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GRAPES

FOR FRESH USE

1982

SEASON

FEDERAL - STATE MARKET NEWS SERVICE

**United States
Department of Agriculture
Fruit and Vegetable Division
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**California
Department of Agriculture
Division of Marketing Services
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1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail. The records should be kept in a secure and accessible location, and should be updated regularly.

2. The second part of the document outlines the various methods used to collect and analyze data. This includes the use of statistical techniques, such as regression analysis, to identify trends and relationships in the data. It also discusses the importance of using appropriate sampling methods to ensure that the data is representative of the population being studied.

3. The third part of the document describes the results of the data analysis. This includes a detailed discussion of the findings, including the identification of key trends and the interpretation of the results. It also includes a comparison of the results with previous studies and a discussion of the implications of the findings for practice.

4. The final part of the document provides a summary of the key findings and conclusions. This includes a discussion of the strengths and limitations of the study, and a recommendation for further research. It also includes a list of references and a list of appendices.

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.

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

U.S. Department of Agriculture
Crop Reporting Board
Statistical Reporting Service
and the
Agricultural Marketing Service

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MARKETING CALIFORNIA GRAPES FOR FRESH TABLE USE

NARRATIVE REVIEW OF CALIFORNIA GRAPES FOR FRESH TABLE USE
1982 SEASON

The year 1982 could well be remembered as the year of the grape, as a record crop of almost 53 million packages moved to market. F.o.b. prices averaged sharply lower than the previous year and the shipping season extended well into the month of March.

May 24 signaled the start of harvest activity in the Coachella Valley District. Shipments quickly indicated a larger crop compared to the previous year. Overall shipments of Perlettes and Thompson Seedless from the Coachella Valley District totaled 2.6 million and 2.4 million packages respectively compared to 1.1 million and 1.4 million last year. Total Coachella Valley District shipments for all varieties were 6.2 million packages compared to 3.1 million packages for the 1981 season. Central California harvest activity started on July 14 in the Kern District and then moved quickly into the Central San Joaquin Valley District. It was apparent early in the deal that a large crop was also available for marketing in the Northern, Central and Southern San Joaquin Valley Districts. Approximately 53 million packages of table grapes were shipped from all districts during the deal.

Initial f.o.b. prices in the Coachella Valley District were reported on June 1 with Perlettes in a 22 pound lug quoted at \$18.00 per lug. The balance of the Coachella deal, Perlettes ranged from \$14.00-16.00, Thompson Seedless \$12.00-14.00 per 22 pound lug. Central California 23 pound lugs of Thompson Seedless ranged from \$7.00-10.00 and Emperors \$6.00-9.00. Northern San Joaquin Valley Tokays were quoted at \$7.00 per 23 pound lug throughout the entire deal.

Cold storage holdings peaked on October 31 when approximately 10 million packages of table grapes were reported in storage. This was 4.1 million more packages than was reported for the same peak period of last year. Thompson Seedless holdings peaked on September 15 with 4.6 million packages in storage compared to the 1981 peak holdings on August 31 when 2.7 million packages were reported in storage. Emperor cold storage holdings peaked on November 15 with 6.9 million packages reported, this compared to the peak Emperor holdings of 4.4 million packages for the same period last year.

TABLE 1.

TABLE GRAPES: RAIL, TRUCK AND AIR SHIPMENTS, CALIFORNIA AND ARIZONA, AND U.S. IMPORTS,
BY COUNTRY OF ORIGIN, BY MONTH 1982-83 WITH COMPARISONS

Origin and Carrier	1982-1983											Total 1982-83 May-April		Total 1981-82 May-April	
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1,000 Hundred- weight	Equiv. 1,000 23# Lugs	1,000 Hundred- weight	Equiv. 1,000 23# Lugs
	1,000 hundredweight														
<u>California</u>															
<u>Northern</u>															
Rail - Mech.	-	-	-	-	3.5	-	-	-	-	-	-	3.5	15.2	5.5	23.9
" - Van	-	-	-	-	19.9	10.5	-	-	-	-	-	30.4	132.2	35.9	156.1
Truck	-	-	-	8.8	193.5	33.3	-	-	-	-	-	235.6	1024.3	363.0	1578.3
Total	-	-	-	8.8	216.9	43.8	-	-	-	-	-	269.5	1171.7	404.4	1758.3
<u>Central</u>															
Rail - Mech.	-	-	.5	20.8	63.5	9.6	15.2	14.6	-	-	-	124.2	540.0	83.0	360.8
" - Van	-	.4	47.0	288.5	295.3	207.0	162.4	147.0	73.6	23.1	7.5a/	1251.8	5442.6	592.3	2575.2
Truck	-	-	532.8	2139.8	2118.8	1504.0	1186.1	986.4	400.9	172.0	50.4a/	9091.2	39527.0	5319.5	23128.3
Total	-	-	580.3	2449.1	2477.6	1720.6	1363.7	1148.0	474.5	195.1	57.9	10467.2	45509.6	5994.8	26064.3
<u>Southern</u>															
Rail - Mech.	-	.6	.6	-	-	-	-	-	-	-	-	1.2	5.2	1.0	4.3
" - Van	-	29.8	66.1	-	-	-	-	-	-	-	-	95.9	417.0	10.9	47.4
Truck	30.7	815.8	445.3	-	-	-	-	-	-	-	-	1291.8	5616.5	676.5	2941.3
Total	30.7	846.2	512.0	-	-	-	-	-	-	-	-	1388.9	6038.7	688.4	2993.0
<u>Total California</u>															
Rail - Mech.	-	.6	1.1	20.8	67.0	9.6	15.2	14.6	-	-	-	128.9	560.5	89.5	389.1
" - Van	-	30.2	113.1	288.5	315.2	217.5	162.4	147.0	73.6	23.1	7.5a/	1378.1	5991.7	639.1	2778.7
Truck	30.7	815.8	978.1	2148.6	2312.3	1537.3	1186.1	986.4	400.9	172.0	50.4a/	10618.6	46167.8	6359.0	27647.8
Total	30.7	846.6	1092.3	2457.9	2694.5	1764.4	1363.7	1148.0	474.5	195.1	57.9	12125.6	52720.0	7087.6	30815.6
<u>Arizona</u>															
Rail - Mech.	-	-	.6	-	-	-	-	-	-	-	-	.6	2.6	-	-
" - Van	-	3.0	5.0	-	-	-	-	-	-	-	-	8.0	34.8	1.3	5.7
Truck	-	97.0	187.0	5.0	-	-	-	-	-	-	-	289.0	1256.5	245.6	1067.8
Total	-	100.0	192.6	5.0	-	-	-	-	-	-	-	297.6	1293.9	246.9	1073.5
<u>Total Shipments</u>															
Rail - Mech.	-	.6	1.7	20.8	67.0	9.6	15.2	14.6	-	-	-	129.5	563.1	89.5	389.1
" - Van	-	33.2	118.1	288.5	315.2	217.5	162.4	147.0	73.6	23.1	7.5	1386.1	6026.5	640.4	2784.3
Truck	30.7	912.8	1165.1	2153.6	2312.3	1537.3	1186.1	986.4	400.9	172.0	50.4	10907.6	47424.3	6604.6	28715.7
Total	30.7	946.6	1284.9	2462.9	2694.5	1764.4	1363.7	1148.0	474.5	195.1	57.9	12423.2	54013.9	7334.5	31889.1
<u>Imports</u>															
Canada	-	-	-	-	48.0	3.0	-	-	-	-	-	51.0	221.7	25.3	110.0
Chile	651.0	129.0	13.0	1.0	-	-	-	1.0	93.0	362.0	1504.0a/	2754.0	11973.9	1489.7	6477.0
Mexico	14.0	259.0	84.0	-	-	1.0	-	-	-	-	-	358.0	1556.5	163.4	710.4
South Africa	7.0	-	-	-	-	-	-	-	-	-	-	7.0	30.4	4.9	21.3
Total	672.0	388.0	97.0	1.0	48.0	4.0	-	1.0	93.0	362.0	1504.0	3170.0	13782.6	1683.3	7318.7

Compiled from Fresh Fruit and Vegetable Shipments FWUS-7 calendar year 1982 and for 1983 data provided by the U.S. Department of Agriculture, Fruit and Vegetable Division, Washington, D.C.

a/ Includes data for April which are included in season total.

TABLE 2.

