

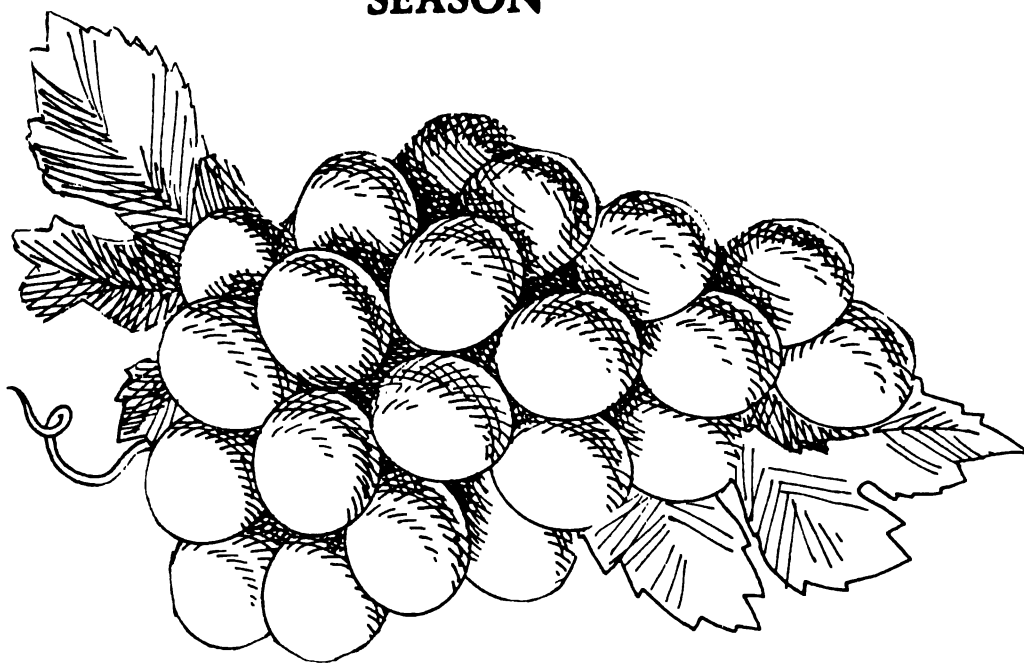
Marketing California

GRAPES

FOR FRESH USE

1987

SEASON



FEDERAL-STATE MARKET NEWS SERVICE

**United States
Department of Agriculture
Agricultural Marketing Service
Market News Branch**

**State of California
Department of Food & Agriculture
Division of Marketing Services
Market News Branch**

P R E F A C E

This annual summary contains information on the marketing of California grapes for fresh use. In addition, certain production information is included which is reported by the California Crop and Livestock Reporting Service.

The information compiled for this bulletin was made possible by the cooperation of many involved in the production and marketing of grapes for fresh use. Their assistance is greatly appreciated. Compilation and typing was performed by Mary Jane Taylor.

State of California
Department of Food & Agriculture
Division of Marketing Services

U.S. Department of Agriculture
Crop Reporting Board
Statistical Reporting Service
and the
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MARKETING CALIFORNIA GRAPES FOR FRESH TABLE USE**NARRATIVE REVIEW OF CALIFORNIA GRAPES FOR FRESH TABLE USE****1987 SEASON**

The 1987 table grape season was marked by a continued emphasis on marketing the crop by the first of the year and a crop of 53 million packages that rivaled last year's crop of 54 million packages. Several varieties were of excellent quality and commanded good buyer interest throughout most of the deal.

Initial harvest activity got underway in the Coachella Valley District on May 11, twelve days later than last season, and continued through July 17. As in previous years, three varieties dominated the harvest activity. Harvest totals on 22 lb. lugs of Perlette (2.7 million lugs), Flame Seedless (2.5 million lugs) and Thompson Seedless (1.6 million lugs). This compared to last season's Perlette (2.8 million lugs), Flame Seedless (2.0 million lugs) and Thompson Seedless (2.8 million lugs). Total harvest and shipments for the Coachella Valley District were 7.4 million packages compared to 8.2 million packages last year. Shipments from the Central and Southern San Joaquin and Northern California Districts totaled 45 million packages compared to 46 million last season. Market activity after the first of the year experienced lower prices than the previous year as imported supplies were available earlier in heavy volume when compared to last season. Late storage stocks were noted having limited shelf life in the latter part of the deal.

Coachella Valley District f.o.b. prices were first reported on May 27 with a 22 lb. lug of Perlette at mostly \$25.00. Perlettes and Flame Seedless for the balance of the deal ranged \$5.00-25.00, Thompson Seedless ranged \$5.00-14.00. Central and Southern San Joaquin Valley District f.o.b. prices on a 23 lb. lug opened on July 1 in the Kern District with Flame Seedless and Perlette ranging from \$8.00-10.00. Through the balance of the deal Thompson Seedless ranged \$8.00-10.00, Flame Seedless \$8.00-14.00, Ruby Seedless \$7.00-10.00 and Emperor \$7.00-14.00. Northern San Joaquin Valley Tokay were mostly \$7.00 throughout the season.

Cold storage holdings of California table grapes were in peak volume on September 15 with 10.1 million packages in storage compared to last season's peak period on October 15 of 9.6 million packages. Thompson Seedless holdings peaked on August 31 with 7.1 million packages and Flame Seedless holdings peaked on August 31 with 1.0 million packages in storage. Ruby Seedless holdings peaked on September 30 with 2.4 million packages and Emperor holdings peaked on October 31 with 2.4 million packages in storage.

TABLE 1. TABLE GRAPES: RAIL, TRUCK AND AIR SHIPMENTS, CALIFORNIA AND ARIZONA, AND U.S. IMPORTS, BY COUNTRY OF ORIGIN, BY MONTH 1987-88 WITH COMPARISONS

Origin and Carrier	1987-88											TOTAL	TOTAL
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1987-88	1986-87
1,000 Lugs - 23 lb. a/													
CALIFORNIA													
Northern													
Rail-Mechanical	-	-	-	-	56.1	10.4	-	-	-	-	-	66.5	12.6
Rail-Van	-	-	-	-	5.2	1.7	-	-	-	-	-	6.9	31.3
Truck b/	-	-	-	55.2	196.1	5.2	-	-	-	-	-	256.5	413.4
Total	-	-	-	55.2	257.4	17.3	-	-	-	-	-	329.9	457.3
Central													
Rail-Mechanical	-	-	5.2	-	20.9	2.6	-	-	-	-	-	28.7	38.6
Rail-Van	-	22.6	711.3	833.0	1,125.7	824.8	350.0	184.3	30.9	12.2	1.7	4,096.5	4,200.4
Truck b/	-	198.3	7,485.7	9,970.9	8,367.8	6,636.1	5,287.8	2,457.4	373.9	145.7	47.4	40,971.0	41,276.4
Total	-	220.9	8,202.2	10,803.9	9,514.4	7,463.5	5,637.8	2,641.7	404.8	157.9	49.1	45,096.2	45,515.4
Southern													
Rail-Van	-	220.4	21.7	-	-	-	-	-	-	-	-	242.1	382.5
Truck b/	253.0	6,263.9	293.5	-	-	-	-	-	-	-	-	6,810.4	7,541.3
Total	253.0	6,484.3	315.2	-	-	-	-	-	-	-	-	7,052.5	7,923.8
TOTAL CALIFORNIA													
Rail-Mechanical	-	-	5.2	-	77.0	13.0	-	-	-	-	-	95.2	51.2
Rail-Van	-	243.0	733.0	833.0	1,130.9	826.5	350.0	184.3	30.9	12.2	1.7	4,345.5	4,614.2
Truck b/	253.0	6,462.2	7,779.2	10,026.1	8,563.9	6,641.3	5,287.8	2,457.4	373.9	145.7	47.4	48,037.9	49,231.1
Total	253.0	6,705.2	8,517.4	10,859.1	9,771.8	7,480.8	5,637.8	2,641.7	404.8	157.9	49.1	52,478.6	53,896.5
ARIZONA													
Rail-Mechanical	-	-	-	-	-	-	-	-	-	-	-	-	-
Rail-Van	-	7.0	7.0	-	-	-	-	-	-	-	-	14.0	57.0
Truck	27.4	1,013.9	664.3	3.0	-	-	.9	.4	-	-	-	1,709.9	1,911.8
Total	27.4	1,020.9	671.3	3.0	-	-	.9	.4	-	-	-	1,723.9	1,968.8
TOTAL SHIPMENTS													
Rail-Mechanical	-	-	5.2	-	77.0	13.0	-	-	-	-	-	95.2	51.2
Rail-Van	-	250.0	740.0	833.0	1,130.9	826.5	350.0	184.3	30.9	12.2	1.7	4,359.5	4,671.2
Truck	280.4	7,476.1	8,443.5	10,029.1	8,563.9	6,641.3	5,288.7	2,457.8	373.9	145.7	47.4	49,747.8	51,142.9
Total	280.4	7,726.1	9,188.7	10,862.1	9,771.8	7,480.8	5,638.7	2,642.1	404.8	157.9	49.1	54,202.5	55,865.3
IMPORTS													
Argentina	-	-	-	-	-	-	-	-	-	3.0	-	3.0	28.2
Australia	1.3	-	-	-	-	-	-	-	-	-	-	1.3	-
Brazil	-	-	-	-	-	-	-	-	-	9.6	10.9	20.5	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-	693.5
Chile	316.1	-	-	-	-	-	-	693.5	3,608.3	8,458.3	7,467.8	20,544.0	8,435.6
Italy	-	-	-	-	-	-	-	-	-	-	-	-	7.3
Mexico	267.0	2,363.9	397.0	-	-	-	1.7	23.9	-	-	-	3,053.5	2,306.6
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	12.6
Spain	-	-	-	-	-	-	-	-	-	-	-	-	4.8
Taiwan	-	-	-	-	-	-	-	-	-	.4	-	.4	-
Total	584.4	2,363.9	397.0	-	-	-	1.7	717.4	3,608.3	8,471.3	7,478.7	23,622.7	11,488.6

Compiled data provided by the U.S. Department of Agriculture, Fruit and Vegetable Division, Washington, D.C.

a/ Data originally reported in weight and converted to lugs of 23 pounds each.

b/ Truck may include air shipments.

