

# California Grape Acreage Report, 2013 Summary



## California Department of Food and Agriculture

Cooperating with the USDA, National Agricultural Statistics Service, Pacific Regional Office

Pacific Regional Office · P.O. Box 1258 · Sacramento, CA 95812 · (916) 498-5161 · (855) 270-2722 Fax · [www.nass.usda.gov/ca](http://www.nass.usda.gov/ca)

Released: April 15, 2014

### RESULTS

California's 2013 grape acreage totaled 878,000 acres. Of the total grape acreage, 820,000 were bearing while 58,000 were non-bearing. The wine-type grape acreage is estimated at 570,000 acres. Of the total acres, 525,000 were bearing and 45,000 were non-bearing. Table-type grape acreage totaled 105,000 acres with 95,000 bearing and 10,000 non-bearing. Acreage of raisin-type grapes totaled 203,000 acres, of which 200,000 were bearing and 3,000 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.

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 8,500 grape growers is unlikely to ever attain 100 percent completeness.
- It is difficult to detect growers who are planting grapes for the first time.
- The detailed data reflects vine removals from about 7,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2013 prior to being pulled out. As a result, harvested acreage removed in 2013 is included in the estimated acreage, but excluded from the detailed data.

ESTIMATED GRAPE ACREAGE 1/				
Type	2011	2012	2013	Percent Change
Raisin	209,000	203,000	203,000	(NC)
Bearing	205,000	200,000	200,000	(NC)
Non-Bearing	4,000	3,000	3,000	(NC)
Table	96,000	98,000	105,000	7.1
Bearing	85,000	85,000	95,000	11.8
Non-Bearing	11,000	13,000	10,000	-23.1
Wine	543,000	546,000	570,000	4.4
Bearing	506,000	508,000	525,000	3.3
Non-Bearing	37,000	38,000	45,000	18.4
All Grapes	848,000	847,000	878,000	3.7
Bearing	796,000	793,000	820,000	3.4
Non-Bearing	52,000	54,000	58,000	7.4

1/ Reported data with an allowance for incompleteness.  
(NC) No Change

### OBJECTIVES

The California Department of Food and Agriculture partners with the Pacific Regional Office of the USDA's National Agricultural Statistics Service (NASS) to conduct 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.

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 our database.

### PROCEDURES

The major source of the grape detailed data was a questionnaire mailed to all grape growers from our database. The mailing was made in late November 2013 to approximately 8,500 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 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.

### 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.

Several County Agricultural Commissioners provided a significant number of individual grower changes. We would particularly acknowledge the work of the Merced, Napa, and Sonoma county staff.

VIC TOLOMEO, Director  
DAVE DEWALT & KELLY KRUG, Deputy Directors

JENNIFER VAN COURT  
Statistician – Estimates Group

**TABLE 1 - ALL GRAPES: ACREAGE STANDING BY TYPE, BY YEAR PLANTED, CALIFORNIA 1/**

Type	2005 and Earlier	2006	2007	2008	2009	2010	2011	2012	2013	2013			2012 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	187,254	1,532	1,115	655	1,138	661	1,148	596	219	192,354	1,962	194,316	196,002
Table	63,713	3,688	4,154	3,801	3,138	5,546	2,977	3,043	1,152	84,133	7,079	91,212	90,474
Wine	408,852	15,343	14,058	12,562	8,573	9,673	7,252	9,970	7,909	469,061	25,131	494,192	478,409
White	150,869	6,034	6,446	5,512	3,463	3,974	3,410	3,433	2,352	176,299	9,196	185,495	180,238
Red	257,983	9,308	7,612	7,051	5,110	5,699	3,842	6,537	5,557	292,763	15,935	308,698	298,172
Grapes													
Excl. Rootstock	659,819	20,562	19,327	17,018	12,849	15,880	11,378	13,609	9,280	745,548	34,173	779,720	764,885
Rootstock	436	21	23	123	155	62	109	12	155	0	0	1,096	951
All Grapes	660,254	20,583	19,350	17,141	13,004	15,942	11,486	13,621	9,435	745,548	34,173	780,816	765,836

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2011, 2012 and 2013. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

**TABLE 2 - RAISIN TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/**

Variety	2005 and Earlier	2006	2007	2008	2009	2010	2011	2012	2013	2013			2012 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,619	8	0	0	4	13	7	43	0	1,645	50	1,694	1,684
Dovine	584	7	0	0	0	0	0	18	0	591	18	609	601
Fiesta	11,550	401	144	115	196	55	24	92	0	12,461	116	12,577	12,707
Negrita Black	76	0	0	0	0	0	0	0	0	76	0	76	76
Selma Pete	1,674	414	512	345	313	365	548	222	145	3,622	915	4,538	4,277
Sultana	114	0	30	0	0	0	0	0	0	144	0	144	201
Thompson Seedless	171,226	556	404	191	414	227	561	214	74	173,017	849	173,866	175,465
Other Raisin	410	146	25	4	212	1	9	6	0	798	15	813	991
Total Raisin	187,254	1,532	1,115	655	1,138	661	1,148	596	219	192,354	1,962	194,316	196,002

\* Synonyms for variety names are shown on Page 6.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2011, 2012 and 2013. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