TABLE GRAPES: WEEKLY RANGE F.O.B. SHIPPING POINT, BY DISTRICTS,
BY VARIETY, CALIFORNIA 1982-83 SEASON a/

Week Ending	Coachella Valley District						Week Ending	Lodi District			
	Dollars per 22 pound lug							Dollars per 23 pound lug			
1982	Perlette			Flame			1982	Tokay			
June 6	15.00-16.00	Cardinal	Beauty	Seedless			Sept. 5	7.00			
13	14.00-15.00	16.00-18.00	Seedless	21.00-25.00			12	7.00			
20	15.00-16.00	15.00-16.00	20.00-22.00	18.00-22.00			19	7.00			
27	14.00-16.00	13.00-16.00	18.00-22.00	16.00-18.00	Thompson	Exotic	26	7.00			
					Seedless	20.00-22.00					
July 4		9.00-12.00		14.00-16.00	13.00-16.00	18.00-20.00	Oct. 3	7.00			
11		9.00-10.00		14.00-18.00	12.00-13.00	15.00-18.00		Last Report			
18		8.00-10.00			12.00-13.00						
				Last Report							
Week Ending	Kern District					Central San Joaquin Valley District					
	Dollars per 23 pound lug										
1982	Thomson	Cardinal	Exotic	Flame							
July 25	Seedless	10.00-12.00	16.00-18.00	Seedless	16.00-18.00						
Aug. 1	10.00-14.00	7.00-10.00	14.00-16.00	12.00-16.00		Cardinal	Flame	Thompson			
8	10.00	7.00-8.00	12.00-14.00	10.00-12.00		Seedless	Seedless	Seedless			
15	10.00	8.00-9.00	12.00	10.00-12.00		7.00-8.00	10.00	10.00			
22	8.00-10.00	8.00-9.00	12.00	10.00-12.00		6.00-7.00	10.00	9.00-10.00	Ribier	Queen	
29	8.00-9.00		10.00-12.00	10.00-12.00		6.00-7.00	9.00-10.00	8.00-9.00	10.00	8.00-9.00	
		Ribier				Ruby	9.00-10.00	8.00	10.00	8.00-9.00	
Sept. 5	7.00-8.00	10.00-11.00	9.00-10.00	10.00-12.00		Seedless	10.00-12.00	9.00-10.00	7.00-8.00	8.00-9.00	
12	7.00-8.00	9.00-11.00	9.00-10.00	10.00-12.00		10.00-12.00	9.00-10.00	7.00-8.00	10.00	8.00-9.00	
19	7.00-8.00	9.00-10.00	9.00-10.00	Queen		10.00	9.00-10.00	7.00-8.00	9.00-10.00	7.00-9.00	
26	8.00-9.00	9.00-10.00	9.00-10.00	8.00-9.00		10.00	9.00-10.00	7.00-8.00	8.00-9.00	7.00	
						10.00	10.00-12.00	8.00	8.00-9.00	7.00	
Oct. 3	8.00-9.00	-	9.00-10.00	8.00-9.00		10.00	10.00	8.00-9.00	8.00-9.00	7.00-8.00	
			Calmeria	Emperors						Emperor	
10	8.00-10.00	10.00-12.00	8.00-9.00	7.00-9.00		10.00	Calmeria	8.00-9.00	8.00-9.00	7.00	
17	8.00-9.00	10.00	8.00-9.00	7.00-9.00		8.00-10.00	8.00-9.00	8.00-9.00	8.00-9.00	7.00	
24	8.00-9.00	10.00	8.00-9.00	7.00-8.00		8.00-10.00	8.00-9.00	8.00-9.00	8.00-9.00	7.00	
31	8.00-9.00	10.00	8.00-9.00	7.00-8.00		8.00-10.00	8.00-9.00	8.00-9.00	8.00-9.00	6.00-7.00	
								Almeria			
Nov. 7	8.00-9.00	10.00	8.00-9.00	7.00-8.00		8.00-10.00	8.00-9.00	8.00	8.00	6.00-7.00	
14		10.00	8.00	7.00-8.00		8.00-10.00	7.00-8.00	8.00	8.00	6.00-7.00	
21		10.00	7.50-8.00	6.50-7.00		8.00-10.00	7.00-8.00	8.00	8.00	5.50-7.00	
28		10.00	7.50-8.00	6.00-7.00		8.00-10.00	7.00-8.00	8.00	8.00	5.50-6.00	
Dec. 5		10.00	7.50-8.00	6.00-7.00		7.00-10.00	7.00-8.00	7.00-8.00	8.00	5.00-6.00	
12		10.00	7.50-8.00	6.00-6.50		8.00-11.00	7.00-8.00	7.00	8.00	5.00-5.50	
19		10.00	7.00-8.00	6.00-6.50		9.00-11.00	7.00	7.00	8.00	5.00-5.50	
26		10.00	7.00-8.00	6.00-6.50			7.00	7.00		5.00-5.50	
1983											
Jan. 2				6.00-6.50			7.00	7.00		5.00-5.50	
9				6.00-6.50						4.50-5.50	
16				6.00-6.50			6.00-7.00			4.50-6.00	
23				6.00-6.50			6.00			5.00-6.00	
30				6.00-6.50			6.00			5.00-6.00	
Feb. 6				6.00-6.50						5.00-6.00	
13				6.00-6.50						5.00-6.00	
20				6.00-6.50						6.00-8.00	
27				6.00-6.50						6.00-8.00	
				Last Report						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.

TABLE 3.

TABLE GRAPES: WHOLESALE PRICES AT LOS ANGELES AND SAN FRANCISCO,
EACH THURSDAY, CALIFORNIA ORIGIN, 1982-83 MARKETING SEASON

