

**Final
Grape Crush Report
1981 Crop**

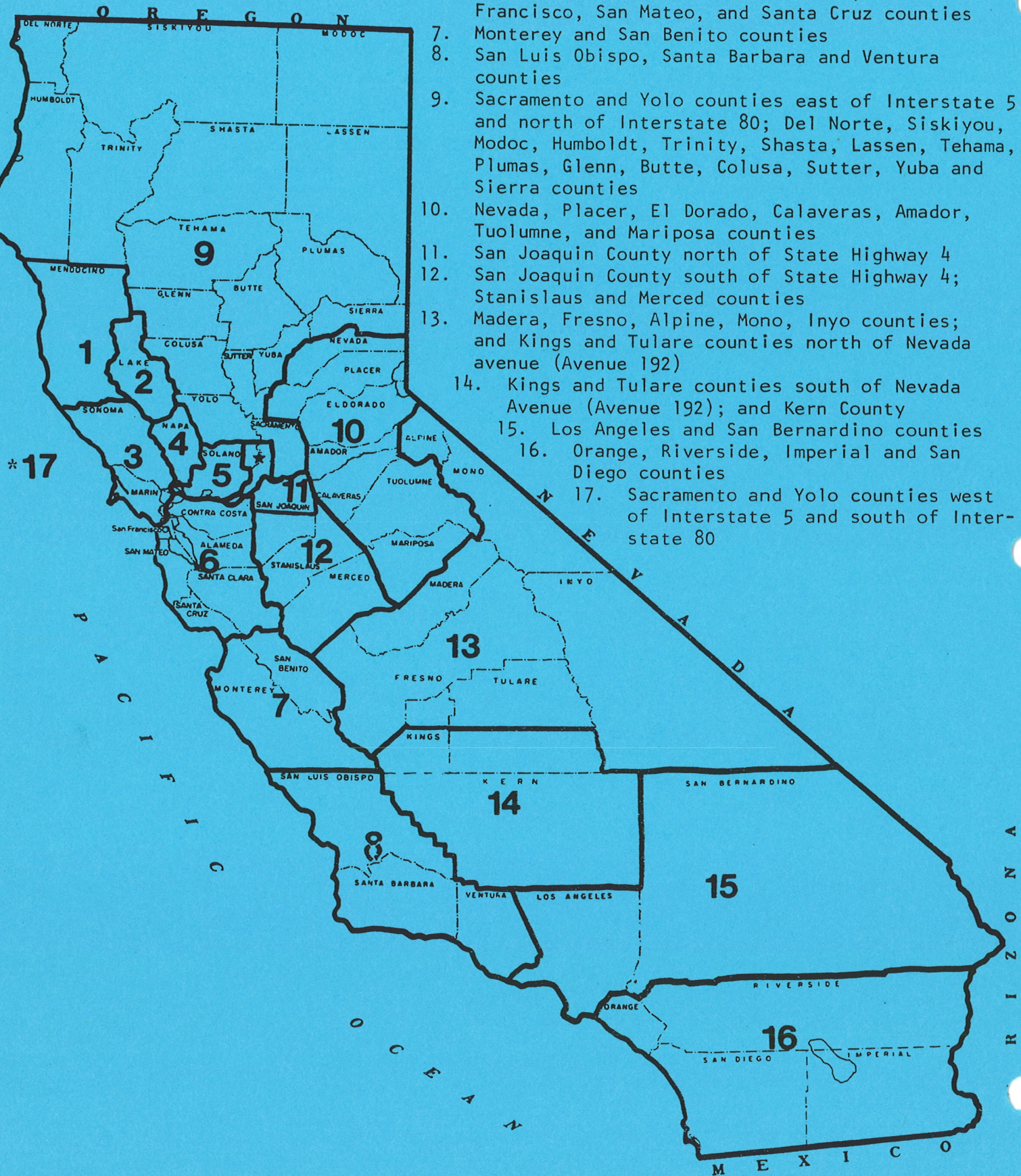
MARCH 10, 1982

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
Sacramento, California

RICHARD E. ROMINGER, Director

DEFINITION
OF
DISTRICTS

1. Mendocino County
2. Lake County
3. Sonoma and Marin counties
4. Napa County
5. Solano County
6. Alameda, Contra Costa, Santa Clara, San Francisco, San Mateo, and Santa Cruz counties
7. Monterey and San Benito counties
8. San Luis Obispo, Santa Barbara and Ventura counties
9. Sacramento and Yolo counties east of Interstate 5 and north of Interstate 80; Del Norte, Siskiyou, Modoc, Humboldt, Trinity, Shasta, Lassen, Tehama, Plumas, Glenn, Butte, Colusa, Sutter, Yuba and Sierra counties
10. Nevada, Placer, El Dorado, Calaveras, Amador, Tuolumne, and Mariposa counties
11. San Joaquin County north of State Highway 4
12. San Joaquin County south of State Highway 4; Stanislaus and Merced counties
13. Madera, Fresno, Alpine, Mono, Inyo counties; and Kings and Tulare counties north of Nevada avenue (Avenue 192)
14. Kings and Tulare counties south of Nevada Avenue (Avenue 192); and Kern County
15. Los Angeles and San Bernardino counties
16. Orange, Riverside, Imperial and San Diego counties
17. Sacramento and Yolo counties west of Interstate 5 and south of Interstate 80



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Compiled and Published

by

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GRAPE CRUSH REPORT

Information contained in this report was supplied by vintners to fulfill the reporting requirements of Section 55601.5 of the Food and Agriculture code.

This report includes all grape tonnage crushed, all tonnage purchased, and prices as of February 25, 1982 by California vintners. Data by varieties are shown for seventeen grape reporting districts as well as for the State totals. In some cases, individual variety price information and tons purchased have been omitted for one or more districts to avoid disclosure of individual operations. However, the prices and tons are included in State and district averages and totals. Changes in tonnage, Brix, and prices from the preliminary report to this final report were due to reference price contracting and corrections to the original data.

All grapes crushed in 1981 totaled 2,414,439 tons, down 16.6 percent from the 1980 record high crush of 2,895,779 tons. The crush of raisin type grapes totaled 508,193 tons, down 34.7 percent from the previous year. Thompson Seedless, the major raisin variety, was down 35.9 percent to 452,646 tons. Table varieties totaled 181,749 tons crushed, down 7.2 percent from last year. An increase of 7.1 percent in the Tokay variety, with 119,446 tons, was easily offset by decreases in other table varieties. Ribier had the most significant change in this type with a decrease of 36.0 percent to 8,385 tons. All wine varieties crushed totaled 1,724,497 tons, down 10.3 percent from 1980. Black varieties, with 988,804 tons, were down 20.2 percent while white varieties totaled 735,694 tons for an increase of 7.8 percent. White wine varieties accounted for 42.7 percent of the wine variety crushed compared with 35.5 percent in 1980.

The weighted average price per ton for all grapes purchased for wine, concentrate, juice, vinegar and beverage brandy was \$249.36 or 31.6 percent higher than the 1980 price of \$189.52. Weighted average price for raisin type grapes was \$198.83 per ton, table type \$194.69 per ton and wine type \$264.41 per ton. White wine varieties averaged \$337.70 per ton, up \$50.59 from 1980 while black wine varieties averaged \$212.91 per ton, up \$49.24 from last year. The weighted average degrees Brix for all grapes crushed was 21.4 and averaged 21.3 for all grapes purchased.

DEFINITIONS

Tonnage Crushed: Totals reported reflect the quantity crushed by variety and Grape Reporting District where the grapes were grown. Minor tonnages (less than 25 tons) are not included by varieties but are included in district and state totals. Packinghouse culls are included in "other raisin grape" and "other table grape" totals.

Tonnage Purchased: Purchased tonnage reflects ^{not} totals by variety and district where grown. Minor tonnages (less than 25 tons) are ^{not} included by variety but are included in district and state totals. Grapes pooled by cooperatives and those grown by wineries and used for their own production are not included in purchases.

Weighted Average Prices: Weighted average prices reflect final prices as reported by wineries and include adjustments for sugar calculations and any bonuses or allowances. Weighted average prices are reported by variety and district and include grapes purchased for wine, concentrate, juice, vinegar and beverage brandy. Prices for grapes purchased for grape distilling material other than beverage brandy are shown separately by variety but not by district.

Prices do not include grower returns for tonnage pooled by cooperatives or returns for grapes grown by wineries and used for their own production.

Prices are equivalent to delivered basis in the area grown including normal within-area hauling allowances. Purchases made on a roadside basis include the usual hauling allowance for local delivery in the area grown. Out-of-area purchases made on a delivered basis do not include extra hauling costs for delivery outside the area.

Base Prices: Base prices in this report are subject to adjustments to reflect quality of grapes when delivered. Adjustments principally reflect sugar content, but may reflect other quality factors such as defects or material other than grapes.

Average Degrees Brix: Degrees Brix for tonnage crushed are weighted averages based on reports from cooperatives and independently owned wineries. Degrees Brix for purchased grapes are weighted averages based on tonnage where price is final and not subject to change.

Brix Adjustment Factors: The Brix adjustment factors determine adjustments to base prices to compensate for sugar variations. In this report, adjustments are expressed in dollars per ton, or percent of base price per degree variance from the established Brix base. Occasional lots are traded on price per degree Brix as delivered.

EXPLANATION OF TABLES

Table 1: Table 1 shows State summaries by types and varieties for all 1981 crop grape tonnages crushed, weighted average degrees Brix for all grapes crushed, total tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, weighted average degrees Brix for all grapes purchased and the weighted average price per ton for all grapes purchased for the above mentioned uses. Totals for 1980 are also shown for comparison.

Table 2: Table 2 includes all grape tonnage crushed including distilling materials by California wineries. This table is broken down by the 17 reporting districts by variety. The 1981 and 1980 State totals by variety are shown for comparison purposes. District totals are shown by grape type and total of all varieties. Tonnages of less than 25 for any variety are not displayed by districts. These minor tonnages are included in the State and district totals.

Table 3: Table 3 comprises the weighted average degrees Brix for all grapes crushed including distilling materials by California wineries from the 1981 crop by type, variety, and reporting district. The 1981 and 1980 State averages are shown for comparison purposes.

Table 4: Table 4 shows the total tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by all California wineries from the 1981 crop. Table 4 does not include tonnage purchased for distilling material. This table gives totals by type, variety, and reporting districts where grown. The 1981 and 1980 State totals are given for comparison purposes. Some district tonnages are not shown to avoid disclosure of individual operations.

Table 5: Table 5 shows the weighted average degrees Brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by all California wineries from the 1981 crop. Distilling material grapes are not included. This table gives totals by type, variety, and reporting districts where grown. The 1981 and 1980 State totals are given for comparison purposes.

Table 6: Table 6 gives the weighted average price per ton of all individual winery reports received. This weighted average price is for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1981 crop. This does not include the price per ton for grapes purchased for distilling materials. Prices include all sugar bonuses or allowances as well as within area hauling. This table gives totals by type, variety, and reporting districts where grown. The 1981 and 1980 State totals are given for comparison purposes.

The following example indicates the method used for calculating weighted averages.

Variety	Total Grapes Crushed		Net fresh weight Tons	Weighted average degrees Brix	Total Brix	Base price per ton	Brix adjustments per ton plus and minus	Brix Limits			Actual final price paid by winery to grower at each base price and Brix adjustment factor including bonuses or allowances Dollars/Ton	Total	Weighted average price per ton
	Over the scale tons	Weighted average degrees Brix						Base	Max.	Min.			
	Col. (3)	(4)	(5)	(6)	(7)	(8)	(10)	(11)	(12)		(13)		
Zinfandel	100.0	20.1	100.0 x 20.1	2,010.00	450.00	+ or - 10%	22	24	20	\$364.50	\$36,450.00		
Zinfandel	20.5	21.3	20.5 x 21.3	436.65	450.00	+ or - 10%	22	24	20	\$418.50	8,579.25		
Zinfandel	<u>10.6</u>	<u>23.5</u>	<u>10.6 x 23.5</u>	<u>249.10</u>	450.00	+ or - 10%	22	24	20	\$517.50	<u>5,485.50</u>		
	131.1	20.6	131.1	20.6	2,695.75						\$50,514.75	\$385.31	

Column 6 (weighted average degrees Brix) was obtained by dividing the total Net Fresh Tons, (Column 5) into the total Brix of these same tons $\frac{2,695.75}{131.1} = 20.6$

Column 13 (weighted average price per ton) was obtained by dividing the total Net Fresh Tons, (Column 5) into the total dollars paid for these same tons $\frac{\$50,514.75}{131.1} = \385.31

Table 7: Table 7 shows the tons of grapes purchased by California wineries for distilling material from the 1981 crop. Average degrees Brix and average price per ton are shown by type and variety. The 1981 and 1980 State totals are given for comparison purposes.

Table 8: Table 8 shows base prices paid to growers by variety, by Brix factor and percent. The weighted average of all base prices by variety is not shown in this publication as in previous seasons. This information is available by phone by contacting the Federal Market News Service, Sacramento, California.

GRAPES FOR CRUSHING: Table 1 - State totals by type and variety, weighted average degrees Brix, and weighted average dollars per ton, 1980-81

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
RAISIN GRAPES										
Black Corinth (Zantes)	26.4	434.5	22.3	21.9	---	401.8	---	22.0	---	150.00
Muscats	48,352.4	57,866.4	21.9	21.5	44,556.8	41,653.3	21.7	21.1	207.94	156.54
Suitanas	1,031.3	1,791.5	21.1	20.1	816.0	1,472.7	21.0	20.1	200.26	144.25
Thompson Seedless	452,645.8	706,126.1	21.2	19.1	358,081.5	517,714.4	21.2	19.3	200.04	143.99
Other Raisin	6,136.9	11,532.1	17.2	16.9	8,861.5	9,276.1	18.8	16.8	103.92	61.59
TOTAL RAISIN	508,192.8	777,750.6	21.2	19.3	412,315.8	570,518.3	21.2	19.4	198.85	143.57
TABLE GRAPES:										
Almeria	271.0	1,200.2	17.9	18.9	180.5	671.8	17.6	18.0	181.32	78.31
Black Monukka	---	81.8	---	19.6	---	81.8	---	19.6	---	104.18
Black Morocco	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Black Prince	195.0	117.7	20.4	23.6	105.1	25.4	21.2	21.7	113.05	99.02
Blackrose	722.9	375.7	20.9	21.9	675.8	---	20.7	---	145.43	---
Calmeria	3,733.8	7,551.8	19.8	20.4	2,775.9	4,524.6	20.0	20.5	172.97	91.99
Cardinal	1,905.1	2,543.9	20.5	19.7	924.0	1,401.5	20.6	19.9	112.66	95.35
Concord	2/	147.8	2/	18.0	2/	147.8	2/	18.0	2/	225.00
Cornichon	---	72.5	---	20.9	---	71.5	---	20.9	---	100.00
Emperor	15,257.2	16,534.0	17.7	18.9	11,093.5	11,317.5	17.5	18.8	145.87	71.94
Exotic	961.4	1,596.6	19.7	21.2	234.3	47.6	19.2	16.5	115.84	57.75
Flame Seedless	1,019.0	542.7	21.8	23.0	541.5	---	21.9	---	120.01	---
Gold	1/	1/	1/	1/	---	---	---	---	---	---
Golden Muscat	606.0	1,809.3	20.5	22.5	---	842.8	---	23.8	---	144.02
Italia	1,096.2	1,612.8	20.6	20.7	676.6	1,119.0	20.5	20.5	199.02	133.85
Olivette Blanche	1/	87.0	1/	18.4	---	---	---	---	---	---
Perlette	1/	713.3	1/	18.8	---	713.3	---	18.8	---	150.00
Queen	558.6	708.0	22.2	20.9	272.7	396.2	21.5	20.7	126.29	83.26
Red Malaga	597.8	1,154.0	19.9	19.3	343.0	718.1	20.1	18.7	98.97	97.37
Ribier	8,384.5	13,101.9	20.2	19.6	4,876.8	7,345.9	20.0	19.3	115.88	81.85
Rish Baba	35.3	109.2	20.4	18.4	1/	1/	1/	1/	1/	1/
Ruby Seedless	289.1	111.5	22.9	24.1	78.9	108.9	21.5	24.4	98.00	73.30
Scarlet	29.2	---	20.0	---	29.2	---	20.0	---	140.00	---
Superior Seedless	261.5	2,481.3	18.3	18.3	261.5	2,478.7	18.3	18.3	150.00	105.00
Tokay	119,445.9	111,552.9	18.6	18.7	83,273.4	71,265.6	18.5	18.5	209.90	173.02
White Malaga	24,889.1	27,361.5	20.0	19.9	23,298.5	25,170.0	20.0	20.0	196.61	145.59
Other Table	1,298.3	4,320.1	18.6	18.2	1,139.2	3,549.5	18.4	18.1	129.18	57.89
TOTAL TABLE	181,748.7	195,916.6	18.9	19.1	130,848.6	132,029.3	18.8	19.0	194.69	144.09
WINE GRAPES (White):										
Burger	14,724.1	17,787.6	17.7	16.6	11,366.0	12,920.4	16.9	16.3	205.03	184.48
Chardonnay	36,815.0	31,808.1	23.0	22.7	27,163.6	22,650.6	23.1	22.8	1,096.06	905.30
Chenin Blanc	202,339.7	165,418.6	20.0	19.3	180,362.0	137,462.6	19.9	19.1	313.33	281.16
Emerald Riesling	21,927.9	26,111.6	21.6	19.5	20,371.6	23,608.2	21.6	19.2	242.01	207.80
Fehér Szagos	2,021.5	2,102.7	18.4	18.1	1,617.2	1,522.4	18.1	17.9	200.14	149.02
Flora	2,178.4	2,905.8	24.0	21.0	1,653.1	2,312.8	24.4	20.9	247.03	221.28
Folle Blanche	724.5	616.8	19.3	19.1	1/	1/	1/	1/	1/	1/
French Colombard	304,302.7	203,789.7	20.8	19.6	284,191.7	259,547.3	20.7	19.5	261.41	233.46
Furmint	1/	---	1/	---	1/	---	1/	---	1/	---
Gewürztraminer	8,902.7	5,534.1	22.1	22.2	6,657.3	3,830.0	22.1	22.2	716.16	740.21
Gray Riesling	9,764.3	8,311.5	21.3	20.3	7,520.4	6,651.0	21.3	20.2	434.87	403.24
Green Hungarian	2,860.5	3,378.7	19.1	18.1	2,520.4	3,054.5	19.3	18.2	355.97	302.53
Holena	96.7	94.4	20.0	18.8	---	---	---	---	---	---
Inzolia	123.1	219.2	20.8	19.5	123.1	217.1	20.8	19.5	200.00	150.00
Kleinberger	27.0	1/	20.5	1/	27.0	1/	20.5	1/	425.00	1/
Malvasia Bianca	4,995.7	7,820.0	22.5	19.6	4,935.5	7,737.6	22.4	19.5	302.53	209.35
Nelon	36.3	---	20.4	---	---	---	---	---	---	---
Muscadelle du Bordelais	97.5	1/	20.5	1/	97.5	1/	20.5	---	210.00	1/
Muscat Blanc	8,333.7	9,619.4	22.4	21.5	7,855.6	6,985.7	22.3	20.9	217.66	269.62
Orange Muscat	80.1	77.6	20.5	19.5	80.1	77.6	20.5	19.5	286.99	253.29
Palomino	24,231.9	32,923.4	19.7	18.4	22,475.6	29,533.6	19.7	18.3	197.98	156.45
Pedro Ximenes	1,314.3	1,927.3	19.8	18.5	1,297.0	1,891.8	19.9	18.5	183.81	143.85
Peverella	2,561.7	2,971.9	24.3	21.7	2,484.3	2,903.1	24.4	21.6	200.00	151.37
Pinot Blanc	4,527.5	3,390.9	21.2	21.0	2,397.4	1,770.1	21.2	20.8	562.20	517.96
Red Veltliner	208.4	---	21.0	---	---	---	---	---	---	---
Rkatsiteli	29.9	43.7	20.8	21.5	---	---	---	---	---	---
Sauvignon Blanc	21,807.9	18,204.4	22.5	22.0	17,916.9	15,273.3	22.5	21.8	640.10	492.13
Sauvignon Vert	1,977.8	2,642.8	20.6	20.7	1,731.4	2,242.7	20.5	20.6	300.15	276.72
Sémillon	15,593.3	15,798.4	20.3	18.9	13,685.0	13,841.0	20.1	18.5	296.51	237.75
St. Emilion (Ugni Blanc)	8,401.5	9,344.4	20.4	19.7	7,704.8	8,918.0	20.5	19.8	207.93	170.53
Sylvaner	5,590.0	3,741.0	21.2	21.1	3,711.6	2,220.0	21.3	21.0	405.60	380.27
Traminer	58.2	79.5	21.8	20.7	58.2	79.5	21.8	20.7	300.67	395.83
White Riesling	28,287.3	24,385.9	21.6	21.1	22,843.0	19,067.6	21.5	21.1	578.79	551.85
Other White	750.3	1,470.9	21.3	19.7	429.7	569.0	21.3	20.4	245.85	224.27
TOTAL WHITE	735,693.6	682,559.1	20.7	19.7	653,283.6	586,939.3	20.6	19.6	337.70	287.11

1/ State totals for this variety are less than 25 tons.

GRAPES FOR CRUSHING: Table 1 - State totals by type and variety, weighted average degrees Brix, and weighted average dollars per ton, 1980-81 (cont'd)

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
WINE GRAPES (Black):										
Aleatico	738.7	642.8	23.4	21.1	728.3	640.6	23.4	21.1	164.04	139.34
Alicante Bouschet	2,171.9	12,708.3	22.0	20.4	1,740.2	7,551.9	21.7	20.4	136.36	76.90
Almission	---	44.5	---	22.6	---	44.5	---	22.6	---	100.00
Aramon	1/	407.3	1/	21.9	1/	405.4	1/	21.9	1/	96.15
Barbera	154,390.4	165,749.4	22.3	22.1	137,299.3	150,812.0	22.2	22.0	163.17	127.45
Beclan	307.3	436.9	23.2	23.7	307.3	436.9	23.2	23.7	90.00	107.57
Black Malvoisie	3,218.4	2,501.3	19.2	22.1	3,067.9	2,188.1	19.1	22.0	124.05	114.89
Blaue Elbe	40.0	205.5	24.0	20.4	40.0	205.5	24.0	20.4	124.00	101.93
Cabernet Franc	277.6	301.0	23.5	24.2	166.3	223.5	23.5	24.6	1,120.15	554.63
Cabernet Sauvignon	67,952.6	63,657.6	23.2	23.3	48,001.9	43,784.0	23.2	23.3	499.51	405.57
Calzin	---	1/	---	1/	---	1/	---	1/	---	1/
Carignane	150,192.5	185,411.8	22.2	22.7	112,632.5	133,781.3	22.1	22.7	170.67	134.75
Carmine	149.2	143.8	22.7	23.2	148.9	143.8	22.7	23.2	132.99	75.00
Carnelian	12,423.4	23,236.8	20.8	22.5	9,289.0	16,248.5	20.5	22.5	150.45	97.80
Centurian	4,643.6	7,374.7	20.2	22.8	4,636.5	5,881.9	20.2	22.1	156.81	105.42
Charbono	516.4	469.9	20.4	21.0	259.0	299.2	21.3	21.5	463.59	425.85
Early Burgundy	1,585.4	1,949.2	23.0	22.2	1,360.1	1,681.8	23.0	22.2	303.42	278.88
Gamay (Napa)	20,096.0	26,698.0	21.1	21.0	14,160.4	19,829.4	21.0	20.9	310.33	275.01
Gamay Beaujolais	10,398.5	9,248.0	22.4	22.8	6,657.8	6,264.4	22.7	21.9	340.53	303.84
Grand Noir	40.7	125.9	21.8	24.2	35.6	107.5	21.7	24.3	286.50	218.89
Grenache	138,156.6	168,697.1	20.8	20.6	125,259.7	149,746.2	20.8	20.5	163.00	131.63
Grignolino	119.6	231.5	21.4	20.8	52.9	10.2	19.6	21.3	255.24	227.14
Grillo	---	1/	---	1/	---	1/	---	1/	---	1/
Malbec	317.0	554.5	23.1	22.3	308.3	541.0	23.1	22.2	182.56	206.57
Mataro	1,351.2	1,287.8	23.6	22.1	1,027.8	959.6	23.8	22.2	135.26	124.60
Merlot	7,891.0	8,601.6	23.1	23.6	6,159.0	6,320.6	23.1	23.7	490.00	431.98
Mission	21,856.5	29,907.8	23.6	23.2	19,019.0	25,640.9	23.5	23.2	140.14	117.66
Muscat Hamburg	43.2	32.5	22.6	23.7	39.3	26.7	22.8	23.9	497.33	234.64
Nebbiolo	1,842.6	2,103.6	24.3	24.3	1,824.6	2,058.6	24.3	24.3	160.20	115.93
Pfeffer	39.8	---	22.7	---	---	---	---	---	---	---
Perelli 101	322.7	2,279.1	20.9	21.5	322.7	1,671.4	20.9	21.8	118.40	65.40
Petite Bouschet	---	1/	---	1/	---	1/	---	1/	---	1/
Petite Sirah	37,144.9	58,799.4	23.1	22.6	29,492.2	42,944.6	23.2	23.0	250.72	186.63
Petite Verdot	1/	---	1/	---	1/	---	1/	---	1/	---
Pinot Noir	30,187.0	24,568.9	22.0	22.0	23,117.0	18,338.0	22.0	21.9	457.94	421.51
Pinot St. George	3,267.8	1,953.8	21.2	23.0	1,119.5	715.6	22.3	22.2	310.08	326.45
Refosco/Mondeuse	437.8	395.0	20.5	22.0	246.0	280.9	21.5	22.1	332.30	339.70
Royalty	11,793.0	17,420.8	22.3	21.6	9,869.5	11,150.9	22.4	21.8	125.62	114.41
Rubired	75,639.0	108,299.5	22.9	22.2	58,758.8	69,359.0	22.9	22.3	124.38	111.16
Ruby Cabernet	99,979.9	144,150.6	23.7	22.6	92,349.6	119,764.3	23.7	22.6	150.01	115.09
Salvador	13,615.5	18,314.0	21.6	20.8	12,939.7	15,065.8	21.6	20.5	124.65	104.24
Sangiovese	49.7	108.3	24.1	22.1	---	24.5	---	22.1	---	415.00
Souzao	318.3	1,085.7	24.8	23.4	271.8	520.7	25.3	25.2	168.93	124.37
St. Macaire	691.6	1,141.6	23.4	22.7	690.4	1,133.1	23.4	22.7	169.11	132.88
Syrah/French Syrah-Shiraz	141.1	120.5	23.6	23.8	1/	39.2	1/	23.6	1/	477.88
Tannat	1/	1/	1/	1/	---	---	---	---	---	---
Tinta Madeira	2,146.1	2,400.1	22.4	23.2	1,368.2	1,851.9	22.4	23.4	173.58	131.02
Tinto Cao	1/	1/	1/	1/	---	---	---	---	---	---
Touriga	43.6	2,106.4	23.5	22.8	43.6	503.0	23.5	24.5	125.00	100.00
Valdepeñas	7,340.5	20,556.2	23.3	23.0	7,790.9	20,031.3	23.4	23.0	149.64	111.34
Zinfandel	101,361.6	115,971.0	22.8	22.6	81,445.3	86,724.0	22.9	22.6	329.08	261.49
Other Black	3,527.9	7,428.5	23.0	20.7	1,448.9	3,480.6	22.9	21.3	181.16	113.47
TOTAL BLACK	988,803.7	1,239,487.4	22.4	22.2	815,559.8	969,497.7	22.3	22.1	212.91	163.67
TOTAL WINE	1,724,497.3	1,922,046.5	21.7	21.3	1,468,843.4	1,556,437.0	21.6	21.2	268.41	210.22
TOTAL ALL VARIETIES	2,414,438.8	2,895,779.3	21.4	20.6	2,012,007.8	2,258,984.6	21.3	20.6	249.36	189.52

1/ State totals for this variety are less than 25 tons.

