

CALIFORNIA GRAPE ACREAGE 2005 CROP



April 2006

**CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
SACRAMENTO, CALIFORNIA**

MAP AND DEFINITIONS OF CALIFORNIA GRAPE PRICING DISTRICTS

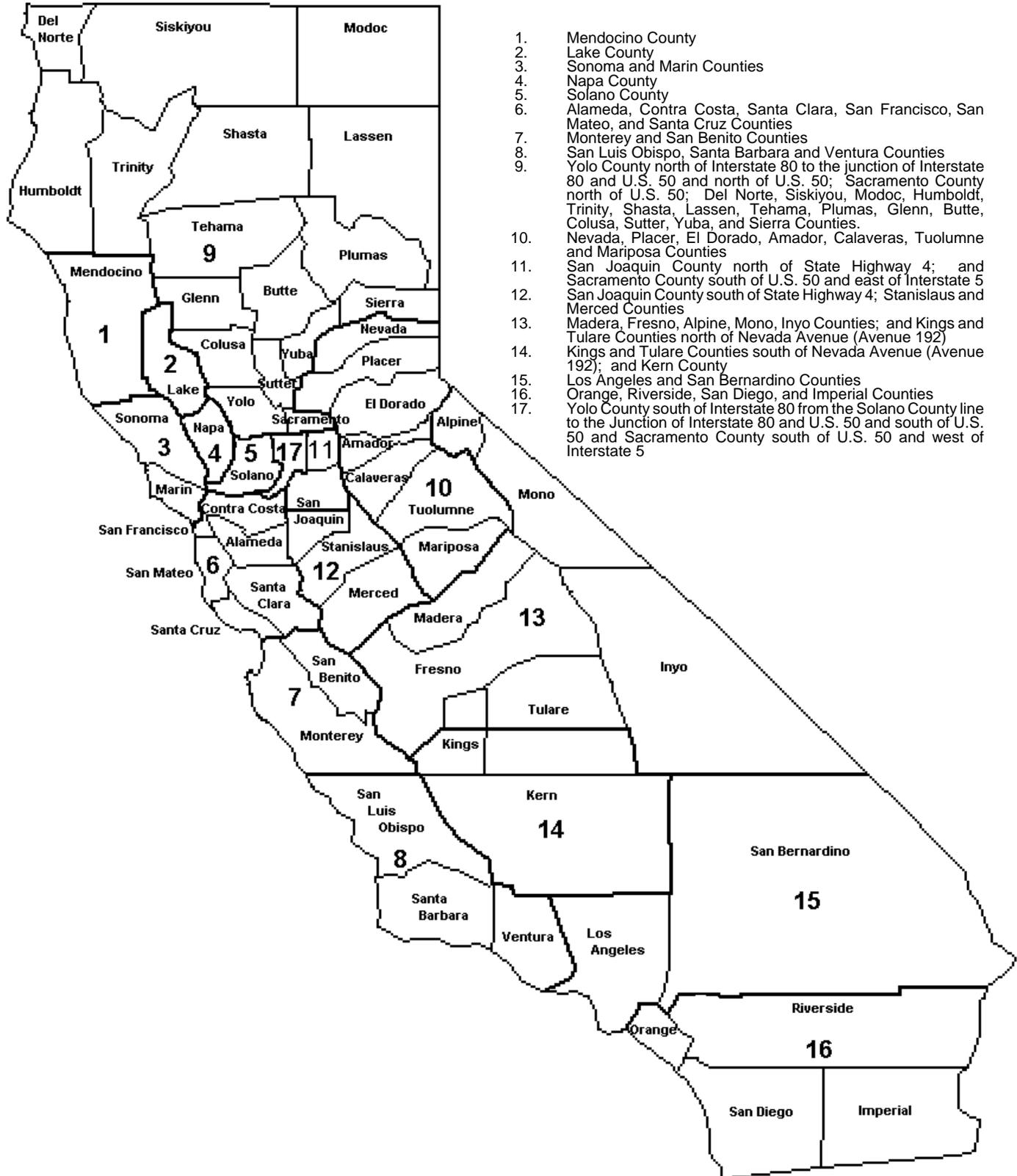


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SURVEY METHODS

The California Field Office of the USDA's National Agricultural Statistics Service (NASS) conducts an annual acreage survey of California grape growers. The purpose of this survey is to provide annual grape acreage with information on new plantings and removals. It is a continuation of a long series of industry-funded grape acreage surveys.