Date		Los Angeles				San Francisco			
Dollars per 22-23 pound lug a/									
<u>1982</u>		<u>Perlettes</u>	<u>Flame Seedless</u>	<u>Cardinals</u>	<u>Black Seedless</u>	<u>Perlettes</u>	<u>Flame Seedless</u>	<u>Cardinals</u>	<u>Thompson Seedless</u>
June	3	17.50-20.00	28.00-30.00	18.00-22.00	28.00	20.00-24.00	17.50-18.00		
	10	16.00-18.00	26.00-30.00	16.00-20.00					
	17	16.00-18.00	21.00-26.00	16.00-19.00	20.00-24.00	18.50-19.00	27.00-28.00		
	24	15.00-16.00	19.00-21.00	16.00-17.00	Thompson Seedless	18.50-19.00	20.00-22.00	17.00-18.00	
July	1	<u>Exotic</u>	17.00-19.00	13.00-16.00	16.00-18.00	<u>Exotic</u>	19.00-20.00	17.00-18.00	19.00-20.00
	8	20.00-22.00	16.00-19.00	12.00-16.00	13.00-16.00	24.00	18.00-19.00	<u>Beauty Seedless</u>	15.00-16.00
	15	18.00-22.00	15.00-18.00	10.00-15.00	13.00-17.00	22.00-24.00	21.00	22.00-24.00	15.00-16.00
	22	18.00-19.00	18.00	13.00-14.00	14.00-16.00	22.00-24.00	21.00-22.00	22.00-24.00	15.00-16.00
	29	15.00-19.00	16.00-19.00	10.00-12.00	10.00-15.00	16.00-16.50	15.00		14.00
Aug.	5	13.00-17.00	12.00-16.00	9.00-10.00	10.00-13.00	15.00-16.00	15.00		12.00-13.00
	12	11.00-13.00	10.00-13.00	<u>Ribiers</u>	10.00-12.00	15.00-16.00	11.50-12.00	<u>Ribiers</u>	11.50-12.50
	19	12.00-13.00	11.00-14.00	9.00-12.00	10.00-12.00	13.50-15.00	11.00-12.50	12.00	10.50-11.50
	26	12.00-14.00	10.00-13.00	11.00-14.00	10.00-12.00	13.50-15.00	11.00-12.50	12.00	9.00-11.00
Sept.	2	<u>Tokay</u>	9.00-13.00	10.00-12.00	8.00-10.00		11.00-12.50	12.00	9.00-11.00
	10	9.00-10.00	10.00-14.00	10.00-12.00	8.00-10.00	<u>Tokay</u>	11.00-12.00	9.00-10.00	9.00-10.00
	16	9.00	10.00-14.00	10.00-12.00	10.00-12.00	8.50	11.00-12.00	9.00-10.00	9.00-10.00
	23	8.00-9.00	10.00-14.00	10.00-12.00	10.00-12.00	8.50	11.00-12.00	9.00-10.00	9.00-10.00
	30		10.00-11.00	10.00-12.00	11.50-14.00	9.50		11.00-14.00	-11.50-14.00
Oct.	7	<u>Italia</u>	10.00-11.00	9.00-12.00	11.00-15.00		<u>Emperor</u>	11.50-12.50	13.50-14.00
	14	9.00-10.00	14.00-15.00	8.00-12.00	10.00-13.00		9.00-11.00	13.00	13.00-14.00
	21	9.00-10.00	8.00-9.50	8.00-12.00	11.00-14.50		9.00-11.00	-	13.00-14.00
	28	8.00-10.00		9.50-12.00			9.00-11.00	14.50-15.50 b/	16.50-17.00 b/
Nov.	5	9.00-10.00	<u>Emperor</u>	9.00-12.00	<u>Calmeria</u>		10.00-11.00	14.50-15.50 b/	17.00-18.00 b/
	12	<u>Almeria</u>	7.00-12.00	10.00-14.00	10.00-12.00	<u>Calmeria</u>	10.00-11.00	14.50-15.50 b/	
	17	8.00-10.00	7.00-10.00	10.00-13.00	8.00-9.00	10.00-11.00	10.00-11.00	14.50-15.50 b/	20.00 b/
	24	7.50-10.00	7.50-12.00	10.00-13.00	8.00-9.00
Dec.	2	<u>Red Seedless</u>	7.00-10.00	12.00-13.00	10.00-12.00	10.00-11.00	9.00-10.00	11.00-13.00 b/	
	9	14.00-15.00	7.00-10.00	9.00-13.00	10.00-12.00	10.00-11.00	9.00-10.00	11.00-13.00 b/	
	17	14.00-15.00	7.00-10.00	9.00-12.00	9.00-10.00	10.00-11.00	9.00-10.00	11.00-13.00 b/	
	22	16.00-18.00 b/	7.00-9.00	7.00-9.00	7.50-9.00	10.00-11.00	9.00-10.00	11.00-13.00 b/	
	29	16.00 b/	7.00-9.50	7.00-9.00	8.50-9.00	10.00-11.00	9.00-10.00	22.00 b/	
<u>1983</u>									
Jan.	6	16.00 b/	7.00-9.00	13.00-16.00 b/	9.50	-	8.00-9.00		
	13	16.00-18.00 b/	6.00-9.00	14.00-17.00 b/	5.00-7.00	-	8.00-9.00		
	20	16.00-18.00 b/	6.00-9.00		16.00 b/	10.00	8.00-9.00		
	27	16.00-18.00 b/	6.00-9.00		16.00 b/	10.00	8.00-9.00		
Feb.	3	15.00-16.00 b/	6.00-9.00		16.00 b/	10.00	8.00-9.00		
	10	-	7.00-9.00		-	10.00	8.00-9.00		
	17	-	6.00-8.00		-		8.00-9.00		
	24	-	8.00-9.00		-		8.00-9.00		
March	3	-	8.00-10.00		-		11.00-12.00 b/		
	10	-	8.00-9.00		6.00-6.50				
	17	7.50-8.00							

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

a/ 23 pound lug prices effective approximately July 29th.

b/ 20-22 pound lugs, wrapped bunches.

TABLE 4.

TABLE GRAPES: WHOLESALE PRICES AT NEW YORK AND CHICAGO, BY MAJOR VARIETIES OF CALIFORNIA ORIGIN, EACH THURSDAY, 1982-83 MARKETING SEASON

Date	New York				Chicago			
Dollars per 22-23 pound lugs ^{a/}								
<u>1982</u>	<u>Perlettes</u>	<u>Cardinals</u>			<u>Perlettes</u>	<u>Cardinals</u>	<u>Flame</u>	
June 10	18.00-20.00	17.00			20.00-21.00	21.00	<u>Seedless</u>	
17	22.00	-			19.50-21.00	19.00-19.50	27.00	
24	20.00-22.00	-	<u>Thompson</u>	<u>Superior</u>	19.00-20.00	19.00-19.50	27.00	
			<u>Seedless</u>	<u>Seedless</u>				<u>Thompson</u>
July 1	<u>Exotics</u>	19.00-22.00	20.00-23.00	20.00-22.00	16.00-17.00	18.00-19.00	26.00-27.00	<u>Seedless</u>
8	24.00-26.00	16.00-18.00	17.00-19.00	18.00	<u>Exotics</u>	16.00-17.00	25.00	16.50-17.50
15	20.00-22.00	15.00-17.00	17.00-18.00	<u>Flame</u>	21.00-22.00	14.00-15.00	25.00	16.00-17.00
22	20.00-23.00	16.00-17.00	18.00-20.00	<u>Seedless</u>	21.00-22.00	14.00-15.00	21.00-22.00	16.00-17.00
29	20.00-21.00		18.00-20.00	20.00	21.00-23.00	15.00	22.00-24.00	16.50-17.50
Aug. 5	17.00-18.00	13.00-15.00	16.00-18.00	16.00-17.00	16.00-18.00	12.00-14.00	14.00-16.00	16.00-16.50
12	16.00-18.00	12.00-14.00	14.00-16.00	-	17.00-18.00	<u>Ribiers</u>	16.00-18.00	14.00-16.00
19	<u>Queens</u>	<u>Ribiers</u>	13.00-15.00	14.00-16.00	16.00-18.00	16.00	16.00-18.00	12.00-14.00
26	13.00-14.00	15.00	12.00-13.00	16.00		16.00-17.00	16.00-18.00	12.00-14.00
					<u>Queens</u>			
Sept. 2	14.00	14.00-16.00	12.00-13.00	16.00	12.00-14.00	14.00-16.00	15.00-17.50	11.00-14.00
10	14.00-15.00	14.00-15.00	12.00-13.00	<u>Tokays</u>	13.00-14.00	13.00-14.00	14.00-15.00	10.00-11.00
16		15.00-16.00	12.00-14.00	11.00-12.00	14.00-15.00	13.00-15.00	14.00-15.00	11.00-13.50
23		13.00-14.00	12.00-14.00	10.00-12.00	14.00-15.00	13.00-14.00	14.00-15.00	11.00-12.50
30	<u>Red</u>	14.00-15.00	13.00-15.00		13.00-14.00	13.00-14.00	14.00-16.00	11.00-12.50
	<u>Seedless</u>			<u>Emperor</u>				
Oct. 7	17.00-18.00	14.00-16.00	13.00-15.00	12.00-14.00	<u>Emperor</u>	13.00-14.00	14.00-14.50	13.00-15.00
14		14.00-16.00	16.00-18.00	b/ 11.00-13.00	11.00-13.00	12.00-14.00	<u>Calmeria</u>	13.00-15.00
21		12.00-14.00	14.00-16.00	b/ 11.00-12.00	11.00-12.00	12.00-13.00	12.00-13.00	13.00-15.50
28		13.00-14.00	14.00-16.00	b/ 11.00-12.00	11.00-12.00	12.00-14.00	12.00-13.00	12.00-13.00
	<u>Calmerias</u>							
Nov. 5	12.00-13.00	13.00-14.00	14.00-16.00	b/ 10.00-11.00	11.00-12.00	12.00-13.00	13.00	12.00-13.00
12	-	13.00-15.00	17.00-18.00	b/ 10.00-11.00	11.00-12.00	15.00	11.00-12.00	15.00
19	12.00-13.00	13.00-15.00	<u>Almeria</u>	10.00-11.00	10.00-11.00	15.00	11.50-12.00	16.00-17.00 b/
26	12.00-13.00	13.00-14.00	12.00	10.00-11.00	11.00-12.00	14.00-15.00	12.00-13.00	16.00-18.00 b/
Dec. 2	12.00-14.00	13.00-14.00	10.00-12.00	10.00-11.00	10.00-11.00	14.00-15.00	11.00-12.00	
9	12.00-13.00	13.00-14.00		10.00-11.00	10.00-11.00	14.00-15.00	11.00-12.00	
17	12.00-13.00	13.00-14.00		10.00-11.00	10.00-11.00	14.00-15.00	10.00-12.00	
22	12.00	18.00-22.00	b/	10.00-11.00	10.00-11.00	14.00-15.00	10.00-12.00	
29	12.00-13.00	18.00-22.00	b/	10.00-10.50	10.00-11.00	15.00-16.00	11.00-12.00	
<u>1983</u>								
Jan. 6				9.00-10.00	9.00-10.00	17.00	9.00-10.00	
13				9.50-10.50	9.25-10.00	16.00	9.00-9.50	
20				7.00-8.00	9.50-10.50	-	9.00-9.50	
27				-	8.50-9.50	16.00-18.00	b/ 9.00-9.50	
Feb. 3				14.00-15.00	b/ 9.00-10.00	15.00-17.00	b/ 9.00	
10					9.00-10.00			
17					9.00-10.00			

Compiled from reports of the Federal-State Market News Service, Chicago, Illinois and New York, New York.

a/ 23 pound lug prices effective approximately August 5th.

b/ 20-21 pound lugs, wrapped bunches.