TABLE 2: Tons of grapes crushed by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Tons									
RAISIN GRAPES:										
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---
Muscats	---	---	---	60.6	---	---	---	---	---	---
Sultanas	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	---	---
Other Raisin	---	---	---	---	---	---	---	---	137.6	---
TOTAL RAISIN	---	---	---	60.6	---	---	---	---	137.6	---
TABLE GRAPES:										
Almeria	---	---	---	---	---	---	---	---	---	---
Black Monukka	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---
Concord	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---
Emperor	---	---	---	---	---	---	---	---	---	---
Exotic	---	---	---	---	---	---	---	---	---	---
Flame Seedless	---	---	---	---	---	---	---	---	---	---
Gold	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---
Olivette Blanche	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---
Queen	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---
Rish Baba	---	---	---	---	---	---	---	---	---	---
Ruby Seedless	---	---	---	---	---	---	---	---	---	---
Scarlet	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---
Other Tabl.	---	---	---	---	---	---	---	---	---	---
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---
WINE GRAPES (White):										
Burger	25.4	---	516.4	599.6	---	---	119.8	---	---	---
Chardonnay	2,245.1	55.3	10,694.2	9,905.2	84.8	304.8	7,911.1	3,417.8	227.6	45.5
Chenin Blanc	2,058.5	372.8	2,939.2	8,928.8	417.9	868.3	13,614.7	4,385.6	1,490.2	76.1
Emerald Riesling	---	---	---	---	---	---	---	---	---	---
Feher Szagos	---	---	---	---	---	---	---	88.3	268.9	---
Flora	220.1	---	99.5	241.6	34.3	---	228.6	---	---	---
Folle Blanche	---	---	30.2	147.7	---	37.5	509.1	---	---	---
French Colombard	5,372.9	---	6,580.2	2,104.2	325.1	385.9	3,537.3	228.5	557.5	---
Furmint	---	---	---	---	---	---	---	---	---	---
Gewürztraminer	499.5	---	2,812.0	1,503.3	---	---	3,065.0	882.3	---	---
Gray Riesling	1,087.6	---	394.9	1,236.2	91.1	1,390.5	2,632.7	326.7	140.9	---
Green Hungarian	816.7	---	229.6	327.6	---	85.9	---	---	---	---
Helena	---	---	---	---	---	---	---	---	---	---
Inzolia	---	---	---	---	---	---	---	---	---	---
Kleinberger	---	---	27.0	---	---	---	---	---	---	---
Malvasia Bianca	---	---	---	---	---	104.7	1,379.3	---	---	---
Melon	---	---	---	36.3	---	---	---	---	---	---
Muscadelle Du Bordelais	---	---	---	---	---	---	---	---	---	---
Muscat Blanc	---	---	165.3	304.3	---	37.1	706.7	221.3	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---
Palomino	332.3	---	525.3	164.1	44.8	---	88.9	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---
Peperella	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	---	---	121.5	363.6	---	155.1	3,384.6	---	148.3	---
Red Veltliner	---	---	---	---	---	---	208.4	---	---	---
Rkatsiteli	---	---	---	---	---	26.8	---	---	---	---
Sauvignon Blanc	708.9	623.4	2,412.5	4,359.7	---	195.8	3,221.2	2,674.8	407.6	78.5
Sauvignon Vert	40.2	---	847.7	502.7	---	44.4	132.9	---	---	---
Sémillon	59.5	---	516.8	423.9	---	586.5	2,925.7	231.6	168.8	---
St. Emilion (Ugni Blanc)	---	---	---	62.6	---	353.0	---	---	---	---
Sylvaner	141.4	---	185.3	456.4	---	280.9	3,110.5	579.7	---	---
Traminer	---	---	---	58.2	---	---	---	---	---	---
White Riesling	1,169.6	393.5	4,052.0	3,911.2	---	165.1	10,236.1	4,702.4	1,260.8	---
Other White	---	---	122.9	110.2	---	46.2	---	---	---	---
TOTAL WHITE	14,869.3	1,532.9	33,272.8	35,773.2	1,115.6	5,216.0	59,042.9	17,761.5	4,671.1	248.7

TABLE 2: Tons of grapes crushed by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (continued)

Type and Variety	11	12	13	14	15	16	17	1981 State Total	1980 State Total
Tons									
RAISIN GRAPES:									
Black Corinth (Zantes)	---	---	26.4	---	---	---	---	26.4	434.5
Muscats	33.3	89.3	31,765.7	16,375.5	---	---	---	48,352.4 1/	57,866.4
Sultanas	---	---	1,031.3	---	---	---	---	1,031.3	1,791.5
Thompson Seedless	35.1	21,885.6	352,741.9	97,847.6	---	---	---	452,645.8 1/	706,126.1
Other Raisin	---	---	6,136.9	---	---	---	---	6,136.9	11,532.1
TOTAL RAISIN	66.4	21,974.9	371,702.2	114,223.1	---	---	---	508,192.8 1/	777,750.6
TABLE GRAPES:									
Almeria	---	---	36.4	234.6	---	---	---	271.0	1,200.2
Black Monukka	---	---	---	---	---	---	---	---	81.8
Black Morocco	---	---	---	---	---	---	---	1/	1/
Black Prince	100.2	---	---	---	83.7	---	---	195.0	117.7
Blackrose	64.8	---	386.4	271.7	---	---	---	722.9	375.7
Calmeria	---	---	989.7	2,744.1	---	---	---	3,733.8	7,551.8
Cardinal	44.4	---	305.9	1,554.8	---	---	---	1,905.1	2,543.9
Concord	---	---	---	---	---	---	---	2/	147.8
Cornichon	---	---	---	---	---	---	---	---	72.5
Emperor	---	---	3,613.3	11,639.1	---	---	---	15,257.1 1/	16,534.0
Exotic	---	---	---	961.4	---	---	---	961.4	1,596.6
Flame Seedless	---	---	484.4	534.6	---	---	---	1,019.0	542.7
Gold	---	---	---	---	---	---	---	1/	1/
Golden Muscat	---	481.1	---	120.9	---	---	---	606.0 1/	1,809.3
Italia	---	---	379.3	716.9	---	---	---	1,096.2	1,612.8
Olivette Blanche	---	---	---	---	---	---	---	1/	87.0
Perlette	---	---	---	---	---	---	---	1/	713.3
Queen	---	---	132.8	425.8	---	---	---	558.6	708.0
Red Malaga	---	101.6	165.7	324.9	---	---	---	597.8 1/	1,154.0
Ribier	---	---	1,739.7	6,613.6	---	---	---	8,384.5 1/	13,101.9
Rish Baba	---	---	---	---	---	---	---	35.3 1/	109.2
Ruby Seedless	---	---	208.2	80.9	---	---	---	289.1	111.5
Scarlet	29.2	---	---	---	---	---	---	29.2	---
Superior Seedless	---	---	---	261.5	---	---	---	261.5	2,481.3
Tokay	118,241.0	454.8	30.9	713.7	---	---	---	119,045.9 1/	111,552.9
White Malaga	---	96.2	17,338.1	7,418.9	35.9	---	---	28,889.1	27,427.1
Other Table	57.4	---	1,151.8	89.1	---	---	---	1,298.3	4,320.1
TOTAL TABLE	118,571.2	1,156.2	27,030.2	34,740.3	129.1	---	---	181,748.7 1/	195,982.2
WINE GRAPES (White):									
Burger	7,357.6	---	268.6	3,794.1	2,042.6	---	---	14,724.1	17,787.6
Chardonnay	337.2	340.2	576.3	275.3	---	369.5	25.1	36,815.0	31,808.1
Chenin Blanc	10,815.5	48,206.3	51,994.0	48,552.8	128.0	1,448.5	6,042.5	202,339.7	165,418.6
Emerald Riesling	155.9	277.5	3,665.0	15,155.2	---	154.4	---	21,927.9 1/	26,111.6
Feher Szagos	---	---	1,841.4	180.1	---	---	---	2,021.5	2,102.7
Flora	---	89.7	---	1,262.7	---	---	---	2,178.4 1/	2,905.8
Folle Blanche	---	---	---	---	---	---	---	724.5	616.8
French Colombard	13,071.6	65,158.7	135,943.4	69,589.6	53.2	76.5	1,318.1	304,302.7	283,759.7
Furmint	---	---	---	---	---	---	---	1/	---
Gewürztraminer	---	---	---	80.6	---	---	---	8,902.7 1/2/	5,534.1
Gray Riesling	905.5	---	---	1,017.7	---	---	539.9	9,764.3 1/	8,311.5
Green Hungarian	46.4	210.3	---	1,123.3	---	---	---	2,860.5 1/	3,378.7
Helena	---	96.7	---	---	---	---	---	96.7	94.4
Inzolia	---	---	---	123.1	---	---	---	123.1	219.2
Kleinberger	---	---	---	---	---	---	---	27.0	1/
Malvasia Bianca	25.8	1,047.1	1,376.3	912.0	128.2	---	---	4,995.7 1/	7,820.0
Melon	---	---	---	---	---	---	---	36.3	---
Muscadelle du Bordelais	---	---	97.5	---	---	---	---	97.5	1/
Muscat Blanc	---	---	5,418.5	1,042.7	256.8	89.9	---	8,333.7 1/2/	9,619.4
Orange Muscat	---	---	80.1	---	---	---	---	80.1	77.6
Palomino	193.6	3,073.0	15,216.2	1,745.0	2,803.1	---	---	24,231.9 1/	32,923.4
Pedro Ximenes	---	---	---	1,151.3	163.0	---	---	1,314.3	1,927.3
Peverella	---	---	---	2,545.0	---	---	---	2,561.7 1/	2,971.9
Pinot Blanc	---	175.3	---	---	---	84.3	---	4,527.5 1/	3,390.9
Red Veltliner	---	---	---	---	---	---	---	208.4	---
Rkatsiteli	---	---	---	---	---	---	---	29.9 1/	43.7
Sauvignon Blanc	1,219.6	4,324.2	313.1	---	44.1	920.8	237.1	21,807.9 1/	18,204.4
Sauvignon Vert	---	---	---	389.5	---	---	---	1,977.8 1/	2,642.8
Sémillon	120.0	2,131.8	3,784.4	4,634.7	---	---	---	15,593.3 1/	15,798.4
St. Émilion (Ugni Blanc)	---	3,363.3	3,173.6	1,200.0	157.1	91.6	---	8,401.5 1/	9,344.4
Sylvaner	---	252.4	---	583.4	---	---	---	5,590.0	3,741.0
Traminer	---	---	---	---	---	---	---	58.2	79.5
White Riesling	---	423.0	---	267.6	---	1,640.9	---	28,287.3 1/	24,385.9
Other White	73.8	145.2	114.5	---	---	84.7	---	750.3 1/	1,470.9
TOTAL WHITE	34,389.9	129,329.4	223,862.9	155,644.9	5,830.4	4,969.4	8,162.7	735,693.6 1/	682,559.1

1/ Some districts or State totals for this variety are less than 25 tons.
 2/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations, but they are included in the district and State sum totals.

TABLE 2: Tons of grapes crushed by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (continued)

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Tons									
WINE GRAPES (Black):										
Aleatico	---	---	---	---	---	---	---	---	---	---
Alicante Bouschet	---	---	173.3	---	---	47.7	---	---	---	---
Almission	---	---	---	---	---	---	---	---	---	---
Aramon	---	---	---	---	---	---	---	---	---	---
Barbera	92.7	---	229.4	---	---	---	---	335.7	429.5	98.1
Beclan	---	---	---	---	---	---	---	---	---	---
Black Malvoisie	---	---	---	---	---	---	---	---	---	---
Blaue Elbe	---	---	---	---	---	---	---	---	---	---
Cabernet Franc	---	---	---	217.0	36.4	---	---	1.7	---	---
Cabernet Sauvignon	2,947.5	2,881.7	14,186.6	15,603.7	222.5	535.2	10,005.0	8,002.6	2,171.2	268.7
Carignane	8,722.3	---	3,247.6	736.2	270.1	210.1	---	---	518.4	44.8
Carmine	---	---	---	---	---	---	---	---	---	---
Carnelian	---	---	---	---	---	---	130.7	---	---	---
Centurian	---	---	---	---	---	---	105.3	---	138.8	---
Charbono	103.6	---	---	240.9	---	---	---	---	---	---
Early Burgundy	145.5	---	353.1	182.5	166.4	---	684.7	---	---	---
Gamay (Napa)	551.2	950.3	1,823.9	4,324.9	997.6	31.2	6,017.5	623.4	620.1	---
Gamay Beaujolais	2,130.2	30.8	1,221.6	1,211.0	---	271.6	4,505.0	389.8	---	---
Grand Noir	---	---	---	35.6	---	---	---	---	---	---
Grenache	443.1	---	129.9	152.6	---	157.9	1,863.9	---	811.7	---
Grignolino	---	---	---	52.8	---	66.8	---	---	---	---
Malbec	---	---	---	---	---	---	---	---	---	---
Mataro	---	---	---	---	---	79.1	---	---	---	---
Merlot	88.9	149.3	1,495.6	2,531.7	---	---	1,986.9	598.4	524.6	---
Mission	---	---	---	---	---	---	---	---	---	49.8
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---
Nebbiolo	---	---	---	---	---	---	---	---	---	---
Pfeffer	---	---	---	---	---	---	39.8	---	---	---
Perelli 101	---	---	---	---	---	---	---	---	---	---
Petite Sirah	1,799.6	153.1	1,557.5	2,636.1	600.5	237.6	9,349.4	595.4	2,058.2	---
Petite Verdot	---	---	---	---	---	---	---	---	---	---
Pinot Noir	1,678.2	---	10,806.4	8,343.6	157.6	369.0	6,505.3	2,079.7	---	---
Pinot St. George	105.1	---	200.7	305.9	---	35.8	2,488.1	---	---	---
Refosco/Mondeuse	72.9	---	77.0	287.9	---	---	---	---	---	---
Royalty	---	---	---	---	---	---	---	---	---	---
Rubired	---	---	---	---	---	---	---	---	---	---
Ruby Cabernet	---	101.8	56.1	28.9	---	81.2	1,267.5	---	1,020.6	---
Salvador	---	---	---	---	---	37.4	---	---	---	---
Sangiovetto	---	---	43.2	---	---	---	---	---	---	---
Souzao	---	---	---	---	---	---	37.6	---	---	---
St. Macaire	---	---	---	---	---	25.2	---	---	---	---
Syrah/French Syrah Shiraz	---	---	---	51.8	---	---	---	89.3	---	---
Tannat	---	---	---	---	---	---	---	---	---	---
Tinta Madeira	---	---	---	---	---	---	585.1	---	---	---
Tinta Cao	---	---	---	---	---	---	---	---	---	---
Touriga	---	---	---	---	---	---	---	---	---	---
Valdepeñas	---	---	---	---	---	---	---	---	---	---
Zinfandel	5,022.2	1,270.9	11,393.7	7,202.2	89.6	747.3	12,413.9	4,636.0	2,291.7	2,468.3
Other Black	40.6	---	407.0	99.1	---	25.7	---	---	---	---
TOTAL BLACK	23,987.5	5,562.9	47,455.2	44,321.9	2,549.3	3,046.6	58,007.7	17,378.5	10,595.2	2,994.6
TOTAL WINE	38,856.8	7,095.8	80,728.0	80,095.1	3,664.9	8,262.6	117,050.6	35,140.0	15,266.3	3,243.3
TOTAL ALL VARIETIES	38,856.8	7,095.8	80,728.0	80,155.7	3,676.8	8,262.6	117,050.6	35,140.0	15,523.6	3,258.7

TABLE 2: Tons of grapes crushed by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (continued)

Type and Variety	11	12	13	14	15	16	17	1981 State Total	1980 State Total
-----Tons-----									
WINE GRAPES (Black):									
Aleatico	---	---	368.4	---	369.3	---	---	738.7 1/	642.8
Alicante Bouschet	---	82.4	1,554.5	137.0	123.1	---	---	2,171.9 1/	12,708.3
Amission	---	---	---	---	---	---	---	---	44.5
Aramon	---	---	---	---	---	---	---	1/	407.3
Barbera	3,724.6	31,731.3	79,550.1	37,756.6	---	---	404.6	154,390.4 1/	165,749.4
Beclan	---	---	---	307.3	---	---	---	307.3	436.9
Black Malvoisie	329.3	253.5	357.5	2,250.1	---	---	---	3,218.4 1/	2,501.3
Blaue Elbe	---	---	---	---	40.0	---	---	40.0	205.5
Cabernet Franc	---	---	---	---	---	---	---	277.6 1/	301.0
Cabernet Sauvignon	2,290.3	1,920.8	510.8	4,537.0	204.0	431.7	1,233.3	67,952.6	63,657.6
Carignane	22,284.2	40,793.8	55,420.0	17,682.2	247.6	---	---	150,192.5 1/	185,411.8
Carmine	---	---	146.1	---	---	---	---	149.2 1/	143.8
Carnelian	37.9	1,134.8	7,076.8	3,904.4	---	---	---	12,423.4	23,236.8
Centurian	35.6	---	3,810.4	692.3	---	---	---	4,643.6	7,374.7
Charbono	---	---	155.9	---	---	---	---	516.4 1/	469.9
Early Burgundy	---	---	---	---	---	---	51.0	1,585.4 1/	1,949.2
Gamay (Napa)	983.6	881.1	502.6	1,078.2	---	137.9	568.0	20,096.0 1/	26,298.0
Gamay Beaujolais	---	---	---	580.7	---	57.0	---	10,398.5 1/	9,248.0
Grand Noir	---	---	---	---	---	---	---	40.7 1/	125.9
Grenache	665.7	34,875.3	67,299.7	26,861.1	4,885.5	---	---	138,156.6 1/	168,697.1
Grignolino	---	---	---	---	---	---	---	119.6	231.5
Malbec	---	307.9	---	---	---	---	---	317.0 1/	554.5
Mataro	---	---	---	---	1,240.4	---	---	1,351.2 1/	1,287.8
Merlot	93.6	---	136.9	---	---	---	249.5	7,891.0 1/	8,601.6
Mission	266.0	5,127.0	6,472.1	1,122.3	8,385.4	412.4	---	21,856.5 1/	29,907.8
Muscat Hamburg	---	---	---	---	---	---	---	43.2 1/	32.5
Nebbiolo	---	1,445.2	---	387.5	---	---	---	1,842.6 1/	2,103.6
Pfeffer	---	---	---	---	---	---	---	39.8	---
Perelli 101	---	---	---	322.7	---	---	---	322.7	2,279.1
Petite Sirah	5,459.5	3,862.8	3,348.8	3,845.8	96.8	814.3	715.9	37,144.9	58,799.4
Petite Verdot	---	---	---	---	---	---	---	1/	---
Pinot Noir	---	---	191.5	---	---	---	---	30,187.0	24,568.9
Pinot St. George	---	---	---	---	---	132.2	---	3,267.8	1,953.8
Refosco/Mondeuse	---	---	---	---	---	---	---	437.8	395.0
Royalty	38.9	438.0	7,121.2	4,194.9	---	---	---	11,793.0	17,420.8
Rubired	857.6	5,011.1	41,814.5	27,779.7	112.3	63.8	---	75,639.0	108,299.5
Ruby Cabernet	841.3	26,671.3	37,743.0	31,873.8	251.3	---	---	99,979.9 1/	144,150.6
Salvador	27.6	---	1,479.2	11,930.1	141.2	---	---	13,615.5	18,314.0
Sangiovese	---	---	---	---	---	---	---	49.7 1/	108.3
Souzao	---	222.7	58.0	---	---	---	---	318.3	1,085.7
St. Macaire	74.4	592.0	---	---	---	---	---	691.6	1,141.6
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	141.1	120.5
Tannat	---	---	---	---	---	---	---	1/	1/
Tinta Madeira	171.7	749.5	436.5	203.3	---	---	---	2,146.1	2,400.1
Tinto Cao	---	---	---	---	---	---	---	1/	1/
Touriga	---	---	43.6	---	---	---	---	43.6	2,106.4
Valdepeñas	---	6,233.5	847.6	259.4	---	---	---	7,340.5	20,536.2
Zinfandel	38,372.6	11,978.5	653.8	360.6	1,041.1	261.8	1,184.4	101,361.6	115,971.0
Other Black	131.6	138.6	913.8	275.5	1,457.6	---	---	3,527.9 1/	7,428.5
TOTAL BLACK	76,740.2	174,473.0	318,022.5	178,342.7	18,574.1	2,345.1	4,406.7	988,803.7 1/	1,239,487.4
TOTAL WINE	111,130.1	303,802.4	541,885.4	333,987.6	24,404.5	7,314.5	12,569.4	1,724,497.3	1,922,046.5
TOTAL ALL VARIETIES	229,767.7	326,933.9	940,617.8	482,951.0	24,533.6	7,316.8	12,569.4	2,414,438.8	2,895,779.3

1/ Some districts or State totals for this variety are less than 25 tons.

