-Ada	52	2.01	64.00	Baltimore
14	Jacksonville	51	1.97	65.97	Seattle-Tacoma
15	Seattle-Tacoma	40	1.54	67.51	Washington, DC
16	Washington, DC	36	1.39	68.90	Jacksonville
17	Detroit	32	1.25	70.15	New Orleans
18	British Columbia	32	1.24	71.39	Detroit
19	Oklahoma City	28	1.08	72.48	British Columbia
20	Portland	27	1.05	73.53	Charlotte
21	San Antonio	27	1.03	74.56	Quebec
22	New Orleans	26	1.00	75.56	San Antonio
23	Minneapolis	25	.98	76.54	Raleigh-Durham
24	Denver	24	.91	77.45	Portland
25	Memphis	23	.91	78.36	Minneapolis
26	Quebec	22	.87	79.23	Birmingham
27	Charlotte	22	.84	80.07	Denver
28	Birmingham	21	.80	80.87	West Palm Beach
29	Raleigh-Durham	19	.75	81.61	Memphis
30	Sacramento	19	.74	82.36	Milwaukee
31	Saskatchewan	17	.66	83.02	Cleveland
32	West Palm Beach	17	.65	83.67	Dallas-Fort Worth
33	St. Louis	16	.63	84.30	Columbia
34	Richmond	16	.60	84.90	Bangor
35	Grand Rapids	15	.60	85.50	Oklahoma City
35-Market Total		2,204	85.50		
Total Domestic & Canadian		2,578	100.00		

NOTE: Numbers may not calculate due to rounding.

Table 15. Offshore shipments of Florida fresh grapefruit, 1989-90 through 1998-99 seasons.^a

Country	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
----- 1,000 4/5-bushel cartons -----										
Belgium	571	1,811	953	1,339	1,845	1,094	1,137	1,383	796	924
England	386	744	608	605	669	869	718	808	953	821
France	1,796	2,783	3,046	2,486	2,248	2,064	2,551	2,679	2,508	2,010
Germany	187	334	401	449	354	233	325	82	112	233
Holland	736	1,561	1,479	2,077	2,293	3,761	4,605	4,385	4,287	4,084
Italy	105	99	65	49	2	6	3	0	1	0
Japan	5,200	11,184	11,011	9,184	11,541	10,428	11,324	11,045	9,309	9,967
Norway	^b	1	2	6	7	0	2	10	7	11
Puerto Rico	8	8	4	7	7	12	4	6	6	7
Sweden	34	60	57	63	48	47	80	86	68	81
Switzerland	78	14	3	0	1	0	1	0	0	^b
Denmark	^b	1	10	7	16	23	38	45	42	42
Taiwan	123	488	661	872	849	619	1,120	1,482	752	1,062
South Korea	72	201	238	238	375	461	270	348	25	79
Hong Kong	22	41	40	42	35	30	59	42	35	58
Singapore	7	16	34	31	28	28	33	50	31	25
Finland	0	0	6	13	16	21	52	58	72	92
Other	2	9	26	19	30	15	24	39	24	13
TOTAL^c	9,328	19,353	18,637	17,478	20,348	19,711	22,344	22,544	19,028	19,509

^aAugust 1 through July 31.^bLess than 500 cartons.^cColumns may not add up to total due to rounding.

Table 16. Offshore shipments of Florida fresh oranges and Temples, 1989-90 through 1998-99 seasons.^a

Country	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
----- 1,000 4/5-bushel cartons -----										
Belgium	2	1	4	8	2	2	1	6	5	0
England	0	10	16	9	6	6	1	11	8	6
France	2	0	5	0	^b	2	^b	0	^b	0
Germany	0	0	^b	1	^b	0	0	0	^b	0
Holland	1	50	23	22	3	113	93	39	14	3
Italy	^b	0	0	0	1	0	0	1	0	0
Japan	4	328	37	11	55	^b	27	22	22	149
Norway	0	0	0	^b	0	0	0	0	0	0
Puerto Rico	4	18	9	12	2	9	2	8	9	17
Sweden	0	0	0	0	0	7	0	0	0	0
Taiwan	0	95	181	95	256	600	467	334	264	495
South Korea	0	12	9	0	^b	0	0	^b	0	353
Hong Kong	0	154	90	17	0	0	4	^b	0	13
Singapore	0	4	4	1	1	2	8	11	7	2
Finland	0	0	1	0	0	0	5	0	0	0
Other	0	0	18	6	19	12	32	14	7	9
TOTAL^c	13	673	397	184	346	754	642	447	335	1,046

^aAugust 1 through July 31.

^bLess than 500 cartons.

^cColumns may not add up to total due to rounding.