TABLE 5.

TABLE GRAPES: RAIL AND TRUCK ARRIVALS FROM CALIFORNIA, BY MONTHS,
23 U.S. AND 5 CANADIAN CITIES JUNE 1982-APRIL 1983 a/

City	1982													
	June b/		July b/		August b/		September b/		October b/		November b/		December b/	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
In 10,000 pound units														
EASTERN														
Atlanta, Ga.	-	90	-	90	-	180	-	280	-	210	-	170	-	120
Balt., Md.-Wash., D.C.	-	110	-	150	10	370	30	360	10	240	-	210	10	180
Boston, Mass.	20	240	140	380	390	610	480	410	600	250	320	200	300	160
Buffalo, N.Y.	-	40	-	40	-	100	-	110	-	80	-	80	-	130
Cincinnati, Oh.	-	120	-	130	-	220	-	340	-	180	-	190	-	140
Columbia, S.C.	-	10	-	20	-	30	-	30	-	20	-	30	-	30
Detroit, Mich.	-	160	10	200	30	360	20	400	20	250	-	210	40	160
N.Y., N.Y.-Newark, N.J.	20	250	180	460	810	890	1100	860	690	610	610	540	450	480
Philadelphia, Pa.	10	180	40	270	90	480	100	550	20	320	40	370	30	230
Pittsburgh, Pa.	-	60	-	90	-	210	60	250	60	150	10	180	-	140
Total	50	1260	370	1850	1330	3450	1790	3590	1400	2310	980	2180	850	1770
WESTERN														
Chicago, Ill.	360	150	610	210	2330	620	3200	490	1450	460	1680	250	1300	200
Dallas, Tex.	-	90	-	120	-	380	-	490	-	320	-	160	-	90
Denver, Colo.	-	140	-	130	-	270	-	160	-	150	-	60	-	50
Los Angeles, Calif.	-	680	-	780	-	1170	-	1390	-	930	-	550	-	370
New Orleans, La.	-	80	-	80	-	150	-	220	-	90	-	70	-	50
St. Louis, Mo.	-	100	-	120	-	240	10	330	-	180	-	120	-	80
San Antonio, Tex.	-	70	-	90	10	270	-	220	-	140	-	80	-	60
San Fran.-Oakland, Calif.	-	290	-	540	-	740	-	740	-	490	-	330	-	210
Seattle-Tacoma, Wash.	-	200	-	200	-	430	-	380	-	220	-	90	-	80
Total	360	1710	610	2270	2340	4270	3210	4420	1450	2980	1680	1710	1300	1190
TOTAL U.S.	410	2970	980	4100	3670	7720	5000	8010	2850	5290	2660	3890	2130	2960
CANADA														
Montreal, Que.	-	40	-	60	50	100	-	570	10	430	10	470	-	290
Ottawa, Ont.	-	20	-	40	-	90	-	90	-	10	-	60	-	50
Toronto, Ont.	-	100	-	380	-	630	-	650	190	670	10	450	10	630
Vancouver, B.C.	10	110	-	140	-	260	-	400	-	170	-	130	-	80
Winnipeg, Man.	-	50	-	90	-	90	-	130	-	70	-	60	-	60
Total	10	320	-	710	50	1170	-	1840	200	1350	20	1170	10	1110
TOTAL U.S. & CANADA - 1982-83	420	3290	980	4810	3720	8890	5000	9850	3050	6640	2680	5060	2140	4070
- 1981-82	69	2283	528	4932	2216	8522	2478	6526	1621	3874	1231	2816	1115	2511
FOREIGN IMPORTS:														
Total Arrivals at 23 U.S. Cities														
1982-83 d/														
1981-82														

City	1983								Total			Equivalent		
	January		February		March		April		1982-83 Season			1,000 23# Lugs		
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Total	1982-83	1981-82	
In 10,000 pound units														
EASTERN														
Atlanta, Ga.	-	61	-	45	-	34	-	3	-	1283	1283	558	334	
Balt., Md.-Wash., D.C.	7	136	-	42	-	28	-	8	67	1834	1901	827	505	
Boston, Mass.	112	67	32	38	7	1	-	-	2401	2356	4757	2068	1345	
Buffalo, N.Y.	-	24	-	3	-	-	-	-	-	607	607	264	179	
Cincinnati, Oh.	-	96	-	63	-	17	-	-	-	1496	1496	650	395	
Columbia, S.C.	-	18	-	19	-	20	-	1	-	228	228	99	74	
Detroit, Mich.	-	75	11	37	-	14	-	-	131	1366	1397	868	652	
N.Y., N.Y.-Newark, N.J.	191	307	83	129	40	22	-	-	4196	4546	8742	3801	2558	
Philadelphia, Pa.	18	147	7	43	22	9	-	3	377	2604	2982	1296	1168	
Pittsburgh, Pa.	-	58	4	36	18	-	-	3	134	1195	1329	578	421	
Total	328	989	137	457	69	161	22	18	7306	18015	25321	11009	7636	
WESTERN														
Chicago, Ill.	616	132	230	48	47	53	11	14	11834	2627	14461	6287	3132	
Dallas, Tex.	-	79	-	28	-	63	-	1	-	1821	1821	792	429	
Denver, Colo.	-	34	-	26	-	6	-	-	-	1026	1026	446	362	
Los Angeles, Calif.	-	333	-	132	-	92	-	30	-	6457	6457	2807	2307	
New Orleans, La.	-	41	-	12	-	-	-	-	-	793	793	345	331	
St. Louis, Mo.	-	58	-	31	-	4	-	-	10	1263	1273	554	193	
San Antonio, Tex.	-	37	-	14	-	8	-	-	10	990	1000	435	315	
San Fran.-Oakland, Calif.	-	160	-	65	-	15	-	-	-	3490	3490	1517	1077	
Seattle-Tacoma, Wash.	-	63	-	39	-	30	-	10	-	1742	1742	757	620	
Total	616	997	230	395	47	272	11	55	11854	20209	32063	13940	8761	
TOTAL U.S.	944	1926	367	852	116	433	33	73	19160	38224	57384	24950	16397	
CANADA														
Montreal, Que.	-	183	-	169	-	33	-	-	70	2345	2415	1050	329	
Ottawa, Ont.	-	34	-	14	-	-	-	-	-	408	408	177	171	
Toronto, Ont.	-	324	-	198	-	97	-	5	210	4134	4344	1889	1537	
Vancouver, B.C.	-	60	-	41	-	29	-	-	10	1420	1430	622	399	
Winnipeg, Man.	-	26	-	25	-	5	-	-	-	606	606	263	172	
Total	-	627	-	447	-	164	-	5	290	8913	9203	4001	2608	
TOTAL U.S. & CANADA - 1982-83	944	2553	367	1299	116	597	33	78	19450	47137	66587	28951	19005	
- 1981-82	383	1138	201	701	13	137	d/	d/	9862	33850	43712			
FOREIGN IMPORTS:														
Total Arrivals at 23 U.S. Cities														
1982-83 a/														
1981-82	200	670		3190		3180		7260			3157		2100	
	100	530		1890		2310		4830					2100	

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

a/ Rail includes mechanical cars, piggyback vans, and air arrivals.

b/ Converted from 1,000 hundredweight basis.

c/ Preliminary, compiled from weekly arrivals at 23 U.S. cities.

d/ Breakdown by U.S. city unavailable. Not included in totals.