TABLE 3: Weighted average degrees Brix for all grapes crushed by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1981 State Total	1980 State Total
Degrees Brix																			
RAISIN GRAPES:																			
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---	---	---	22.3	---	---	---	---	22.3	21.9
Muscats	---	---	---	24.9	---	---	---	---	---	---	20.0	18.2	21.9	21.9	---	---	---	21.9 ^{1/}	21.5
Sultanas	---	---	---	---	---	---	---	---	---	---	---	---	21.1	---	---	---	---	21.1	20.1
Thompson Seedless	---	---	---	---	---	---	---	---	21.7	---	20.0	21.6	21.4	20.5	---	---	---	21.2 ^{1/}	19.1
Other Raisin	---	---	---	---	---	---	---	---	---	---	---	---	17.2	---	---	---	---	17.2	16.9
TOTAL RAISIN	---	---	---	24.9	---	---	---	---	21.7	---	20.0	21.5	21.3	20.7	---	---	---	21.2 ^{1/}	19.3
TABLE GRAPES:																			
Almeria	---	---	---	---	---	---	---	---	---	---	---	---	18.5	17.8	---	---	---	17.9	18.9
Black Monukka	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.6
Black Morocco	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	1/
Black Prince	---	---	---	---	---	---	---	---	---	---	19.2	---	---	---	21.5	---	---	20.4 ^{1/}	23.6
Blackrose	---	---	---	---	---	---	---	---	---	---	21.6	---	21.1	20.6	---	---	---	20.9	21.9
Calmeria	---	---	---	---	---	---	---	---	---	---	---	---	19.7	19.8	---	---	---	19.8	20.4
Cardinal	---	---	---	---	---	---	---	---	---	20.8	---	---	20.4	20.5	---	---	---	20.5	19.7
Concord	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2/	18.0
Cornichon	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9
Emperor	---	---	---	---	---	---	---	---	---	---	---	---	16.8	17.9	---	---	---	17.7 ^{1/}	1/
Exotic	---	---	---	---	---	---	---	---	---	---	---	---	---	19.7	---	---	---	19.7 ^{1/}	21.2
Flame Seedless	---	---	---	---	---	---	---	---	---	---	---	---	21.8	21.7	---	---	---	21.8	1/
Gold	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	1/
Golden Muscat	---	---	---	---	---	---	---	---	---	---	---	20.3	---	21.2	---	---	---	20.5 ^{1/}	22.5
Italia	---	---	---	---	---	---	---	---	---	---	---	---	20.2	20.8	---	---	---	20.6	20.7
Olivette Blanche	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	18.4
Perlette	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	18.8
Queen	---	---	---	---	---	---	---	---	---	---	---	---	21.3	22.5	---	---	---	22.2	20.9
Red Malaga	---	---	---	---	---	---	---	---	---	---	---	19.4	19.6	20.2	---	---	---	19.9 ^{1/}	19.3
Ribier	---	---	---	---	---	---	---	---	---	---	---	---	19.3	20.5	---	---	---	20.2 ^{1/}	19.6
Rish Baba	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	18.4
Ruby Seedless	---	---	---	---	---	---	---	---	---	---	---	---	22.3	24.3	---	---	---	22.9	24.1
Scarlet	---	---	---	---	---	---	---	---	---	---	20.0	---	---	---	---	---	---	20.0	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---	---	---	---	18.3	---	---	---	18.3	18.3
Tokay	---	---	---	---	---	---	---	---	---	---	18.6	18.4	19.9	15.0	---	---	---	18.6 ^{1/}	18.7
White Malaga	---	---	---	---	---	---	---	---	---	---	---	19.6	20.1	19.9	23.5	---	---	20.0	19.9
Other Table	---	---	---	---	---	---	---	---	---	---	20.2	---	18.4	20.7	---	---	---	18.6	18.2
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---	18.6	19.3	19.6	19.3	22.3	---	---	18.9 ^{1/}	19.1
WINE GRAPES (White):																			
Burger	18.5	---	20.2	20.1	---	---	18.7	---	---	---	17.5	---	19.7	17.0	17.9	---	---	17.7	16.6
Chardonnay	22.9	23.9	23.0	23.1	22.4	21.9	23.0	22.9	22.7	23.1	21.1	22.9	21.6	22.6	---	23.8	22.8	23.0	22.7
Chenin Blanc	21.3	20.9	21.7	21.8	22.0	20.4	22.1	21.5	20.7	21.9	20.7	19.9	19.4	18.9	19.8	21.4	21.2	20.0	19.3
Emerald Riesling	---	---	---	---	---	19.4	20.7	21.9	23.7	---	21.2	21.0	20.8	21.9	---	20.8	---	21.6 ^{1/}	19.5
Feher Szagos	---	---	---	---	---	---	---	---	---	---	---	---	18.1	22.0	---	---	---	18.4	18.1
Flora	22.7	---	21.5	22.5	22.5	---	24.4	---	---	---	---	19.9	---	24.9	---	---	---	24.0 ^{1/}	21.0
Folle Blanche	---	---	22.2	19.1	---	19.5	19.2	---	---	---	---	---	---	---	---	---	---	19.3	19.1
French Colombard	20.6	---	21.0	20.5	22.0	18.8	21.6	21.7	21.0	---	21.3	21.2	20.9	19.9	18.2	18.2	21.6	20.8	19.6
Furmint	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	---
Gewürztraminer	22.5	---	22.6	22.5	---	---	21.7	21.5	---	---	---	---	---	18.8	---	---	---	22.1 ^{1/2/}	22.2
Gray Riesling	21.1	---	22.0	22.5	22.7	21.0	21.5	22.4	16.5	---	19.7	---	---	21.5	---	---	21.5	21.3 ^{1/}	20.3
Green Hungarian	19.9	---	19.2	20.3	---	19.2	---	---	---	---	20.0	18.2	---	18.4	---	---	---	19.1 ^{1/}	18.1
Helena	---	---	---	---	---	---	---	---	---	---	---	20.0	---	---	---	---	---	20.0	18.8
Inzolia	---	---	---	---	---	---	---	---	---	---	---	---	---	20.8	---	---	---	20.8	19.5
Kleinberger	---	---	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.5	1/
Malvasia Bianca	---	---	---	---	---	22.6	20.7	---	---	---	21.0	21.7	23.6	24.0	24.3	---	---	22.5 ^{1/}	19.6
Melon	---	---	---	20.4	---	---	---	---	---	---	---	---	---	---	---	---	---	20.4	---
Muscadelle du Bordelais	---	---	---	---	---	---	---	---	---	---	---	---	---	20.5	---	---	---	20.5	1/
Muscat Blanc	---	---	23.5	24.0	---	22.3	22.2	23.2	---	---	---	---	22.1	23.3	22.1	23.5	---	22.4 ^{1/2/}	21.5
Orange Muscat	---	---	---	---	---	---	---	---	---	---	---	---	20.5	---	---	---	---	20.5	19.5
Palomino	21.2	---	22.0	21.0	23.1	---	19.8	---	---	---	20.2	19.0	19.5	19.8	20.3	---	---	19.7 ^{1/}	18.4
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---	---	---	---	20.0	18.6	---	---	19.8	18.5
Peperella	---	---	---	---	---	---	---	---	---	---	---	---	---	24.3	---	---	---	24.3 ^{1/}	21.7
Pinot Blanc	---	---	20.1	19.6	---	19.4	21.7	---	20.4	---	---	19.8	---	---	---	20.1	---	21.2 ^{1/}	21.0
Red Veltliner	---	---	---	---	---	---	21.0	---	---	---	---	---	---	---	---	---	---	21.0	---
Rkatsiteli	---	---	---	---	---	20.3	---	---	---	---	---	---	---	---	---	---	---	20.8 ^{1/}	21.5
Sauvignon Blanc	22.2	22.4	23.3	23.1	---	21.1	22.2	23.0	23.0	22.7	22.8	21.4	23.5	---	20.6	22.7	23.7	22.5 ^{1/}	22.0
Sauvignon Vert	21.5	---	22.4	21.3	---	20.3	19.2	---	---	---	---	---	---	16.0	---	---	---	20.6 ^{1/}	20.7
Sémillon	21.2	---	22.2	21.8	---	21.5	21.2	22.4	23.1	---	21.9	20.0	21.1	18.5	---	---	---	20.3 ^{1/}	18.9
St. Emilion (Ugni Blanc)	---	---	---	19.0	---	18.5	---	---	---	---	---	21.4	20.5	18.1	18.5	18.1	---	20.4 ^{1/}	19.7
Sylvaner	21.1	---	21.6	21.2	---	20.0	21.5	19.9	---	---	---	20.9	---	21.5	---	---	---	21.2	21.1
Traminer	---	---	---	21.8	---	---	---	---	---	---	---	---	---	---	---	---	---	21.8	20.7
White Riesling	21.4	21.4	21.3	21.5	---	22.1	21.8	21.8	20.6	---	---	19.4	---	20.7	---	21.2	---	21.6 ^{1/}	21.1
Other White	---	---	21.3	21.0	---	20.5	---	---	---	---	---	20.4	21.7	24.7	---	---	---	21.3 ^{1/}	19.7
TOTAL WHITE	21.3	21.7	22.1	22.2	22.1	20.6	21.9	22.1	21.1	22.4	20.3	20.6	20.5	19.9	19.5	21.6	21.4	20.7 ^{1/}	19.7

^{1/} Some districts or State totals for this variety are less than 25 tons.
^{2/} Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are included in the district and State sum totals.

TABLE 3: Weighted average degrees Brix for all grapes crushed by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1981 State Total	1980 State Total
Degrees Brix																			
WINE GRAPES (Black):																			
Aleatico	---	---	---	---	---	---	---	---	---	---	---	---	23.2	---	23.5	---	---	23.4 1/	21.1
Alicante Bouschet	---	---	22.1	---	---	20.9	---	---	---	---	---	21.4	22.1	21.0	22.0	---	---	22.0 1/	20.4
Almission	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.6
Aramon	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	21.9
Barbera	21.3	---	23.3	---	---	---	---	21.5	23.1	22.0	22.5	22.8	22.2	22.0	---	---	23.2	22.3 1/	22.1
Beclan	---	---	---	---	---	---	---	---	---	---	---	---	---	23.2	---	---	---	23.2	23.7
Black Malvoisie	---	---	---	---	---	---	---	---	---	---	23.4	24.4	21.9	17.5	---	---	---	19.2 1/	22.1
Blaue Elbe	---	---	---	---	---	---	---	---	---	---	---	---	---	24.0	---	---	---	24.0	20.4
Cabernet Franc	---	---	---	23.4	24.2	---	---	22.7	---	---	---	---	---	---	---	---	---	23.5 1/	24.2
Cabernet Sauvignon	22.7	23.1	23.2	23.0	23.9	22.6	23.4	23.1	23.2	23.3	23.2	23.6	21.7	23.9	21.5	22.3	23.6	23.2	23.3
Carignane	21.9	---	23.0	22.5	22.7	22.5	---	---	22.8	23.1	23.0	21.9	22.1	22.1	23.9	---	---	22.2 1/	22.7
Carmine	---	---	---	---	---	---	---	---	---	---	---	---	22.7	---	---	---	---	22.7 1/	23.2
Carnelian	---	---	---	---	---	---	22.3	---	26.8	---	24.7	22.7	20.7	20.1	---	---	---	20.8	22.5
Centurian	---	---	---	---	---	---	---	19.5	---	---	---	24.3	---	20.9	16.3	---	---	20.2	22.8
Charbono	21.4	---	---	20.9	---	---	---	---	---	---	---	---	18.8	---	---	---	---	20.4 1/	21.0
Early Burgundy	21.9	---	23.3	22.8	24.1	---	23.0	---	---	---	---	---	---	---	---	---	21.6	23.0 1/	22.2
Gamay (Napa)	20.9	21.0	21.4	21.1	21.5	21.3	20.3	22.9	20.7	---	20.9	23.6	22.6	20.7	---	22.0	21.5	21.1 1/	21.0
Gamay Beaujolais	22.3	15.4	23.3	23.6	---	21.5	22.2	22.0	---	---	---	---	---	21.8	---	22.7	---	22.4 1/	22.8
Grand Noir	---	---	---	21.7	---	---	---	---	---	---	---	---	---	---	---	---	---	21.8 1/	24.2
Grenache	22.8	---	24.6	23.4	---	21.7	23.1	---	21.3	---	21.0	21.4	20.3	20.8	23.7	---	---	20.8 1/	20.6
Grignolino	---	---	---	23.4	---	19.8	---	---	---	---	---	---	---	---	---	---	---	21.4	20.8
Malbec	---	---	---	---	---	---	---	---	---	---	---	23.1	---	---	---	---	---	23.1 1/	22.3
Mataro	---	---	---	---	---	22.6	---	---	---	---	---	---	---	---	23.7	---	---	23.6 1/	22.1
Merlot	23.3	23.6	23.6	23.2	---	---	22.4	23.7	22.6	---	21.9	---	24.6	---	---	---	23.4	23.1 1/	23.6
Mission	---	---	---	---	---	---	---	---	---	26.3	23.6	23.8	23.1	23.6	23.8	23.3	---	23.6 1/	23.2
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.6 1/	23.7
Nebbiolo	---	---	---	---	---	---	---	---	---	---	---	24.6	---	23.4	---	---	---	24.3 1/	24.3
Pfeffer	---	---	---	---	---	---	22.7	---	---	---	---	---	---	---	---	---	---	22.7	---
Perelli 101	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9	---	---	---	20.9	21.5
Petite Sirah	22.0	22.6	22.9	22.8	23.7	22.7	22.2	23.9	22.8	---	23.4	25.1	23.5	23.0	22.3	22.2	23.4	23.1 1/	22.6
Petite Verdot	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	---
Pinot Noir	21.8	---	22.3	21.8	23.1	21.1	21.9	21.7	---	---	---	---	21.5	---	---	---	---	22.0 1/	22.0
Pinot St. George	22.1	---	23.0	22.9	---	19.4	20.8	---	---	---	---	---	---	---	---	21.8	---	21.2	23.0
Refosco/Mondeuse	21.2	---	21.4	20.1	---	---	---	---	---	---	---	---	---	---	---	---	---	20.5	22.0
Royalty	---	---	---	---	---	---	---	---	---	---	20.0	22.0	22.4	22.3	---	---	---	22.3	21.6
Rubired	---	---	---	---	---	---	---	---	---	---	22.3	23.3	22.9	22.8	19.9	19.9	---	22.9	22.2
Ruby Cabernet	---	21.5	23.1	22.3	---	20.5	22.2	---	23.8	---	23.0	23.6	23.5	24.3	22.6	---	---	23.7 1/	22.6
Salvador	---	---	---	---	---	20.9	---	---	---	---	---	22.5	---	22.4	21.5	23.6	---	---	21.6
Sangiovetto	---	---	24.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24.1 1/	22.1
Souzao	---	---	---	---	---	---	21.9	---	---	---	---	---	25.6	23.7	---	---	---	24.8	23.4
St. Macaire	---	---	---	---	---	20.8	---	---	---	---	23.2	23.5	---	---	---	---	---	23.4	22.7
Syrah/French Syrah-Shiraz	---	---	---	23.1	---	---	---	23.9	---	---	---	---	---	---	---	---	---	23.6	23.8
Tannat	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	1/
Tinta Madeira	---	---	---	---	---	---	21.7	---	---	---	22.2	23.0	23.1	22.6	---	---	---	22.4	23.2
Tinto Cao	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	1/
Touriga	---	---	---	---	---	---	---	---	---	---	---	---	23.5	---	---	---	---	23.5	22.8
Valdepeñas	---	---	---	---	---	---	---	---	---	---	---	23.3	23.4	23.3	---	---	---	23.3	23.0
Zinfandel	22.2	22.5	23.0	22.7	23.6	23.6	22.2	23.5	21.7	23.2	23.1	22.7	23.6	19.7	23.5	23.2	21.2	22.8	22.6
Other Black	21.0	---	22.1	22.6	---	23.2	---	---	---	---	20.0	22.8	23.7	22.5	23.3	---	---	23.0 1/	20.7
TOTAL BLACK	22.1	22.5	22.9	22.5	22.7	22.3	22.2	23.0	22.6	23.2	23.0	22.6	22.0	22.3	23.6	22.5	22.6	22.4 1/	22.2
TOTAL WINE	21.8	22.4	22.6	22.4	22.6	21.2	22.0	22.5	22.1	23.2	22.1	21.7	21.4	21.2	22.6	21.9	21.8	21.7	21.3
TOTAL ALL VARIETIES	21.8	22.4	22.6	22.4	22.6	21.2	22.0	22.5	22.1	23.2	20.3	21.7	21.3	20.9	22.6	21.9	21.8	21.4	20.6

1/ Some districts or State totals for this variety are less than 25 tons.

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10
Tons										
RAISIN GRAPES:										
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---
Muscats	---	---	---	60.6	---	---	---	---	---	---
Sultanas	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	137.6	---
Other Raisin	---	---	---	---	---	---	---	---	---	---
TOTAL RAISIN	---	---	---	60.6	---	---	---	---	137.6	---
TABLE GRAPES:										
Almeria	---	---	---	---	---	---	---	---	---	---
Black Monukka	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---
Concord	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---
Emperor	---	---	---	---	---	---	---	---	---	---
Exotic	---	---	---	---	---	---	---	---	---	---
Flame Seedless	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---
Qucen	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---
Rish Baba	---	---	---	---	---	---	---	---	---	---
Ruby Seedless	---	---	---	---	---	---	---	---	---	---
Scarlet	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---
Other Table	---	---	---	---	---	---	---	---	---	---
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---
WINE GRAPES (White):										
Burger	---	---	516.4	599.6	---	---	---	---	---	---
Chardonnay	1,857.1	---	8,623.3	8,216.9	128.7	77.9	3,885.3	2,826.3	226.5	42.6
Chenin Blanc	1,835.0	30.5	2,492.5	7,217.2	393.4	146.6	10,418.4	3,996.3	1,131.3	65.8
Emerald Riesling	---	---	---	---	---	122.8	1,256.3	88.3	268.9	---
Feher Szagos	---	---	---	---	---	---	---	---	---	---
Flora	101.4	---	34.5	230.2	34.3	---	---	---	---	---
Folle Blanche	---	---	---	---	---	---	---	---	---	---
French Colombard	4,561.4	---	5,839.7	1,904.4	300.1	363.2	2,714.0	228.5	557.5	---
Furmint	---	---	---	---	---	---	---	---	---	---
Gewürztraminer	409.4	---	2,191.6	1,008.0	---	---	2,175.9	799.0	---	---
Gray Riesling	1,039.1	---	335.6	966.0	91.1	338.8	1,904.5	326.7	140.9	---
Green Hungarian	763.7	---	184.9	327.6	---	85.9	---	---	---	---
Inzolia	---	---	---	---	---	---	---	---	---	---
Kleinberger	---	---	27.0	---	---	---	---	---	---	---
Malvasia Bianca	---	---	---	---	---	95.2	1,379.3	---	---	---
Muscadelle du Bordelais	---	---	---	---	---	---	---	---	---	---
Muscat Blanc	---	---	149.1	301.2	---	---	705.6	98.3	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---
Palomino	258.4	---	515.0	164.0	44.8	---	---	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---
Peperella	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	---	---	86.1	36.2	---	76.7	1,695.7	---	148.3	---
Sauvignon Blanc	420.0	455.1	1,603.0	3,483.9	47.3	---	2,319.4	2,457.5	405.5	32.1
Sauvignon Vert	---	---	760.5	491.5	---	34.6	---	---	---	---
Sémillon	---	---	465.6	265.6	---	208.8	2,004.9	231.7	168.8	---
St. Émilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---
Sylvaner	56.4	---	95.3	382.9	---	45.9	1,781.7	518.4	---	---
Traminer	---	---	---	58.2	---	---	---	---	---	---
White Riesling	818.4	297.4	3,038.2	2,893.7	---	93.8	8,091.5	4,169.6	1,259.0	---
Other White	---	---	71.4	100.5	---	45.5	---	---	---	---
TOTAL WHITE	12,269.7	1,091.1	27,034.1	28,674.4	1,101.3	1,741.4	40,347.5	15,763.1	4,306.7	155.1

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	11	12	13	14	15	16	17	1981 State Total	1980 State Total
Tons									
RAISIN GRAPES:									
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	401.8
Muscats	33.3	---	31,076.1	13,371.2	---	---	---	44,556.8 ^{1/}	41,655.3
Sultanas	---	---	816.0	---	---	---	---	816.0	1,472.7
Thompson Seedless	33.1	18,856.5	260,613.3	78,441.0	---	---	---	358,081.5 ^{1/}	517,714.4
Other Raisin	---	---	8,861.5	---	---	---	---	8,861.5	9,276.1
TOTAL RAISIN	66.4	18,856.5	301,366.9	91,812.2	---	---	---	412,315.8 ^{1/}	570,518.3
TABLE GRAPES:									
Almería	---	---	---	159.1	---	---	---	180.5 ^{1/}	671.8
Black Monukka	---	---	---	---	---	---	---	---	81.8
Black Morocco	---	---	---	---	---	---	---	1/	---
Black Prince	---	---	---	---	83.7	---	---	105.1 ^{1/}	25.4
Blackrose	64.8	---	339.3	271.7	---	---	---	675.8	---
Calmeria	---	---	867.7	1,908.2	---	---	---	2,775.9	4,524.6
Cardinal	---	---	138.5	785.5	---	---	---	924.0	1,401.5
Concord	---	---	---	---	---	---	---	2/	147.8
Cornichon	---	---	---	---	---	---	---	---	71.5
Emperor	---	---	2,866.2	8,227.3	---	---	---	11,093.5	11,317.5
Exotic	---	---	---	234.3	---	---	---	234.3	47.6
Flame Seedless	---	---	479.8	---	---	---	---	541.5 ^{2/}	---
Golden Muscat	---	---	---	---	---	---	---	---	842.8
Italia	---	---	369.0	307.6	---	---	---	676.6	1,119.0
Perlette	---	---	---	---	---	---	---	---	713.3
Queen	---	---	127.5	145.2	---	---	---	272.7	396.2
Red Malaga	---	---	80.0	257.4	---	---	---	343.0 ^{1/}	718.1
Ribier	---	---	1,395.0	3,454.1	---	---	---	4,876.8 ^{1/}	7,345.9
Rish Baba	---	---	---	---	---	---	---	1/	1/
Ruby Seedless	---	---	78.9	---	---	---	---	78.9	108.9
Scarlet	29.2	---	---	---	---	---	---	29.2	---
Superior Seedless	---	---	---	261.5	---	---	---	261.5	2,478.7
Tokay	82,462.4	93.4	---	713.7	---	---	---	83,273.4 ^{1/}	71,265.6
White Malaga	---	96.2	15,865.0	7,301.4	35.9	---	---	23,298.5	25,170.0
Other Table	---	---	1,131.9	---	---	---	---	1,139.2 ^{1/}	3,549.5
TOTAL TABLE	82,582.8	212.3	23,794.0	24,096.0	129.1	---	---	130,848.6 ^{1/}	132,029.3
WINE GRAPES (White):									
Burger	4,723.6	---	266.7	3,469.4	1,774.7	---	---	11,366.0 ^{1/}	12,920.4
Chardonnay	337.2	340.2	---	248.8	---	284.3	25.1	27,163.6 ^{1/}	22,650.6
Chenin Blanc	9,351.0	40,047.7	50,441.8	45,651.8	---	892.5	6,042.5	180,362.0 ^{2/}	137,462.5
Emerald Riesling	130.7	178.3	3,418.0	14,807.7	---	97.1	---	20,371.6 ^{1/}	23,608.2
Feher Szagos	---	---	1,617.2	---	---	---	---	1,617.2	1,522.4
Flora	---	---	---	1,252.7	---	---	---	1,653.1	2,312.8
Folle Blanche	---	---	---	---	---	---	---	1/	1/
French Colombard	12,452.9	59,890.1	127,772.9	66,235.7	53.2	---	1,318.1	284,191.7	259,547.3
Furmint	---	---	---	---	---	---	---	1/	---
Gewürztraminer	---	---	---	---	---	---	---	6,657.3 ^{1/2/}	3,830.0
Gray Riesling	890.4	---	---	1,014.3	---	---	473.0	7,520.4	6,651.0
Green Hungarian	46.4	210.3	---	880.8	---	---	---	2,520.4 ^{1/}	3,054.5
Inzolia	---	---	---	123.1	---	---	---	123.1	217.1
Kleinberger	---	---	---	---	---	---	---	27.0	1/
Malvasia Bianca	25.8	1,047.1	1,377.2	912.0	76.6	---	---	4,935.5 ^{1/}	7,737.6
Muscadelle du Bordelais	---	---	97.5	---	---	---	---	97.5	1/
Muscat Blanc	---	---	5,232.0	1,031.1	247.2	---	---	7,855.6 ^{1/2/}	6,985.7
Orange Muscat	---	---	80.1	---	---	---	---	80.1	77.6
Palomino	96.5	3,069.7	14,279.8	1,745.0	2,292.3	---	---	22,475.6 ^{1/}	29,535.6
Pedro Ximenes	---	---	---	1,144.0	152.6	---	---	1,297.0	1,891.8
Peverella	---	---	---	2,484.3	---	---	---	2,484.3	2,903.1
Pinot Blanc	---	175.3	---	---	---	84.3	---	2,397.4 ^{1/2/}	1,770.1
Sauvignon Blanc	1,643.0	4,065.0	90.5	---	44.1	593.1	237.1	17,916.9 ^{1/}	15,273.3
Sauvignon Vert	---	---	---	389.5	---	---	---	1,731.4 ^{1/}	2,242.7
Sémillon	68.3	2,102.6	3,595.5	4,569.8	---	---	---	13,685.0 ^{1/}	13,841.0
St. Émilion (Ugni Blanc)	---	3,363.3	3,073.6	1,200.0	---	67.9	---	7,704.8	8,918.0
Sylvaner	---	252.4	---	578.6	---	---	---	3,711.6	2,220.4
Traminer	---	---	---	---	---	---	---	58.2	79.5
White Riesling	---	423.0	---	195.0	---	1,520.2	---	22,843.0 ^{1/}	19,067.6
Other White	42.9	70.7	63.5	---	---	---	---	429.7 ^{1/}	569.0
TOTAL WHITE	29,859.4	115,250.4	211,419.2	147,975.9	4,652.5	3,546.0	8,095.8	653,283.6 ^{1/}	586,939.3

^{1/} Some districts or State totals for this variety are less than 25 tons.