TABLE GRAPES: WEEKLY RANGE F.O.B. SHIPPING POINT, BY DISTRICTS
BY VARIETY, CALIFORNIA 1987-88 SEASON a/

Week Ending	Coachella Valley District						Week Ending	Lodi District					
	Dollars per 22 pound lug							Dollars per 23 pound lug					
1987	Perlette						1987	Tokay					
May 31	25.00-30.00						Aug. 23	7.00-8.00					
							30	7.00					
							Sept. 6	7.00					
June 7	16.00-25.00	Flame Seedless		Beauty Seedless	Thompson Seedless		13	7.00					
14	12.00-14.00	12.00-16.00		20.00-30.00		20	7.00						
21	8.00-12.00	8.00-12.00		14.00-18.00	Exotic	27	7.00						
28	5.00-8.00	6.00-8.00		12.00-14.00	16.00-22.00								
July 5	5.00-6.00	6.00-8.00		7.00-10.00	10.00-18.00	Oct. 4	7.00						
12		5.00-8.00		6.00-8.00	8.00-12.00		Last Report						
				5.00-8.00	7.00-8.00								
Week Ending	Kern District						Central San Joaquin Valley District						
	Dollars per 23 pound lug												
1987		Flame Seedless		Perlette			Flame Seedless	Thompson Seedless	Exotic				
July 5		8.00-10.00		8.00-10.00			6.00-8.00	7.00-8.00	8.00				
12	Thompson Seedless	8.00-9.00	Exotic	7.00-8.00			7.00-8.00	8.00	7.00-8.00				
19	8.00-9.00	7.00-8.00	8.00-12.00	7.00-8.00			6.00-8.00	7.00-8.00	8.00				
26	8.00	7.00-8.00	8.00-10.00	7.00-8.00			6.00-8.00	7.00-8.00	8.00				
Aug. 2	8.00-9.00	7.00-8.00	8.00				6.00-8.00	7.00-9.00	7.00-8.00				
9	8.00-9.00	7.00-8.00	8.00				7.00-8.00	8.00	7.00-8.00	Ribier			
16	9.00	8.00-9.00	8.00	Ribier	Queen		7.00-8.00	8.00-9.00	7.00-8.00	8.00-9.00			
23	9.00	9.00-10.00	8.00	8.00-9.00	7.00-8.00		8.00-9.00	8.00-9.00	7.00-8.00	8.00-9.00			
30	9.00	10.00	8.00	8.00-9.00	7.00-8.00		9.00-10.00	8.00-9.00	7.00-8.00	8.00-9.00			
Sept. 6	9.00-10.00	10.00-12.00	10.00-12.00	8.00-9.00	7.00-8.00		10.00-12.00	8.00-9.00	9.00-10.00	8.00-9.00	Christmas Rose	Red Globe	
13	9.00-10.00	12.00-14.00	10.00-12.00	8.00-9.00			10.00-12.00	8.00-9.00	9.00-10.00	8.00	10.00-12.00	12.00-14.00	
20	9.00-10.00	12.00-14.00	10.00-12.00	8.00-9.00	Ruby Seedless		12.00-14.00	8.00-9.00	8.00-10.00	8.00-9.00	10.00-12.00	12.00-16.00	
27	9.00-10.00		10.00-12.00	8.00-9.00	10.00		12.00-14.00	8.00-9.00	8.00-10.00	8.00-9.00	10.00-12.00	12.00-16.00	
Oct. 4	9.00-10.00	Emperor		9.00-10.00	10.00		12.00-14.00	8.00-9.00	8.00-10.00	8.00-9.00			Emperor
11	9.00-10.00	9.00	Calmeria	9.00-10.00	10.00		12.00-14.00	8.00-9.00	8.00-10.00	8.00-9.00	10.00	7.00-8.00	
18	9.00-10.00 ^{b/}	9.00	10.00	9.00-10.00	10.00		12.00-14.00	8.00-9.00	8.00-10.00	8.00-9.00	8.00-10.00	7.00-8.00	
25	9.00-12.00 ^{c/}	9.00	10.00	9.00-10.00	10.00		10.00-14.00	8.00-10.00	9.00-10.00	8.00-9.00	8.00-10.00	7.00-8.00	
Nov. 1	10.00-12.00 ^{c/}	9.00	10.00	9.00-10.00	10.00		Calmeria		9.00-10.00	8.00-9.00	8.00-10.00	8.00-9.00	
8	10.00-12.00 ^{c/}	9.00-10.00	10.00	9.00-10.00	10.00		8.00-10.00		8.00-11.00	8.00-9.00	8.00-10.00	8.00-9.00	
15		9.00-10.00	10.00	9.00-10.00	10.00		8.00-10.00		8.00-11.00	8.00-9.00	8.00-10.00	9.00-10.00	
22		10.00-12.00	10.00	9.00-10.00	10.00		8.00-10.00		8.00-10.00	8.00-9.00	8.00-10.00	9.00-12.00	
29		12.00	10.00	9.00-10.00	10.00		8.00-10.00		8.00-10.00	8.00-9.00		12.00	
Dec. 6		12.00-14.00	10.00-12.00				9.00-10.00		8.00-10.00	8.00-10.00		12.00-14.00	
13		14.00	12.00				10.00-12.00		8.00-10.00			12.00-14.00	
20		14.00					10.00-12.00		8.00-10.00			11.00-14.00	
27		14.00							8.00-10.00			11.00-14.00	
1988		Last Report											
Jan. 3									7.00-10.00			10.00-14.00	
10									7.00-9.00			10.00-12.00	
17									7.00-9.00			8.00-10.00	
										Last Report			

Compiled from the Western Grape Report issued by the Federal-State Market News Service, Fresno, California.
a/Prices listed represent the first quoted price or price range and do not include those listed as few, occasional or one mark, unless otherwise stated.
^{b/}20-21 lb. bagged.
^{c/}20-21 lb. wrapped.

TABLE 3. TABLE GRAPES: WHOLESALE PRICES AT LOS ANGELES AND SAN FRANCISCO, BY MAJOR VARIETIES OF CALIFORNIA ORIGIN, EACH THURSDAY, 1987-88 MARKETING SEASON

Date	Los Angeles				San Francisco			
Dollars per 22-23 pound lug ^{a/}								
1987	Perlette	Flame Seedless			Perlette	Flame Seedless		
May 28	28.00-36.00	36.00-40.00			30.00-37.00			
June 4	20.00-23.00	20.00-24.00			24.00-26.00	28.00-29.00		
11	14.00-17.00	14.00-18.00			17.00	17.00-17.50		
18	13.00-16.00	12.00-15.00	Thompson Seedless	Exotic	13.00-15.00	13.00-15.00	Thompson Seedless	
25	8.00-11.50	9.00-11.00	10.00-13.00	18.00-22.00	10.00-11.00	10.00-13.00	13.00	
July 2	3.00-5.00	8.00-11.00	10.00-13.00	13.00-16.00	10.50-12.00	12.00-14.00	12.00-15.00	Exotics
9 ^{a/}	1.00-3.00	7.00-9.00	9.00-11.00	8.00-10.00	10.50	11.00-12.50	8.00-10.00	14.00
16		7.00-8.00	8.00-10.00	8.00-10.00	9.00-10.00	9.00-10.00	10.00-10.50	14.00-16.00
23 ^{a/}	7.00-10.00	9.75-14.00	9.00-12.00	11.00-12.00		9.50-10.50	10.00-10.50	10.00-13.00
30		9.00-13.00	8.00-12.00	10.00-12.00		9.50	10.00-10.50	10.00-10.50
Aug. 6	Cardinal	10.00-14.00	10.00-13.00	9.00-11.00		9.50	9.50-10.50	10.00
13		10.00-13.00	11.00-13.00	9.50-11.00		9.50	9.50-10.50	10.00
20	Red Globe	11.50-14.00	11.00-13.00	9.00-11.00		10.00-11.00	10.00-11.00	10.00-11.00
27	18.00-20.00	12.00-14.00	10.00-13.00	9.00-11.00		12.00-13.00	10.00-12.00	9.00-10.00
Sept. 3	Ribier	12.00-14.00	10.00-12.00	9.00-11.00	Ribier	12.00-13.00	10.00-12.00	9.00-10.00
10	10.50-12.00	13.00-16.00	10.00-14.00	10.00-14.00	10.00-12.00	12.00-13.00	10.00-12.00	9.00-10.00
17	10.00-12.00	12.50-15.00	11.50-14.00	9.00-10.00	10.00-12.00	12.00-13.00	10.00-12.00	
24	9.50-12.00	12.00-15.00	11.00-15.00		10.50-11.50	12.00-13.00	10.00-12.00	9.00-10.00
Oct. 1	9.00-12.00	14.00-16.00	12.00-16.00	9.00-12.00	10.00-12.00	12.00-13.00	10.00-12.00	9.00-10.00
8	8.00-12.00	14.00-16.00	12.00-16.00	8.00-12.00	10.00-12.00	12.00-13.00	10.00-12.00	9.00-10.00
15	10.00-12.00	11.00-12.00	12.00-14.00	Emperor	10.00-12.00	12.00-13.00	10.00-12.00	9.00-10.00
22	9.50-11.00	11.00-13.00	10.00-12.00	11.00-12.00	10.00-12.00	12.00-13.00	10.00-12.00	
29	11.00-12.00	10.00-11.00	11.00-12.00	10.00-12.00	8.00-10.00			
Nov. 5	11.00-14.00	14.00-16.00	13.00-16.00	11.00-13.00	11.00-12.00			Emperor
12	11.00-13.00	14.00-16.00	16.00-18.00	10.00-12.00	12.50			11.50-13.50
19	11.00-14.00	10.50-16.00	10.00-16.00	9.00-12.00				
26	12.00-15.00	12.00-16.00		11.00-15.00				11.50-13.50
Dec. 3	10.00-15.00	12.00-16.00		12.00-14.00				15.00-16.00
10	10.00-14.00	12.00-14.00		12.00-15.00				15.00-16.00
17	Calmeria	11.00-14.00		12.00-16.00				15.00-16.00
24	12.00			12.00				16.50
31	12.00-15.00			13.00				18.00
1988								
Jan. 7	15.00							18.00
14								
21								
28								

Compiled from reports of the Federal-State Market News Service, Los Angeles and San Francisco, California.

^{a/} 23 pound lug prices effective for San Francisco July 9th, Los Angeles July 23.

**TABLE 4. TABLE GRAPES: WHOLESALE PRICES AT CHICAGO AND NEW YORK,
BY MAJOR VARIETIES OF CALIFORNIA ORIGIN,
EACH THURSDAY, 1987-88 MARKETING SEASON**