TABLE 6. TABLE GRAPES: SEMI-MONTHLY COLD STORAGE HOLDINGS IN CALIFORNIA
BY VARIETY, 1978-1982 SEASON

Season a/	August		September		October		November	
	31	15	30	15	31	15	30	
<u>Number of packages</u>								
<u>THOMPSON SEEDLESS</u>								
1978	2,957,240	1,339,130	705,180	266,740	70,160	25,450	b/	
1979	2,988,630	1,931,580	970,250	321,500	86,940	b/	-	
1980	2,689,920	4,137,760	3,451,270	1,623,730	464,220	164,640	30,470	
1981	2,668,570	1,400,590	631,280	150,840	b/	-	-	
1982	3,456,000	4,567,200	3,496,460	1,447,640	370,390	53,310	b/	
<u>RIBIER</u>								
1978	141,190	253,840	422,070	282,250	127,650	42,330	12,450	
1979	234,720	466,470	731,640	813,790	570,120	342,820	145,940	
1980	168,420	312,490	635,600	857,420	824,040	622,470	403,990	
1981	499,450	871,200	963,160	855,310	626,600	444,130	235,870	
1982	111,800	384,360	692,620	892,490	739,530	475,220	264,140	
<u>ALMERIA</u>								
1978	-	-	14,370	75,960	98,850	93,610	62,270	
1979	-	-	2,040	128,490	139,370	94,770	15,930	
1980	-	-	-	b/	75,600	78,770	47,390	
1981	-	-	25,190	59,260	87,040	69,880	40,150	
1982	-	-	-	16,340	59,880	85,400	81,160	
<u>CALMERIA</u>								
1978	-	59,170	1,345,050	1,688,730	1,373,170	988,930	626,400	
1979	-	63,850	826,560	1,240,290	824,770	485,670	146,470	
1980	-	b/	87,260	1,092,670	1,533,350	1,006,390	557,900	
1981	-	25,730	1,041,710	1,311,780	978,750	573,630	309,860	
1982	-	b/	145,140	1,174,590	1,787,020	1,301,810	778,940	
<u>EMPEROR</u>								
1978	-	107,440	1,518,050	2,907,500	4,369,290	4,243,390	3,224,050	
1979	-	222,520	1,370,020	3,700,210	5,030,470	4,446,220	3,524,860	
1980	-	b/	709,290	1,867,490	4,740,100	4,895,780	4,133,250	
1981	-	69,980	816,530	2,742,010	4,081,220	4,422,110	3,608,000	
1982	-	86,180	614,230	3,789,600	6,381,070	6,898,590	6,097,600	
<u>TOKAY</u>								
1978	-	b/	-	-	-	-	-	
1979	139,120	317,800	257,300	-	b/	-	-	
1980	69,000	257,060	255,840	b/	-	-	-	
1981	182,800	271,920	207,050	21,600	-	-	-	
1982	35,400	337,220	181,900	16,700	-	-	-	
<u>OTHERS</u>								
1978	220,300	59,760	38,320	20,430	52,990	12,200	b/	
1979	166,320	158,260	150,920	94,560	49,560	b/	b/	
1980	118,910	186,490	214,880	144,040	148,510	120,130	100,150	
1981	362,750	305,640	265,190	178,690	132,780	86,880	10,880	
1982	417,890	511,330	159,600	865,290	715,290	557,900	273,490	
<u>ALL VARIETIES</u>								
1978	3,318,730	1,819,340	4,043,040	5,241,610	6,092,110	5,405,910	3,925,170	
1979	3,528,790	3,160,480	4,308,730	6,298,840	6,701,230	5,369,480	3,833,200	
1980	3,046,250	4,893,800	5,354,140	5,585,350	7,785,820	6,888,180	5,273,150	
1981	3,713,570	2,936,060	3,950,110	5,319,490	5,906,390	5,596,630	4,204,760	
1982	4,021,090	5,886,290	5,889,950	8,202,650	10,053,180	9,372,230	7,495,330	

(Continued)

TABLE 6. TABLE GRAPES: SEMI-MONTHLY COLD STORAGE HOLDINGS IN CALIFORNIA
BY VARIETY, 1978-1982 SEASON (Cont'd)

Season a/	December		January		February		March
	15	31	15	31	15	28	15
<u>Number of packages</u>							
<u>THOMPSON SEEDLESS</u>							
1978	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-
1980	b/	-	-	-	-	-	-
1981	-	-	-	-	-	-	-
1982	b/	b/	-	-	-	-	-
<u>RIBIER</u>							
1978	2,660	b/	-	-	-	-	-
1979	30,260	-	-	-	-	-	-
1980	131,280	36,670	b/	-	-	-	-
1981	74,010	6,050	b/	-	-	-	-
1982	101,940	14,740	-	-	-	-	-
<u>ALMERIA</u>							
1978	30,710	10,280	b/	-	-	-	-
1979	-	-	-	-	-	-	-
1980	27,520	16,340	-	-	-	-	-
1981	b/	b/	-	-	-	-	-
1982	51,620	39,000	9,110	b/	-	-	-
<u>CALMERIA</u>							
1978	319,600	220,910	95,960	17,120	b/	-	-
1979	b/	-	-	-	-	-	-
1980	167,020	6,550	-	-	-	-	-
1981	118,620	b/	-	-	-	-	-
1982	434,620	234,300	97,990	45,780	b/	-	-
<u>EMPEROR</u>							
1978	2,231,100	1,315,130	811,620	388,730	161,330	-	-
1979	2,167,970	1,277,500	603,990	147,370	-	-	-
1980	2,920,070	2,118,000	1,464,270	849,570	401,880	b/	-
1981	2,389,530	1,580,400	940,480	438,270	b/	-	-
1982	4,376,330	2,936,660	1,887,760	1,190,370	526,260	228,640	-
<u>TOKAY</u>							
1978	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
<u>OTHERS</u>							
1978	b/	b/	b/	b/	-	-	-
1979	-	-	-	-	-	-	-
1980	54,230	34,650	b/	b/	-	-	-
1981	b/	-	-	-	-	-	-
1982	146,090	95,930	37,820	b/	-	-	-
<u>ALL VARIETIES</u>							
1978	2,584,070	1,546,320	907,580	405,850	161,330	-	-
1979	2,198,230	1,277,500	603,990	147,370	-	-	-
1980	3,300,120	2,212,210	1,464,270	849,570	401,880	b/	-
1981	2,582,160	1,586,450	940,480	438,270	b/	-	-
1982	5,110,600	3,320,630	2,032,680	1,236,150	526,260	228,640	-

Compiled from semi-monthly Cold Storage reports, Federal-State Market News Service, Fresno, California.

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 on March 15.

b/ Too few to enumerate.

MARKETING CALIFORNIA GRAPES FOR FRESH USE

NARRATIVE REVIEW OF CALIFORNIA JUICE GRAPES, 1982 SEASON a/

Compared to the previous year, harvest activity was a week later and restricted by heavy rains in late September. Harvested crop was smaller than the previous year, even though tonnage was available, particularly in the Southern San Joaquin Valley. It was noted that some vineyards were abandoned due to poor quality, weather and the uncertainty of the availability of rail transportation due to a mid-September rail strike.

Shipments: Initial shipments were reported on September 6, approximately one week later than last year. Volume was slow to develop as maturity levels were hard to attain. Unseasonably heavy rains interrupted harvest activity the latter part of September. Shipments of black and white varieties were both below 1981 season figures. Overall shipments for the extended shipping season that covered the period September 6 through November 15 were approximately 200,000 lugs less than the 5.4 million lugs shipped the previous year.

Prices: F.O.B. prices were first reported on September 20, ten days later than last year. Final F.O.B. prices were reported on October 8, one day later than the previous year.