^{2/} Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are included in the district and State sum totals.

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Tons									
WINE GRAPES (Black):										
Aleatico	---	---	---	---	---	---	---	---	---	---
Alicante Bouschet	---	---	137.3	---	---	47.7	---	---	---	---
Almission	---	---	---	---	---	---	---	---	---	---
Aramon	---	---	---	---	---	---	---	---	---	---
Barbera	31.5	---	156.8	---	---	---	---	278.0	429.5	72.1
Beclan	---	---	---	---	---	---	---	---	---	---
Black Malvoisie	---	---	---	---	---	---	---	---	---	---
Blaue Elbe	---	---	---	---	---	---	---	---	---	---
Cabernet Franc	---	---	---	155.6	---	---	---	---	---	---
Cabernet Sauvignon	2,355.8	1,710.5	9,780.5	11,484.9	170.9	179.6	5,974.4	5,118.8	1,802.6	58.5
Carignane	6,579.9	---	2,959.4	729.6	257.0	175.3	---	---	---	---
Carmine	---	---	---	---	---	---	---	---	---	---
Carnelian	---	---	---	---	---	---	131.2	---	125.2	---
Centurian	---	---	---	---	---	---	105.1	---	---	---
Charbono	82.0	---	---	174.4	---	---	---	---	---	---
Early Burgundy	45.6	---	261.2	182.5	136.6	---	683.2	---	---	---
Gamay (Napa)	449.7	476.8	1,531.3	2,408.4	928.4	31.2	4,683.2	472.7	447.4	---
Gamay Beaujolais	1,525.0	---	969.8	1,074.9	---	185.5	2,025.6	283.3	---	---
Grand Noir	---	---	---	35.6	---	---	---	---	---	---
Grenache	354.3	---	129.9	144.9	---	143.8	957.8	---	811.7	---
Grignolino	---	---	---	---	---	48.2	---	---	---	---
Malbec	---	---	---	---	---	---	---	---	---	---
Mataro	---	---	---	---	---	79.1	---	---	---	---
Merlot	81.4	---	1,100.7	1,941.1	---	---	1,720.0	426.5	524.6	---
Mission	---	---	---	---	---	---	---	---	---	37.3
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---
Nebbiolo	---	---	---	---	---	---	---	---	---	---
Perelli 101	---	---	---	---	---	---	---	---	---	---
Petite Sirah	1,470.7	---	1,222.6	982.5	443.0	33.4	7,511.0	430.2	2,052.9	---
Petite Verdot	---	---	---	---	---	---	---	---	---	---
Pinot Noir	946.7	---	8,481.3	8,046.1	157.6	201.7	3,331.7	1,917.3	---	---
Pinot St. George	44.1	---	172.7	49.0	---	30.8	822.9	---	---	---
Refosco/Mondeuse	72.9	---	77.0	96.1	---	---	---	---	---	---
Royalty	---	---	---	---	---	---	---	---	---	---
Rubired	---	---	---	---	---	---	---	---	---	---
Ruby Cabernet	---	---	56.1	25.8	---	40.6	768.5	---	1,020.6	---
Salvador	---	---	---	---	---	37.4	---	---	---	---
Souzão	---	---	---	---	---	---	---	---	---	---
St. Macaire	---	---	---	---	---	25.2	---	---	---	---
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	---	---	---
Tinta Madeira	---	---	---	---	---	---	113.6	---	---	---
Touriga	---	---	---	---	---	---	---	---	---	---
Valdepeñas	---	---	---	---	---	---	---	---	---	---
Zinfandel	4,147.9	852.0	9,931.7	4,159.5	86.6	636.3	9,551.5	3,564.2	2,060.4	1,804.9
Other Black	---	---	320.3	98.9	---	---	---	---	---	---
TOTAL BLACK	18,240.0	3,171.1	37,340.2	31,844.5	2,188.7	1,940.9	38,385.0	12,504.2	9,277.7	1,993.9
TOTAL WINE	30,059.7	4,262.2	64,374.3	60,518.9	3,290.0	3,682.3	78,732.5	28,267.3	13,584.4	2,149.0
TOTAL ALL VARIETIES	30,509.7	4,262.2	64,374.3	60,579.5	3,301.9	3,682.3	78,732.5	28,267.3	13,756.4	2,152.7

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	11	12	13	14	15	16	17	1981 State Total	1980 State Total
	----- Tons -----								
WINE GRAPES (Black):									
Aleatico	---	---	368.4	---	359.9	---	---	728.3	640.6
Alicante Bouschet	---	81.7	1,333.0	58.8	50.0	---	---	1,740.2 ^{1/2/}	7,551.9
Almission	---	---	---	---	---	---	---	---	44.5
Aramon	---	---	---	---	---	---	---	1/	405.4
Barbera	3,533.9	23,955.6	72,783.5	35,632.2	---	---	404.6	137,299.3 ^{1/}	150,812.1
Beclan	---	---	---	307.3	---	---	---	307.3	436.9
Black Malvoisie	329.3	253.3	234.9	2,222.4	---	---	---	3,067.9 ^{1/}	2,188.1
Blaue Elbe	---	---	---	---	40.0	---	---	40.0	205.5
Cabernet Franc	---	---	---	---	---	---	---	166.3 ^{1/}	223.5
Cabernet Sauvignon	1,684.7	1,920.8	162.7	4,046.1	46.5	271.3	1,233.2	48,001.9	43,784.0
Carignane	14,241.7	31,501.1	41,896.7	14,071.0	217.7	---	---	112,632.5 ^{1/}	133,781.3
Carmine	---	---	146.1	---	---	---	---	148.9 ^{1/}	143.8
Carnelian	37.9	1,134.8	5,729.7	2,130.2	---	---	---	9,289.0	16,248.5
Centurian	35.6	---	3,803.5	692.3	---	---	---	4,636.5	5,881.9
Charbono	---	---	---	---	---	---	---	259.0 ^{1/}	299.2
Early Burgundy	---	---	---	---	---	---	51.0	1,360.1	1,681.8
Gamay (Napa)	550.5	838.4	85.2	689.2	---	---	568.0	14,160.4	19,829.4
Gamay Beaujolais	---	---	---	580.7	---	---	---	6,657.8 ^{1/}	6,264.0
Grand Noir	---	---	---	---	---	---	---	35.6	107.5
Grenache	660.9	30,877.7	65,334.0	23,870.9	1,973.2	---	---	125,259.7 ^{1/}	149,746.2
Grignolino	---	---	---	---	---	---	---	52.9 ^{1/}	1/
Malbec	---	307.9	---	---	---	---	---	308.3 ^{1/}	541.0
Mataro	---	---	---	---	917.0	---	---	1,027.8 ^{1/}	959.6
Merlot	35.4	---	---	---	---	---	249.5	6,159.0 ^{1/2/}	6,320.6
Mission	131.5	4,317.7	6,465.4	919.7	7,131.6	---	---	19,019.0 ^{1/}	25,640.9
Muscat Hamburg	---	---	---	---	---	---	---	39.3 ^{1/}	26.7
Nebbiolo	---	1,437.1	---	387.5	---	---	---	1,824.6	2,058.6
Perelli 101	---	---	---	322.7	---	---	---	322.7	1,671.4
Petite Sirah	3,780.6	3,671.2	3,317.2	3,443.6	96.8	271.6	715.9	29,492.2 ^{1/2/}	42,944.6
Petite Verdot	---	---	---	---	---	---	---	1/	---
Pinot Noir	---	---	---	---	---	---	---	23,117.0 ^{1/}	18,338.0
Pinot St. George	---	---	---	---	---	---	---	1,119.5	715.6
Refosco/Mondeuse	---	---	---	---	---	---	---	246.0	280.9
Royalty	38.9	369.9	5,825.1	3,635.6	---	---	---	9,869.5	11,150.9
Rubired	781.3	4,002.9	30,339.5	23,556.3	78.8	---	---	58,758.8	69,359.0
Ruby Cabernet	692.1	23,715.0	36,970.5	29,028.9	---	---	---	92,349.6 ^{1/}	119,764.3
Salvador	---	---	1,470.1	11,345.0	87.2	---	---	12,939.7	15,065.8
Souzao	---	222.7	49.1	---	---	---	---	271.8	520.7
St. Macaire	74.4	590.8	---	---	---	---	---	690.4	1,133.1
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	1/	39.2
Tinta Madeira	---	749.3	302.0	203.3	---	---	---	1,368.2	1,551.9
Touriga	---	---	43.6	---	---	---	---	43.6	503.0
Valdepeñas	---	5,904.3	1,695.2	191.4	---	---	---	7,790.9	20,031.3
Zinfandel	30,803.4	11,273.1	30.1	352.3	949.6	57.4	1,184.4	81,445.3	86,724.0
Other Black	45.7	---	391.2	---	554.7	---	---	1,488.9 ^{1/}	3,480.6
TOTAL BLACK	57,498.4	147,158.4	278,776.7	157,696.3	12,515.5	621.6	4,406.7	815,559.8 ^{1/}	969,497.7
TOTAL WINE	87,357.8	262,408.8	490,195.9	305,672.2	17,168.0	4,167.6	12,502.5	1,468,843.4	1,556,437.0
TOTAL ALL VARIETIES	170,007.0	281,477.6	815,356.8	421,580.4	17,297.1	4,167.6	12,502.5	2,012,007.8	2,258,984.6

^{1/} Some districts or State totals for this variety are less than 25 tons.

^{2/} Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are included in the district and State sum totals.

TABLE 5: Weighted average degrees Brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1981 crop by type, variety, and reporting districts where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1981 State Total	1980 State Total
----- Degrees Brix -----																			
RAISIN GRAPES:																			
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.0
Muscats	---	---	---	24.9	---	---	---	---	---	---	20.0	---	21.7	21.7	---	---	---	21.7	1/ 21.1
Sultanas	---	---	---	---	---	---	---	---	---	---	---	---	21.0	---	---	---	---	21.0	20.1
Thompson Seedless	---	---	---	---	---	---	---	---	21.7	---	20.0	21.6	21.4	20.4	---	---	---	21.2	1/ 19.3
Other Raisin	---	---	---	---	---	---	---	---	---	---	---	---	18.8	---	---	---	---	18.8	16.8
TOTAL RAISIN	---	---	---	24.9	---	---	---	---	21.7	---	20.0	21.6	21.4	20.6	---	---	---	21.2	1/ 19.4
TABLE GRAPES:																			
Almeria	---	---	---	---	---	---	---	---	---	---	---	---	---	17.4	---	---	---	17.6	1/ 18.0
Black Monukka	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.6
Black Morocco	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	1/
Black Prince	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.5	---	---	21.2	1/ 21.7
Blackrose	---	---	---	---	---	---	---	---	---	21.6	---	20.6	20.6	---	---	---	---	20.7	---
Calmeria	---	---	---	---	---	---	---	---	---	---	---	19.8	20.0	---	---	---	---	20.0	20.5
Cardinal	---	---	---	---	---	---	---	---	---	---	---	21.5	20.5	---	---	---	---	20.6	19.9
Concord	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2/	18.0
Cornichon	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9
Emperor	---	---	---	---	---	---	---	---	---	---	---	16.6	17.8	---	---	---	---	17.5	18.8
Exotic	---	---	---	---	---	---	---	---	---	---	---	---	---	19.2	---	---	---	19.2	16.5
Flame Seedless	---	---	---	---	---	---	---	---	---	---	---	21.8	---	---	---	---	---	21.9	2/
Golden Muscat	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.8
Italia	---	---	---	---	---	---	---	---	---	---	---	---	20.2	20.9	---	---	---	20.5	20.5
Perlette	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.8
Queen	---	---	---	---	---	---	---	---	---	---	---	21.4	21.5	---	---	---	---	21.5	20.7
Red Malaga	---	---	---	---	---	---	---	---	---	---	---	19.9	20.0	---	---	---	---	20.1	1/ 18.7
Ribier	---	---	---	---	---	---	---	---	---	---	---	20.0	20.1	---	---	---	---	20.0	1/ 19.3
Rish Baba	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	1/
Ruby Seedless	---	---	---	---	---	---	---	---	---	---	---	21.5	---	---	---	---	---	21.5	24.4
Scarlet	---	---	---	---	---	---	---	---	---	20.0	---	---	---	---	---	---	---	20.0	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---	---	---	18.3	---	---	---	---	18.3	18.3
Tokay	---	---	---	---	---	---	---	---	---	18.5	18.4	---	15.0	---	---	---	---	18.5	18.5
White Malaga	---	---	---	---	---	---	---	---	---	---	---	19.6	20.0	19.8	23.5	---	---	20.0	20.0
Other Table	---	---	---	---	---	---	---	---	---	---	---	18.4	---	---	---	---	---	18.4	1/ 18.1
TOTAL TABLE	---	---	---	---	---	---	---	---	---	18.5	18.7	19.6	19.1	22.3	---	---	---	18.8	1/ 19.0
WINE GRAPES (White):																			
Burger	---	---	20.3	20.1	---	---	---	---	---	---	17.2	---	19.7	14.7	18.1	---	---	16.9	1/ 16.3
Chardonnay	23.0	---	23.2	23.1	22.3	22.2	23.4	22.8	22.7	23.1	21.1	22.9	---	22.5	---	24.0	22.8	23.1	1/ 22.8
Chenin Blanc	21.2	20.5	21.7	22.0	21.9	19.4	22.3	21.5	20.9	21.8	20.7	19.9	19.5	18.7	---	21.5	21.2	19.9	2/ 19.1
Emerald Riesling	---	---	---	---	---	19.4	20.9	21.9	23.7	---	21.1	21.3	20.5	21.9	---	22.5	---	21.6	1/ 19.2
Feher Szagos	---	---	---	---	---	---	---	---	---	---	---	---	18.1	---	---	---	---	18.1	17.9
Flora	22.6	---	23.3	22.6	22.5	---	---	---	---	---	---	---	---	24.9	---	---	---	24.4	20.9
Folle Blanche	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	1/
French Colombard	20.6	---	21.1	20.4	22.1	18.7	21.8	21.7	21.0	---	21.3	21.3	20.9	19.8	18.2	---	21.6	20.7	19.5
Furmint	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	---
Gewürztraminer	22.5	---	22.7	22.5	---	---	21.6	21.4	---	---	---	---	---	---	---	---	---	22.1	1/2/ 22.2
Gray Riesling	21.0	---	22.3	22.3	22.7	21.0	21.5	22.4	16.5	---	19.6	---	---	21.5	---	---	21.6	21.3	20.2
Green Hungarian	20.0	---	20.0	20.3	---	19.2	---	---	---	---	20.0	18.2	---	18.3	---	---	---	19.3	1/ 18.2
Inzolia	---	---	---	---	---	---	---	---	---	---	---	---	---	20.8	---	---	---	20.8	---
Kleinberger	---	---	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.5	1/
Malvasia Bianca	---	---	---	---	---	22.6	20.7	---	---	---	21.0	21.7	23.7	24.0	24.0	---	---	22.4	1/ 19.5
Muscadelle du Bordelais	---	---	---	---	---	---	---	---	---	---	---	---	20.5	---	---	---	---	20.5	1/
Muscat Blanc	---	20.5	---	24.0	---	---	22.2	22.8	---	---	---	---	22.0	23.3	22.1	---	---	22.3	1/2/ 20.9
Orange Muscat	---	---	---	---	---	---	---	---	---	---	---	---	20.5	---	---	---	---	20.5	19.5
Palomino	21.8	---	22.0	21.0	23.1	---	---	---	---	---	20.4	19.0	19.5	19.8	20.6	---	---	19.7	1/ 18.3
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---	---	---	---	20.0	18.6	---	---	19.9	18.5
Peperella	---	---	---	---	---	---	---	---	---	---	---	---	---	24.4	---	---	---	24.4	21.6
Pinot Blanc	---	---	19.9	22.3	---	19.3	21.6	---	20.4	---	---	19.8	---	---	20.1	---	---	21.2	1/2/ 20.8
Sauvignon Blanc	22.6	22.2	23.4	23.2	22.7	---	22.0	23.0	22.9	23.2	22.9	21.4	19.4	---	20.6	22.5	23.7	22.5	1/ 21.8
Sauvignon Vert	---	---	22.3	21.3	---	20.3	---	---	---	---	---	---	---	16.0	---	---	---	20.5	1/ 20.6
Sémillon	---	---	22.1	21.6	---	20.2	21.6	22.4	23.1	---	22.8	20.0	20.9	18.2	---	---	---	20.1	1/ 18.5
St. Émilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---	---	21.4	20.5	18.1	---	18.0	---	20.5	19.8
Sylvaner	19.5	---	22.3	20.8	---	19.4	21.8	19.9	---	---	---	20.9	---	21.5	---	---	---	21.3	21.0
Traminer	---	---	---	21.8	---	---	---	---	---	---	---	---	---	---	---	---	---	21.8	20.7
White Riesling	21.5	21.6	21.6	21.4	---	23.1	21.7	21.8	20.6	---	---	19.4	---	21.1	---	21.1	---	21.5	1/ 21.1
Other White	---	---	22.1	20.7	---	20.5	---	---	---	---	20.8	22.7	21.3	---	---	---	---	21.3	1/ 20.4
TOTAL WHITE	21.3	21.6	22.2	22.2	22.1	20.2	22.0	22.0	21.2	22.5	20.5	20.7	20.4	19.7	19.7	21.6	21.4	20.6	1/ 19.6

1/ Some districts or State totals for this variety are less than 25 tons.

2/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are included in the district and State sum totals.

TABLE 5: Weighted average degrees Brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1981 crop by type, variety, and reporting districts where grown, with comparisons (continued)

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1981 State Total	1980 State Total
----- Degrees Brix -----																			
WINE GRAPES (Black):																			
Aleatico	---	---	---	---	---	---	---	---	---	---	---	---	23.2	---	23.5	---	---	23.4	21.1
Alicante Bouschet	---	---	21.9	---	---	20.9	---	---	---	---	---	21.4	21.8	20.1	22.0	---	---	21.7 <u>1/2/</u>	20.4
Almission	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.6
Aramon	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1/	21.9
Barbera	21.9	---	23.2	---	---	---	---	20.9	23.1	21.8	22.4	22.8	22.1	22.0	---	---	23.2	22.2 <u>1/</u>	22.0
Beclan	---	---	---	---	---	---	---	---	---	---	---	---	---	23.2	---	---	---	23.2	23.7
Black Malvoisie	---	---	---	---	---	---	---	---	---	---	23.4	24.4	21.6	17.5	---	---	---	19.1 <u>1/</u>	22.0
Blaue Elbe	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24.0	---	---	24.0	20.4
Cabernet Franc	---	---	---	23.6	---	---	---	---	---	---	---	---	---	---	---	---	---	23.5 <u>1/</u>	24.6
Cabernet Sauvignon	22.8	23.3	23.2	23.0	23.5	22.7	23.3	23.5	23.1	23.5	23.0	23.4	23.0	23.9	21.5	22.6	23.6	23.2	23.3
Carignane	22.1	---	23.0	22.5	22.7	22.4	---	---	---	---	23.1	21.8	22.0	21.8	23.9	---	---	22.1 <u>1/</u>	22.7
Carmine	---	---	---	---	---	---	---	---	---	---	---	---	22.7	---	---	---	---	22.7 <u>1/</u>	23.2
Carnelian	---	---	---	---	---	---	22.3	---	26.9	---	24.7	22.7	20.4	18.8	---	---	---	20.5	25.5
Centurian	---	---	---	---	---	---	19.5	---	---	---	24.3	---	20.9	16.3	---	---	---	20.2	22.1
Charbono	22.0	---	---	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	21.3 <u>1/</u>	21.5
Early Burgundy	22.6	---	22.9	22.8	23.9	---	23.0	---	---	---	---	---	---	---	---	---	21.6	23.0	22.2
Gamay (Napa)	21.2	21.3	21.4	20.8	21.4	21.3	20.1	22.7	20.7	---	20.9	23.6	22.0	21.9	---	---	21.5	21.0	20.9
Gamay Beaujolais	22.4	---	23.6	23.8	---	21.3	22.3	21.7	---	---	---	---	---	21.8	---	---	---	22.7 <u>1/</u>	21.9
Grand Noir	---	---	---	21.7	---	---	---	---	---	---	---	---	---	---	---	---	---	21.7	24.3
Grenache	22.9	---	24.6	23.4	---	21.6	23.4	---	21.3	---	21.0	21.3	20.2	21.1	23.3	---	---	20.8 <u>1/</u>	20.5
Grignolino	---	---	---	---	---	19.4	---	---	---	---	---	---	---	---	---	---	---	19.6 <u>1/</u>	<u>1/</u>
Malbec	---	---	---	---	---	---	---	---	---	---	---	23.1	---	---	---	---	---	23.1 <u>1/</u>	22.2
Mataro	---	---	---	---	---	22.6	---	---	---	---	---	---	---	---	23.9	---	---	23.8 <u>1/</u>	22.2
Merlot	23.3	---	23.3	23.3	---	---	22.8	23.5	22.6	---	20.0	---	---	---	---	---	23.4	23.1 <u>1/2/</u>	23.7
Mission	---	---	---	---	---	---	---	---	---	27.8	22.9	23.7	23.1	23.5	23.9	---	---	23.5 <u>1/</u>	23.2
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.8 <u>1/</u>	23.9
Nebbiolo	---	---	---	---	---	---	---	---	---	---	---	24.6	---	23.4	---	---	---	24.3	24.3
Perelli 101	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9	---	---	---	20.9	21.8
Petite Sirah	21.9	---	22.7	22.7	23.4	22.5	22.2	23.9	22.8	---	23.4	25.2	23.5	23.6	22.3	21.3	23.4	23.2 <u>1/2/</u>	23.0
Petite Verdot	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.9 <u>1/</u>	---
Pinot Noir	21.4	---	22.6	21.4	23.1	21.2	22.5	21.5	---	---	---	---	---	---	---	---	---	22.0 <u>1/</u>	21.9
Pinot St. George	21.0	---	23.0	22.7	---	19.9	22.3	---	---	---	---	---	---	---	---	---	---	22.3	22.2
Refosco/Mondeuse	21.2	---	21.4	21.7	---	---	---	---	---	---	---	---	---	---	---	---	---	21.5	22.1
Royalty	---	---	---	---	---	---	---	---	---	---	20.0	22.0	22.5	22.3	---	---	---	22.4	21.8
Rubired	---	---	---	---	---	---	---	---	---	---	22.9	23.4	22.9	22.7	19.9	---	---	22.9	22.3
Ruby Cabernet	---	---	23.1	22.3	---	18.7	22.1	---	23.8	---	22.5	23.5	23.5	24.3	---	---	---	23.7 <u>1/</u>	22.6
Salvador	---	---	---	---	---	20.9	---	---	---	---	---	---	22.4	21.5	24.6	---	---	21.6	20.5
Souzao	---	---	---	---	---	---	---	---	---	---	---	25.6	24.2	---	---	---	---	25.3	25.2
St. Macaire	---	---	---	---	---	20.8	---	---	---	---	23.2	23.5	---	---	---	---	---	23.4	22.7
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<u>1/</u>	23.6
Tinta Madeira	---	---	---	---	---	---	21.2	---	---	---	---	23.0	21.3	22.6	---	---	---	22.4	23.4
Touriga	---	---	---	---	---	---	---	---	---	---	---	---	23.5	---	---	---	---	23.5	24.5
Valdepeñas	---	---	---	---	---	---	---	---	---	---	---	23.4	23.4	23.3	---	---	---	23.4	23.0
Zinfandel	22.3	22.8	23.0	23.0	23.6	23.6	22.7	23.8	21.5	23.5	23.1	22.6	25.5	19.8	23.5	22.4	21.2	22.9	22.6
Other Black	---	---	22.5	22.6	---	---	---	---	---	---	19.4	---	23.0	---	23.4	---	---	22.9 <u>1/</u>	21.3
TOTAL BLACK	22.2	22.8	22.9	22.4	22.5	22.3	22.3	23.1	22.5	23.5	23.0	22.5	21.9	22.3	23.7	22.1	22.6	22.3 <u>1/</u>	22.1
TOTAL WINE	21.8	22.5	22.6	22.4	22.4	21.3	22.2	22.5	22.1	23.4	22.2	21.7	21.3	21.0	22.6	21.7	21.8	21.6	21.2
TOTAL ALL VARIETIES	21.8	22.5	22.6	22.4	22.4	21.3	22.2	22.5	22.1	23.4	20.4	21.7	21.3	20.8	22.6	21.7	21.8	21.3	20.6

1/ Some districts or State totals for this variety are less than 25 tons.