Date		Chicago				New York			
Dollars per 22-23 pound lug ^{a/}									
1987		Perlette	Flame Seedless	Thompson Seedless	Exotic	Perlette	Flame Seedless	Thompson Seedless	Exotics
June	4	28.00-29.00	34.00-36.00			30.00-38.00	30.00-38.00		
	11	18.00-19.00	18.00-20.00			18.00-21.00	20.00-23.00		
	18	13.00-15.00	14.00-16.00	17.00-18.00	25.00	14.00-18.00	13.00-16.00		
	25	10.00-12.00	10.00-12.00	15.00	21.00		16.00	18.00	24.00-25.00
July	2 ^{a/}	16.00-17.00	17.00-18.00	11.00-13.00			15.00-16.00	15.00-16.00	18.00-20.00
	9	16.00-17.00	16.00-18.00	17.00	19.00-21.00	16.00-18.00	15.00-16.00	15.00-16.00	16.00-18.00
	16	12.00-14.00	16.00-18.00		19.00	12.00-14.00	14.00-16.00	14.00-16.00	14.00-15.00
	23	11.00-13.00			14.00-15.00		13.00-15.00	13.00-15.00	12.00-13.00
	30				14.00-14.50			12.00-14.00	
		Cardinal				Cardinal			
Aug.	6	14.00-14.50	14.00-14.50	13.50-14.00	14.00-14.50	13.00-15.00	12.00-14.00	13.00-16.00	14.00-16.00
	13	12.00-12.50	14.00-14.50	14.00-15.00	12.00			13.00-15.00	
	20	12.00-12.50	14.00-14.50	14.00-15.00	13.00		13.00-14.00	12.00-13.00	
	27	12.00-12.50	14.00-14.50	14.00-15.00	13.00			12.00-14.00	10.00-13.00
		Ribier				Ribier			
Sept.	3	14.00-14.50	14.00-14.50	14.00-15.00	13.00	12.00-14.00	15.00-17.00	12.00-14.00	12.00-14.00
	10	13.00-15.00	16.00-17.00	15.00-16.00	13.00	13.00-15.00	14.00-16.00	13.00-15.00	
	17	13.00-13.50	16.00-17.00	15.00-16.00	13.00	14.00-15.00	15.00	14.00-16.00	
	24	13.00-13.50	15.00-16.00	14.00-15.00	13.00	14.00-15.00	16.00-17.00	13.00-15.00	
Oct.	1	13.00-13.50	15.00-16.00	14.00-15.00		13.00-15.00	17.00	13.00-14.00	Emperor
	8	13.00-13.50	15.00-16.00	14.00-15.00		13.00-14.00	12.00-14.00	13.00-14.00	14.00
	15	14.00-14.50	16.00-17.00	15.00		13.00-14.00	12.00-15.00	13.00-14.00	14.00
	22	14.00-14.50	16.00-17.00	12.00-13.00	Emperors	13.00-14.00	12.00-15.00	13.00-14.00	13.00-14.00
	29	14.00-14.50	16.00-17.00	12.00-13.00	14.50-15.00		12.00-15.00	13.00-14.00	13.00-14.00
Nov.	5	14.00-14.50	16.00-17.00	13.50-14.00	14.50-15.00	12.00-14.00	12.00-15.00	13.00-14.00	13.00-14.00
	12	14.00-14.50		13.00-13.50	14.50-15.00	12.00-14.00	17.00	15.00-16.00	13.00-14.00
	19	14.00	Ruby Seedless		14.50-15.00	12.00-14.00	Ruby Seedless		13.00-14.00
	26		16.00-17.00		15.00	13.00-16.00	13.00	13.00-14.00	14.00-15.00
Dec.	3	14.00-14.50	16.00-17.00		15.00	14.00-15.00	13.00-14.00		14.00-15.00
	10		14.50		15.00-16.00				15.00-18.00
	17				15.00-16.00	17.00-18.00			14.00-16.00
	24	18.00			18.00-19.00	17.00-18.00	15.00-16.00		14.00-16.00
	31	18.00			18.00-19.00				
1988									
Jan.	7								18.00
	14								
	21								
	28								

Compiled from reports of the Federal-State Market News Service, Los Angeles and San Francisco, California.

^{a/} 23 pound lug prices effective July 2.

TABLE 5.

TABLE GRAPES: RAIL AND TRUCK ARRIVALS FROM CALIFORNIA AND OTHER ORIGINS,
BY MONTHS 22 U.S. AND 5 CANADIAN CITIES, MAY 1987-MARCH 1988

City	1987													
	MAY						JUNE							
	CALIFORNIA		OTHER ^{a/}		TOTAL		CALIFORNIA		OTHER ^{a/}		TOTAL			
Rail	Truck	Rail	b/ Truck	Rail	Truck	Total	Rail	Truck	Rail	b/ Truck	Rail	Truck	Total	
<u>1,000 Lugs - 23 lb. c/</u>														
EASTERN														
Atlanta, Ga.	-	3.0	-	22.6	-	25.6	25.6	-	68.7	-	8.3	-	77.0	77.0
Balt., Md.-Wash., D.C.	-	2.2	-	16.1	-	18.3	18.3	.9	98.7	-	20.4	.9	119.1	120.0
Boston, Mass.	3.0	5.7	-	30.0	3.0	35.7	38.7	14.3	163.9	-	41.7	14.3	205.6	219.9
Buffalo, N.Y.	8.3	-	-	7.0	8.3	7.0	15.3	-	19.1	-	11.7	-	30.8	30.8
Cincinnati, Oh.	-	.4	-	14.3	-	14.7	14.7	-	80.0	-	20.9	-	100.9	100.9
Columbia, S.C.	-	-	-	3.0	-	3.0	3.0	-	6.1	-	.4	-	6.5	6.5
Detroit, Mich.	-	2.6	-	17.4	-	20.0	20.0	-	79.6	-	7.8	-	87.4	87.4
N.Y., N.Y.-Newark, N.J.	-	2.2	-	23.0	-	25.2	25.2	43.5	264.3	-	8.7	43.5	273.0	316.5
Philadelphia, Pa.	.9	.9	27.0	-	27.9	.9	28.8	18.3	89.6	-	30.0	18.3	119.6	137.9
Pittsburgh, Pa.	-	-	-	21.7	-	21.7	21.7	6.5	54.3	-	3.9	6.5	58.2	64.7
TOTAL	12.2	17.0	27.0	155.1	39.2	172.1	211.3	83.5	924.3	-	153.8	83.5	1078.1	1161.6
WESTERN														
Chicago, Ill. d/	1.3	8.7	-	28.7	1.3	37.4	38.7	103.9	147.8	-	33.0	103.9	180.8	284.7
Dallas, Tex.	-	4.3	-	27.0	-	31.3	31.3	75.2	-	-	61.3	75.2	61.3	136.5
Denver, Colo.	-	-	-	10.9	-	10.9	10.9	90.0	-	-	3.9	90.0	3.9	93.9
Los Angeles, Ca.	-	9.6	30.0	4.8	30.0	14.4	44.4	-	250.9	-	59.6	-	310.5	310.5
New Orleans, La.	-	-	-	3.9	-	3.9	3.9	-	23.5	-	7.8	-	31.3	31.3
St. Louis, Mo.	-	13.5	-	13.9	-	27.4	27.4	-	43.5	-	.4	-	43.9	43.9
San Fran.-Oakland, Ca.	-	1.7	-	84.3	-	86.0	86.0	-	105.7	-	30.0	-	135.7	135.7
Seattle-Tacoma, Wash.	-	-	-	23.5	-	23.5	23.5	-	130.4	-	.4	-	130.8	130.8
TOTAL	1.3	37.8	30.0	197.0	31.3	234.8	266.1	269.1	701.8	-	196.4	269.1	898.2	1167.3
TOTAL U.S.	13.5	54.8	57.0	352.1	70.5	406.9	477.4	352.6	1626.1	-	350.2	352.6	1976.3	2328.9
CANADA														
Montreal, Que.	-	-	-	61.7	-	61.7	61.7	-	52.6	-	91.3	-	143.9	143.9
Ottawa, Ont.	-	-	-	13.5	-	13.5	13.5	-	21.3	-	2.2	-	23.5	23.5
Toronto, Ont.	-	-	-	56.5	-	56.5	56.5	3.9	134.3	-	113.5	3.9	247.8	251.7
Vancouver, B.C.	-	5.7	-	25.7	-	31.4	31.4	-	49.1	-	23.5	-	72.6	72.6
Winnipeg, Man.	-	-	-	6.5	-	6.5	6.5	-	19.6	-	5.2	-	24.8	24.8
TOTAL	-	5.7	-	163.9	-	169.6	169.6	3.9	276.9	-	235.7	3.9	512.6	516.5
TOTAL U.S. & CANADA	13.5	60.5	57.0	516.0	70.5	576.5	647.0	356.5	1903.0	-	585.9	356.5	2488.9	2845.4

(Continued)

TABLE 5.

**TABLE GRAPES: RAIL AND TRUCK ARRIVALS FROM CALIFORNIA AND OTHER ORIGINS,
BY MONTHS 22 U.S. AND 5 CANADIAN CITIES, MAY 1987-MARCH 1988**

City	1987													
	JULY						AUGUST							
	CALIFORNIA		OTHER a/		TOTAL	TOTAL	CALIFORNIA		OTHER a/		TOTAL	TOTAL		
Rail	Truck	Rail b/	Truck	Rail			Truck	Rail b/	Truck					
	<u>1,000 Lugs - 23 lb. c/</u>													
EASTERN														
Atlanta, Ga.	-	113.9	-	3.5	-	117.4	117.4	-	122.2	-	6.5	-	128.7	128.7
Balt., Md.-Wash., D.C.	1.7	141.7	-	17.8	1.7	159.5	161.2	4.8	190.9	-	.9	4.8	191.8	196.6
Boston, Mass.	45.7	201.7	-	19.6	45.7	221.3	267.0	48.3	169.6	-	.9	48.3	170.5	218.8
Buffalo, N.Y.	-	62.6	-	6.1	-	68.7	68.7	-	50.0	-	1.7	-	51.7	51.7
Cincinnati, Oh.	1.7	70.4	-	7.8	1.7	78.2	79.9	-	108.7	-	.9	-	109.6	109.6
Columbia, S.C.	-	17.4	-	-	-	17.4	17.4	-	13.5	-	2.2	-	15.7	15.7
Detroit, Mich.	-	90.4	-	12.6	-	103.0	103.0	-	104.3	-	-	-	104.3	104.3
N.Y., N.Y.-Newark, N.J.	135.2	187.8	-	108.3	135.2	296.1	431.3	218.7	234.8	-	-	218.7	234.8	453.5
Philadelphia, Pa.	32.2	140.0	-	31.7	32.2	171.7	203.9	61.3	162.2	-	.9	61.3	163.1	224.4
Pittsburgh, Pa.	1.7	80.9	-	3.0	1.7	83.9	85.6	4.8	64.8	-	-	4.8	64.8	69.6
TOTAL	218.2	1106.8	-	210.4	218.2	1317.2	1535.4	337.9	1221.0	-	14.0	337.9	1235.0	1572.9
WESTERN														
Chicago, Ill. d/	234.8	218.3	-	40.0	234.8	258.3	493.1	296.1	393.0	-	1.3	296.1	394.3	690.4
Dallas, Tex.	-	155.2	-	44.3	-	199.5	199.5	-	191.3	-	.4	-	191.7	191.7
Denver, Colo.	-	65.2	-	1.3	-	66.5	66.5	-	93.0	-	-	-	93.0	93.0
Los Angeles, Ca.	-	409.6	-	25.2	-	434.8	434.8	-	397.8	-	-	-	397.8	397.8
New Orleans, La.	-	34.3	-	3.9	-	38.2	38.2	-	40.0	-	-	-	40.0	40.0
St. Louis, Mo.	-	76.1	-	6.1	-	82.2	82.2	-	82.6	-	.9	-	83.5	83.5
San Fran.-Oakland, Ca.	-	272.6	-	45.2	-	317.8	317.8	-	317.8	-	-	-	317.8	317.8
Seattle-Tacoma, Wash.	-	210.9	-	1.7	-	212.6	212.6	-	183.9	-	1.7	-	185.6	185.6
TOTAL	234.8	1442.2	-	167.7	234.8	1609.9	1844.7	296.1	1699.4	-	4.3	296.1	1703.7	1999.8
TOTAL U.S.	453.0	2549.0	-	378.1	453.0	2927.1	3380.1	634.0	2920.4	-	18.3	634.0	2938.7	3572.7
CANADA														
Montreal, Que.	9.6	125.7	-	93.5	9.6	219.2	228.8	2.2	187.8	-	87.8	2.2	275.6	277.8
Ottawa, Ont.	-	37.8	-	5.2	-	43.0	43.0	-	29.6	-	1.7	-	31.3	31.3
Toronto, Ont.	-	350.9	-	115.7	-	466.6	466.6	-	433.9	-	20.4	-	454.3	454.3
Vancouver, B.C.	-	53.0	-	40.0	-	93.0	93.0	-	124.8	-	-	-	124.8	124.8
Winnipeg, Man.	-	45.2	-	1.7	-	46.9	46.9	-	47.4	-	1.3	-	48.7	48.7
TOTAL	9.6	612.6	-	256.1	9.6	868.7	878.3	2.2	823.5	-	111.2	2.2	934.7	936.9
TOTAL U.S. & CANADA	462.6	3161.6	-	634.2	462.6	3795.8	4258.4	636.2	3743.9	-	129.5	636.2	3873.4	4509.6

(Continued)

TABLE 5.