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

<u>Variety</u>	<u>Season</u>	
	<u>1982</u>	<u>1981</u>
	<u>Dollars Per Ton</u>	
Muscat	375.00-425.00	400.00-450.00
Alicante	360.00-425.00	350.00-385.00
Carignane	360.00-410.00	365.00-400.00
Grenache	375.00-400.00	365.00-400.00
Zinfandel	425.00-430.00	450.00-460.00
Mission	400.00-425.00	400.00-435.00

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 1982 AND COMPARISONS FOR 1981

Type, District, and Carrier	10,000 Pound Units				Equivalent 1,000 36 Pound Lugs a/	
	September	October	November	Total	1982	1981
BLACK JUICE						
Northern California						
Rail - Mechanical	288	9	-	297	83	613
" - Van	4	38	-	42	11	57
Truck	1,067	1,475	-	2,542	706	712
Total	1,359	1,522	-	2,881	800	1,382
Central California						
Rail - Mechanical	306	9	-	315 b/	88	193
" - Mechanical, Export	162	81	-	243 b/	67	-
" - Van	8	-	-	8	2	2
Truck	2,279	1,982	40	4,301	1,195	824
Total	2,755	2,072	40	4,867	1,352	1,019
Total Black Juice						
Rail - Mechanical	594	18	-	612	170	806
" - Mechanical, Export	162	81	-	243	67	-
" - Van	12	38	-	50	14	59
Truck	3,346	3,457	40	6,843	1,901	1,536
Total	4,114	3,594	40	7,748	2,152	2,401
WHITE JUICE						
Central California						
Rail - Mechanical	279	45	-	324 c/	90	143
" - Mechanical, Export	72	-	-	72	20	-
" - Van	21	187	4	212 c/	59	335
Truck	1,596	960	39	2,595	721	663
Total	1,968	1,192	43	3,203	890	1,141
MIXED JUICE						
Northern California						
Rail - Mechanical	81	-	-	81	22	36
" - Mechanical, Export	18	-	-	18	5	-
" - Van	21	35	-	56	16	-
Total	120	35	-	155	43	36
Central California						
Rail - Mechanical	531	99	-	630	175	1,781
" - Mechanical, Export	2,601	639	-	3,240	900	-
" - Van	852	2,704	34	3,590	997	84
Total	3,984	3,442	34	7,460	2,072	1,865
Southern California						
Rail - Mechanical	9	-	-	9	3	-
" - Van	32	148	8	188	52	-
Total	41	148	8	197	55	-
Total Mixed Juice						
Rail - Mechanical	621	99	-	720	200	1,817
" - Mechanical, Export	2,619	639	-	3,258	905	-
" - Van	905	2,887	42	3,834	1,065	84
Total	4,145	3,625	42	7,812	2,170	1,901
TOTAL JUICE GRAPES						
Rail - Mechanical	1,494	162	-	1,656	460	2,765
" - Mechanical, Export	2,853	720	-	3,573	992	-
" - Van	938	3,112	46	4,096	1,138	479
Truck	4,942	4,417	79	9,438	2,622	2,198
Total	10,227	8,411	125	18,763	5,212	5,442

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

a/ Totals may not add due to rounding.

b/ Includes Central California black juice rail-mechanical 27 and rail-export 54 shipped via Southern California.

c/ Includes Central California white juice rail mechanical 9 and piggyback 200 shipped via Northern California.

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

TABLE 8.

JUICE GRAPES: PRICES F.O.B. SHIPPING POINT, BY DISTRICT,
BY VARIETY, CALIFORNIA, 1982 SEASON a/

Date		Central San Joaquin Valley District				Kern District - Delano Section			
<u>Dollars per ton - 36 pound lidded lugs</u>									
Sept.	20	<u>Muscat</u> 375	<u>Alicante</u> 360-375	<u>Carignane</u> 360-375	<u>Grenache</u> 375				
	21	375	360	360-375	360-375	<u>Muscat</u>	<u>Alicante</u>		
	22	375	360-375	360-375	360-375	375-385	375		
	23	375	360-375	360-375	365-375	375-385	375		<u>Grenache</u>
	24	375	360-375	360-375	365-375	375-385	375-385		375
	27	b/	b/	b/	b/	b/	b/		b/
	28	385-400	400	375-400	375-400	400	400	<u>Carignane</u>	400
	29	385-400	400	385-400	385-400	400	400	400	375-400
	30	400	400	400	400	400	400	400	375-400
Oct.	1	400	400	400	400	400	400	400	400
	4	400	400	400	400	400-410	400-410	400	400
	5	400	400	400	400	400-425	400-425	400	400
	6	400	400	400	400	400-425	400-425	400	400
	7	400	400	400	400				
	8	400	400	400	400				
Last Report					Last Report				

Date		Lodi District				
<u>Dollars per ton - 36 pound lidded lugs</u>						
Sept.	22		<u>Alicante</u> 375	<u>Zinfandel</u> 430	<u>Carignane</u> 375	
	23		370	430	375	
	24		375	430	375	
	27		b/	b/	b/	
	28		b/	b/	b/	<u>Mission</u>
	29		375-410	430	375-410	425
	30		400	430	385-400	425
Oct.	1		375-400	430	390-400	400-425
	4		400-435	425-485	400	400-425
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.

b/ Too few sales to quote - harvest curtailed account of wet vineyards.

TABLE 9. JUICE GRAPE ARRIVALS FROM CALIFORNIA BY RAIL, PIGGYBACK VAN, AND TRUCK BY JUICE TYPE AT 25 U.S. AND 5 CANADIAN CITIES, BY MONTHS SEPTEMBER-NOVEMBER 1982 WITH COMPARISONS 1981

City	September			October			Novem-ber	Totals			Total Re-corded 1982	Total 25 U.S. and 5 Canadian Cities Equiv. 1,000 36 Pound Lugs	
	Rail	Van	Truck	Rail	Van	Truck	Van	Rail	Van	Truck	1982	1982	1981 a/
In 10,000 pound units													
EASTERN													
Atlanta, Ga.	-	-	-	-	-	-	-	-	-	-	-	-	3
Total	-	-	-	-	-	-	-	-	-	-	-	-	3
Balt., Md.-Wash., D.C.	-	9	-	-	4	-	-	-	13	-	13	4	4
Mixed	-	9	-	-	4	-	-	-	13	-	13	4	4
Boston, Mass.	-	4	8	-	30	105	-	-	34	113	147	41	47
Black	-	4	8	-	30	105	-	-	34	113	147	41	47
White	-	-	-	-	9	24	-	-	9	24	33	9	28
Mixed	-	-	-	-	-	-	-	-	-	-	-	-	8
Total	-	4	8	-	39	129	-	-	43	137	180	50	57
Buffalo, N.Y.	-	-	1	-	-	22	-	-	-	23	23	6	3
Black	-	-	1	-	-	22	-	-	-	23	23	6	3
White	-	-	-	-	-	9	-	-	-	10	10	3	3
Total	-	-	1	-	-	31	-	-	-	33	33	9	6
Cincinnati, Oh.	-	-	1	-	-	-	-	-	-	1	1	b/	2
Black	-	-	1	-	-	-	-	-	-	1	1	b/	2
White	-	-	3	-	-	11	-	-	-	14	14	4	1
Total	-	-	4	-	-	11	-	-	-	15	15	4	3
Detroit, Mich.	9	-	12	27	-	61	-	36	-	73	109	30	19
Black	9	-	12	27	-	61	-	36	-	73	109	30	19
White	9	4	7	-	-	42	-	9	4	49	62	17	11
Mixed	-	-	-	18	-	-	-	18	-	-	18	5	11
Total	18	4	19	45	-	103	-	63	4	122	189	52	40a/
New York, N.Y.-Newark, N.J.	9	34	13	108	1,114	15	194	117	1,342	28	1,487	413	181
Mixed	9	34	13	108	1,114	15	194	117	1,342	28	1,487	413	181
Philadelphia, Pa.	-	-	-	-	-	15	-	-	-	15	15	4	8
Black	-	-	-	-	-	15	-	-	-	15	15	4	8
White	-	-	-	9	-	11	-	9	-	11	20	6	5
Mixed	-	-	-	-	-	28	-	-	-	37	37	10	2
Total	-	-	9	9	-	54	-	9	-	63	72	20	13a/
Pittsburgh, Pa.	-	-	16	9	17	35	-	9	17	51	77	22	14
Black	-	-	16	9	17	35	-	9	17	51	77	22	14
White	-	-	12	-	9	30	-	-	9	42	51	14	8
Mixed	-	-	-	-	-	-	-	-	-	-	-	-	11
Total	-	-	28	9	26	65	-	9	26	93	128	36	30a/
TOTAL EASTERN	27	51	83	171	1,183	408	194	198	1,428	491	2,117	588	347
WESTERN													
Chicago, Ill. c/	-	9	38	-	-	39	52	-	61	77	138	38	217
Black	-	9	38	-	-	39	52	-	61	77	138	38	217
White	-	-	13	-	-	13	-	-	-	26	26	7	31
Mixed	-	740	4	-	3,483	-	60	-	4,283	4	4,287	1,191	27
Total	-	749	55	-	3,483	52	112	-	4,344	107	4,451	1,236	279a/
St. Louis, Mo.	-	-	3	-	-	2	-	-	-	5	5	1	1
Mixed	-	-	3	-	-	2	-	-	-	5	5	1	1
Seattle-Tacoma, Wash.	-	-	3	-	-	14	-	-	-	17	17	5	11
Black	-	-	3	-	-	14	-	-	-	17	17	5	11
White	-	-	1	-	-	4	-	-	-	5	5	1	-
Total	-	-	4	-	-	18	-	-	-	22	22	6	11a/
TOTAL WESTERN	-	749	62	-	3,483	72	112	-	4,344	134	4,478	1,244	291
TOTAL U.S.	27	800	145	171	4,666	480	306	198	5,772	625	6,595	1,832	638
CANADA													
Montreal, Que.	1,386	-	81	1,273	-	469	709d/	2,680	-	1,238e/	3,918	1,088	798
Mixed	1,386	-	81	1,273	-	469	709d/	2,680	-	1,238e/	3,918	1,088	798
Ottawa, Ont.	70	-	86	40	-	55	-	110	-	141	251	70	92
Mixed	70	-	86	40	-	55	-	110	-	141	251	70	92
Toronto, Ont.	-	-	1,085	-	-	804	54f/	54	-	1,889	1,943	540	1,462
Mixed	-	-	1,085	-	-	804	54f/	54	-	1,889	1,943	540	1,462
Vancouver, B.C.	-	-	27	-	-	129	-	-	-	156	156	43	165
Mixed	-	-	27	-	-	129	-	-	-	156	156	43	165
Winnipeg, Man.	-	-	22	-	-	156	3	-	-	181	181	50	54
Mixed	-	-	22	-	-	156	3	-	-	181	181	50	54
TOTAL CANADA	1,456	-	1,301	1,313	-	1,613	766	2,844	-	3,605	6,449	1,791	2,571
TOTAL U.S. & CANADA	1,483	800	1,446	1,484	4,666	2,093	1,072	3,042	5,772	4,230	13,044	3,623	3,209