Users are cautioned that this report consists of two parts:

- ▶ Estimated grape acreage -- bearing, non-bearing, and total.
- ▶ Detailed data by variety, and year planted -- as voluntarily reported by grape growers and maintained in NASS' data base.

With perfect information, the estimated grape acreage and the detailed data would be the same. However, this will never be the case for the following reasons:

- ▶ A voluntary survey of approximately 9,000 grape growers is unlikely to ever attain 100 percent completeness.
- ▶ It is difficult for USDA, NASS to detect growers who are planting grapes for the first time.
- ▶ The detailed data reflects vine removals from more than 19,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2005 prior to being pulled out. As a result, harvested acreage removed in 2005 is included in the estimated acreage, but excluded from the detailed data.

PROCEDURES

The major source of the grape detailed data was a questionnaire mailed to all grape growers included on NASS' data base. The mailing was made in late September 2005 to approximately 9,000 grape growers. The questionnaire contained previously reported crop, variety, and acreage information preprinted. Producers were asked to update the information with new plantings, removals, and any other corrections; new growers were mailed a blank questionnaire. Growers were given six weeks to respond by mail. A telephone follow-up was then undertaken. Field personnel personally visited large growers who did not respond by mail.

To arrive at the estimated grape acreage, the NASS grape acreage data base was compared with data provided from the pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation.

DATA CLARIFICATIONS

Bearing and Non-bearing Acreage: For purposes of this publication, all varieties are considered non-bearing for three years (i.e., acres planted in 2002 would not be bearing until 2005). The only exceptions are the Thompson Seedless variety and all table type grapes in Imperial and Riverside counties, which are of bearing age after one year.

Grafting: Graftings on bearing acres are recorded as planted in the previous year (i.e., Chardonnay grafted in 2004 onto a 1980 variety is recorded as planted in 2003). This assumes that grafted vines will actually bear a full crop in two years as opposed to three years for a newly planted vine.

Varieties: Data are provided for each variety with 50 or more total acres standing in 2005. Acreage for all other varieties are combined in "Other" categories. Care was taken to properly identify each block reported with a recognized varietal name.

Rootstock: Most of the rootstock shown was planted in the past three years. However, some earlier plantings are included. When rootstock was budded over, the year of planting assigned to that block of grapes was the year preceding the budding. For instance, if a 2002 rootstock planting was budded over in 2004, the year of planting assigned to the selected variety was 2003. (See Grafting.) Nursery rootstock is not included.

Period Covered: The primary intent of the 2005 survey was to record removals of grapes since the 2004 harvest and new planting of grapes during 2005. Acreage abandoned in 2005 was excluded from bearing acreage. Planting activity is accounted for on a calendar-year basis.

Grape Crush Districts: Grape acreage data is also being published by grape crush districts (Table 10). A map with descriptions of those districts is located on the inside front cover.

RESULTS

California's 2005 wine-type grape acreage is estimated at 522,000 acres. Of the total acres, 477,000 were bearing and 45,000 were non-bearing. Table-type grape acreage totaled 93,000 acres with 83,000 bearing and 10,000 non-bearing. Acreage of raisin-type grapes totaled 246,000 acres, of which 240,000 were bearing and 6,000 were non-bearing.

The leading wine-type varieties continued to be Chardonnay and Cabernet Sauvignon. Flame Seedless was the leading table-type grape variety. Thompson Seedless continued to be the leading raisin-type variety and was utilized for raisins, fresh market, concentrate, and wine.