TABLE GRAPES: RAIL AND TRUCK ARRIVALS FROM CALIFORNIA AND OTHER ORIGINS,
BY MONTHS 22 U.S. AND 5 CANADIAN CITIES, MAY 1987-MARCH 1988

City	1987													
	SEPTEMBER						OCTOBER							
	CALIFORNIA		OTHER <u>a/</u>		TOTAL		CALIFORNIA		OTHER <u>a/</u>		TOTAL			
Rail	Truck	Rail b/	Truck	Rail	Truck	Total	Rail	Truck	Rail b/	Truck	Rail	Truck	Total	
<u>1,000 Lugs - 23 lb. c/</u>														
EASTERN														
Atlanta, Ga.	-	110.0	-	7.8	-	117.8	117.8	-	105.7	-	1.7	-	107.4	107.4
Balt., Md.-Wash., D.C.	3.0	163.9	-	1.7	3.0	165.6	168.6	1.7	135.7	-	.4	1.7	136.1	137.8
Boston, Mass.	138.3	167.8	-	2.6	138.3	170.4	308.7	75.7	107.8	-	.9	75.7	108.7	184.4
Buffalo, N.Y.	-	40.9	-	2.6	-	43.5	43.5	-	45.2	-	.4	-	45.6	45.6
Cincinnati, Oh.	1.7	90.9	-	1.7	1.7	92.6	94.3	-	83.9	-	.4	-	84.3	84.3
Columbia, S.C.	-	14.8	-	4.8	-	19.6	19.6	-	12.6	-	1.3	-	13.9	13.9
Detroit, Mich.	-	120.9	-	-	-	120.9	120.9	-	93.5	-	-	-	93.5	93.5
N.Y., N.Y.-Newark, N.J.	318.7	156.1	-	3.9	318.7	160.0	478.7	468.7	119.6	-	2.2	468.7	121.8	590.5
Philadelphia, Pa.	45.2	162.2	-	2.2	45.2	164.4	209.6	37.0	91.7	-	1.3	37.0	93.0	130.0
Pittsburgh, Pa.	-	94.8	-	3.9	-	98.7	98.7	-	76.1	-	3.0	-	79.1	79.1
TOTAL	506.9	1122.3	-	31.2	506.9	1153.5	1660.4	583.1	871.8	-	11.6	583.1	883.4	1466.5
WESTERN														
Chicago, Ill. <u>d/</u>	385.2	218.3	-	3.0	385.2	221.3	606.5	222.2	184.8	-	.4	222.2	185.2	407.4
Dallas, Tex.	-	147.0	-	-	-	147.0	147.0	-	42.2	-	-	-	42.2	42.2
Denver, Colo.	-	102.6	-	-	-	102.6	102.6	-	57.8	-	-	-	57.8	57.8
Los Angeles, Ca.	-	421.3	-	-	-	421.3	421.3	-	408.3	-	-	-	408.3	408.3
New Orleans, La.	-	43.0	-	-	-	43.0	43.0	-	47.8	-	-	-	47.8	47.8
St. Louis, Mo.	-	81.7	-	.9	-	82.6	82.6	-	58.7	-	-	-	58.7	58.7
San Fran.-Oakland, Ca.	-	404.8	-	-	-	404.8	404.8	-	253.5	-	-	-	253.5	253.5
Seattle-Tacoma, Wash.	-	143.0	-	.4	-	143.4	143.4	-	77.0	-	-	-	77.0	77.0
TOTAL	385.2	1561.7	-	4.3	385.2	1566.0	1951.2	222.2	1130.1	-	.4	222.2	1130.5	1352.7
TOTAL U.S.	892.1	2684.0	-	35.5	892.1	2719.5	3611.6	805.3	2001.9	-	12.0	805.3	2013.9	2819.2
CANADA														
Montreal, Que.	-	333.5	-	152.2	-	485.7	485.7	-	106.5	-	96.5	-	203.0	203.0
Ottawa, Ont.	-	39.1	-	13.9	-	53.0	53.0	-	19.6	-	11.3	-	30.9	30.9
Toronto, Ont.	-	373.0	-	145.7	-	518.7	518.7	-	214.8	-	143.9	-	358.7	358.7
Vancouver, B.C.	-	183.5	-	4.3	-	187.8	187.8	-	97.4	-	.4	-	97.8	97.8
Winnipeg, Man.	-	40.4	-	6.5	-	46.9	46.9	-	29.1	-	2.6	-	31.7	31.7
TOTAL	-	969.5	-	322.6	-	1292.1	1292.1	-	467.4	-	254.7	-	722.1	722.1
TOTAL U.S. & CANADA	892.1	3653.5	-	358.1	892.1	4011.6	4903.7	805.3	2469.3	-	266.7	805.3	2736.0	3541.3

(Continued)

TABLE 5.

TABLE GRAPES: RAIL AND TRUCK ARRIVALS FROM CALIFORNIA AND OTHER ORIGINS,
BY MONTHS 22 U.S. AND 5 CANADIAN CITIES, MAY 1987-MARCH 1988

City	1987													
	NOVEMBER						DECEMBER							
	CALIFORNIA		OTHER ^{a/}		TOTAL	Total	CALIFORNIA		OTHER ^{a/}		TOTAL			
Rail	Truck	Rail ^{b/}	Truck	Rail			Truck	Rail ^{b/}	Truck	Rail	Truck	Total		
<u>1,000 Lugs - 23 lb. c/</u>														
EASTERN														
Atlanta, Ga.	-	70.0	-	-	-	70.0	70.0	-	25.7	-	-	-	25.7	25.7
Balt., Md.-Wash., D.C.	3.0	87.4	-	-	3.0	87.4	90.4	3.0	45.2	-	4.3	3.0	49.5	52.5
Boston, Mass.	11.3	89.6	-	-	11.3	89.6	100.9	4.8	56.1	-	28.7	4.8	84.8	89.6
Buffalo, N.Y.	-	19.1	-	-	-	19.1	19.1	-	20.4	-	.9	-	21.3	21.3
Cincinnati, Oh.	1.7	60.9	-	-	1.7	60.9	62.6	-	49.6	-	5.7	-	55.3	55.3
Columbia, S.C.	-	6.5	-	-	-	6.5	6.5	-	5.7	-	-	-	5.7	5.7
Detroit, Mich.	-	82.2	-	-	-	82.2	82.2	-	30.4	-	3.0	-	33.4	33.4
N.Y., N.Y.-Newark, N.J.	87.0	61.3	-	-	87.0	61.3	148.3	40.4	77.0	1.7	6.5	42.1	83.5	125.6
Philadelphia, Pa.	22.6	98.3	-	-	22.6	98.3	120.9	13.0	53.5	12.2	1.3	25.2	54.8	80.0
Pittsburgh, Pa.	-	49.6	-	-	-	49.6	49.6	-	56.1	-	.9	-	57.0	57.0
TOTAL	125.6	624.9	-	-	125.6	624.9	750.5	61.2	419.7	13.9	51.3	75.1	471.0	546.1
WESTERN														
Chicago, Ill. d/	51.3	132.2	-	.4	51.3	132.6	183.9	8.3	83.5	-	2.6	8.3	86.1	94.4
Dallas, Tex.	-	29.6	-	-	-	29.6	29.6	-	13.5	-	.4	-	13.9	13.9
Denver, Colo.	-	50.9	-	-	-	50.9	50.9	-	18.7	-	4.3	-	23.0	23.0
Los Angeles, Ca.	-	330.9	-	-	-	330.9	330.9	7.4	197.8	-	8.3	7.4	206.1	213.5
New Orleans, La.	-	24.3	-	-	-	24.3	24.3	-	18.3	-	.9	-	19.2	19.2
St. Louis, Mo.	-	53.0	-	-	-	53.0	53.0	-	27.8	-	4.8	-	32.6	32.6
San Fran.-Oakland, Ca.	-	152.2	-	-	-	152.2	152.2	-	69.6	.4	10.0	.4	79.6	80.0
Seattle-Tacoma, Wash.	-	52.6	-	-	-	52.6	52.6	-	29.1	-	1.3	-	30.4	30.4
TOTAL	51.3	825.7	-	.4	51.3	826.1	877.4	15.7	458.3	.4	32.6	16.1	490.9	507.0
TOTAL U.S.	176.9	1450.6	-	.4	176.9	1451.0	1627.9	76.9	878.0	14.3	83.9	91.2	961.9	1053.1
CANADA														
Montreal, Que.	2.2	134.8	-	106.5	2.2	241.3	243.5	-	71.7	-	77.0	-	148.7	148.7
Ottawa, Ont.	-	15.7	-	9.1	-	24.8	24.8	-	20.0	-	9.1	-	29.1	29.1
Toronto, Ont.	-	173.0	-	107.0	-	280.0	280.0	-	145.2	-	38.3	-	183.5	183.5
Vancouver, B.C.	-	58.3	-	-	-	58.3	58.3	-	28.3	-	2.2	-	30.5	30.5
Winnipeg, Man.	-	18.7	-	8.3	-	27.0	27.0	-	13.5	-	3.9	-	17.4	17.4
TOTAL	2.2	400.5	-	230.9	2.2	631.4	633.6	-	278.7	-	130.5	-	409.2	409.2
TOTAL U.S. & CANADA	179.1	1851.1	-	231.3	179.1	2082.4	2261.5	76.9	1156.7	14.3	214.4	91.2	1371.1	1462.3

(Continued)

TABLE 5.