2/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations, but they are included in the district and State sum totals.

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10
----- Dollars -----										
RAISIN GRAPES:										
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---
Muscats	---	---	---	459.04	---	---	---	---	---	---
Sultanas	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	200.00	---
Other Raisin	---	---	---	---	---	---	---	---	---	---
TOTAL RAISIN	---	---	---	459.04	---	---	---	---	200.00	---
TABLE GRAPES:										
Almeria	---	---	---	---	---	---	---	---	---	---
Black Monukka	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---
Concord	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---
Emperor	---	---	---	---	---	---	---	---	---	---
Exotic	---	---	---	---	---	---	---	---	---	---
Flame Seedless	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---
Queen	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---
Rish Baba	---	---	---	---	---	---	---	---	---	---
Ruby Seedless	---	---	---	---	---	---	---	---	---	---
Scarlet	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---
Other Table	---	---	---	---	---	---	---	---	---	---
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---
WINE GRAPES (White):										
Burger	---	---	318.14	319.98	---	---	---	---	---	---
Chardonnay	1,125.52	---	1,083.49	1,364.09	578.49	928.54	907.53	942.15	712.42	789.27
Chenin Blanc	559.66	536.12	555.71	627.36	378.96	610.07	549.21	543.28	306.97	540.27
Emerald Riesling	---	---	---	---	---	529.05	400.00	303.16	288.71	---
Feher Szagos	---	---	---	---	---	---	---	---	---	---
Flora	382.58	---	381.75	400.25	400.00	---	---	---	---	---
Folle Blanche	---	---	---	---	---	---	---	---	---	---
French Colombard	387.43	---	405.38	408.93	357.67	378.81	388.13	400.00	267.02	---
Furmint	---	---	---	---	---	---	---	---	---	---
Gewürztraminer	732.19	---	737.03	759.08	---	---	696.57	668.97	---	---
Gray Riesling	561.53	---	502.62	544.42	307.21	558.44	503.58	487.25	275.00	---
Green Hungarian	466.83	---	471.48	440.12	---	450.00	---	---	---	---
Inzolia	---	---	---	---	---	---	---	---	---	---
Kleinberger	---	---	425.00	---	---	---	---	---	---	---
Malvasia Bianca	---	---	---	---	---	575.09	425.00	---	---	---
Muscadelle du Bordelais	---	---	---	---	---	---	---	---	---	---
Muscat Blanc	---	550.00	---	790.07	---	---	417.42	575.26	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---
Palomino	275.00	---	277.07	283.13	205.58	---	---	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---
Peperella	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	---	---	844.20	795.91	---	709.62	591.16	---	258.50	---
Sauvignon Blanc	881.89	853.87	898.64	998.80	462.56	---	661.25	733.56	430.91	566.26
Sauvignon Vert	---	---	327.95	341.30	---	338.15	---	---	---	---
Sémillon	---	---	507.90	661.44	---	416.84	461.42	417.44	375.23	---
St. Émilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---
Sylvaner	510.00	---	518.43	424.97	---	455.69	460.00	450.00	---	---
Traminer	---	---	---	399.67	---	---	---	---	---	---
White Riesling	597.69	529.81	618.83	690.96	---	649.09	606.46	595.71	283.82	---
Other White	---	---	278.59	282.96	---	275.00	---	---	---	---
TOTAL WHITE	587.79	684.91	716.07	857.77	386.95	514.61	578.78	655.41	326.84	613.78

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	1981						1980		
	11	12	13	14	15	16	17	State Total	State Total
Dollars									
RAISIN GRAPES:									
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	150.00
Muscats	225.00	---	207.92	206.72	---	---	---	207.94 ^{1/}	156.54
Sultanas	---	---	200.26	---	---	---	---	200.26	144.25
Thompson Seedless	215.00	200.64	199.94	200.21	---	---	---	200.04 ^{1/}	143.99
Other Raisin	---	---	103.92	---	---	---	---	103.92	61.59
TOTAL RAISIN	220.02	200.64	197.94	201.16	---	---	---	198.85	143.57
TABLE GRAPES:									
Almeria	---	---	---	185.53	---	---	---	181.32 ^{1/}	78.31
Black Monukka	---	---	---	---	---	---	---	---	104.18
Black Morocco	---	---	---	---	---	---	---	1/	1/
Black Prince	---	---	---	---	110.00	---	---	113.05 ^{1/}	99.02
Blackrose	160.00	---	155.00	130.00	---	---	---	145.43	---
Calmeria	---	---	161.56	178.17	---	---	---	172.97	91.99
Cardinal	---	---	83.43	117.81	---	---	---	112.66	95.35
Concord	---	---	---	---	---	---	---	2/	225.00
Cornichon	---	---	---	---	---	---	---	---	100.00
Emperor	---	---	143.94	146.54	---	---	---	145.87	71.94
Exotic	---	---	---	115.84	---	---	---	115.84	57.75
Flame Seedless	---	---	116.15	---	---	---	---	120.01 ^{2/}	---
Golden Muscat	---	---	---	---	---	---	---	---	144.02
Italia	---	---	205.27	191.53	---	---	---	199.02	133.85
Perlette	---	---	---	---	---	---	---	---	150.00
Queen	---	---	104.50	145.42	---	---	---	126.29	83.26
Red Malaga	---	---	93.89	100.00	---	---	---	98.97 ^{1/}	97.37
Ribier	---	---	99.63	121.93	---	---	---	115.88 ^{1/}	81.85
Rish Baba	---	---	---	---	---	---	---	1/	1/
Ruby Seedless	---	---	98.00	---	---	---	---	98.00	73.30
Scarlet	140.00	---	---	---	---	---	---	140.00	---
Superior Seedless	---	---	---	150.00	---	---	---	150.00	105.00
Tokay	209.99	210.00	---	200.00	---	---	---	209.90 ^{1/}	173.02
White Malaga	---	200.00	198.90	191.82	150.00	---	---	196.61	145.59
Other Table	---	---	129.28	---	---	---	---	129.18 ^{1/}	57.89
TOTAL TABLE	209.90	203.62	177.65	159.76	122.15	---	---	194.69 ^{1/}	144.09
WINE GRAPES (White):									
Burger	206.73	---	200.00	182.37	173.15	---	---	205.03 ^{1/}	184.48
Chardonnay	553.97	335.00	---	277.07	---	650.48	450.00	1,096.06 ^{1/}	905.30
Chenin Blanc	305.35	280.24	262.90	242.31	---	488.63	345.67	313.33 ^{2/}	281.16
Emerald Riesling	251.39	261.52	254.35	221.43	---	300.00	---	242.01 ^{1/}	207.80
Feher Szagos	---	---	200.14	---	---	---	---	200.14	149.02
Flora	---	---	---	200.00	---	---	---	247.03	221.28
Folle Blanche	---	---	---	---	---	---	---	1/	1/
French Colombard	282.71	264.55	254.57	234.78	245.00	---	290.79	261.41	233.46
Furmint	---	---	---	---	---	---	---	1/	---
Gewürztraminer	---	---	---	---	---	---	---	716.16 ^{1/2/}	740.21
Gray Riesling	286.60	---	---	204.45	---	---	328.95	434.87	403.24
Green Hungarian	350.00	325.00	---	201.94	---	---	---	355.97 ^{1/}	302.53
Inzolia	---	---	---	200.00	---	---	---	200.00	150.00
Kleinberger	---	---	---	---	---	---	---	425.00	1/
Malvasia Bianca	180.00	215.94	273.05	250.00	110.00	---	---	302.52 ^{1/}	209.35
Muscadelle du Bordelais	---	---	210.00	---	---	---	---	210.00	1/
Muscat Blanc	---	---	274.94	262.50	210.00	---	---	317.66 ^{1/2/}	269.62
Orange Muscat	---	---	286.99	---	---	---	---	286.99	253.29
Palomino	200.00	201.38	197.50	200.00	162.37	---	---	197.98 ^{1/}	156.45
Pedro Ximenes	---	---	---	191.65	125.00	---	---	183.81	143.85
Peverella	---	---	---	200.00	---	---	---	200.00	151.37
Pinot Blanc	---	265.00	---	---	---	437.84	---	562.20 ^{1/2/}	517.96
Sauvignon Blanc	366.06	274.26	240.21	---	700.00	630.00	382.70	640.10 ^{1/}	492.13
Sauvignon Vert	---	---	---	190.00	---	---	---	300.15 ^{1/}	276.72
Sémillon	373.75	265.21	252.67	214.54	---	---	---	296.51 ^{1/}	237.75
St. Émilion (Ugni Blanc)	---	204.18	205.30	213.74	---	410.00	---	207.93	170.53
Sylvaner	---	262.88	---	215.00	---	---	---	405.60	380.27
Traminer	---	---	---	---	---	---	---	399.67	395.83
White Riesling	---	231.09	---	213.34	---	479.57	---	578.79 ^{1/}	551.85
Other White	159.91	265.00	154.41	---	---	---	---	245.85 ^{1/}	287.11
TOTAL WHITE	285.20	266.65	252.04	231.81	172.85	512.86	337.16	337.70 ^{1/}	287.11

^{1/} Some districts or State totals for this variety are less than 25 tons.

^{2/} Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are included in the district and State sum totals.

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Dollars									
WINE GRAPES (Black):										
Aleatico	---	---	---	---	---	---	---	---	---	---
Alicante Bouschet	---	---	283.08	---	---	250.00	---	---	---	---
Almission	---	---	---	---	---	---	---	---	---	---
Aramon	---	---	---	---	---	---	---	---	---	---
Barbera	400.00	---	413.15	---	---	---	---	295.19	160.84	384.62
Beclan	---	---	---	---	---	---	---	---	---	---
Black Malvoisie	---	---	---	---	---	---	---	---	---	---
Blaue Elbe	---	---	---	---	---	---	---	---	---	---
Cabernet Franc	---	---	---	1,126.80	---	---	---	---	---	---
Cabernet Sauvignon	554.75	440.36	568.20	798.79	374.98	645.61	406.98	448.79	241.91	570.02
Carignane	292.66	---	334.10	319.72	216.42	238.86	---	---	---	---
Carmine	---	---	---	---	---	---	---	---	---	---
Carmelian	---	---	---	---	---	---	350.00	---	126.68	---
Centurian	---	---	---	---	---	---	225.00	---	---	---
Charbono	442.49	---	---	474.83	---	---	---	---	---	---
Early Burgundy	348.27	---	360.54	383.30	252.54	---	274.68	---	---	---
Gamay (Napa)	429.69	342.06	432.66	427.18	332.10	207.21	288.20	381.68	156.48	---
Gamay Beaujolais	447.73	---	335.94	481.66	---	386.53	237.10	385.82	---	---
Grand Noir	---	---	---	286.50	---	---	---	---	---	---
Grenache	338.81	---	318.49	352.52	---	214.34	354.92	---	180.00	---
Grignolino	---	---	---	---	---	250.00	---	---	---	---
Malbec	---	---	---	---	---	---	---	---	---	---
Mataro	---	---	---	---	---	241.10	---	---	---	---
Merlot	476.16	---	513.73	698.89	---	---	368.24	459.15	221.84	---
Mission	---	---	---	---	---	---	---	---	---	307.27
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---
Nebbiolo	---	---	---	---	---	---	---	---	---	---
Perelli 101	---	---	---	---	---	---	---	---	---	---
Petite Sirah	403.18	---	474.98	480.47	365.11	346.83	309.68	437.33	219.80	---
Petite Verdot	---	---	---	---	---	---	---	---	---	---
Pinot Noir	375.22	---	431.91	602.23	313.94	483.94	281.25	326.43	---	---
Pinot St. George	385.00	---	463.78	452.97	---	250.00	267.55	---	---	---
Refosco/Mondeuse	321.97	---	334.02	338.75	---	---	---	---	---	---
Royalty	---	---	---	---	---	---	---	---	---	---
Rubired	---	---	---	---	---	---	---	---	---	---
Ruby Cabernet	---	---	410.80	354.77	---	268.75	208.67	---	188.78	---
Salvador	---	---	---	---	---	250.00	---	---	---	---
Souzao	---	---	---	---	---	---	---	---	---	---
St. Macaire	---	---	---	---	---	250.00	---	---	---	---
Syrah French Syrah-Shiraz	---	---	---	---	---	---	---	---	---	---
Tinta Madeira	---	---	---	---	---	---	375.00	---	---	---
Touriga	---	---	---	---	---	---	---	---	---	---
Valdepenas	---	---	---	---	---	---	---	---	---	---
Zinfandel	522.11	403.08	553.14	550.56	336.83	528.42	378.19	423.41	219.90	481.44
Other Black	---	---	297.54	370.11	---	---	---	---	---	---
TOTAL BLACK	411.43	414.90	490.75	641.50	322.04	412.81	333.29	415.48	210.33	476.50
TOTAL WINE	482.35	484.02	585.37	743.97	343.76	460.95	459.10	549.27	247.27	486.40
TOTAL ALL VARIETIES	482.35	484.02	585.37	743.69	343.16	460.95	459.10	549.27	246.74	486.51

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1981 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	1981							1980	
	11	12	13	14	15	16	17	State Total	State Total
	----- Dollars -----								
WINE GRAPES (Black):									
Aleatico	---	---	204.00	---	123.13	---	---	164.04	139.34
Alicante Bouschet	---	116.31	117.45	113.92	100.00	---	---	136.36 ^{1/2/}	76.90
Almission	---	---	---	---	---	---	---	---	100.00
Aramon	---	---	---	---	---	---	---	1/	96.15
Barbera	204.94	194.02	162.21	136.71	---	---	220.00	163.17 ^{1/}	127.45
Beclan	---	---	---	90.00	---	---	---	90.00	107.57
Black Malvoisie	172.03	150.00	122.07	112.55	---	---	---	124.05 ^{1/}	114.89
Blaue Elbe	---	---	---	---	124.00	---	---	124.00	101.93
Cabernet Franc	---	---	---	---	---	---	---	1,120.15 ^{1/}	554.63
Cabernet Sauvignon	289.70	201.89	142.87	125.67	250.00	279.31	253.76	499.51	405.47
Carignane	188.22	166.32	147.94	130.21	121.66	---	---	170.67 ^{1/}	134.75
Carmine	---	---	125.00	---	---	---	---	132.99 ^{1/}	75.00
Carnelian	176.00	155.92	154.39	125.58	---	---	---	150.45	97.80
Centurian	176.00	---	160.54	125.00	---	---	---	156.81	105.42
Charbono	---	---	---	---	---	---	---	463.59 ^{1/}	425.85
Early Burgundy	---	---	---	---	---	---	206.20	303.42	278.88
Gamay (Napa)	186.94	142.10	149.25	125.00	---	---	195.22	310.33	275.01
Gamay Beaujolais	---	---	---	128.80	---	---	---	240.53 ^{1/}	303.84
Grand Noir	---	---	---	---	---	---	---	286.50	318.89
Grenache	175.23	174.01	162.20	141.73	110.83	---	---	163.00 ^{1/}	131.63
Grignolino	---	---	---	---	---	---	---	255.24 ^{1/}	227.14
Malbec	---	181.50	---	---	---	---	---	182.56 ^{1/}	206.57
Mataro	---	---	---	---	116.24	---	---	135.26 ^{1/}	124.60
Merlot	150.00	---	---	---	---	---	273.10	490.00 ^{1/2/}	431.98
Mission	171.63	154.23	147.42	133.59	124.09	---	---	140.14 ^{1/}	117.66
Muscat Hamburg	---	---	---	---	---	---	---	497.33 ^{1/}	234.64
Nebbiolo	---	170.50	---	122.01	---	---	---	160.20	115.93
Perelli 101	---	---	---	118.40	---	---	---	118.40	65.40
Petite Sirah	226.65	152.81	148.55	125.73	100.00	234.96	244.41	250.72 ^{1/2/}	186.63
Petite Verdot	---	---	---	---	---	---	---	1/	---
Pinot Noir	---	---	---	---	---	---	---	457.94 ^{1/}	421.51
Pinot St. George	---	---	---	---	---	---	---	310.08	326.45
Refosco/Mondeuse	---	---	---	---	---	---	---	332.30	339.70
Royalty	150.00	125.32	124.10	127.85	---	---	---	125.62	114.41
Rubired	119.86	125.00	124.95	123.79	100.00	---	---	124.38	111.16
Ruby Cabernet	187.89	172.20	148.24	129.35	---	---	---	150.01 ^{1/}	115.09
Salvador	---	---	124.08	124.33	122.18	---	---	124.65	104.24
Souzao	---	162.09	200.00	---	---	---	---	168.93	124.37
St. Macaire	176.00	164.79	---	---	---	---	---	169.11	132.88
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	1/	477.88
Tinta Madeira	---	163.70	145.44	139.25	---	---	---	173.58	131.02
Touriga	---	---	125.00	---	---	---	---	125.00	100.00
Valdepeñas	---	157.19	125.00	135.00	---	---	---	149.64	111.34
Zinfandel	231.66	192.09	120.00	93.49	109.21	249.37	206.04	329.08	261.49
Other Black	150.00	---	124.60	---	106.27	---	---	181.16 ^{1/}	113.47
TOTAL BLACK	216.75	173.38	151.94	131.08	119.46	259.55	229.31	212.91 ^{1/}	163.07
TOTAL WINE	240.15	214.35	195.11	179.84	133.93	475.08	299.15	268.41	210.22
TOTAL ALL VARIETIES	225.45	213.42	195.65	183.34	133.84	475.08	299.15	249.36	189.52

^{1/} Some districts or State totals for this variety are less than 25 tons.

^{2/} Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are included in the district and State sum totals.

TABLE 7: Tons of grapes purchased by California wineries for distilling material other than beverage brandy from the 1981 and 1980 crops by type, and variety

Type and Variety	Net Weight Distilled (tons)		Average Degrees Brix Distilling		Average Price Per Ton (dollars)	
	1981	1980	1981	1980	1981	1980
RAISIN GRAPES:						
Muscats	---	84.5	---	21.8	---	74.85
Sultanas	---	52.2	---	20.2	---	70.70
Thompson Seedless	300.3	2,809.9	20.5	18.1	100.31	60.96
Other Raisin	360.6	2,004.4	16.4	14.6	39.74	37.60
TOTAL RAISIN	660.9	4,951.0	18.2	16.8	67.26	51.84
TABLE GRAPES:						
Calmeria	1/	165.0	1/	20.2	1/	56.54
Cardinal	189.2	281.4	18.5	19.0	58.32	64.77
Emperor	45.7	63.2	14.7	18.1	69.54	56.99
Exotic	88.1	43.0	20.6	22.1	98.99	66.27
Flame Seedless	57.1	---	27.3	---	150.00	---
Italia	1/	---	1/	---	1/	---
Queen	1/	30.9	1/	16.7	1/	49.98
Red Malaga	41.4	1/	17.4	1/	48.92	1/
Ribier	205.1	159.9	21.3	18.0	92.62	53.50
Tokay	---	821.5	---	20.4	---	70.37
White Malaga	31.3	98.7	21.8	20.5	108.47	71.79
Other Table	1/	603.7	1/	18.2	1/	39.89
TOTAL TABLE	684.3	2,304.9	20.2	19.4	86.59	58.44
WINE GRAPES (White):						
Burger	1/	1/	1/	1/	1/	1/
Chenin Blanc	1/	690.9	1/	19.6	1/	65.40
French Colombard	288.6	230.5	20.8	19.5	100.0	66.88
Muscat Blanc	185.6	140.7	25.0	20.0	50.00	39.48
Palomino	1/	133.2	1/	17.0	1/	57.55
St. Émilion (Ugni Blanc)	1/	---	1/	---	1/	---
Sauvignon Blanc	36.6	170.3	22.2	20.2	100.00	70.70
White Riesling	1/	---	1/	---	1/	---
Other White	50.7	675.0	29.0	18.7	50.00	55.76
TOTAL WHITE	616.2	2,150.0	22.9	19.2	81.05	60.55
WINE GRAPES (Black):						
Alicante Bouschet	193.1	61.7	23.7	15.9	50.40	45.92
Barbera	87.2	1,281.6	21.2	21.6	95.99	73.94
Black Malvoisie	25.6	---	12.2	---	100.00	---
Cabernet Sauvignon	431.3	822.3	23.5	24.7	91.17	78.98
Carignane	541.3	5,850.2	22.5	23.0	73.18	73.39
Carnelian	---	2,423.1	---	22.4	---	70.87
Gamay (Napa)	42.7	1,318.3	23.9	20.7	100.00	72.71
Gamay Beaujolais	52.4	93.3	22.4	21.6	100.00	75.75
Grenache	55.2	2,155.5	21.7	20.3	91.58	68.37
Mission	---	98.9	---	22.5	---	78.79
Nebbiolo	---	41.2	---	24.3	---	85.05
Petite Sirah	94.2	6,076.7	23.2	22.9	100.00	80.48
Pinot Noir	---	87.1	---	21.8	---	76.25
Rubired	---	963.8	---	21.3	---	79.28
Ruby Cabernet	114.2	5,172.6	25.3	23.1	81.52	75.74
Salvador	---	997.2	---	23.9	---	82.65
Tinta Madeira	---	28.5	---	23.8	---	83.30
Valdepeñas	---	47.6	---	18.4	---	80.00
Zinfandel	800.6	4,673.3	24.6	22.5	90.82	71.77
Other Black	410.2	2,678.5	23.1	19.4	65.21	51.96
TOTAL BLACK	2,848.0	34,880.3	23.4	22.3	81.58	73.19
TOTAL WINE	3,464.2	36,985.3	23.3	22.1	81.49	72.47
TOTAL ALL VARIETIES	4,809.4	44,241.2	22.2	21.4	80.26	69.43

1/ Total reported tonnage for this variety was less than 25 tons.