ESTIMATED GRAPE ACREAGE 1/

Type	2003	2004	2005	Percent Change
Raisin	260,000	248,000	246,000	-0.8
Bearing	255,000	244,000	240,000	-1.6
Non-Bearing	5,000	4,000	6,000	50.0
Table	93,000	92,000	93,000	1.1
Bearing	85,000	83,000	83,000	NC
Non-Bearing	8,000	9,000	10,000	11.1
Wine	529,000	513,000	522,000	1.8
Bearing	479,000	473,000	477,000	0.9
Non-Bearing	50,000	40,000	45,000	12.5
All Grapes	882,000	853,000	861,000	0.9
Bearing	819,000	800,000	800,000	NC
Non-Bearing	63,000	53,000	61,000	15.1

1/ Reported data with an allowance for incompleteness.

GRAPE BEARING ACREAGE STANDING BY MAJOR VARIETY AND TYPE a/

Variety and Type	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
	Acres									
Thompson Seedless	264,090	263,177	262,956	266,231	264,874	N/A	N/A	N/A	227,463	221,130
Other Raisin	5,460	6,399	6,887	6,816	7,785	N/A	N/A	N/A	11,522	12,137
TOTAL RAISIN	269,550	269,576	269,843	273,047	272,659	269,064	261,170	250,368	238,985	233,267
Autumn Royal	N/A	N/A	N/A	94	150	404	835	1,296	2,225	3,178
Calmeria	1,481	1,401	1,378	1,384	1,240	1,233	1,520	1,478	1,408	1,128
Crimson Seedless *	1,703	2,512	3,866	6,183	7,629	9,835	10,849	12,351	13,162	14,286
Emperor	4,785	4,511	3,940	3,299	2,851	2,578	2,254	2,051	1,499	1,108
Flame Seedless *	27,159	26,954	27,107	28,373	27,120	26,140	25,492	24,020	22,478	22,083
Perlette	5,289	5,149	4,997	5,089	4,594	4,327	4,191	3,497	3,025	2,774
Princess *	N/A	N/A	N/A	N/A	15	72	302	1,005	1,542	1,686
Red Globe *	7,827	9,584	11,953	14,436	15,605	15,347	15,430	14,159	13,064	12,749
Ruby Seedless *	7,023	7,539	7,803	7,789	7,165	6,262	6,011	5,323	4,794	4,312
Sugraone *	3,124	3,710	3,295	3,367	3,305	3,103	3,089	3,075	3,075	3,012
Other Table	16,032	15,357	14,934	14,444	14,104	12,931	12,397	11,059	11,305	11,117
TOTAL TABLE	74,423	76,717	79,273	84,458	83,778	82,232	82,370	79,314	77,577	77,433
Chardonnay *	62,883	65,058	70,629	80,998	89,272	93,316	92,193	94,164	93,431	92,089
Chenin Blanc	21,892	21,449	21,147	20,437	19,127	17,968	15,731	13,369	11,242	10,618
French Colombard	44,985	45,788	44,807	44,504	42,058	39,474	35,003	31,819	28,654	27,202
Sauvignon Blanc	10,580	9,819	9,403	9,608	10,808	12,257	12,345	12,489	13,030	14,082
Other White Wine	19,766	19,928	20,019	19,738	20,958	22,229	22,549	22,203	23,541	25,130
TOTAL WHITE WINE	160,106	162,042	166,005	175,285	182,223	185,244	177,821	174,044	169,898	169,121
Barbera	9,739	10,916	10,987	11,595	10,566	10,259	9,816	8,771	8,470	7,953
Cabernet Sauvignon	33,359	34,221	34,583	39,988	48,285	55,901	62,451	68,306	71,536	74,970
Carignane	7,732	7,811	7,620	7,629	7,145	6,642	6,028	5,129	4,502	3,982
Grenache *	10,902	11,117	10,754	11,167	10,841	10,576	9,460	8,489	7,576	6,801
Merlot	14,811	22,118	28,114	36,506	42,070	45,202	47,464	48,721	51,075	52,185
Petite Sirah	2,184	2,210	2,136	2,282	2,495	2,765	3,260	3,916	4,137	4,594
Pinot Noir	8,264	8,085	8,179	9,183	11,769	14,651	16,815	20,093	22,645	23,323
Rubired *	8,899	8,983	9,636	10,263	10,841	10,898	12,391	12,242	11,092	10,801
Ruby Cabernet	5,961	6,580	6,818	7,152	7,383	7,742	7,924	7,408	6,679	6,527
Syrah *	913	1,256	1,983	3,369	6,553	9,573	11,909	14,680	16,335	17,481
Zinfandel	36,249	40,942	43,380	46,000	47,152	47,312	47,542	47,655	48,743	48,969
Other Red Wine	12,210	12,601	12,752	14,333	15,964	17,930	18,297	18,078	17,608	18,434
TOTAL RED WINE	151,223	166,840	176,542	199,467	221,064	239,451	253,357	263,488	270,398	276,020
TOTAL WINE	311,329	328,882	342,547	374,752	403,287	424,695	431,177	437,532	440,296	445,141
ALL GRAPES	655,302	675,175	691,663	732,257	759,724	775,991	774,717	767,214	756,858	755,841