TABLE GRAPES: RAIL AND TRUCK ARRIVALS FROM CALIFORNIA AND OTHER ORIGINS,
BY MONTHS 22 U.S. AND 5 CANADIAN CITIES, MAY 1987-MARCH 1988

City	1987													
	JANUARY						FEBRUARY							
	CALIFORNIA		OTHER ^{a/}		TOTAL	Total	CALIFORNIA		OTHER ^{a/}		TOTAL	Total		
Rail	Truck	Rail	b/ Truck	Rail			Truck	Rail	b/ Truck					
<u>1,000 Lugs - 23 lb. c/</u>														
<u>EASTERN</u>														
Atlanta, Ga.	-	5.2	-	22.2	-	27.4	27.4	-	-	-	78.3	-	78.3	78.3
Balt., Md.-Wash., D.C.	-	9.1	-	34.8	-	43.9	43.9	-	-	-	95.2	-	95.2	95.2
Boston, Mass.	3.0	3.9	-	71.7	3.0	75.6	78.6	4.8	-	-	144.8	4.8	144.8	149.6
Buffalo, N.Y.	-	3.9	-	5.2	-	9.1	9.1	-	.9	-	13.0	-	13.9	13.9
Cincinnati, Oh.	-	5.7	-	39.6	-	45.3	45.3	-	1.3	-	60.0	-	61.3	61.3
Columbia, S.C.	-	3.5	-	2.6	-	6.1	6.1	-	.9	-	10.0	-	10.9	10.9
Detroit, Mich.	-	7.8	-	26.1	-	33.9	33.9	-	17.4	-	43.0	-	60.4	60.4
N.Y., N.Y.-Newark, N.J.	16.1	46.1	1.7	66.1	17.8	112.2	130.0	1.7	-	-	139.7	1.7	138.7	140.4
Philadelphia, Pa.	8.3	3.5	53.0	2.6	61.3	6.1	67.4	-	.9	109.6	-	109.6	.9	110.5
Pittsburgh, Pa.	-	6.5	-	13.0	-	19.5	19.5	-	1.7	-	50.0	-	51.7	51.7
TOTAL	27.4	95.2	54.7	283.9	82.1	379.1	461.2	6.5	23.1	109.6	633.0	116.1	656.1	772.2
<u>WESTERN</u>														
Chicago, Ill. ^{d/}	-	23.9	-	65.2	-	89.1	89.1	-	10.4	-	150.0	-	160.4	160.4
Dallas, Tex.	-	3.0	-	8.3	-	11.3	11.3	-	.4	-	15.2	-	15.6	15.6
Denver, Colo.	-	1.7	-	46.1	-	47.8	47.8	-	-	-	89.1	-	89.1	89.1
Los Angeles, Ca.	87.4	33.0	-	26.5	87.4	59.5	146.9	219.1	5.7	-	17.8	219.1	23.5	242.6
New Orleans, La.	-	4.8	-	9.1	-	13.9	13.9	-	6.1	-	33.5	-	39.6	39.6
St. Louis, Mo.	-	2.2	-	17.4	-	19.6	19.6	-	-	-	44.3	-	44.3	44.3
San Fran.-Oakland, Ca.	-	6.5	-	43.9	-	50.4	50.4	-	.9	-	119.6	-	120.5	120.5
Seattle-Tacoma, Wash.	-	16.1	-	21.7	-	37.8	37.8	-	-	-	99.6	-	99.6	99.6
TOTAL	87.4	91.2	-	238.2	87.4	329.4	416.8	219.1	23.5	-	569.1	219.1	592.6	811.7
TOTAL U.S.	114.8	186.4	54.7	522.1	169.5	708.5	878.0	225.6	46.6	109.6	1202.1	335.2	1248.7	1583.9
<u>CANADA</u>														
Montreal, Que.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ottawa, Ont.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toronto, Ont.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vancouver, B.C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winnipeg, Man.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL U.S. & CANADA	114.8	186.4	54.7	522.1	169.5	708.5	878.0	225.6	46.6	109.6	1202.1	335.2	1248.7	1583.9

(Continued)

TABLE 5.

TABLE GRAPES: RAIL AND TRUCK ARRIVALS FROM CALIFORNIA AND OTHER ORIGINS,
BY MONTHS 22 U.S. AND 5 CANADIAN CITIES, MAY 1987-MARCH 1988

City	1987							SEASON TOTALS			
	MARCH							1987-88			1986-87
	CALIFORNIA		OTHER a/		Rail	TOTAL		Rail	Truck	Total	Total
Rail	Truck	Rail b/	Truck	Truck		Total					
<u>1,000 Lugs - 23 lb. c/</u>											
EASTERN											
Atlanta, Ga.	-	.9	-	77.4	-	78.3	78.3	-	853.6	853.6	992.1
Balt., Md.-Wash., D.C.	-	-	-	123.5	-	123.5	123.5	18.1	1189.9	1208.0	1354.5
Boston, Mass.	-	-	-	155.7	-	155.7	155.7	349.2	1462.7	1811.9	2462.9
Buffalo, N.Y.	-	-	-	33.0	-	33.0	33.0	8.3	343.7	352.0	368.2
Cincinnati, Oh.	-	-	-	80.9	-	80.9	80.9	5.1	784.0	789.1	869.5
Columbia, S.C.	-	-	-	14.3	-	14.3	14.3	-	119.6	119.6	153.3
Detroit, Mich.	-	-	-	82.6	-	82.6	82.6	-	821.6	821.6	925.2
N.Y., N.Y.-Newark, N.J.	4.8	-	6.5	156.1	11.3	156.1	167.4	1344.7	1662.7	3007.4	2539.0
Philadelphia, Pa.	-	-	158.7	-	158.7	-	158.7	599.3	872.8	1472.1	1208.8
Pittsburgh, Pa.	-	-	-	73.9	-	73.9	73.9	13.0	658.1	671.1	784.6
TOTAL	4.8	.9	165.2	797.4	170.0	798.3	968.3	2337.7	8768.7	11106.4	11658.1
WESTERN											
Chicago, Ill. d/	-	7.4	-	193.9	-	201.3	201.3	1303.1	1946.8	3249.9	4271.2
Dallas, Tex.	-	-	-	30.4	-	30.4	30.4	75.2	773.8	849.0	1001.8
Denver, Colo.	-	-	-	77.8	-	77.8	77.8	90.0	623.3	713.3	556.5
Los Angeles, Ca.	-	7.4	379.1	-	379.1	7.4	386.5	723.0	2614.5	3337.5	3843.9
New Orleans, La.	-	-	-	49.1	-	49.1	49.1	-	350.3	350.3	430.6
St. Louis, Mo.	-	-	-	64.3	-	64.3	64.3	-	592.1	592.1	678.2
San Fran.-Oakland, Ca.	-	.9	-	210.4	-	211.3	211.3	.4	2129.6	2130.0	2358.1
Seattle-Tacoma, Wash.	-	.4	-	151.7	-	152.1	152.1	-	1145.4	1145.4	1173.2
TOTAL	-	16.1	379.1	777.6	379.1	793.7	1172.8	2191.7	10175.8	12367.5	14313.5
TOTAL U.S.	4.8	17.0	544.3	1575.0	549.1	1592.0	2141.1	4529.4	18944.5	23473.9	25971.6
CANADA											
Montreal, Que.	-	-	-	-	-	-	-	14.0	1779.1	1793.1	1843.4
Ottawa, Ont.	-	-	-	-	-	-	-	-	249.1	249.1	299.8
Toronto, Ont.	-	-	-	-	-	-	-	3.9	2566.1	2570.0	2648.7
Vancouver, B.C.	-	-	-	-	-	-	-	-	696.2	696.2	822.2
Winnipeg, Man.	-	-	-	-	-	-	-	-	249.9	249.9	301.6
TOTAL	-	-	-	-	-	-	-	17.9	5540.4	5558.3	5915.7
TOTAL U.S. & CANADA	4.8	17.0	544.3	1575.0	549.1	1592.0	2141.1	4547.3	24484.9	29032.2	31887.3

Compiled from Fresh Fruit and Vegetable arrivals and records of the U.S. Department of Agriculture, Agricultural Marketing Service, Fruit and Vegetable Division, Market News Branch, Washington, D.C.

a/ Includes other states and foreign origins.

b/ Includes air and boat arrivals.

c/ Data originally reported in weight and converted to lugs of 23 pounds each.

d/ Principal California piggyback van distribution city.

TABLE 6. TABLE GRAPES: SEMI-MONTHLY COLD STORAGE HOLDINGS IN CALIFORNIA
BY VARIETY, 1983-87 SEASONS

Season a/	August		September			October		November	
	31	15	30	15	31	15	30		
Number of packages									
THOMPSON SEEDLESS									
1983	5,243,890	3,519,330	1,960,400	929,110	525,420	181,160	116,280		
1984	4,663,410	3,370,510	2,097,930	1,063,550	249,540	25,580	b/		
1985	6,746,360	6,505,900	5,072,150	2,944,030	923,580	166,670	7,260		
1986	6,474,970	6,032,070	4,378,040	2,637,460	1,021,740	351,580	18,180		
1987	7,114,420	6,137,800	4,009,000	2,594,260	929,880	295,750	b/		
RIBIERS									
1983	517,390	966,830	971,450	824,740	666,070	393,150	242,900		
1984	539,530	766,490	670,890	576,290	357,880	181,360	66,250		
1985	604,080	832,710	1,160,340	1,117,550	830,930	553,100	413,060		
1986	446,050	713,880	823,160	800,740	660,520	453,640	309,160		
1987	376,470	689,980	786,500	741,720	556,390	360,900	199,160		
ALMERIA									
1983	-	-	b/	44,340	79,880	92,150	100,750		
1984	-	-	30,170	70,690	79,480	60,370	30,800		
1985	-	b/	-	15,580	74,500	98,650	54,720		
1986	-	b/	-	b/	24,260	26,100	21,510		
1987	-	b/	b/	b/	33,900	19,230	b/		
CALMERIA									
1983	-	76,460	1,071,380	1,772,270	1,619,260	1,104,190	726,260		
1984	-	214,150	1,199,920	1,373,850	1,286,480	908,040	548,110		
1985	-	b/	253,860	1,248,620	1,503,250	1,132,900	620,180		
1986	-	b/	822,210	1,619,390	1,489,550	1,115,130	777,950		
1987	-	40,190	467,870	994,880	932,770	632,990	296,230		
EMPERORS									
1983	-	327,280	1,708,010	4,608,870	6,458,220	5,860,270	4,560,670		
1984	b/	263,840	836,810	2,165,660	4,042,310	4,361,620	3,592,290		
1985	b/	25,080	607,570	2,821,980	5,523,240	5,644,120	5,279,130		
1986	b/	b/	731,630	2,850,230	3,973,480	4,037,580	3,325,070		
1987	b/	55,910	512,860	1,864,100	2,361,070	2,063,060	1,390,860		
FLAME SEEDLESS									
1985	900,730	795,920	778,880	576,890	385,070	243,720	139,220		
1986	609,480	469,830	354,470	151,950	21,190	b/	b/		
1987	1,039,060	835,850	527,410	202,080	59,980	b/	-		
RUBY SEEDLESS									
1985	368,130	1,044,750	1,544,030	1,338,470	1,236,230	923,490	649,050		
1986	703,770	1,331,740	1,395,240	1,147,420	845,540	502,540	287,190		
1987	886,050	1,724,940	2,329,760	2,041,020	1,635,210	1,260,880	872,940		
TOKAY									
1983	160,000	127,680	24,220	-	-	-	-		
1984	328,570	334,190	153,190	21,660	-	-	-		
1985	236,330	360,250	192,680	45,340	30,000	10,000	b/		
1986	135,200	146,490	20,400	-	-	-	-		
1987	135,640	113,950	16,000	-	-	-	-		
CHRISTMAS ROSE									
1987	199,320	223,770	218,490	159,020	96,200	47,400	b/		
RED GLOBE									
1987	62,000	107,540	99,870	43,520	22,310	9,090	-		
QUEEN									
1987	61,000	65,490	30,940	24,880	b/	b/	-		
OTHERS									
1983	406,470	868,070	907,440	719,870	537,190	568,930	459,460		
1984	247,270	301,350	174,960	104,080	66,180	42,090	19,700		
1985	232,670	431,060	721,540	627,870	556,450	232,890	96,880		
1986	365,200	428,470	479,920	410,360	261,910	211,490	140,600		
1987	182,560	93,420	256,130	368,330	313,360	88,740	b/		
ALL VARIETIES									
1983	6,327,750	5,885,650	6,642,900	8,819,200	9,886,040	8,199,850	6,206,320		
1984	6,485,490	6,429,630	6,373,020	6,300,050	6,512,420	5,762,860	4,257,150		
1985	9,088,300	9,995,670	10,331,050	10,736,330	11,063,250	9,005,540	7,259,500		
1986	8,734,670	9,122,480	9,005,070	9,617,550	8,298,190	6,698,060	4,879,660		
1987	10,056,520	10,088,840	9,254,830	9,033,810	6,941,070	4,778,040	2,759,190		