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
Dollars Per Ton				Dollars Per Ton				Dollars Per Ton				Dollars Per Ton			
Code a/				Code a/				Code a/				Code a/			
Percent				Percent				Percent				Percent			
DISTRICT 3 (Cont'd)															
<u>Gewurztraminer</u> (Cont'd)	700.00	2480	2.2	<u>Sauvignon Blanc</u> (Cont'd)	725.00	4722	.3	<u>White Riesling</u> (Cont'd)	500.00	0110	.1	<u>Cabernet Sauvignon</u> (Cont'd)	500.00	4660	.2
	725.00	0010	.8		750.00	0010	.3		500.00	0353	1.4		500.00	4663	1.6
	725.00	0075	.2		785.12	0010	5.2		520.00	0010	1.9		500.00	4700	4.5
	750.00	0010	3.0		800.00	0010	3.1		550.00	0010	.8		500.00	5125	25.6
	800.00	0010	2.7		800.00	4634	.4		550.00	0120	1.9		550.00	0010	1.0
	800.00	0062	2.4		835.00	0010	1.3		550.00	1660	4.5		550.00	0040	.5
	800.00	2650	1.7		848.00	0010	4.6		550.00	2440	.6		550.00	0275	.1
	800.00	5440	1.7		850.00	0010	10.3		550.00	2460	.1		600.00	0010	1.4
	810.99	2650	2.2		850.00	0237	2.5		597.00	2620	1.1		600.00	0225	.6
	817.00	2650	.5		850.00	1153	.4		600.00	3466	.8		600.00	3953	.4
	818.00	2650	.7		850.00	1690	10.3		600.00	0010	6.2		600.00	4510	.5
	840.00	0010	.1		850.00	2540	.2		600.00	0950	2.1		600.00	1540	.9
	842.50	0350	.2		850.00	2650	5.2		600.00	2440	1.3		600.00	4550	.1
	842.50	2650	1.9		850.00	2835	2.1		600.00	3085	17.8		600.00	4667	.2
	1,672.91	0350 d/	.4		850.00	3810	.7		600.00	4143	1.0		600.00	4663	.3
					850.00	4540	2.4		615.00	0010	3.0		600.00	4730	.2
<u>Gray Riesling</u>	400.00	0725	7.9		850.00	4730	.1		625.00	0010	.7		600.00	4820	.3
	450.00	2440	.3		862.50	2650	1.4		625.00	0120	.7		600.00	4825	.2
	475.00	0980	16.7		865.00	0010	1.3		625.00	1880	1.5		600.00	4842	2.0
	475.00	1085	2.6		865.00	2650	5.6		625.00	2040	27.5		600.00	5090	.3
	500.00	0010	5.0		875.00	0010	1.6		625.00	4610	3.0		600.00	5600	2.7
	500.00	1650	1.7		875.00	0040	1.6		625.00	2440	1.5		600.00	7100	.3
	548.55	3600	1.8		875.00	0045	2.0		650.00	2440	1.8		600.00	7000	.5
	565.00	0010	18.6		935.00	2390	1.7		650.00	0010	2.4		600.00	812.00	5.0
					935.00	2440	5.2		650.00	0120	2.4		600.00	824.12	.1
<u>Green Hungarian</u>	325.00	0980	15.2		950.00	0010	.9		710.99	0010	2.2		650.00	0010	b/
	475.00	0010	3.6		965.00	0010	.2		718.00	0010	3.3		650.00	0010	b/
	475.00	0450	7.5		1,000.00	0010	4.7		762.50	0010	3.7		650.00	0225	.4
	475.00	1130	73.7		1,070.00	0010	4.0		808.02	0010	.3		650.00	4510	.1
									844.78	0010	.2		660.00	0010	.3
<u>Kleinberger</u>	425.00	0100	100.0		<u>Sauvignon Vert</u>	300.00	.3		944.78	0010	1.1		660.00	4850	.1
	600.00	0010	5.0			310.00	0940	14.8	1,388.40	0350 d/	.5		660.00	7725	.1
	650.00	0010	14.1			325.00	0010	3.8					670.00	0010	.2
	650.00	2650	20.5			325.00	0675	9.1					674.83	7585	.2
	650.00	3945	14.9			325.00	0940	3.8					675.00	0010	.1
	666.67	0175	10.1			325.00	0950	1.2					700.00	4730	.1
	700.00	0010	21.0			325.00	0880	63.8					700.00	4730	.1
	700.00	0225	9.4			325.00	2630	2.5					700.00	4825	.4
	880.00	0010	5.0			548.55	4050	.7					712.50	0010	b/
													720.00	0010	.7
<u>Palomino</u>	200.00	0010	.6		<u>Semillon</u>	400.00	0980	20.3					725.00	0010	.4
	275.00	0940	34.1			400.00	1085	4.0					750.00	0010	.1
	275.00	0980	46.8			425.00	2620	7.2					750.00	7340	.4
	275.00	2440	1.6			425.00	2630	6.3					750.00	0010	.7
	275.00	2620	11.3			450.00	0010	4.7					780.00	0010	.1
	300.00	0010	3.7			450.00	1640	3.2					782.50	0010	.1
	325.00	0020	1.9			450.00	2540	.1					800.00	0010	.1
						450.00	2620	3.8					800.00	0010	.1
<u>Pinot Blanc</u>	762.50	4730	11.0			500.00	0010	11.9					825.00	0010	.2
	850.00	0010	89.0			500.00	0010	15.2					850.00	0195	.1
						581.00	0010	14.3					850.00	0010	.5
						600.00	0035	9.0					900.00	0010	.6
						400.00	0010	2.1					900.00	7340	.3
<u>Sauvignon Blanc</u>	600.00	4634	2.4		<u>Sylvaner</u>	400.00	0010	65.1					950.00	0010	.1
	625.00	0980	6.6			445.32	2440	1.8					1,050.00	0010	.3
	680.00	0010	4.8			450.00	0670	12.1					1,065.00	0010	.1
	692.00	4612	1.8			450.00	2440	10.0					1,090.00	0010	.1
	700.00	2620	.5			450.00	2630	8.9					1,200.00	0010	.1
	700.00	2650	.4			525.00	0953	6.4					250.00	4660	.6
	725.00	3190	1.5			385.00	0010	1.2					250.00	4663	.5
	725.00	4611	1.7			425.00	0010	1.1					275.00	0010	b/

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
				DISTRICT 3 (Cont'd)											
				Dollars Per Ton				Dollars Per Ton				Dollars Per Ton			
				Code a/				Code a/				Code a/			
<u>Carignane (Cont'd)</u>	275.00	4166	3.8	Merlot (Cont'd)	450.00	0010	1.9	Pinot Noir (Cont'd)	400.00	4660	3.6	Ruby Cabernet (Cont'd)	325.00	4550	15.5
	275.00	4614	.6		450.00	0040	5.9		400.00	4663	9.9		900.00	0010	12.5
	275.00	4660	1.6		450.00	4660	12.5		400.00	4695	2.0				
	275.00	5116	.1		450.00	5125	23.9		425.00	0010	.1	Zinfandel	300.00	0010	.2
	300.00	4540	13.4		475.00	4540	.3		425.00	0040	9.4		300.00	0040	.1
	300.00	4655	13.9		475.00	4820	.3		425.00	1750	.1		400.00	0010	.1
	300.00	5125	64.1		475.00	4841	6.2		425.00	3952	.6		450.00	0040	.8
	300.00	7200	.3		480.00	0010	.8		425.00	4510	.3		450.00	4110	b
	350.00	0010	1.1		500.00	4540	9.9		425.00	4550	.2		450.00	4654	10.7
	300.00	4663	.6		500.00	4838	3.6		425.00	4660	.2		470.00	4654	5.2
	325.00	0010	.6		550.00	0045	1.0		425.00	4666	1.3		450.00	4959	.3
	325.00	4168	34.2		575.00	0010	.5		425.00	4663	.1		500.00	0010	b
325.00	4655	19.9		585.00	7341	2.5		440.00	0010	1.7		500.00	0010	.1	
325.00	4690	12.6		600.00	5100	.1		450.00	0010	b/		500.00	0040	.2	
325.00	4840	1.5		650.00	0010	.9		453.00	0010	.2		500.00	3952	.2	
350.00	4540	8.5		650.00	0210	.7		465.00	0010	.6		500.00	4510	1.0	
350.00	5125	22.1		662.50	0010	.3		467.50	0010	1.8		500.00	4540	4.0	
	0010	4.4		700.00	0010	1.6		467.50	0010	.1		500.00	4550	.9	
<u>Gamay (Napa)</u>	300.00	4637	2.7		750.00	0010	4.2		500.00	0040	.6		500.00	4655	13.9
	385.00	4158	.7	<u>Petite Sirah</u>	385.00	4158	9.4		500.00	0040	.3		500.00	4660	4.3
	400.00	0010	.6		400.00	0010	2.9		506.38	4955	.1		500.00	4663	1.0
	400.00	2620	7.6		400.00	4540	1.6		510.00	0010	.1		500.00	4842	1.6
	400.00	2621	4.0		400.00	4634	.2		550.00	0195	.2		500.00	4970	.1
	400.00	2820	.9		400.00	4660	1.7		550.00	0010	.4		500.00	4970	.1
	400.00	4540	1.1		400.00	4730	4.4		575.00	0010	.2		500.00	5115	.1
	419.00	0010	14.3		400.00	4842	2.8		600.00	0010	1.4		500.00	5116	1.2
	425.00	2440	6.2		425.00	4655	14.9		600.00	0160	b/		500.00	5125	43.0
	425.00	2600	2.6		425.00	4695	11.7		606.13	4540	1.1		500.00	5125	.3
	425.00	3390	34.9		425.00	4970	.1		610.00	4713	.1		500.00	7345	.4
	450.00	0030	9.7		425.00	5116	1.7		617.55	0195	.3		550.00	0010	.2
	456.87	0010	2.1		425.00	5125	47.2		625.00	0010	2.5		550.00	0040	b
<u>Gamay Beaujolais</u>	300.00	1600	42.5		520.62	0010	3.5		660.00	0010	b/		550.00	0217	1.3
	325.00	4168	34.6		550.00	0010	.2		700.00	0010	.1		550.00	0225	.3
	350.00	0010	3.9		550.00	5160	1.1		709.97	0010	3.7		567.00	5100	.1
	350.00	0115	1.2		600.00	0010	.5		800.00	0010	.4		575.00	0010	.1
	382.50	2647	3.6		900.00	0010	.7		836.01	0010	4.3		600.00	0010	1.8
	382.50	3940	1.3	<u>Pinot Noir</u>	300.00	1600	29.1		850.00	0010	.4		600.00	0210	.4
	390.00	0010	8.6		300.00	4634	1.6		1,200.00	0010	.1		612.50	0010	.8
	426.30	0460	3.3		325.00	4168	12.4						640.00	0010	.1
	426.91	7580	.8		325.00	5265	.3		350.00	5125	13.1		643.63	0010	.3
	600.00	0010	3.2		340.00	0010	b/		375.00	4663	2.2		650.00	4575	.1
<u>Grenache</u>	250.00	4690	3.9		350.00	0010	.9		375.00	4690	47.4		650.00	6040	1.1
	275.00	4166	45.3		350.00	0040	1.2		450.00	0040	37.3		650.00	0010	.3
	300.00	5125	50.8		350.00	0115	.1		450.00	4690	76.1		675.00	0010	.1
	400.00	0010	5.4		350.00	0223	.1		450.00	4540	5.7		700.00	0010	.2
	400.00	0040	10.7		350.00	4634	.2		350.00	4655	5.1		712.50	0010	.1
<u>Merlot</u>	400.00	0010	7.0		374.00	4655	1.6		350.00	5125	13.1		725.80	0010	.1
	400.00	4663	7.0		400.00	0010	2.0		350.00	4655	18.2		750.00	0010	.4
	415.00	4607	1.8		400.00	4634	.4		300.00	4655	53.8		800.00	0010	.5
					400.00	0150	2.0		300.00	5125			900.00	0010	.5
													1,000.00	0010	b

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent
DISTRICT 4 (Cont'd)															
Pinot Noir (Cont'd)	425.00	4842	.1	Pinot Noir (Cont'd)	650.00	0010	.3	Ruby Cabernet	300.00	4655	13.6	Zinfandel (Cont'd)	550.00	7710	1.7
	450.00	0040	1.1		700.00	0010	1.1		300.00	5110	54.2		567.00	5100	.6
	453.00	0010	1.7		725.00	0010	5.9		450.00	0040	32.2		575.00	0010	.1
	500.00	0010	6.7		750.00	0010	1.8						600.00	0010	1.4
	500.00	0040	3.0		750.00	0040	1.4	Zinfandel	450.00	0010	.5		625.00	0010	.4
	510.00	4510	1.1		796.88	7220	1.5		450.00	0040	2.9		650.00	0010	.9
	500.00	4738	.8		816.25	0010	.2		475.00	4510	17.6		650.00	0010	.9
	510.00	0010	6.5		900.00	0010	.3		475.00	4540	14.3		675.00	0010	.3
	530.00	4520	.7		1,000.00	0010	.6		493.00	0010	9.1		685.00	0010	.9
	550.00	0010	.3		1,000.00	0210	.3		495.00	4968	13.5		700.00	0010	2.0
	570.00	0010	9.5		1,100.00	0010	1.5		500.00	0010	3.4		715.00	0010	.2
	575.00	0010	.2		1,200.00	0010	.7		500.00	0040	6.3		750.00	0010	2.4
	600.00	4520	b/						500.00	0518	.5		760.00	0010	.2
	612.50	0010	1.1	Pinot St. George	425.00	4655	100.0		500.00	4655	13.4		780.00	0010	.2
	625.00	0010	26.1	Refosco/Mondeuse	350.00	4540	7.2		500.00	5020	1.1		800.00	0010	1.7
	637.00	0010	.1		350.00	4655	24.7		534.07	0040	1.1		850.00	0010	.3
	637.50	7220	7.5		350.00	5110	68.1		550.00	0010	1.3		875.00	0010	1.0
	648.51	4520	.3						550.00	5137	b/		913.69	0010	.4
									550.00	7330	.1		990.00	0010	.3
DISTRICT 5															
WINE GRAPES (White)															
Chardonnay	370.00	0010	12.4	French Colombar (Cont'd)	325.00	2620	4.1	Cabernet	250.00	6065	10.7	Gamay (Napa) (Cont'd)	350.00	2600	4.4
	450.00	4660	6.3		400.00	0010	19.5	Sauvignon	325.00	0010	2.9		350.00	2621	48.5
	600.00	0010	3.1		300.00	2620	46.5		375.00	4663	86.4		425.00	0010	6.2
	609.00	0010	39.1		400.00	1085	3.4								
	619.50	0010	39.1					Carignane	150.00	4510	31.4	Petite Sirah	200.00	4510	1.3
Chenin Blanc	325.00	2620	3.2		175.00	0940	35.9		225.00	0010	1.5		220.00	0010	1.3
	350.00	3965	21.3		200.00	0940	44.7		225.00	0010	60.2		270.00	0010	11.3
	375.00	0010	22.1		275.00	0010	19.4		225.00	4655	6.9		350.00	4655	42.5
	380.00	0010	49.8					Early Burgundy	200.00	4510	44.7		400.00	0010	4.3
	600.00	0010	3.6						275.00	4655	14.1		475.00	0010	20.1
Flora	400.00	0010	100.0		425.00	2620	75.5								
French Colombar	265.00	0940	10.5										150.00	4510	10.4
	325.00	1085	65.9										275.00	4663	40.8
													325.00	0010	48.8
													700.00	4510	34.1
													350.00	4663	65.9
DISTRICT 6															
WINE GRAPES (White)															
Chardonnay	600.00	0010	28.0	Emerald Riesling	500.00	0915	17.9	Gray Riesling	400.00	0010	3.6	Sauvignon Vert	550.00	0010	70.5
	949.34	0010	3.0		542.48	0010	82.1		550.00	0010	4.1		375.00	0010	70.5
	1,000.00	0010	4.2						565.00	0010	92.3				
	1,000.00	0915	59.8						450.00	0010	100.0		375.00	0010	10.3
	1,000.00	2320	1.2						450.00	0010	17.2		400.00	0010	9.6
	2,000.00	0010	3.8						450.00	1015	82.8		425.00	0010	56.7
									525.00				450.00	0010	8.0
Chenin Blanc	200.00	0010	.9						450.00	0010	15.2		500.00	0010	10.1
	565.00	0010	29.8						450.00	0010	32.1		550.00	0010	5.3
	634.70	0010	69.3						900.00	0915	52.7		450.00	0010	33.7
													450.00	2350	6.3

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent	
DISTRICT 6 (Cont'd)																
White Riesling	500.00	0010	17.6	Cabernet	800.00	0210	13.4	Grenache	225.00	0010	16.1	Ruby Cabernet	299.69	0955	100.0	
	550.00	0720	2.2	Sauvignon	800.00	0220	2.8	(Cont'd)	250.00	2145	36.9	St. Macaire	250.00	0010	100.0	
	575.00	0010	10.9	(Cont'd)	1,000.00	0010	9.0	Grignolino	250.00	0010	100.0	Salvador	250.00	0010	100.0	
	700.00	0915	69.3	Cerignane	175.00	0010	31.9	Mataro	150.00	0010	28.4	Zinfandel	250.00	0010	4.5	
WINE GRAPES (Black)																
Alicante Bouschet	250.00	0010	100.0	Garnay (Napa)	200.00	0010	95.2	Petite Sirah	300.00	0010	74.5					
Cabernet	400.00	0010	12.5	Garnay (Napa)	350.00	0010	4.8		415.00	0010	4.8					
Sauvignon	500.00	2145	20.3	Garnay Beaujolais	250.00	0010	16.1	Pinot Noir	300.00	0010	.8					
	525.90	0010	15.3		400.00	2145	62.3		375.00	0010	.5					
	600.00	0010	5.8	Grenache	415.00	0010	21.6		400.00	2145	15.7					
	600.00	4577	3.6		503.68	0010	83.0		500.00	4663	70.7					
	650.00	0010	4.1						600.00	0010	1.3					
	750.00	0010	5.9						600.00	0195	.7					
	800.00	0010	5.6						750.00	0212	.5					
									800.00	0010	3.2					
											.8					

DISTRICT 7

Chardonnay	700.00	4450	2.9	Chenin Blanc	150.00	0010	b/	Gray Riesling	490.00	0010	6.7	Semillon	400.00	2370	.1	
	727.19	4407	5.9		500.00	0010	b/	(Cont'd)	565.00	0010	21.6	(Cont'd)	550.00	0010	41.0	
	733.40	2910	1.4		516.66	2380	3.4	Malvasia Bianca	425.00	0980	100.0	Sylvaner	446.49	2380	7.9	
	750.00	0010	11.3		525.00	0980	63.9	Muscat Blanc	400.00	0980	93.5		450.00	0010	30.5	
	750.00	4550	3.8		534.91	2360	1.7		600.00	0010	.2		450.00	0980	46.5	
	750.00	4580	1.0		550.00	2005	4.8		650.00	0010	1.0		450.00	3760	7.5	
	750.00	4634	6.1		565.00	0010	14.7		660.00	0010	1.0		510.00	0010	7.6	
	759.00	0040	2.3		575.00	2540	b/		675.00	0010	4.3					
	782.68	4120	3.7		575.00	3180	8.9			0037						
	800.00	0010	8.1		600.00	0010	.1			0980	38.2					
	800.00	5158	3.7		600.00	0145	b/			3260	7.8					
	800.00	7473	11.4		600.00	2565				2380	3.8					
	803.81	4550	8.0		600.00	0980	100.0			589.89	1.7					
	825.00	0010	7.9		600.00	0980				589.89	2380					
	825.00	4955	9.1		600.00	0980				600.00	6.7					
	842.34	0010	.8		650.00	4220	.8			620.00	.7					
	850.00	0010	.2		678.58	2360	19.8			625.00	10.9					
	850.00	4410	1.4		678.58	2380	8.2			650.00	2040					
	900.00	0010	1.2		691.48	2380	25.7			650.00	0010	7.5				
	900.00	2940	1.7		700.00	0010	45.5			700.00	b/					
	970.00	0010	.6		700.00	0980				750.00	2320					
	1,000.00	0010	3.0		740.00	0010	3.7			752.00	4580					
	1,016.00	0010	.6		740.00	0010	10.9				5105					
	1,100.00	2840	.5		650.00	4220	2.4				600.00	0010				
	1,100.00	2980	.8		678.58	2360	4.6				600.00	0010				
	1,150.00	1113	.2		678.58	2380	2.2				625.00	2320				
	1,150.00	2945	.8		691.48	2380	28.8				635.00	0980				
	1,200.00	0010	.1		700.00	2040	47.3				700.00	0010				
	1,200.00	2320	b/		700.00	2320	.1				750.00	0010				
	1,200.00	2540	1.8		740.00	0010	3.7				900.00	0010				
	1,200.00	2540	.5		475.00	0980	58.6				375.00	0010				
	1,400.00	0010	.1		488.31	2380	13.1				400.00	0980				

WINE GRAPES (Black)

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont)

Variety	Dollars		Code		Percent of Variety	Variety	Dollars		Code		Percent of Variety	Variety	Dollars		Code		Percent of Variety
	Base Price	Brix Factors	a/	a/			Base Price	Brix Factors	a/	a/			Base Price	Brix Factors	a/	a/	
DISTRICT 8 (Cont'd)																	
Cabernet Sauvignon (Cont'd)	375.00	5125	7.7	Cabernet	4786	600.00	1.0	Merlot (Cont'd)	475.00	4786	2.8	Pinot Noir (Cont'd)	425.00	4540	9.9		
	375.12	4510	2.5	Sauvignon (Cont'd)	4820	600.00	1.6		500.00	0010	11.0		500.00	0010	.1		
	379.76	7335	2.2		0010	750.00	.3		510.00	4736	.9		550.00	0010	.5		
	400.00	0010	.6	Gamay (Napa)	0010	325.00	1.7		525.00	7730	.2		550.00	1800	.4		
	400.00	7425	37.8		4490	350.00	.8		600.00	0010	6.5		563.00	4820	2.2		
	425.00	0010	6.1		4550	359.31	37.1		750.00	0010	1.1		690.00	0010	2.5		
	425.00	0040	1.1		4550	359.31	60.4										
	440.00	0010	1.0	Gamay Beaujolais	4150	300.00	17.9		400.00	0010	4.4		125.00	5220	6.6		
	445.00	0010	2.1		0035	395.75	13.6		400.00	0040	5.4		345.58	4365	5.6		
	450.00	0010	1.5		0035	400.00	16.4		400.00	7425	79.0		369.72	7335	26.8		
	450.00	4540	4.9		0010	415.00	33.5		450.00	0010	.9		400.00	0010	.1		
	475.00	0010	.8		0010	425.00	8.8		450.00	0010	4.5		400.00	7425	30.7		
	491.97	4844	b/		0010	425.00	8.5		500.00	0010	5.8		400.00	7450	6.5		
	500.00	0010	2.5		0480	440.00	1.3						400.00	7707	4.4		
	508.00	0010	3.1	Merlot	0010	400.00	19.5		225.00	1600	29.8		425.00	0010	8.2		
	525.00	0010	.3		0010	400.00	1.3		300.00	0010	22.8		460.00	0010	.1		
	525.00	7730	.1		0010	400.00	19.5		300.00	0010	5		460.00	0010	2.4		
	532.00	0010	.2		4540	400.00	16.0		300.00	4150	10.5		475.00	0010	.8		
	538.00	0010	10.8		7425	400.00	15.6		350.00	4540	3.7		500.00	0010	2.4		
	539.00	0010	3.9		0010	425.00	24.4		375.00	0010	.6		500.00	0195	.5		
	600.00	0010	.9		0010	425.00	24.4		400.00	0010	.1		500.00	4820	3.6		
	600.00	4736	.1		0010	450.00	1.4		417.72	4844	2.7		500.00	5283	.7		
					0010	475.00	.5		425.00	0010	4.5		525.00	7730	.1		
					0010	475.00	.5		425.00	0480	18.2		550.00	0010	4.2		
													570.00	0010	.3		
DISTRICT 9																	
RAISIN GRAPES																	
Thompson Seedless	200.00	0010	100.0	French Colombard	2063	250.00	29.3		250.00	2063	29.3		210.00	4490	99.9		
					0010	255.00	12.4		255.00	0010	10.1		475.00	4410	.1		
					0950	265.00	3.3		265.00	1085	30.7						
					0075	275.00	9.4		275.00	0075	4.8						
					0010	325.00	4.8		325.00	0010	100.0						
Concord	225.00	0010	100.0	Gray Riesling	0010	275.00	100.0		275.00	0010	100.0						
						275.00	100.0		275.00	1990	100.0						
WINE GRAPES (White)																	
Chardonnay	275.00	1990	36.6	Pinot Blanc	1990	275.00	100.0		275.00	1990	100.0						
	800.00	0010	.2	Sauvignon Blanc	6065	400.00	92.4		400.00	6065	92.4						
	800.00	4634	62.3		0010	800.00	.3		800.00	0010	.3						
	1,000.00	0010	.4		2320	850.00	7.2		800.00	4634	7.2						
	1,000.00	4110	.5		0010	375.00	.1		850.00	2320	.1						
					0010	440.00	99.6		375.00	0010	99.6						
Chenin Blanc	200.00	0010	4.6	Semillon	0010	440.00	.4		440.00	0010	.4						
	275.00	0075	4.4		1990	300.00	81.9		300.00	1990	81.9						
	300.00	3965	64.6	White Riesling	6065	325.00	18.1		325.00	6065	18.1						
	300.00	3965	26.4		2320	550.00	b/		550.00	2320	b/						
Emerald Riesling	300.00	3965	100.0														
WINE GRAPES (Black)																	
				Merlot	0010	150.00	58.8		150.00	0010	58.8						
					0010	165.00	17.9		165.00	0010	17.9						
					4155	185.00	23.3		185.00	4155	23.3						
						210.00	40.2		210.00	4490	40.2						
					0010	300.00	.4		300.00	0010	.4						
					0010	330.00	1.3		330.00	0010	1.3						
					4410	600.00	b/		600.00	4410	b/						
						125.00	97.8		125.00	5320	97.8						
					0010	200.00	2.2		200.00	0010	2.2						
						175.00	94.4		175.00	4480	94.4						
						250.00	5.6		250.00	3191	5.6						
						180.00	100.0		180.00	0517	100.0						