* Synonyms for variety names are shown on Page 3.

a/ Detailed data as voluntarily reported by grape growers and maintained in the NASS data base. Totals may not add due to rounding.

ESTIMATED WINE-TYPE GRAPE BEARING ACREAGE BY VARIETY 1/

Variety and Type	2003	2004	2005	Percent Change
Cabernet Sauvignon	74,800	76,000	79,000	4.0
Chardonnay *	103,000	99,000	97,500	-1.5
Chenin Blanc	14,600	12,000	11,400	-5.0
French Colombard	34,800	30,800	29,200	-5.2
Merlot	53,400	55,100	56,200	2.0
Rubired *	13,400	11,800	11,400	-3.4
Sauvignon Blanc	13,700	14,000	15,100	7.9
Syrah *	16,100	17,600	18,800	6.8
Zinfandel	52,200	52,700	52,900	0.4
Other Wine	103,000	104,000	105,500	1.4
TOTAL WINE	479,000	473,000	477,000	0.8

* Synonyms for variety names are shown on Page 3.

1/ Reported data with an estimated allowance for incompleteness.

ACKNOWLEDGMENTS

We sincerely thank the many farm operators, owners, and management firms providing the information. Funding was provided by an assessment on wine grapes plus funding from the California Table Grape Commission and the Raisin Administrative Committee.

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Grape Variety Synonyms

Alicante Bouschet – Alicante
Beauty Seedless – Black Beauty
Black Corinth – Zante Current
Burger – Monbadon
Chardonnay – Pinot Chardonnay
Cinsault or Cinsaut – Black Malvoisie, Black Malvasia
Crimson Seedless – Red Crimson
Emerald Seedless – Black Seedless
Flame Seedless -- Red Flame
Gamay (Napa) – Gamay, Valdiguie
Grenache -- Grenache Noir

Italia – Muscat Italia
Malaga -- White Malaga
Malvasia Bianca – Vennentino, Vermintino
Mataro – Mourvedre
Meunier -- Pinot Meunier
Muscat Blanc – Muscat Canelli, Muscat Blanc A Petits Grains
Muscat Hamburg – Black Muscat
Palomino – Golden Chasselas
Pinot Gris – Pinot Grigio
Princess -- Melissa
Red Globe – Rose Ito

Rubired – Tintoria
Ruby Seedless – King Ruby
Sangiovese -- Sangioveseto, Brunello
St. Emilion – Ugni Blanc, Trebbiano
Sugraone – Superior Seedless
Syrah -- Syrah Noir, French Syrah, Shiraz
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Touriga Nacional – Touriga
White Riesling – Johannisberg Riesling, Riesling