(Continued)

TABLE 6. TABLE GRAPES: SEMI-MONTHLY COLD STORAGE HOLDINGS IN CALIFORNIA
BY VARIETY, 1983-87 SEASONS (Cont'd)

Season a/	December		January		February		March
	15	31	15	31	15	29	15
Number of packages							
THOMPSON SEEDLESS							
1983	41,120	-	-	-	-	-	-
1984	-	-	-	-	-	-	-
1985	<u>b/</u>	<u>b/</u>	<u>b/</u>	-	-	-	-
1986	<u>b/</u>	<u>b/</u>	-	-	-	-	-
1987	<u>b/</u>	<u>b/</u>	-	-	-	-	-
RIBIERS							
1983	106,520	39,620	5,080	<u>b/</u>	-	-	-
1984	<u>b/</u>	-	-	-	-	-	-
1985	197,610	82,630	<u>b/</u>	-	-	-	-
1986	134,320	39,760	<u>b/</u>	<u>b/</u>	-	-	-
1987	36,600	<u>b/</u>	<u>b/</u>	-	-	-	-
ALMERIA							
1983	38,180	24,420	19,200	8,620	<u>b/</u>	-	-
1984	15,230	<u>b/</u>	<u>b/</u>	-	-	-	-
1985	23,810	3,250	-	-	-	-	-
1986	9,840	<u>b/</u>	<u>b/</u>	<u>b/</u>	-	-	-
1987	<u>b/</u>	-	-	-	-	-	-
CALMERIA							
1983	393,370	247,340	130,390	74,420	<u>b/</u>	-	-
1984	267,450	117,620	41,120	-	<u>b/</u>	-	-
1985	77,510	1,340	-	-	-	-	-
1986	341,530	157,250	77,650	25,730	-	-	-
1987	47,940	<u>b/</u>	<u>b/</u>	-	-	-	-
EMPERORS							
1983	3,088,550	2,049,480	1,473,840	864,640	598,970	-	-
1984	2,197,760	1,220,490	608,890	159,700	-	-	-
1985	4,036,150	3,012,050	2,160,590	1,387,950	975,180	715,040	451,940
1986	1,940,380	803,880	433,080	49,740	-	-	-
1987	713,800	429,380	275,490	123,350	-	-	-
FLAME SEEDLESS							
1986	<u>b/</u>	<u>b/</u>	<u>b/</u>	-	-	-	-
1987	-	-	-	-	-	-	-
RUBY SEEDLESS							
1985	376,360	205,770	125,700	<u>b/</u>	<u>b/</u>	<u>b/</u>	<u>b/</u>
1986	88,340	<u>b/</u>	<u>b/</u>	-	-	-	-
1987	420,810	208,770	110,640	35,380	-	-	-
CHRISTMAS ROSE							
1987	<u>b/</u>	-	-	-	-	-	-
OTHERS							
1983	191,820	47,160	-	-	-	-	-
1984	9,990	<u>b/</u>	-	-	-	-	-
1985	30,820	5,150	<u>b/</u>	<u>b/</u>	<u>b/</u>	<u>b/</u>	-
1986	54,840	5,530	<u>b/</u>	-	-	-	-
1987	<u>b/</u>	<u>b/</u>	-	-	-	-	-
ALL VARIETIES							
1983	3,859,560	2,408,020	1,628,510	947,680	598,970	-	-
1984	2,490,430	1,338,110	650,010	159,700	-	-	-
1985	4,842,420	3,310,190	2,286,290	1,387,950	975,180	715,040	451,940
1986	2,569,250	1,006,420	510,730	75,470	-	-	-
1987	1,219,150	638,150	386,130	158,730	-	-	-

a/ In some years, small quantities of some varieties are in storage before the first storage report on August 31 and after the final report.

b/ Too few to enumerate.

MARKETING CALIFORNIA GRAPES FOR FRESH TABLE USE

NARRATIVE REVIEW OF CALIFORNIA JUICE GRAPES, 1987 SEASON a/

The 1987 juice grape crop was estimated to be lighter than the previous year. This estimate was later supported by lighter supplies throughout the deal as approximately 700,000 lugs less were shipped during the season. Marketing was slow to develop as early supplies moving into export channels dominated the market activity and Eastern markets were hesitant in accepting higher market prices. Traditional shippers again limited marketing and shipping activity to a shorter interval than previous years.

Shipments: The Northern California District reported first shipments for the season on August 24, five days later than the initial shipments of the 1986 season. Final shipments were reported on November 9 to bring the shipping season to a total of 78 days, 8 days less than last year. Total shipments for the 1987 season were approximately 3.8 million packages compared to 4.5 million packages for the 1986 season.

Prices: Initial f.o.b. prices were reported on September 14 with Muscat at \$365.00 per ton, Alicante, Carignane and Grenache at \$375.00 per ton. Final prices on September 25 closed with Muscat at \$365.00-400.00 per ton; Alicante at \$375.00-425.00 per ton; Carignane and Grenache at \$375.00-400.00 per ton. Overall prices were higher than the previous year. F.o.b. prices in the Northern San Joaquin Valley District were again not reported due to limited number of shippers involved.

All Districts - F.O.B. Price Range 36 Lb. Lidded Lug Per Ton Basis:

Variety	Season	
	1987	1986
	Dollars Per Ton	
Muscat	365.00-400.00	300.00-335.00
Alicante	375.00-425.00	300.00-335.00
Carignane	375.00-400.00	325.00
Grenache	375.00-400.00	325.00

a/ Juice Grapes are those California grapes marketed mostly for home wine making. They are usually packed in 36 and 42 lb. lidded lugs and shipped out of California.

TABLE 7. JUICE GRAPE RAIL AND TRUCK SHIPMENTS, BY DISTRICTS, BY MONTHS, CALIFORNIA 1987 AND COMPARISONS FOR 1986

Type, District, and Carrier	August	September	October	November	Total 1987	Total 1986
1,000 Lugs - 36 lb. a/						
BLACK JUICE						
Northern California						
Rail-Mechanical	-	-	-	-	-	27.5
Rail-Van	-	20.0	12.8	-	32.8	111.4
Truck	55.8	700.8	73.3	-	829.9	958.0
Total	55.8	720.8	86.1	-	862.7	1096.9
Central California						
Rail-Mechanical	-	42.5	-	-	42.5	127.5
Rail-Mechanical, Export	-	7.5	-	-	7.5	130.0
Rail-Van	-	13.1	-	-	13.1	28.9
Truck	33.1	362.2	40.8	-	436.1	633.1
Total	33.1	425.3	40.8	-	499.2	919.5
TOTAL BLACK JUICE						
Rail-Mechanical	-	42.5	-	-	42.5	155.0
Rail-Mechanical, Export	-	7.5	-	-	7.5	130.0
Rail-Van	-	33.1	12.8	-	45.9	140.3
Truck	88.9	1063.0	114.1	-	1266.0	1591.1
Total	88.9	1146.1	126.9	-	1361.9	2016.4
WHITE JUICE						
Northern California						
Rail-Van	-	33.9	5.8	-	39.7	5.8
Central California						
Rail-Mechanical	-	7.5	5.0	-	12.5	20.0
Rail-Mechanical, Export	-	2.5	-	-	2.5	82.5
Rail-Van	-	11.9	4.7	-	16.6	30.0
Truck	15.6	338.1	28.1	-	381.8	423.9
Total	15.6	360.0	37.8	-	413.4	556.4
TOTAL WHITE JUICE						
Rail-Mechanical	-	7.5	5.0	-	12.5	20.0
Rail-Mechanical, Export	-	2.5	-	-	2.5	82.5
Rail-Van	-	45.8	10.5	-	56.3	35.8
Truck	15.6	338.1	28.1	-	381.8	423.9
Total	15.6	393.9	43.6	-	453.1	562.2
MIXED JUICE						
Northern California						
Rail-Mechanical	-	17.5	-	-	17.5	-
Rail-Mechanical, Export	-	7.5	-	-	7.5	67.5
Rail-Van	-	-	-	1.1	1.1	-
Total	-	25.0	-	1.1	26.1	67.5
Central California						
Rail-Mechanical	-	495.0	40.0	-	535.0	355.0
Rail-Mechanical, Export	-	952.5	150.0	-	1102.5	1050.0
Rail-Van	10.8	218.3	51.4	7.2	287.7	419.4
Total	10.8	1665.8	241.4	7.2	1925.2	1824.4
TOTAL MIXED JUICE						
Rail-Mechanical	-	512.5	40.0	-	552.5	355.0
Rail-Mechanical, Export	-	960.0	150.0	-	1110.0	1117.5
Rail-Van	10.8	218.3	51.4	8.3	288.8	419.4
Total	10.8	1690.8	241.4	8.3	1951.3	1891.9
TOTAL JUICE GRAPES						
Rail-Mechanical	-	562.5	45.0	-	607.5	530.0
Rail-Mechanical, Export	-	970.0	150.0	-	1120.0	1330.0
Rail-Van	10.8	297.2	74.7	8.3	391.0	595.5
Truck	104.5	1401.1	142.2	-	1647.8	2015.0
Total	115.3	3230.8	411.9	8.3	3766.3	4470.5

Compiled from Fresh Fruit and Vegetable Shipments FVUS-7, U.S. Department of Agriculture, Agricultural Marketing Service, Washington, D.C.

a/ Data originally reported in weight and converted to lugs of 36 pounds each.

NOTE: Rail-Mechanical, Export represents shipments destined for Canada.

TABLE 8. JUICE GRAPES: PRICES F.O.B. SHIPPING POINT, BY DISTRICT, BY VARIETY, CALIFORNIA, 1987 SEASON a/

Dollars per ton - 36 Lb. Lidded Lugs

Central San Joaquin Valley District				
	Muscat	Alicante	Carignane	Grenache
Date				
Sept. 14	365	375	375	375
15	365	375	375	375
16	365	375	375	375
17	365	375	375	375
18	365	375	375	375
21	365	375	375	375
22	365-375	375-400	375	375
23	375-400	375-400	375-400	375-400
24	375-400	375-400	375-400	375-400
25	375-400	375-400	375-400	375-400
		Last Report		
Kern District - Delano Section				
	Muscat		Alicante	
Sept. 14	365		375	
15	365		375	
16	365		375	
17	365		375	
18	365		375	
21	365-400		375-425	
		Last Report		

Compiled from the Western Grape Report issued by the Federal-State Market News Service, Fresno, California.

a/ Prices listed represent the first quoted price or price range and do not include those prices listed as "few" or "occasional" unless otherwise stated.