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
Dollars Per Ton				Dollars Per Ton				Dollars Per Ton				Dollars Per Ton			
a/				a/				a/				a/			
Percent				Percent				Percent				Percent			
DISTRICT 10															
WINE GRAPES (White)															
Chardonnay	550.00	0010	31.5	Barbera	390.00	0010	2.8	Zinfandel	210.00	4906	6.5	Zinfandel	480.00	0010	1.1
	780.00	0010	2.6		400.00	4663	97.2	(Cont'd)	300.00	0010	.1		482.50	0010	1.2
	900.00	0010	61.0	Cabernet	375.00	0010	4.1		325.00	0010	1.2		500.00	0010	18.0
	950.00	0010	4.9	Sauvignon	450.00	5285	13.0		400.00	0010	7.9		500.00	4786	.7
Chenin Blanc	390.00	0010	1.5		500.00	0010	1.5		425.00	0010	1.4		500.00	7387	5.0
	400.00	0010	4.9		520.00	0010	27.9		430.00	0010	1.1		502.40	0010	1.7
	550.00	0010	93.6		575.00	0010	12.8		450.00	0010	.5		570.00	0010	1.1
	395.00	0010	32.1		600.00	0010	15.6		450.00	0145	.4		524.23	0010	.9
	543.75	4730	56.1		625.00	0010	25.1		455.00	4167	1.2		525.00	0010	2.6
	725.00	0010	11.8		250.00	0010	14.2		465.33	7415	4.8		575.00	0010	2.0
					250.00	7900	52.8		470.00	0010	4.6		585.00	0010	1.5
					350.00	0010	33.0		477.00	0010	4.3		595.00	0010	4.8
													600.00	0010	3.7
DISTRICT 11															
RAISIN GRAPES															
Muscad of Alexandria	225.00	0010	100.0	Emerald Riesling	210.00	0010	8.6	Barbera	185.00	0010	2.0	Mission	125.00	0010	2.7
Thompson Seedless	215.00	0010	100.0	French Colombard	270.00	0010	1.8	(Cont'd)	200.00	4490	91.7		170.00	4143	40.7
					300.00	3965	52.5	Black Malvoisie	160.00	4120	21.2		175.00	0010	56.6
					265.00	0010	4.0	Cabernet	150.00	0010	5.1	Petite Sirah	200.00	0010	2.9
					285.00	0935	.9	Sauvignon	160.00	0010	2.9		230.00	0010	1.1
					285.00	1990	89.4		190.00	0010	3.5		210.00	0010	4.0
					325.00	0010	.7		200.00	0010	9.6	Royalty	210.00	4490	92.0
					325.00	3965	.7		210.00	0010	5.6		150.00	0010	100.0
Blackrose	160.00	0010	100.0	Gray Riesling	200.00	0010	.9		210.00	4490	2.0	Rubired	115.00	0010	51.4
Tokay	120.00	0010	b/	Green Hungarian	275.00	0010	87.7		250.00	6065	25.5		125.00	0010	42.2
	210.00	0010	100.0	Malvasia Bianca	425.00	2000	11.4		375.00	0010	45.8		125.00	4490	6.4
Scarlet	140.00	0010	100.0	Muscad Blanc	350.00	0010	100.0	Carignane	125.00	0010	b/	Ruby Cabernet	135.00	0010	.6
				Palomino	180.00	0010	100.0	Carnelian	165.00	0010	.3		165.00	0010	18.8
				Sauvignon Blanc	225.00	0010	100.0	Centurian	175.00	0010	3.3		175.00	4490	8.3
Burger	175.00	0012	11.4	Semillon	200.00	0010	100.0	Garnay (Napa)	170.00	0010	15.3		200.00	6065	72.3
	210.00	0010	85.1		300.00	0010	.4		190.00	0010	84.7	St. Macaire	160.00	4490	100.0
	220.00	0010	.2		400.00	0010	32.3		160.00	4490	100.0		125.00	5370	.2
	231.00	0010	3.3		400.00	6065	34.6		160.00	4490	100.0		135.00	0010	.7
Chardonnay	400.00	0010	23.0		375.00	6065	100.0		160.00	4490	100.0		175.00	0010	1.1
	600.00	0010	77.0		WINE GRAPES (Black)				170.00	0010	15.3		175.00	4995	1.4
									190.00	0010	84.7		185.00	0010	1.4
Chenin Blanc	210.00	0010	.6	Barbera	130.00	0010	6.0		175.00	0010	95.3		210.00	0010	13.3
	275.00	0010	6.6		150.00	0010	.3		180.00	0010	1.5		210.00	4490	67.1
	300.00	0010	1.0						180.00	0917	3.2		210.00	4955	16.5
	300.00	0010	6.0						150.00	0010	100.0		272.54	0010	b/
	300.00	0935	70.2										300.00	0010	.1
	350.00	0010	.5										359.50	0010	.1
	425.00	0010	2.7												
	450.00	2000	1.6												

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent
<u>Packhouse Culls (Cont'd)</u>	40.00	0010	10.8	<u>Ruby Seedless</u>	85.00	0010	11.7	<u>Muscat Blanc</u>	210.00	0010	6.8	<u>Carignane (Cont'd)</u>	148.43	0010	1.9
	46.00	0010	31.3		95.00	0010	26.2		250.00	0010	b/		155.00	0010	30.1
	60.00	0010	11.0		100.00	0010	59.0		262.50	0515	1.9		155.00	4140	.6
	199.94	0310	53.2		115.00	0010	7.1		275.00	0010	80.0		155.00	4140	30.5
				<u>White Malaga</u>	198.91	0310	.2		285.00	0010	.5		165.00	0010	5.6
					199.41	0010	.9		317.00	0010	10.8		165.00	1950	1.3
<u>Blackrose</u>	155.00	0010	100.0		200.00	0010	63.4	<u>Orange Muscat</u>	275.00	0010	84.0	<u>Carmine</u>	125.00	5370	100.0
	5.00 c/	0300	3.1		200.00	0940	.2		350.00	0010	16.0		125.00	0010	1.0
	150.00	0010	24.0		200.00	0950	24.5	<u>Palomino</u>	155.00	5300	5.4	<u>Carmelian</u>	125.00	5270	.2
	120.00	1990	1.0		200.00	1011	10.8		170.00	0010	.1		150.00	0010	1.0
	161.75	0310	7.8	<u>Packhouse Culls</u>	3.75 c/	0300	32.2		197.99	0010	1.4		150.00	4140	37.1
	200.00	0010	46.4		85.00	0010	1.0		200.00	0010	92.2		165.00	0010	49.6
	200.00	0940	.7		125.00	0010	31.3		200.00	0420	.8		125.00	0010	4.1
	3.75 c/	0300	81.0		150.00	0010	1.1		200.00	0515	.1	<u>Centurian</u>	125.00	0010	.6
<u>Cardinal</u>	85.50	0310	11.8		200.00	0010	34.4	<u>St. Emilion (Ugni Blanc)</u>	200.00	0010	53.4		150.00	0010	18.1
	85.00	0010	3.8		200.00	0010	100.0		210.00	0010	29.9	<u>Gamay (Napa)</u>	165.00	0010	77.2
	125.00	0010	3.4		200.00	0010	100.0	<u>Sauvignon Blanc</u>	270.00	0010	2.5		150.00	4140	100.0
	100.00	0010	5.5		200.00	0010	b/		255.00	0950	100.0	<u>Grenache</u>	125.00	0010	.5
	125.00	0010	2.6	<u>Chenin Blanc</u>	240.00	0010	6.5		200.00	0010	1.4		130.00	0010	9.1
	143.96	0310	12.0		255.00	0010	.6	<u>Semillon</u>	210.00	0010	5.3		135.00	0010	.7
	150.00	0010	76.4		265.00	0010	24.5		245.00	0010	63.3		140.00	0010	.6
	150.00	1985	3.5		265.00	0415	.4		265.00	0010	13.8		155.00	0733	.1
	3.75 c/	0300	1.1		265.00	0420	1.8		375.00	6065	16.2		162.68	0010	.3
<u>Flame Seedless</u>	85.00	0010	25.2		265.00	0515	5.9	<u>WINE GRAPES (Black)</u>					165.00	0010	4.6
	100.00	0010	28.1		265.00	0517	60.3	<u>Aleatico</u>	204.00	0010	100.0		165.00	0120	.5
	114.86	0310	11.5		350.00	3965	b/	<u>Alicante Bouschet</u>	3.50 c/	0300	2.1		165.00	0517	47.7
	150.00	0010	34.1		225.00	0940	2.2		3.75 c/	0300	9.0		172.50	0010	23.0
	100.00	1013	.7		255.00	0950	18.0	<u>Barbera</u>	125.00	5320	88.9	<u>Mission</u>	175.00	0010	.8
<u>Italia</u>	200.00	0010	39.8		255.00	0010	79.8		110.00	0010	.1		125.00	5320	8.1
	210.00	0010	59.5		255.00	0010	18.0	<u>Black Malvoisie</u>	135.00	5320	3.6		135.00	0010	7.2
	3.75 c/	0300	10.7		255.00	0010	71.2		150.00	0010	6.4		150.00	0010	4.4
<u>Queen</u>	100.00	0010	48.6		255.00	0010	28.8	<u>Cabernet Sauvignon</u>	165.00	0215	.2		155.00	5300	36.0
	104.41	0310	18.7		255.00	0010	6.6		165.00	4120	6.2	<u>Petite Sirah</u>	125.00	0010	5.8
	125.00	0010	18.5		255.00	0010	5.4	<u>Black Malvoisie</u>	125.00	5320	66.4		150.00	0010	79.8
	150.00	0010	3.5		255.00	0935	6.6		140.00	4120	33.6	<u>Royalty</u>	125.00	4140	14.4
	3.75 c/	0300	20.7		255.00	0940	8.0	<u>Cabernet Sauvignon</u>	125.00	0010	40.4		125.00	0315	3.4
<u>Red Malaga</u>	5.00 c/	0300	37.3		255.00	0010	6.6		155.00	4140	59.6		125.00	0900	5.7
	92.79	0310	7.1		255.00	0415	b/	<u>Carignane</u>	5.00 c/	0300	b/		125.00	5320	57.7
	100.00	0010	34.9		255.00	0935	40.4		87.50	0010	.1		124.88	0010	11.1
	3.75 c/	0300	3.1		255.00	0010	59.6	<u>Malvasia Bianca</u>	307.00	0010	40.4		125.00	0010	47.6
<u>Ribier</u>	87.50	0010	33.5		255.00	0010	4.6		210.00	0010	100.0		125.00	0515	.8
	100.00	0010	1.2		255.00	0415	b/	<u>Muscadelle du Bordeaux</u>	210.00	0010	5.1		125.00	4110	5.5
	100.00	1013	14.7		255.00	1950	.3		135.00	0010	1.7		125.00	5320	32.3
	101.45	0010	.6		250.00	0010	59.6		147.93	0310	b/		125.00	5320	32.3
	101.45	0310	29.3		307.00	0010	40.4								
	112.50	0010	1.3												
	125.00	5320	.5												
	130.00	0010	5.1												
	150.00	0010	2.5												
	150.00	1990	1.0												

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factor, & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
Dollars Per Ton				Dollars Per Ton				Dollars Per Ton			
Code				Code				Code			
a/				a/				a/			
DISTRICT 13 (Cont'd)											
<u>Ruby Cabernet</u>	125.00	0010	2.0	<u>Ruby Cabernet</u>	155.00	0010	22.4	<u>Salvador</u>	125.00	0010	38.1
	125.00	5320	5.0		155.00	0215	.2		125.00	5320	61.9
	130.00	0010	15.9		155.00	4120	1.4				
	135.00	0010	3.6		155.00	4140	43.5	<u>Souzao</u>	200.00	0010	100.0
	135.00	4138	1.3		165.00	0010	1.6		150.00	4140	55.3
	147.02	0010	.3		165.00	4110	2.8	<u>Tinta Madeira</u>	150.00	4140	44.7
									150.00	5300	
DISTRICT 14											
RAISIN GRAPES											
<u>Muscat of Alexandria</u>	200.00	0010	32.8	<u>Queen</u>	73.68	0010	5.9	<u>Flora</u>	200.00	0630	100.0
	210.00	0010	36.2		150.00	1990	94.1		200.00	0010	b/
	210.00	0515	8.5	<u>Red Malaga</u>	100.00	0010	100.0	<u>French Colombard</u>	230.00	0010	74.1
	210.00	0933	22.5						234.78	0010	.9
<u>Thompson Seedless</u>	3.00	0300	b/	<u>Ribier</u>	4.25	0300	.4		235.00	0010	6.1
	200.00	0010	51.7		100.00	0010	4.4		240.00	0010	1.0
	200.00	0630	26.5		110.00	0010	7.6		245.00	0940	1.3
	200.00	0940	.7		112.50	0010	30.9		250.00	0020	.5
	200.00	0950	3.3		121.93	0010	11.8		255.00	0010	.6
	200.00	1013	4		125.00	0010	9.3		255.00	0420	2.4
	200.00	1610	8.3		125.00	0630	21.3		255.00	0940	6.5
	200.21	0010	1.7	<u>Superior Seedless</u>	150.00	1990	14.5		255.00	0953	6.0
	201.87	0010	7.6		150.00	0010	100.0		265.00	0010	.6
TABLE GRAPES											
<u>Almeria</u>	150.00	1987	8.2	<u>Tokay</u>	200.00	0010	100.0	<u>Gray Riesling</u>	180.00	0010	11.9
	185.53	0010	48.9		200.00	0010	100.0		200.00	0010	19.9
	200.00	0010	42.9	<u>White Malaga</u>	200.00	0010	37.7		210.00	0010	68.2
					200.00	0630	31.5		200.00	0010	80.6
<u>Blackrose</u>	130.00	0010	100.0		200.00	0950	30.8	<u>Inzolia</u>	200.00	0010	19.4
<u>Calmeria</u>	110.00	0010	5.3	WINE GRAPES (White)							
	150.00	1990	28.2	<u>Burger</u>	150.00	0010	19.1	<u>Malvasia Bianca</u>	250.00	0010	100.0
	178.17	0010	6.2		190.00	0010	80.9	<u>Muscat Blanc</u>	262.50	0515	100.0
	200.00	0010	53.1	<u>Chardonnay</u>	250.00	0010	45.9	<u>Palomino</u>	200.00	0010	94.8
	200.00	0630	7.2		300.00	0010	54.1		200.00	0630	5.2
<u>Cardinal</u>	100.00	0010	28.7	<u>Chenin Blanc</u>	135.00	0010	.5	<u>Pedro Ximenes</u>	125.00	4120	.6
	125.00	0630	71.3		200.00	0010	2		200.00	0010	59.3
<u>Emercor</u>	146.54	0010	8.2		240.00	0010	81.6	<u>Feverella</u>	200.00	0630	16.8
	150.00	0010	81.1		242.51	0010	.5		200.00	0940	23.3
	150.00	1990	10.7		245.00	0010	1.1		200.00	0010	41.0
<u>Exotic</u>	85.00	0010	29.3		265.00	0010	4	<u>St. Emilion (Ugni Blanc)</u>	200.00	0010	59.0
	100.00	0010	11.7		265.00	0515	8.9		200.00	0630	38.2
	125.00	0630	29.8		265.00	0940	3.5		210.00	0010	50.4
	150.00	1990	29.2	<u>Emerald Riesling</u>	275.00	0010	.5		225.00	0010	100.0
<u>Flame Seedless</u>	150.00	0010	100.0		200.00	0010	3.6	<u>Sauvignon Vert</u>	190.00	0010	.7
<u>Italia</u>	150.00	1990	18.0		210.00	0010	8.7		200.00	0010	30.6
	200.00	0630	74.6		220.00	0625	29.9	<u>Semillon</u>	200.00	0010	19.1
	206.72	0010	7.4		225.00	0010	45.9		210.00	0010	76.8
					230.00	0015	2.8		214.54	0010	13.0
									215.00	0010	

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Dollars Per Ton	Code a/	Percent	
				DISTRICT 14 (Cont'd)											
				Dollars Per Ton	Code a/	Percent	Dollars Per Ton	Code a/	Dollars Per Ton	Code a/	Percent	Dollars Per Ton	Code a/	Percent	
<u>Carmelian</u>	125.00	0010	94.2	<u>Grenache (Cont'd)</u>	140.00	0010	45.7	<u>Petite Sirah (Cont'd)</u>	125.00	5320	4.0	<u>Ruby Cabernet (Cont'd)</u>	125.00	5320	22.5
	135.00	0010	5.8	<u>Mission</u>	155.00	0733	23.9		125.00	4140	13.9		129.35	0010	5.9
<u>Centurian</u>	125.00	0010	100.0	<u>Nebbiolo</u>	125.00	0010	57.1	<u>Royal</u>	125.00	0010	51.6		135.00	2090	27.0
<u>Gamay (Napa)</u>	125.00	0010	23.4	<u>Perelli 101</u>	110.00	0010	51.9	<u>Rubired</u>	177.50	0010	5.6		135.00	4140	5.7
	125.00	0932	35.0		135.00	4140	48.1		109.00	0010	8.7		125.00	0010	55.8
	125.00	5320	41.6	<u>Petite Sirah</u>	125.00	5320	100.0		125.00	4135	10.6		125.00	2090	39.9
<u>Gamay Beaujolais</u>	125.00	0010	24.0		4.75 e/	0300	4.3	<u>Ruby Cabernet</u>	177.50	0010	4.6		135.00	4255	100.0
	130.00	0010	76.0		125.00	0010	57.7		80.00	0010	b/		135.00	4140	100.0
<u>Grenache</u>	125.00	0010	3.2		125.00	2090	20.1		109.00	0010	9.8		4.75 e/	0300	92.9
	135.00	0010	27.2						125.00	0010	5.1		125.00	0010	7.1
DISTRICT 15															
TABLE GRAPES															
<u>Black Prince</u>	110.00	0010	100.0	<u>Muscat Blanc</u>	210.00	0010	100.0	<u>Alicante Bouschet</u>	100.00	0010	100.0		110.00	0010	2.9
	150.00	0010	100.0	<u>Palomino</u>	150.00	0010	17.8	<u>Blaue Elbe</u>	124.00	0010	100.0		124.00	0010	48.5
<u>White Malaga</u>	150.00	0010	100.0	<u>Pedro Ximenes</u>	175.00	0010	81.8	<u>Cabernet Sauvignon</u>	250.00	0010	100.0		125.00	0010	48.5
				<u>Sauvignon Blanc</u>	125.00	0010	4.4	<u>Carignane</u>	100.00	0010	9.7		135.00	0010	.1
<u>Burger</u>	150.00	0010	22.6		700.00	0010	100.0	<u>Grenache</u>	124.00	0010	94.1		100.00	0010	100.0
	175.00	0010	1.4	<u>Aleatico</u>	100.00	0010	3.6	<u>Mataro</u>	110.00	0010	55.5		100.00	0010	63.8
	180.00	0010	76.0		124.00	0010	96.4		124.00	0010	44.5		124.00	0010	3.6
<u>French Colombar</u>	245.00	0010	100.0	WINE GRAPES (Black)											
	245.00	0010	100.0	<u>Chenin Blanc (Cont'd)</u>	500.00	0010	28.5	<u>Sauvignon Blanc (Cont'd)</u>	638.40	0010	14.7		320.00	0010	16.2
<u>Malvasia Bianca</u>	110.00	0010	100.0	<u>Emerald Riesling</u>	700.00	0010	18.0	<u>White Riesling</u>	700.00	6065	18.8		250.00	0010	13.1
				<u>Pinot Blanc</u>	300.00	0010	100.0		200.00	0010	.2		375.00	0010	.7
				<u>St. Emilion (Ugni Blanc)</u>	400.00	0010	24.3		275.00	1990	1.4		400.00	0010	2.8
				<u>Sauvignon Blanc</u>	450.00	0010	73.7		450.00	0010	4.5		165.00	4140	39.1
<u>Chenin Blanc</u>	300.00	0950	2.4		410.00	0010	100.0		475.00	0010	1.3		250.00	0010	39.4
	351.50	0010	8.2		522.50	0010	6.6		480.00	0010	88.0		308.75	0010	7.7
	400.00	0010	4.4		590.00	0010	1.8		482.00	0010	4.4		390.00	0010	14.4
	425.00	0010	35.4		625.00	0010	58.1		525.00	0010	4.4		400.00	0010	6.4
	450.00	0010	4.4	WINE GRAPES (Black)											
	495.00	0010	2.7	<u>Cabernet Sauvignon</u>	250.00	0010	64.3		250.00	0010	2.9		247.00	0010	96.5
					275.00	4507	2.9		275.00	4507	2.9		315.00	0010	3.5

(Continued)

Table 8 Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1981 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Dollars Per Ton	Code a/	Dollars Per Ton	Code a/	Percent
<u>DISTRICT 17</u>																
<u>WINE GRAPES (White)</u>																
Chardonnay	450.00	0010	100.0	Gray Riesling	100.00	0010	6.5	Cabernet	200.00	0010	3.9	Petite Sirah	165.00	0010	0010	5.3
Chenin Blanc	275.00	1085	42.6	Sauvignon Blanc	275.00	1085	22.0	Sauvignon	200.00	2135	21.9		200.00	0010	0010	13.5
	350.00	3965	8.3		400.00	0010	10.1		250.00	6065	50.3		200.00	2135	2135	26.2
	352.00	1380	4.6		400.00	6065	48.9		330.00	0010	3.8		264.00	0010	0010	10.1
	375.00	0010	39.3		440.00	0010	10.8		365.00	0010	10.4		270.00	0010	0010	3.5
	385.00	0010	.1		450.00	0010	8.2	Early Burgundy	375.00	0010	9.7		275.00	0010	0010	9.6
	400.00	0010	.1					Gamay (Napa)	200.00	2135	100.0	Zinfandel	277.86	0010	0010	32.0
	410.00	0010	.2					Merlot	190.00	2135	100.0		200.00	2135	2135	79.3
	425.00	0010	3.2						200.00	0010	4.0		210.00	0010	0010	5.3
	450.00	0010	1.6	Barbera	200.00	2135	100.0		250.00	2135	35.8		226.84	0010	0010	10.2
French Colombar	265.00	1085	89.1						365.00	0010	38.1		246.86	0010	0010	5.2
	285.00	1995	10.9													
<u>WINE GRAPES (Black)</u>																

a/ See code descriptions beginning this page.
 b/ Less than 0.1 percent.
 c/ Price basis per degree Brix.
 d/ Brix adjustment factor corrected from Preliminary Grape Crush Report, 1981 crop.

Table 8 (Supplement) The following Brix adjustment factors are on a per degree Brix basis and are normally calculated to a tenth of a degree, and are cumulative unless otherwise indicated. Most wineries, however, indicate a minimum Brix acceptance level and grapes testing below that level may be subject to price renegotiation or rejection by the winery. Discounts for high sugar apply to both base price and bonus unless otherwise stated. There are factors other than Brix, such as material other than grapes (MOG), defects, weight loss in late harvest grapes, and sugar-acid ratios that affect grape prices. These were not considered in this presentation, but were considered in arriving at weighted average prices.

NO PREMIUM OR PENALTY	21° BRIX	22° BRIX (Cont'd)
0140 Acceptable range 21-22°	2150 + flat 6%, + 2% per degree max. 23°; - 5% min. 19°	4738 + 10% max. 24°; - 5%
<u>SPECIAL CLASS</u>		
0310 Price and Brix adjustment based on Preliminary Grape Crush Report averages	2360 + or - 10% max. 22°; min. 19°	4747 + 10% max. 24°; - 7%
18.9° BRIX	2480 + or - 10% max. 23°, min. 20°, min. acceptance 19°	5132 + 15% max. 23.5°, max. acceptance 24°; - 15% min. 20°
0490 + 6% at 19° or above; no penalty	2910 + 10% max. 24°; - 15% min. 19°	5158 + 16% max. 24°; no penalty
19-20.9° BRIX	21.1° BRIX	5160 + or - 20% max. 24°, min. 21°
0700 + 8% at 21° or above; no penalty	3600 + or - 7% max. 23°, min. 19°	22.8° BRIX
19-20.9° BRIX	21.5° BRIX	7345 + or - 7% max. 24°; min. 20°
0730 + 8% at 21.1° or above; no penalty	3810 + or - 10% max. 24°, min. 21°	23° BRIX
19-21° BRIX	21.9° BRIX	7530 + 20% max. 24°; - 10% min. 21°
0750 + 8% at 21.1° or above; no penalty	4050 + or - 7% max. 23°, min. 19°	23.1° BRIX
20° BRIX	4055 + or - 7% max. 24°, min. 20°	7580 + or - 7% max. 24°; min. 20°
0952 No premium; - 10% to 18°, - 20%	22° BRIX	23.5° BRIX
1040 + 6% 20-29.9°, + 2% per degree max. 22°; - 7% min. 19°	4575 + or - 10% per full degree max. 25°, min. 21°	7585 + or - 7% max. 24°; min. 20°

(Continued)

Table 8 (Supplement)

The following Brix adjustment factors are on a per degree Brix basis and are normally calculated to a tenth of a degree, and are cumulative unless otherwise indicated. Most wineries, however, indicate a minimum Brix acceptance level and grapes testing below that level may be subject to price renegotiation or rejection by the winery. Discounts for high sugar price and bonus unless otherwise stated. There are factors other than Brix, such as material other than grapes (MOG), defects, weight loss in late harvest grapes, and sugar-acid ratios that affect grape prices. These were not considered in this presentation, but were considered in arriving at weighted average prices. NOTE: Brix adjustment factors added since release of the Preliminary Report for the 1991 crop are shown on page 38.