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/ Note: Some city totals for 1981 do not add due to rounding of juice type totals.

b/ Less than 500 lugs.

c/ Chicago arrivals by piggyback van may include quantities later redistributed to other cities.

d/ Includes 21 arrivals by rail car and 688 arrivals by truck.

e/ Includes 13 foreign imports other than California origin.

f/ Includes 54 arrivals by rail car.

TABLE 10. GRAPE PRODUCTION, PRICE AND VALUE, BY STATE, 1980-82

State	1980	1981	1982	1980	1981	1982
	<u>Total production (tons)</u>			<u>Utilized production (tons)</u>		
Arizona	12,400	12,400	15,100	12,400	12,400	15,100
Arkansas	6,600	6,000	10,500	6,600	6,000	10,500
California	5,124,000	3,993,000 <u>b/</u>	6,138,000	5,124,000	3,993,000	5,358,000
Michigan	49,500	53,000	58,500	49,500	53,000	58,500
Missouri	4,200	2,200	2,500	4,200	2,200	2,500
New York	175,000	150,000	157,000	175,000	150,000	157,000
North Carolina	5,800	5,100	4,500	5,500	4,900	4,500
Ohio	12,000	10,300	9,000	12,000	10,300	9,000
Pennsylvania	56,000	61,000	47,000	56,000	61,000	47,000
Washington	145,100	159,000	168,900	145,100	159,000	168,900
Other States <u>c/</u>	4,500	5,600	5,200	4,500	5,200	5,000
Total	5,595,100	4,428,600	6,616,200	5,594,800	4,428,000	5,836,000
	<u>Price per ton a/ (dollars)</u>			<u>Value of utilized production (1,000 dollars)</u>		
Arizona	1,170.00	1,240.00	991.00	14,508	15,376	14,964
Arkansas	170.00	227.00	238.00	1,125	1,363	2,504
California	241.00	302.00 <u>b/</u>	230.00	1,232,511	1,207,145 <u>b/</u>	1,232,694
Michigan	240.00	275.00	259.00	11,880	14,363	15,148
Missouri	257.00	311.00	320.00	1,081	684	800
New York	225.00	248.00	233.00	39,504	36,000	36,623
North Carolina	276.00	318.00	321.00	1,518	1,558	1,444
Ohio	173.00	198.00	203.00	2,076	1,936	1,823
Pennsylvania	167.00	186.00	225.00	9,352	11,346	10,585
Washington	178.00	189.00	185.00	25,828	30,051	31,299
Other States <u>c/</u>	388.00	420.00	385.00	1,746	2,185	1,924
Total	240.00	297.00	231.00	1,338,361	1,233,742	1,349,808

Source: Noncitrus Fruits and Nuts 1982 Annual Summary, Crop Reporting Board, SRS, Washington D.C., July 1983.

a/ Price derived from unrounded data for California all varieties and raisin varieties.

b/ Revised.

c/ Georgia and South Carolina.

TABLE 11. GRAPE ACREAGE, PRODUCTION, PRICE AND VALUE BY TYPE, CALIFORNIA, 1978-82

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>	1978	616,597	4,017,000 <u>c/</u>	3,769,000	6.51	232.00	874,307
	1979	593,865	4,558,000	4,558,000	7.68	236.00	1,073,647
	1980	596,640	5,124,000	5,124,000	8.59	241.00	1,232,511
	1981	593,562	3,993,000	3,993,000	6.73	302.00	1,207,145
	1982	619,976	6,138,000	5,358,000	8.64	230.00	1,232,694
Raisin Type <u>b/</u>	1978	240,446	1,918,000 <u>c/</u>	1,670,000	7.98	229.00	381,641
	1979	239,523	2,320,000	2,320,000	9.68	239.00	554,683
	1980	243,440	2,692,000	2,692,000	11.06	237.00	638,004
	1981	249,804	1,779,000	1,779,000	7.12	306.00	544,143
	1982	260,780	3,134,000 <u>d/</u>	2,624,000	10.06	214.00	562,299
Table Type	1978	62,497	393,000	393,000	6.29	342.00	134,406
	1979	61,839	417,000	417,000	6.74	310.00	129,270
	1980	62,510	428,000	428,000	6.85	410.00	175,480
	1981	63,711	420,000	420,000	6.59	440.00	184,970
	1982	67,783	602,000 <u>e/</u>	582,000	8.59	347.00	201,971
Wine Type	1978	313,654	1,706,000	1,707,000	5.44	210.00	358,260
	1979	292,503	1,821,000	1,821,000	6.23	214.00	389,694
	1980	290,690	2,004,000	2,004,000	6.89	210.00	420,266
	1981	278,935	1,794,000	1,794,000	6.43	266.00	478,032
	1982	291,413	2,402,000 <u>f/</u>	2,152,000	8.17	218.00	468,424

Source: Noncitrus Fruits and Nuts 1982 Annual Summary, Crop Reporting Board, SRS, Washington, D.C. released July 1983; California Fruit and Nut Acreage Bulletin 1982, California Crop and Livestock Reporting Service, Sacramento, California released June 1983.

a/ Price derived from unrounded data for California all varieties and raisin varieties.

b/ Revised.

c/ Raisin and all grape production includes 248,000 fresh tons (55,000 dry tons) laid for raisins, but not harvested due to severe weather damage.

d/ Production includes 450,000 short tons harvested but not sold, 60,000 tons not harvested.

e/ Production includes 20,000 short tons not harvested.

f/ Production includes 50,000 short tons harvested but not sold, also 200,000 short tons not harvested.

TABLE 12.