TABLE 9. JUICE GRAPE ARRIVALS FROM CALIFORNIA BY RAIL, PIGGYBACK VAN, AND TRUCK BY JUICE TYPE AT 22 U.S. AND 5 CANADIAN CITIES, BY MONTHS, SEPTEMBER-NOVEMBER 1987 WITH COMPARISONS 1986

	September			October			November			Season Totals			1987	1986
	Rail	Van	Truck	Rail	Van	Truck	Rail	Van	Truck	Rail	Van	Truck	Total	Total
EASTERN														
Balt., Md.-Wash., D.C.	1,000 36 Lb. Lugs a/													
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
Boston, Mass.														
Black	-	4.7	6.9	-	4.7	2.8	-	-	2.8	-	9.4	12.5	21.9	38.4
White	-	2.5	1.1	-	4.7	.8	-	-	-	-	7.2	1.9	9.1	4.5
Mixed	-	10.8	-	-	14.4	-	-	-	-	-	25.2	-	25.2	2.5
Total	-	18.0	8.0	-	23.8	3.6	-	-	2.8	-	41.8	14.4	56.2	45.4
Buffalo, N.Y.														
Black	-	-	-	-	-	6.7	-	-	-	-	-	6.7	6.7	-
White	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1
Mixed	-	-	.6	-	-	.6	-	-	-	-	-	1.2	1.2	-
Total	-	-	.6	-	-	7.3	-	-	-	-	-	7.9	7.9	3.1
Cincinnati, Oh.														
Black	-	-	.3	-	-	-	-	-	-	-	-	.3	.3	.6
White	-	-	.8	-	-	-	-	-	-	-	-	.8	.8	1.1
Total	-	-	1.1	-	-	-	-	-	-	-	-	1.1	1.1	1.7
Detroit, Mich.														
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5
White	-	-	-	-	-	-	-	-	-	-	-	-	-	.6
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1
New York, NY-Newark, NJ														
Mixed	2.5	3.6	-	-	18.1	-	-	-	-	2.5	21.7	-	24.2	-
Philadelphia, Pa.														
Black	-	-	4.2	-	-	1.1	-	-	-	-	-	5.3	5.3	11.1
White	-	-	4.2	-	-	-	-	-	-	-	-	4.2	4.2	13.0
Mixed	-	3.6	-	-	4.7	-	-	-	-	-	8.3	-	8.3	.3
Total	-	3.6	8.4	-	4.7	1.1	-	-	-	-	8.3	9.5	17.8	24.4
Pittsburgh, Pa.														
Black	-	-	6.1	-	-	12.2	-	-	-	-	-	18.3	18.3	18.8
White	-	-	.6	-	-	3.9	-	-	-	-	-	4.5	4.5	7.2
Mixed	-	6.1	-	-	2.5	.8	-	-	-	-	8.6	.8	9.4	8.6
Total	-	6.1	6.7	-	2.5	16.9	-	-	-	-	8.6	23.6	32.2	34.6
TOTAL EASTERN	2.5	31.3	24.8	-	49.1	28.9	-	-	2.8	2.5	80.4	56.5	139.4	115.6
WESTERN														
St. Louis, Mo.														
Black	-	-	.6	-	-	-	-	-	-	-	-	.6	.6	-
Mixed	-	-	.3	-	-	-	-	-	-	-	-	.3	.3	-
Total	-	-	.9	-	-	-	-	-	-	-	-	.9	.9	-
Chicago, Ill.														
Black	-	-	4.4	-	-	3.3	-	-	-	-	-	7.7	7.7	23.4
White	-	-	8.9	-	-	2.5	-	-	-	-	-	11.4	11.4	9.1
Mixed	-	53.9	-	-	132.5	-	-	3.6	-	-	190.0	-	190.0	-
Total	-	53.9	13.3	-	132.5	5.8	-	3.6	-	-	190.0	19.1	209.1	32.5
Seattle-Tacoma, Wa.														
Black	-	-	.3	-	-	.6	-	-	-	-	-	.9	.9	.3
White	-	-	-	-	-	-	-	-	-	-	-	-	-	.9
Total	-	-	.3	-	-	.6	-	-	-	-	-	.9	.9	1.2
TOTAL WESTERN	-	53.9	14.5	-	132.5	6.4	-	3.6	-	-	190.0	20.9	210.9	33.7
TOTAL UNITED STATES	2.5	85.2	39.3	-	181.6	35.3	-	3.6	2.8	2.5	270.4	77.4	350.3	149.3
CANADA														
Montreal, Que.														
Mixed	479.7	-	44.7	190.3	-	49.2	6.1	-	15.6	676.1	-	109.5	785.6	756.6
Ottawa, Ont.														
Mixed	8.3	-	87.8	-	-	12.2	-	-	-	8.3	-	100.0	108.3	88.9
Toronto, Ont.														
Mixed	573.9	-	136.1	295.3	-	46.1	-	-	-	869.2	-	182.2	1051.4	1124.2
Vancouver, B.C.														
Mixed	-	-	15.6	-	-	7.2	-	-	-	-	-	22.8	22.8	21.1
Winnipeg, Man.														
Mixed	-	-	33.6	-	-	23.1	-	-	-	-	-	56.7	56.7	56.1
TOTAL CANADA	1061.9	-	317.8	485.6	-	137.8	6.1	-	15.6	1553.6	-	471.2	2024.8	2046.9
TOTAL U.S. & CANADA	1064.4	85.2	357.1	485.6	181.6	173.1	6.1	3.6	18.4	1556.1	270.4	548.6	2375.1	2196.2

Compiled from Fruit and Vegetable Arrivals issued by the U.S. Department of Agriculture, Agricultural Marketing Service, Fruit and Vegetable Division, Market News Branch, Washington, D.C.

a/ Data originally reported in weight and converted to lugs of 36 pound each.

TABLE 10. GRAPE PRODUCTION, PRICE AND VALUE, BY STATE, 1985-87

State	1985	1986	1987	1985	1986	1987
	Total production (tons)			Utilized production (tons)		
Arizona	18,500	23,000	31,000	18,500	23,000	21,000
Arkansas	8,000	6,000	5,000	7,900	5,500	5,000
California	5,207,000 <u>a/</u>	4,770,000 <u>a/</u>	4,600,000	5,207,000 <u>a/</u>	4,770,000 <u>a/</u>	4,600,000
Michigan	51,000	32,000	60,000	51,000	32,000	60,000
Missouri	900	2,900	2,750	900	2,900	2,750
New York	144,000	154,000	178,000	144,000	164,000	178,000
North Carolina	1,500	1,500	1,800	1,500	1,400	1,800
Ohio	7,000	8,000	10,300	7,000	8,000	10,300
Pennsylvania	50,000	60,000	62,500	50,000	60,000	62,500
Washington	116,100	156,000	249,500	116,100	156,000	246,000
Other States <u>b/</u>	2,700	2,500	3,400	2,700	2,500	3,400
Total	5,606,700 <u>a/</u>	5,225,900 <u>a/</u>	5,204,250	5,606,600 <u>a/</u>	5,225,300 <u>a/</u>	5,190,750
	Price per ton (dollars) <u>a/</u>			Value of utilized production (1,000 dollars)		
Arizona	968.00	1,090.00	1,010.00	17,908	25,070	21,279
Arkansas	129.00	212.00 <u>a/</u>	269.00	1,017	1,164 <u>a/</u>	1,345
California	168.00 <u>a/</u>	221.00 <u>a/</u>	247.00	877,048 <u>a/</u>	1,053,101 <u>a/</u>	1,135,950
Michigan	215.00 <u>a/</u>	247.00 <u>a/</u>	260.00	10,952	7,916 <u>a/</u>	15,609
Missouri	362.00	310.00	351.00	326	899	966
New York	147.00	201.00 <u>a/</u>	228.00	21,156	32,898 <u>a/</u>	40,542
North Carolina	316.00	385.00	360.00	474	539	648
Ohio	135.00	220.00	224.00	946	1,762	2,308
Pennsylvania	148.00	180.00	235.00	7,378	10,810	14,718
Washington	178.00	238.00	225.00	20,642	37,120 <u>a/</u>	55,356
Other States <u>b/</u>	433.00 <u>a/</u>	515.00 <u>a/</u>	607.00	630	878 <u>a/</u>	1,295
Total	171.00	224.00 <u>a/</u>	249.00	959,108	1,173,038 <u>a/</u>	1,291,312

Source: Noncitrus Fruits and Nuts 1987 Annual Summary, Crop Reporting Board, SRS, Washington DC., January 1988.
a/ Revised.

b/ Includes Georgia and South Carolina.

TABLE 11 GRAPE BEARING ACREAGE, PRODUCTION, PRICE AND VALUE BY TYPE, CALIFORNIA, 1983-87

Crop	Year	Bearing Acres	Production			Value of Utilized Production	
			Total	Total Utilized	Per Bearing Acre	Price Per Short Ton	Total Value
				Short tons		Dollars	1,000 dollars
Grapes, All <u>a/</u>	1983	643,955	4,919,000	4,775,000	7.63	199.00	947,894
	1984	667,800	4,670,000	4,656,000	6.99	189.00	882,117
	1985	682,500 <u>a/</u>	5,207,000 <u>a/</u>	5,207,000 <u>a/</u>	7.98 <u>a/</u>	168.00 <u>a/</u>	877,048 <u>a/</u>
	1986	670,800 <u>a/</u>	4,770,000 <u>a/</u>	4,770,000 <u>a/</u>	7.68 <u>a/</u>	221.00 <u>a/</u>	1,053,101 <u>a/</u>
	1987	660,400	4,600,000	4,600,000	7.13	247.00	1,135,950
Raisin Type	1983	273,817	2,535,000	2,391,000	9.33	158.00	377,868
	1984	284,300	2,295,000	2,281,000	8.07	158.00	356,092
	1985	283,500	2,487,000 <u>a/</u>	2,487,000 <u>a/</u>	9.81 <u>a/</u>	141.00 <u>a/</u>	349,948 <u>a/</u>
	1986	276,900 <u>a/</u>	2,045,000 <u>a/</u>	2,045,000 <u>a/</u>	9.01 <u>a/</u>	209.00 <u>a/</u>	427,765 <u>a/</u>
	1987	272,000	2,200,000	2,200,000	8.56	228.00	500,840
Table Type	1983	71,422	504,000	504,000	7.00	351.00	176,734
	1984	75,800	475,000	475,000	6.27	304.00	144,250
	1985	78,200 <u>a/</u>	580,000	580,000	7.42 <u>a/</u>	230.00	133,360
	1986	81,600 <u>a/</u>	620,000 <u>a/</u>	620,000 <u>a/</u>	7.60 <u>a/</u>	306.00 <u>a/</u>	189,896 <u>a/</u>
	1987	85,900	500,000	500,000	5.82	430.00	215,240
Wine Type	1983	298,716	1,880,000	1,880,000	6.25	209.00	393,292
	1984	307,700	1,900,000	1,900,000	6.17	201.00	381,775
	1985	320,800	2,140,000	2,140,000	6.67	184.00	393,740
	1986	312,300 <u>a/</u>	2,105,000 <u>a/</u>	2,105,000 <u>a/</u>	6.75 <u>a/</u>	207.00 <u>a/</u>	435,440 <u>a/</u>
	1987	302,500	1,900,000	1,900,000	6.28	221.00	419,870

Source: Noncitrus Fruits and Nuts 1987 Annual Summary, Crop Reporting Board, SRS, Washington, D.C. released January 1988.

a/ Revised.

TABLE 12.