<u>NO. PREMIUM OR PENALTY</u>		<u>19° BRIX (Cont'd)</u>	
0010	No max. or min.	0510	No premium; - 7%
0012	Min. acceptance 16°	0515	No premium; - 10%
0015	Min. acceptance 18°	0517	No premium, - 10% min. 18°
0020	Min. acceptance 19°	0518	No premium; - 10% to 18°, - 20% to 17°, - 30%
0030	Min. acceptance 20°	0547	+ 5% max. 23°; - 10% min. 18°
0035	Min. acceptance 21°	0550	+ or - 7% max. 21°, min. 18°
0037	Min. acceptance 21.5°	0597	+ or - 10%, max. 21°
0040	Min. acceptance 22°	<u>19.5° BRIX</u>	
0043	Min. acceptance 22.5°	0625	No premium, max. acceptance 22.5°; - 10% min. 18°
0045	Min. acceptance 23°	0630	No premium, max. acceptance 25°; - 5% min. 18°
0050	Min. acceptance 26°	<u>19-20° BRIX</u>	
0060	Acceptable range 18-22°	0670	+ 10% max. 21°; - 10% to 18°, - 20% to 17°, - 30%
0062	Acceptable range 18-23°	0675	+ 10% to 21°, no change to 22°, - 10% over 22°; - 10% to 18°, - 20% to 17°, - 30%
0075	Acceptable range 19-23°	<u>19-21° BRIX</u>	
0100	Acceptable range 20-22°	0720	+ or - 10% (+ late harvest bonus)
0110	Acceptable range 20-22.5°	0725	No premium; - 10% below 19°
0115	Acceptable range 20-23°	<u>19-21.5° BRIX</u>	
0120	Acceptable range 20-24°	0733	No premium; - 10% above or below
0125	Acceptable range 20-24.5°	<u>19.1-23° BRIX</u>	
0142	Acceptable range 21-22.5°	0800	No premium; - 10%
0145	Acceptable range 21-23°	<u>20° BRIX</u>	
0150	Acceptable range 21-24°	0900	No premium; - 5%
0160	Acceptable range 21-25°	0915	No premium; - 5% min. 17°
0173	Acceptable range 21.5-23°	0932	No premium, max. acceptance 24°; - 5% min. 18°
0175	Acceptable range 21.5-23.5°	0933	No premium, max. acceptance 25°; - 5% min. 18°
0180	Acceptable range 22-23°	0935	No premium; - 7%
0190	Acceptable range 22-23.5°	0940	No premium; - 10%
0195	Acceptable range 22-24°	0950	No premium; - 10% min. 18°
0210	Acceptable range 22-25°	0953	No premium; - 10% min. 19°
0212	Acceptable range 23-25°	<u>18° BRIX</u>	
0215	Acceptable range 22-26°	0415	No premium; - 7%
0217	Acceptable range 22.3-24°	0420	No premium; - 10%
0220	Acceptable range 22.5-24°	0450	+ 10% to 19°, + 15% max. 20° (+ 10% quality bonus, + \$35.00 hillside bonus); - 10% to 17°, - 15% min. 16°
		<u>18-19° BRIX</u>	
		0455	+ 10% to 21°; - 10% to 17°, - 20% to 16°, - 30%
		<u>18-20° BRIX</u>	
		0460	No premium; - 10% below 18°
		<u>18.5° BRIX</u>	
		0470	No premium; - 10%
		<u>18.5-21° BRIX</u>	
		0480	No premium; - 10% below 18.5°
		<u>19° BRIX</u>	
		0500	No premium; - 5%
		0503	No premium, max. acceptance 22.5°; - 5% min. 18°

(Continued)

Table 8 (Supplement)

<u>20-21° BRIX (Cont'd)</u>	
0980	No premium; - 15%
0983	No premium; - 15% min. 18°
0985	No premium, max. acceptance 22°; - 15%
1011	No premium; - \$10.00
1013	+ or - 5%
1015	+ or - 5% max. 23°, min. 17°
1020	+ 5% to 21°, + 10% max. 22°; - 10% min. 19°
1035	+ 5% to 22°, + 10% max. 23°; - 10% min. 19°
1050	+ 7%; - 10%
1055	+ 7% max. 22°; - 10%
1075	+ 7.5% to 22°, no change to 22.5°, 22.5-23.5° bonus reduced 4% per 1/10 degree, - 60% above 23.5°; - 40% below 21°
1078	+ or - 10%
1085	+ or - 10% max. 21°
1097	+ or - 10% max. 22°
1100	+ or - 10% max. 22°, min. 18°
1107	+ or - 10% max. 23°
1110	+ or - 10% max. 23°, min. 19°
1113	+ or - 10% max. 24°; min. acceptance 22.5°
1118	+ 10% max. 21°, max. acceptance 22.5°; - 10% min. 19°
1130	+ 10% to 21°, + 15% max. 22°; - 10% to 19°, - 15% min. 18°
1153	+ 15% max. 21°; - 10% min. 18°
1155	+ or - 15% max. 21°, min. 19°
1170	+ 20% max. 21°, max. acceptance 22.5°; - 20% min. 19°
<u>20.5° BRIX</u>	
1380	+ or - 10% max. 22.5°, min. 19.5°
<u>20-21° BRIX</u>	
1600	No premium; - 15%
1610	+ 5% max. 21.5°; no penalty
1620	+ 10% max. 22°; - 10% to 19°, - 20% to 18°, - 30%
1630	+ 10% to 20°, no change to 22.5°, - 10% above 22.5°; - 10% to 19°, - 20% to 18°, - 30%
1640	+ 10% to 20°, no change to 23°, - 10% above 23°; - 10% to 19°, - 20% to 18°, - 30%
<u>20-21° BRIX (Cont'd)</u>	
2090	No premium, max. acceptance 25°; - 5% min. 19°
2135	+ or - 5% max. 23°
2145	+ or - 5% max. 24°, min. 18°
2230	+ 7%; - 10%
2320	+ or - 10%
2330	+ or - 10% min. 18°
2350	+ or - 10% max. 22°
2380	+ or - 10% max. 22°, min. 20°
2390	+ or - 10% max. 22.5°, min. 18°
2400	+ or - 10% max. 23°
2420	+ or - 10% max. 23°, min. 18°
2440	+ or - 10% max. 23°, min. 19°
2460	+ or - 10% max. 23°, min. 20°
2500	+ or - 10% max. 24°, min. 19°
2520	+ or - 10% max. 24°, min. 20°
2537	+ or - 10%, (+ hillside bonus)
2540	+ 10%; no penalty
2565	+ 10%; min. acceptance 25°
2585	+ 10% max. 22°; min. acceptance 21°
2590	+ 10% to 22°, + 5% above 22°, min. acceptance 21°
2600	+ 10% to 22°, + 15% max. 23°; - 10% to 20°, - 15%
2620	+ 10% to 22°, + 15% max. 23°; - 10% to 20°, - 15% min. 19°
2621	+ 10% to 22°, + 15% max. 23°; - 10% to 20°, - 20% min. 19°
2622	+ 10% to 22°, + 15% max. 23°, max. acceptance 24.5°; - 10% min. 20°
2623	+ 10% to 22°, + 15% max. 23°, max. acceptance 24.5°; - 10% to 20°, - 15% min. 19°
2625	+ 10% to 22°, + 15% max. 23° (+ 15% quality bonus, + \$25.00 hillside bonus); - 10% to 20°, - 15% min. 19°
2630	+ 10% to 22°, + 15% max. 23° (+ 10% quality bonus, + \$35.00 hillside bonus); - 10% to 20°, - 15% min. 19°
2635	+ 10% to 22°, + 15% max. 23° (+ 15% quality bonus, + \$35.00 hillside bonus); - 10% to 20°, - 15% min. 19°
2639	+ 10% to 22°, + 15% max. 23° (+ 30% quality bonus, + \$25.00 hillside bonus); - 10% to 20°, - 15% min. 19°

(Continued)

Table 8 (Supplement)

21.5° BRILX (Cont'd)		21.5° BRILX (Cont'd)	
2643	+ 10% to 22°, + 15% max. 24°; - 10% to 20°, - 15% min. 19°	3800	+ or - 10% max. 23.5°, min. 19.5°
2647	+ 10% (+ 5% acid bonus) to 22°, no change to 23°, - 10% above 23°; - 10% to 20°, - 20% to 19°, - 30% below 21.5°	3860	+ 26.6% to 25°, no change to 23.5°, 23.5-24.5° bonus reduced 4% per 1/10 degree, - 60% above 24.5°; - 40% below 21.5°
2648	+ 10% max. 22.5°, max. acceptance 24°; no penalty, min. acceptance 20°	3930	No premium, max. acceptance 24.5°; - 10% min. 20°
2650	+ 10% max. 23°, no penalty	21-22° BRILX	
2670	+ 10% max. 23°; no penalty, min. acceptance 20°	21-22° BRILX	
2680	+ 10% max. 23°, min. acceptance 21°	3940	No Brix premium, (+ 5% acid bonus), - 10% above 22°; - 10% to 20°, - 20% to 19°, - 30%
2780	+ 10% to 23°, + 15% max. 24°; min. acceptance 21°	3945	+ 10% to 24°; - 10% to 20°, - 20% to 19°, - 30%
2820	+ 10% to 23°, - 10% above 23°; - 10% to 20°, - 20% to 19°, - 30%	3950	+ 10% (+ 5% acid bonus), to 24° no change to 24.5°, - 10% above 24.5°; - 10% to 20°, - 20% to 19°, - 30%
2830	+ 10% max. 24°; no penalty	21-22.5° BRILX	
2835	+ 10% max. 24°; no penalty, min. acceptance 20°	3952	No premium, - 10% above 22.5°; - 10% to 20°, - 20% to 19°, - 30%
2840	+ 10% max. 24°, min. acceptance 21°	3953	No Brix premium, (+ 5% acid bonus), - 10% above 22.5°; - 10% to 20°, - 20% to 19°, - 30%
2945	+ 10% max. 25°, min. acceptance 20°	21-24° BRILX	
2980	+ 10% max. 25°, min. acceptance 22°	3965	- 10% to 25°, - 6% per 1/10 degree loads above 25° minimum 50% of base price; - 10% below 21° minimum 50% of base price
3085	+ or - 15% max. 22°	21-1-23.4° BRILX	
3122	+ 15%; no penalty	3970	+ 15% max. 24.5°; - 10%
3140	+ 15% max. 22°; - 10% min. 19°	21-6° BRILX	
3160	+ 15% max. 22°; - 10% min. 20°	4000	+ or - 10%, max. 24°
3180	+ 15% max. 22°; - 15% to 20°, - 20% min. 19°	22° BRILX	
3190	+ 15% max. 22°, max. acceptance 24°; - 15% min. 20°	4100	No premium; - 5%
3191	+ 15% max. 22°, max. acceptance 24.5°; - 15% min. 20°	4110	No premium; - 7%
3260	+ 15% to 22°, + 20% max. 23°; - 15% to 20°, - 20% min. 19°	4120	No premium; - 10%
3340	+ 15% to 22°, + 25% max. 23°; - 15% to 20°, 25% min. 19°	4125	No premium; - 10% to 21°, - 15%
3355	+ 15% to 22°, + 25% max. 24°; - 15% to 20°, - 25% min. 19°	4135	No premium, max. acceptance 25°; - 5% min. 20°
3390	+ 15% max. 22.5°; - 15% to 20°, - 25%	4138	No premium; - 10% min. 19°
3445	+ 20% max. 22°, max. acceptance 23.5°; - 20% min. 20°	4140	No premium; - 10% min. 20°
3466	+ 20% max. 22.5°, max. acceptance 24°; - 20% min. 20°	4143	No premium; - 10%, min. 21°
3475	+ 26.6% to 22.5°, no change to 25°, 23-24° bonus reduced 4% per 1/10 degree, - 60% above 24°; - 40% below 21°	4150	No premium, max. acceptance 24.5°; - 10% min. 20°
3480	+ 30% to 22°, 22-23° bonus reduced 3% per 1/10 degree, - 60% above 23°; - 40% below 21°		
3495	No premium; - \$10.00		
		21-22° BRILX (Cont'd)	
		4155	No premium, max. acceptance 24.5°; - 10% to 21°, - 15% min. 20°
		4156	No premium; - 10.83%
		4158	No premium; - 11.688%
		4166	No premium; - 12.27%
		4167	No premium; - 12.50%
		4168	No premium; - 12.69%
		4220	No premium; - 15% to 21°, - 20% min. 19°
		4222	No premium; - 17.768%
		4228	+ 2.5%; no penalty
		4229	+ 3.437% to 23°, + \$75.95 max. 24°; - 10% min. 21°
		4245	+ 5%; no penalty
		4248	+ or - 5%
		4255	+ 5% max. 23°; - 10% min. 20°
		4265	+ 5% max. 24°, min. acceptance 22°
		4365	+ 7.608% to 23°, + \$73.94 max. 24°; - 10% min. 21°
		4367	+ 7.957% to 23°, + \$160.18 max. 24°; - 10% min. 21°
		4385	+ 8.767% to 23°, + \$62.67 max. 24°; - 10% min. 21°
		4407	+ 9.725% to 23°, + \$159.58 max. 24°; - 10% min. 21°
		4410	+ or - 10%
		4470	+ or - 10% max. 23°
		4480	+ or - 10% max. 23°, min. 20°
		4490	+ or - 10% max. 23°, min. 21°
		4507	+ or - 10% max. 23.5°, min. 20°
		4510	+ or - 10% max. 24°
		4515	+ or - 10% max. 24°, min. 18°
		4520	+ or - 10% max. 24°, min. 19°
		4540	+ or - 10% max. 24°, min. 20°
		4550	+ or - 10% max. 24°, min. 21°
		4565	+ or - 10% max. 25°, min. 20°
		4570	+ or - 10% max. 25°, min. 21°
		4577	+ or - 10% (+ hillside bonus)
		4580	+ 10%, no penalty
		4590	+ 10%, min. acceptance 22°
		4607	+ 10% to 22.9°, + 10% 23-24° range, - 20% max. acceptance 25°; min. acceptance 22°

(Continued)

Table 8 (Supplement)

22° BRIX (Cont'd)	22° BRIX (Cont'd)	22° BRIX (Cont'd)
4610 + 10% max. 23°, max. acceptance 24°; - 10% min. 21°, min. acceptance 20°	4727 + 10% to 24°, + 15% max. 25°; no penalty, min. acceptance 21°	4970 + 1% to 23°, + 17% max. 23.5° (+ \$100.00 bonus); no penalty
4611 + 10% max. 23°, max. acceptance 24.5°; - 10% to 21°, - 15% min. 20°	4728 + 10% to 24°, + 15% max. 25°, min. acceptance 22°	5010 + 15% to 23°, + 20% max. 24°; - 15% min. 21°
4612 + 10% max. 23°, min. acceptance 21°	4730 + 10% max. 24°, no penalty	5020 + 15% to 23°, + 20% max. 24°; - 15% to 21°, - 20% min. 20°
4613 + 10% max. 23°; - 10% to 21°, - 20% to 20°, - 30%	4733 + 10% max. 24°, no penalty, min. acceptance 20°	5090 + 15% to 23°, + 25% max. 24°; - 15% to 21°, - 25% min. 20°
4614 + 10% (+ 5% acid bonus), max. 23°; - 10% to 21°, - 20% to 20°, - 30%	4734 + 10% max. 24°, max. acceptance 25°; min. acceptance 22°	5100 + 15% max. 23.5°; - 30% min. 21°
4627 + 10% to 23°, + 5% above 23°, min. acceptance 22°	4736 + 10% max. 24°, min. acceptance 22°	5105 + 15% max. 23°; - 15% to 21°, - 20% min. 19°
4629 + 10% to 23°, + 15% max. 24°; no penalty	4757 + 10% max. 24°, (+ 10% quality bonus); - 10% min. 20°	5110 + 15% to 23.5°, no change to 24°, base price above 24°; - 15% to 21°, - 25% min. 20°
4634 + 10% to 23°, + 15% max. 24°, max. acceptance 24.5°; - 10% to 21°, - 15% min. 20°	4786 + 10% max. 24°; - 15% min. 20°	5115 + 15% max. 23.5°; no penalty
4635 + 10% to 23°, + 15% to 24°, max. acceptance 25°, min. acceptance 22°	4787 + 10% max. 24°; - 15% min. 21°	5116 + 15% max. 23.5°, max. acceptance 24°; no penalty, min. acceptance 20°
4637 + 10% to 23°, + 15% max. 24°, max. acceptance 25°; - 10% to 21°, - 15% min. 20°	4820 + 10% max. 24°, min. acceptance 22°	5125 + 15% max. 23.5°; - 15% to 21°, - 25%
4655 + 10% to 23°, + 15% max. 24°; - 10% to 21°, - 15%	4823 + 10% max. 24°, min. acceptance 22.5°	5133 + 15% max. 23.5°, max. acceptance 24°; - 15% min. 21°
4660 + 10% to 23°, + 15% max. 24°; - 10% to 21°, - 15% min. 20°	4825 + 10% max. 24°, max. acceptance 25°; min. acceptance 22°	5136 + 15% max. 23.5°; - 30% min. 21°
4663 + 10% to 23°, + 15% max. 24°; - 10% to 21°, - 20%	4836 + 10% max. 24°, (+ 20% vineyard bonus), no penalty	5137 + 15% max. 24°; no penalty
4665 + 10% to 23°, + 15% max. 24° (+ 10% quality bonus, + \$25.00 hillside bonus); - 10% to 21°, - 15% min. 20°	4838 + 10% max. 24°; - 10% to 21°, - 20% to 20°, - 30%	5155 + 15% max. 24°; - 10% min. 20°
4670 + 10% to 23°, + 15% max. 24° (+ 15% quality bonus, + \$25.00 hillside bonus); - 10% to 21°, - 15% min. 20°	4840 + 10% to 24°, - 10% above 24°; - 10% to 21°, - 20% to 20°, - 30%	5265 + 20% max. 23.5°, max. acceptance 25°; - 20% min. 20°
4675 + 10% to 23°, + 15% max. 24° (+ 20% quality bonus, + \$25.00 hillside bonus); - 10% to 21°, - 15% min. 20°	4841 + 10% to 24°, no change to 25°, - 10% above 25°; - 10% to 21°, - 20% to 20°, - 30%	5270 + 20% max. 24°, min. acceptance 22°
4690 + 10% to 23°, + 15% max. 24° (+ 10% quality bonus, + \$35.00 hillside bonus); - 10% to 21°, - 15% min. 20°	4842 + 10% (+ 5% acid bonus) to 24°, no change to 25°, - 10% above 25°; - 10% to 21°, - 20% to 20°, - 30%	5283 + 20% max. 24°; no penalty
4695 + 10% to 23°, + 15% max. 24° (+ 15% quality bonus, + \$25.00 hillside bonus); - 10% to 21°, - 15% min. 20°	4844 + 10% max. 24.5°, min. acceptance 22°	5285 + 20% max. 24°, min. acceptance 22°
4700 + 10% to 23°, + 15% max. 24° (+ 20% quality bonus, + \$35.00 hillside bonus); - 10% to 21°, - 15% min. 20°	4850 + 10% max. 25°, min. acceptance 22°	5288 + 22.3% max. 23.5°, min. acceptance 22°
4707 + 10% to 23°, + 15% max. 24° (+ 30% quality bonus, + \$35.00 hillside bonus); - 10% to 21°, - 15% min. 20°	4857 + 10% per full degree, max. 25°; min. acceptance 22°	5290 + 26.6% to 23.5°, no change to 24°, 23.5-24.5° bonus reduced 4% per 1/10 degree, - 60% above 25°; - 40% below 22°
4713 + 10% to 23°, + 20% max. 24°; no penalty	4858 + 10% max. 26°, min. acceptance 22°	5297 + 32% to 23°, + 7% max. 24°; - 7% min. 20°
4716 + 10% to 23°, + 25% to 24°, + 35% max. 25°; min. acceptance 22°	4895 + or - 15%	5300 No premium; - \$4.55
4717 + 10% to 23°, + \$66.37 max. 24°; - 10% min. 21°	4905 + or - 15% max. 23°, min. 20°	5305 No premium; - \$5.25
4722 + 10% max. 23.5°, max. acceptance 25°; - 10% min. 20°	4906 + or - 15% max. 23°, min. 21°	5315 No premium; - \$5.70
	4920 + or - 15% max. 25°, min. 20°	5320 No premium; - \$6.00
	4948 + 15% to 23°, + 10% max. 24°; - 15% to 21°, - 10% to 20°, - 5% min. 19°	5440 + \$50.00 max. 24°, - \$50.00 above 24°; min. acceptance 20°, no penalty
	4955 + 15% max. 23°; - 15%	
	4958 + 15% max. 23°, min. acceptance 22°	22-22.4° BRIX
	4959 + 15% max. 24°, min. acceptance 22°	5600 + 20% 22.5-24.5° range, base price 24.6° to max. acceptance 25°; min. acceptance 22°
	4968 + 15% to 23°, 23-24° bonus reduced 1.5% per 1/10 degree, - 60% above 24°; - 40% below 22°	

(Continued)

23.5° BRIX

6040 No premium; - 40% to 24°, - \$20.00 per 1/10 degree max. acceptance 25°; min. acceptance 22°

22-24° BRIX

6050 - 6% per 1/10 degree above 24°; - 1% per 1/10 degree below 22°

6060 - 10% to 25°, - 6% per 1/10 degree above 25°; - 10% below 22°

6065 - 10% to 25°, - 6% per 1/10 degree loads above 25° min. 50% of base price; - 10% below 22° min. 50% of base price

22-24.5° BRIX

6100 No premium; max. acceptance 24.5°; - 20% min. 21°

22-25° BRIX

6200 No premium; max. acceptance 25°; - 50% min. 21°

22.5° BRIX

6870 No premium; - 5%

6900 No premium; - 10%

7100 + 2% max. 23.5°, min. acceptance 22°

7105 + or - 10% max. 23°; min. 22°

7135 + 10% 22.5-25°, + 10% max. 25°; no penalty

7140 + 10% to 23.5°, + 20% max. 24.5°; - 10%

7200 + 12% to 23.5°, + 10% max. 24.5°; min. acceptance 22°

22.5° BRIX (Cont'd)

7210 + or - 10% max. 24°, min. 22°

7220 + 26.6% to 24°, no change to 24.5°, 24.5-25.5° bonus reduced 4% per 1/10 degree, - 60% above 25.5°; - 40% below 22.5°

22.5-23.5° BRIX

7330 No premium, - 10% max. 25°; min. acceptance 22.5°

7335 + or - 10%

22.5-24.5° BRIX

7340 No premium, - 12% 24.6-25° range, max. acceptance 25°; - 20% 22-22.4° range, min. acceptance 22°

7341 No premium, - 13% 24.6-25° range, max. acceptance 25°; - 20% 22-22.4° range, min. acceptance 22°

22.8° BRIX

7350 + or - 10% max. 24°, min. 22°

22.9° BRIX

7370 + 40% (23-26° range); no penalty

23° BRIX

7385 No premium; - 10% min. 20°

7387 No premium; - 10% min. 22°

7388 No premium; - 15% to 22°, - 20% min. 20°

7415 + or - 10%, min. 20°

23° BRIX (Cont'd)

7425 + or - 10% max. 24°, min. 22°

7440 + or - 10% max. 25°, min. 21°

7445 + or - 10% max. 25°, min. 22°

7450 + 10% max. 24°, no penalty

7473 + 15% max. 24°; - 15% to 22°, - 20% min. 19°

7490 + 15% to 24°, + 20% max. 26°; - 15% min. 22°

7535 + 20% max. 24°; - 10% min. 22°

7550 + 20% to 25°, 25-27° bonus reduced 2% per 1/10 degree, - 60% above 27° or below 23°

23-24° BRIX

7572 No premium; - 10% above or below

23.5° BRIX

7595 + 5%; no penalty

24° BRIX

7705 No premium, max. acceptance 25°; - 10% min. 22°

7707 No premium, - \$50.00 above 24°

7710 No premium; - 15% min. acceptance 23°

7725 + 10% max. 28°; - 10% to 23°, - 20% to 22°, - 30%

7730 + or - 10% max. 26°, min. 22°

26° BRIX

7900 + 5% max. 36°, min. acceptance 26°

NOTE: Brix adjustment factors added since release of the Preliminary Report for the 1981 crop are shown on page 38.