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

Variety	1973 and Earlier	1974	1975	1976	1977	1978	1979	1980	1981	1982	Bearing	Non-Bearing a/	Total
	Acres												
Raisin	229,490	3,017	3,051	2,281	3,795	7,492	11,654	14,733	10,475	5,771	260,780	30,979	291,759
Table b/	53,865	1,865	1,065	1,244	1,790	2,759	4,506	5,632	7,082	3,486	67,783	15,511	83,294
Wine	215,905	26,857	7,242	3,640	5,015	12,737	20,017	24,395	26,706	20,982	291,413	72,083	363,496
White	76,110	9,499	2,650	1,914	3,551	11,511	18,254	22,655	24,813	18,979	123,489	66,447	189,936
Black	139,795	17,358	4,592	1,726	1,464	1,226	1,763	1,740	1,893	2,003	167,924	5,636	173,560
Grapes excluding Rootstock	499,260	31,739	11,358	7,165	10,600	22,988	36,177	44,760	44,263	30,239	619,976	118,573	738,549
Rootstock	86	18	7	8	57	13	52	130	192	628	-	-	1,191
ALL GRAPES	499,346	31,757	11,365	7,173	10,657	23,001	36,229	44,890	44,455	30,867	-	-	739,740

Source: Grape Acreage, May 1983, California Crop and Livestock Reporting Service, Sacramento, California.
 a/ Nonbearing includes plantings for 1980, 1981, & 1982.
 b/ Flame Seedless variety begins bearing in second year in Riverside County where drip irrigation is used.

TABLE 13.

RAISIN TYPE GRAPES, ACREAGE STANDING, BY VARIETY, BY YEAR PLANTED, CALIFORNIA

Variety	1973 and Earlier	1974	1975	1976	1977	1978	1979	1980	1981	1982	Bearing	Non-Bearing a/	Total
	Acres												
Black Corinth b/	1,528	3	-	27	-	10	25	6	13	131	1,593	150	1,743
Canner c/	63	-	-	-	-	-	-	-	-	-	63	-	63
Fiesta	5	59	58	83	28	130	56	88	59	38	419	185	604
Muscat of Alexandria	9,181	183	30	23	24	201	60	55	52	107	9,702	214	9,916
Sultana	612	-	-	-	-	-	-	-	-	-	612	-	612
Thompson Seedless	218,061	2,770	2,963	2,148	3,736	7,151	11,513	14,555	10,331	5,495	248,342	30,381	278,723
Other Raisin	40	2	-	-	7	-	-	29	20	-	49	49	98
TOTAL RAISIN	229,490	3,017	3,051	2,281	3,795	7,492	11,654	14,733	10,475	5,771	260,780	30,979	291,759

Source: Grape Acreage, May 1983, California Crop and Livestock Reporting Service, Sacramento, California.
 a/ Nonbearing includes plantings during 1980, 1981, & 1982.
 b/ Same as Zante Currant
 c/ Same as Thompson Cannerns or Cannerns Seedless.

TABLE 14.

TABLE TYPE GRAPES, ACREAGE STANDING, BY VARIETY, BY YEAR PLANTED, CALIFORNIA

Variety	1973 and Earlier	1974	1975	1976	1977	1978	1979	1980	1981	1982	Bearing	Non-Bearing a/	Total
	Acres												
Almeria	598	3	-	-	16	10	26	10	10	-	653	20	673
Beauty Seedless	103	-	-	7	-	-	-	6	-	-	110	6	116
Berenda Red	40	18	-	-	-	2	-	-	-	-	60	-	60
Black Monukka	327	63	18	10	35	46	31	-	-	-	530	-	530
Black Prince	60	-	-	-	-	-	-	-	-	-	60	-	60
Calmeria	3,317	60	79	27	89	136	159	309	140	142	3,867	591	4,458
Cardinal	1,713	11	24	25	21	82	2	-	9	-	1,878	9	1,887
Christmas Rose	-	-	-	-	-	-	-	-	46	112	-	158	158
Concord	64	-	-	-	-	-	-	-	-	-	64	-	64
Emperor	16,935	722	251	330	352	362	959	1,171	996	143	19,911	2,310	22,221
Exotic	709	82	76	55	51	99	91	98	45	20	1,163	163	1,326
Flame Seedless b/	30	13	61	194	72	624	828	2,339	3,213	1,626	2,511	6,489	9,000
Flame Tokay	16,986	24	12	19	95	112	264	241	495	441	17,512	1,177	18,689
Golden Muscat	74	-	-	-	-	-	-	-	10	-	74	10	84
Italia	642	19	-	4	-	19	20	-	21	18	704	39	743
Malaga c/	2,377	141	66	-	52	4	107	130	46	4	2,747	180	2,927
Niabella	81	-	-	-	-	-	-	-	-	-	81	-	81
Perlette	3,652	62	48	416	359	238	948	464	542	332	5,723	1,338	7,061
Queen	468	5	19	29	23	106	79	102	140	5	729	247	976
Red Globe	-	4	3	-	-	-	40	74	78	123	47	275	322
Red Malaga	390	11	-	10	-	-	-	-	-	-	411	-	411
Ribier	4,675	209	140	34	51	48	41	49	147	194	5,198	390	5,588
Ruby Seedless	150	121	102	76	456	411	692	271	596	131	2,008	998	3,006
Superior Seedless	182	297	163	-	110	450	214	308	373	2	1,416	683	2,099
Thornburgs Robin	70	-	-	-	-	-	-	-	-	39	70	39	109
Other Table	222	-	3	8	8	10	5	60	175	154	256	389	645
TOTAL TABLE	53,865	1,865	1,065	1,244	1,790	2,759	4,506	5,632	7,082	3,486	67,783	15,511	83,294

Source: Grape Acreage, May 1983, California Crop and Livestock Reporting Service, Sacramento, California.
 a/ Nonbearing includes plantings for 1980, 1981, & 1982.
 b/ Flame Seedless variety begins bearing in second year in Riverside County where drip irrigation is used.
 c/ Same as White Malaga.

TABLE 15.

GRAPES: UTILIZATION OF PRODUCTION, BY TYPE, CALIFORNIA, 1976-82

Crop	Year	Total Utilized Production	For Fresh Market	For Processing					
				Total	Canned	Crushed	Frozen	Dried (Fresh Basis)	Dried Basis
Short tons									
Grapes, All	1976	3,685,000	441,500	3,243,500	48,000	2,213,000	-	982,500	218,400
	1977	3,986,000	461,000	3,525,000	54,000	2,337,000	-	1,134,000	248,900
	1978	3,769,000	412,000	3,357,000	55,000	2,543,000	-	759,000	172,475
	1979	4,558,000	500,000	4,058,000	60,000	2,617,100	-	1,380,900	303,390
	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	5,358,000	680,000	4,677,800	35,000	3,116,300	-	1,526,500	290,750
Raisin Type	1976a/	1,957,000	173,000	1,784,000	48,000	755,000	-	981,000	218,000
	1977	1,935,000	155,000	1,780,000	54,000	594,000	-	1,132,000	248,300
	1978b/	1,670,000	155,000	1,515,000	55,000	702,000	-	758,000	172,200
	1979	2,320,000	184,000	2,136,000	60,000	700,000	-	1,376,000	302,300
	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	-	1,024,000c/	256,000
	1982	2,624,000	303,000	2,321,000	35,000	774,000	-	1,512,000c/	288,000
Table Type	1976	405,000	188,500	216,500	-	215,000	-	1,500	400
	1977	488,000	205,000	283,000	-	281,000	-	2,000	600
	1978	393,000	192,000	201,000	-	200,000	-	1,000	275
	1979	417,000	228,000	189,000	-	184,100	-	4,900	1,090
	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	582,000	311,200	270,800	-	256,300	-	14,500	2,750
Wine Type	1976	1,323,000	80,000	1,243,000	-	1,243,000	-	-	-
	1977	1,563,000	101,000	1,462,000	-	1,462,000	-	-	-
	1978	1,706,000	65,000	1,641,000	-	1,641,000	-	-	-
	1979	1,821,000	88,000	1,733,000	-	1,733,000	-	-	-
	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	-	-	-

Source: California Crop and Livestock Reporting Service.

a/ Breakdown of the total 1976 raisin grapes for raisins is as follows: 141,500 dry tons (636,700 fresh tons) for human consumption at \$1,050.00 per dry ton and 76,500 dry tons (344,300 fresh tons) for distilling at \$70.30 per dry ton. There was an additional 65,000 dry tons (293,000 fresh tons) lost due to rain.

b/ Breakdown of the total 1978 raisin grapes for raisins is as follows: 107,200 dry tons (471,680 fresh tons) for human consumption at \$1,547.00 per dry ton and 65,000 dry tons (286,000 fresh tons) for distilling at \$101.00 per dry ton. There was an additional 56,300 dry tons (248,000 fresh tons) lost due to rain.

c/ Raisin type dried: 1 ton of raisins is equivalent to 4.00 tons of fresh grapes for 1981 and 5.25 tons for 1982.