ALL GRAPES: ACREAGE STANDING BY TYPE, BY YEAR PLANTED, CALIFORNIA a/

Type	1978 and Earlier	1979	1980	1981	1982	1983	1984	1985	1986	1987	Bearing	Non-Bearing <u>b/</u>	Total
Acres													
Raisin	221,663	12,372	14,933	10,766	7,947	4,507	2,332	887	684	907	274,520	2,478	276,998
Table <u>c/</u>	43,992	4,442	5,815	7,749	6,709	7,938	5,424	6,090	1,945	2,305	82,834	9,575	92,409
Wine	195,091	19,181	19,454	29,319	24,939	13,246	6,856	6,771	7,014	5,662	304,086	19,447	323,533
Red	113,338	2,089	1,728	2,051	2,732	3,542	2,356	2,564	3,251	2,296	127,836	8,111	135,947
White	81,753	17,092	17,726	23,268	22,207	9,704	4,500	4,207	3,763	3,366	176,250	11,336	187,586
Grapes excluding Rootstock	460,746	35,995	40,202	43,834	39,595	25,691	14,612	13,748	9,643	8,874	661,440	31,500	692,940
Rootstock	113	47	9	43	100	57	35	55	205	237	0	901	901
All Grapes	460,859	36,042	40,211	43,877	39,695	25,748	14,647	13,803	9,848	9,111	661,440	32,401	693,841

Source: Grape Acreage, May 1988, California Crop and Livestock Reporting Service, Sacramento, California.

a/ Most figures have been revised.

b/ Non-bearing includes planting for 1985, 1986 and 1987.

c/ Flame Seedless variety begins bearing in second year in Riverside County where drip irrigation is used.

TABLE 13.

GRAPE ACREAGE REMOVALS: TOTAL ESTIMATED POSTHARVEST AND INTENTIONS, BY TYPE, CALIFORNIA a/

Year	Raisin			Table			Black Wine			White Wine			All Grapes		
	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total
1986-87 <u>b/</u>	8,362	54	8,416	6,164	174	6,338	11,607	135	11,742	10,331	141	10,472	36,464	504	36,968
1987-88 <u>c/</u>	3,244	24	3,268	1,299	111	1,410	1,868	12	1,880	1,434	22	1,456	7,845	169	8,014

Source: Grape Acreage, May 1988, California Crop and Livestock Reporting Service, Sacramento, California.

a/ Most figures have been revised.

b/ Estimated postharvest removals October 1986 through September 1987.

c/ Estimated postharvest removals October 1987 through March 1988 plus estimated postharvest intended removals April 1988 through September 1988.

TABLE 14.

RAISIN TYPE GRAPES: ACREAGE STANDING, BY VARIETY, BY YEAR PLANTED, CALIFORNIA a/

Variety	1978 and Earlier	1979	1980	1981	1982	1983	1984	1985	1986	1987	Bearing	Non-Bearing <u>b/</u>	Total
Acres													
Black Corinth <u>c/</u>	1,444	23	18	25	138	169	93	40	47	9	1,910	96	2,006
Fiesta	324	53	88	62	53	64	2	7	20	0	646	27	673
Muscat of Alexandria	6,767	110	62	178	192	261	143	76	6	19	7,713	101	7,814
Sultana	342	0	0	0	4	0	0	0	0	0	346	0	346
Thompson Seedless	212,723	12,186	14,765	10,486	7,560	4,013	2,094	764	611	859	263,827	2,234	266,061
Other Raisin	63	0	0	15	0	0	0	0	0	20	78	20	98
TOTAL RAISIN	221,663	12,372	14,933	10,766	7,947	4,507	2,332	887	684	907	274,520	2,478	276,998

Source: Grape Acreage, May 1988, California Crop and Livestock Reporting Service, Sacramento, California.

a/ Most figures have been revised.

b/ Non-bearing includes plantings during 1985, 1986, and 1987.

c/ Same as Zante Currant.

Variety	1978 and Earlier	1979	1980	1981	1982	1983	1984	1985	1986	1987	Bearing	Non- Bearing b/	Total
Acres													
Almerias	205	8	10	10	0	0	0	0	0	0	233	0	233
Autumn Seedless	0	0	0	0	0	4	0	10	7	148	4	165	169
Beauty Seedless <u>c/</u>	133	1	6	0	0	74	0	69	36	110	214	215	429
Black Monukka	407	0	6	0	2	0	0	0	0	0	415	0	415
Black Morocco	0	0	0	40	0	0	0	0	0	220	40	220	260
Black Prince <u>d/</u>	51	0	0	0	0	0	0	0	0	0	51	0	51
Black Seedless	24	0	0	0	20	0	4	0	34	82	48	116	164
Calmeria	2,218	117	225	165	310	324	90	53	10	28	3,449	91	3,540
Cardinal	601	7	0	0	0	0	0	1	0	0	608	1	609
Centennial Seedless	2	0	0	25	41	1	4	0	0	0	73	0	73
Christmas Rose	0	0	0	62	179	178	109	225	56	107	528	388	916
Early Muscat	1	0	0	0	36	0	30	0	0	0	67	0	67
Emperatriz	0	0	0	0	0	12	38	233	25	86	50	344	394
Emperor	10,241	912	1,261	1,011	761	314	76	118	0	9	14,576	127	14,703
Emperor Seedless	0	0	0	0	0	0	57	95	84	0	57	179	236
Empress	0	0	0	0	12	0	53	0	0	0	65	0	65
Exotic	963	85	97	36	70	194	101	224	48	18	1,546	290	1,836
Flame Seedless <u>e/</u>	1,028	1,140	2,409	3,552	2,582	4,204	2,491	2,735	616	810	18,171	3,396	21,567
Flame Tokay	15,038	291	320	455	509	362	408	251	59	210	17,383	520	17,903
Flaming Red	0	0	0	87	58	51	43	8	1	0	239	9	248
Italia	211	20	0	39	0	3	48	20	9	7	321	36	357
Majestic	0	0	0	0	0	17	0	0	40	0	17	40	57
Malaga <u>f/</u>	1,494	88	109	10	52	1	0	0	23	0	1,754	23	1,777
Muscat Flame	10	0	0	0	0	56	0	0	0	0	66	0	66
Niabel	80	0	0	0	0	43	0	0	0	0	123	0	123
Perlette	4,484	782	326	896	750	907	652	402	83	10	8,797	495	9,292
Queen	402	45	59	146	0	0	5	9	0	0	657	9	666
Red Malaga	227	0	0	0	0	0	0	0	0	0	227	0	227
Red Seedless	36	2	5	6	0	27	8	17	0	0	84	17	101
Red Globe <u>g/</u>	38	10	91	78	219	140	342	441	252	182	918	875	1,793
Ribier	3,510	50	49	140	373	233	86	102	82	32	4,441	216	4,657
Rouge	0	0	12	0	0	65	0	227	0	0	77	227	304
Ruby Seedless <u>h/</u>	1,232	709	420	724	152	368	619	741	356	180	4,224	1,277	5,501
Superior Seedless	1,164	175	407	218	546	338	144	107	69	61	2,992	237	3,229
Other Grape Table	192	0	3	49	37	22	16	2	55	5	319	62	381
TOTAL TABLE	43,992	4,442	5,815	7,749	6,709	7,938	5,424	6,090	1,945	2,305	82,834	9,575	92,409

Source: Grape Acreage, May 1988, California Crop and Livestock Reporting Service, Sacramento, California.

a/ Most figures have been revised. b/ Nonbearing includes plantings for 1985, 1986, and 1987. c/ Same as Black Beauty. d/ Same as Rose of Peru.

e/ Table grape variety Flame Seedless begins bearing in second year after planting in Riverside County where drip irrigation is used. f/ Same as white Malaga. g/ Same as Rose-Itto. h/ Same as King Ruby.

TABLE 16.

GRAPES: UTILIZATION OF PRODUCTION, BY TYPE, CALIFORNIA, 1980-87

Crop	Year	Total Utilized Production	For Fresh Market	For Processing					
				Total	Canned	Crushed	Frozen	Dried (Fresh Basis)	Dried Basis
<u>Short Tons</u>									
Grapes, All	1980	5,124,000	545,000	4,579,000	63,000	2,896,000	-	1,620,000	310,550
	1981	3,993,000	503,000	3,490,000	42,000	2,416,000	-	1,032,000	258,000
	1982	5,386,000	680,200	4,705,800	35,000	3,123,300	-	1,547,500	295,300
	1983	4,775,000	645,500	4,129,500	35,000	2,309,500	-	1,785,000	398,500
	1984	4,670,000	650,000	4,020,000	30,000	2,583,500	-	1,392,500	355,350
	1985	5,252,000	753,000	4,499,000	45,000	2,843,300	-	1,610,700	357,940
	1986	4,770,000 _{b/}	746,500 _{b/}	4,023,500 _{b/}	40,000	2,795,000 _{b/}	-	1,888,500 _{b/}	278,900 _{b/}
	1987	4,600,000	685,000	3,915,000	40,000	2,438,000	-	1,437,000	357,700
Raisin Type <u>c/</u>	1980	2,692,000	239,000	2,453,000	63,000	778,000	-	1,612,000	309,000
	1981	1,779,000	204,000	1,575,000	42,000	509,000	-	1,024,000 _{a/}	256,000
	1982	2,642,000	303,000	2,339,000	35,000	774,000	-	1,530,000 _{a/}	292,000
	1983	2,391,000	252,000	2,139,000	35,000	330,000	-	1,774,000 _{a/}	396,000
	1984	2,295,000	275,000	2,020,000	30,000	587,000	-	1,389,000 _{a/}	334,500
	1985	2,532,000	326,000	2,206,000	45,000	559,000	-	1,602,000 _{a/}	356,000
	1986	2,045,000 _{b/}	320,000 _{b/}	1,725,000 _{b/}	40,000	505,000	-	1,180,000 _{a/} _{b/}	277,000 _{b/}
	1987	2,200,000	290,000	1,910,000	40,000	440,000	-	1,430,000 _{a/}	356,000
Table Type	1980	428,000	224,000	204,000	-	196,000	-	8,000	1,550
	1981	420,000	230,000	190,000	-	182,000	-	8,000	2,000
	1982	592,000	311,200	280,800	-	263,300	-	17,500	3,300
	1983	504,000	300,500	203,500	-	192,500	-	11,000	2,500
	1984	475,000	300,000	175,000	-	171,500	-	3,500	850
	1985	580,000	355,000	225,000	-	216,300	-	8,700	1,940
	1986	620,000 _{b/}	376,500 _{b/}	243,500 _{b/}	-	235,000 _{b/}	-	8,500 _{b/}	1,900 _{b/}
	1987	500,000	340,000	160,000	-	153,000	-	7,000	1,700
Wine Type	1980	2,004,000	82,000	1,922,000	-	1,922,000	-	-	-
	1981	1,794,000	69,000	1,725,000	-	1,725,000	-	-	-
	1982	2,152,000	66,000	2,086,000	-	2,086,000	-	-	-
	1983	1,880,000	93,000	1,787,000	-	1,787,000	-	-	-
	1984	1,900,000	75,000	1,825,000	-	1,825,000	-	-	-
	1985	2,140,000	72,000	2,068,000	-	2,068,000	-	-	-
	1986	2,105,000 _{b/}	50,000	2,055,000 _{b/}	-	2,055,000 _{b/}	-	-	-
	1987	1,900,000	55,000	1,845,000	-	1,845,000	-	-	-

Source: California Crop and Livestock Reporting Service and USDA, Crop Reporting Board, SRS, Washington, D.C.

a/ Raisin type dried-to-fresh ratio: 1 ton of raisins is equivalent to 4.00 tons of fresh grapes for 1981; 5.24 tons for 1982; 4.48 tons for 1983; 4.15 for 1984; 4.50 for 1985; 4.25 for 1986; and 4.02 for 1987.

b/ Revised.

c/ Fresh equivalent of dried and not dried.