**TABLE 3 - TABLE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/**

Variety	2005 and Earlier	2006	2007	2008	2009	2010	2011	2012	2013	2013			2012 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Arra	315	0	0	14	0	0	0	10	10	329	20	349	339
Autumn King	65	78	503	661	529	1,010	526	461	72	2,846	1,058	3,905	3,206
Autumn Royal	3,817	149	82	140	62	63	60	117	69	4,312	245	4,558	4,457
Autumn Seedless	66	21	19	0	38	0	0	0	0	144	0	144	144
Beauty Seedless *	199	0	0	0	0	0	0	0	2	199	2	201	205
Black Monukka	77	0	0	0	0	0	0	0	0	77	0	77	77
Black Morocco	290	0	0	0	0	0	0	0	0	290	0	290	273
Blanc Seedless	305	0	72	0	0	0	0	0	0	377	0	377	377
Calmeria	545	0	8	0	0	0	0	10	0	553	10	563	583
Castlerock Red	31	0	151	0	0	0	0	0	0	182	0	182	182
Christmas Rose	298	0	0	0	0	0	0	0	0	298	0	298	348
Concord	101	0	1	8	0	9	1	1	2	119	4	124	101
Crimson Seedless *	11,270	209	220	273	352	43	0	39	0	12,367	40	12,407	13,161
Early Muscat	79	0	0	0	0	0	0	0	0	79	0	79	79
Early Sweet	84	0	0	0	0	0	0	0	0	84	0	84	84
Emerald Seedless *	379	30	15	54	33	25	0	0	0	536	0	536	567
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	80
Emperor	497	0	0	0	0	0	0	0	0	497	0	497	567
Fantasy Seedless	656	0	0	23	16	6	1	70	6	701	77	778	761
Flame Seedless *	16,891	230	217	149	327	155	209	86	8	17,969	302	18,270	18,885
Flame Tokay	153	0	67	0	0	0	0	0	0	220	0	220	270
Flaming Red	112	0	0	0	0	0	0	0	0	112	0	112	112
Golden Globe	326	0	0	0	0	0	0	42	0	326	42	368	326
Jade Seedless	76	0	0	0	0	0	0	0	0	76	0	76	76
Kyoho	76	2	0	0	0	5	0	0	0	83	0	83	81
Luisco	33	0	38	38	20	127	49	147	38	256	234	490	419
Malaga *	57	0	0	0	0	0	0	0	0	57	0	57	48
Marroo Seedless	98	0	0	0	0	0	0	0	3	98	3	101	101
Muscat Flame	43	0	0	0	37	523	0	0	0	603	0	603	603
Niabel	46	49	0	0	2	0	0	0	0	97	0	97	97
Nicolo	41	0	0	0	19	0	0	0	20	60	20	80	60
Olivette Blanche *	9	0	0	0	0	15	0	36	0	24	36	60	23
Perlette	990	34	0	0	0	0	0	0	0	1,024	0	1,024	1,405
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	2,134	798	138	117	67	101	21	32	48	3,355	102	3,457	3,487
Red Globe *	9,839	126	165	139	193	230	187	37	96	10,692	320	11,012	11,172
Ribier	210	0	0	0	0	0	0	0	0	210	0	210	212
Rouge	461	0	0	0	0	0	0	0	0	461	0	461	461
Royal Black Seedless	54	0	0	0	0	3	0	0	0	57	0	57	57
Ruby Seedless *	2,316	77	0	0	0	2	142	0	0	2,395	142	2,537	2,671
Scarlet	44	143	468	42	0	2	0	0	67	699	67	765	552
Scarlet Royal	160	492	537	1,213	411	894	411	325	84	3,767	758	4,525	4,035
Sugranineteen	283	162	293	0	0	0	0	0	0	738	0	738	738
Sugraone *	4,341	310	374	134	172	323	66	48	84	5,686	167	5,853	5,189
Sugrasixteen	67	0	0	0	0	18	0	0	0	85	0	85	85
Sugrathirteen	340	0	96	0	0	0	0	0	0	435	0	435	435
Summer Royal	489	175	166	32	22	17	13	43	9	902	65	967	935
Sweet Celebration	0	0	0	0	3	332	52	211	0	335	263	597	484
Sweet Scarlet	106	66	0	0	164	73	1	0	0	409	0	409	333
Sweet Sunshine	0	0	0	0	98	0	0	0	0	98	0	98	98
Thomcord	0	1	9	0	0	14	12	5	23	24	40	64	38
Timco	20	0	0	0	19	0	54	106	76	39	235	274	150
Tudor	11	0	0	0	0	0	0	0	40	11	40	51	11
Vintage Red	230	88	19	232	135	119	233	48	135	823	416	1,239	983
90-3618	183	0	0	0	72	0	0	0	0	255	0	255	183
Other Table	4,244	449	495	532	348	1,438	940	1,171	261	7,506	2,372	9,879	9,994
<b>Total Table</b>	<b>63,713</b>	<b>3,688</b>	<b>4,154</b>	<b>3,801</b>	<b>3,138</b>	<b>5,546</b>	<b>2,977</b>	<b>3,043</b>	<b>1,152</b>	<b>84,133</b>	<b>7,079</b>	<b>91,212</b>	<b>90,474</b>

\* Synonyms for variety names are shown on Page 6.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2011, 2012 and 2013. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

**TABLE 4 - WHITE WINE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/**

Variety	2005 and Earlier	2006	2007	2008	2009	2010	2011	2012	2013	2013			2012 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Albarino	43	16	48	10	64	15	20	2	0	194	23	217	180
Burger *	1,162	0	0	0	0	0	0	0	0	1,162	0	1,162	1,165
Catarratto	110	5	2	25	0	7	8	0	2	149	10	159	175
Chardonnay *	85,446	1,528	1,769	2,714	1,874	1,524	923	676	1,517	94,854	3,115	97,970	95,074
Chenin Blanc	5,716	38	29	1	12	25	81	50	16	5,820	147	5,967	6,090
Emerald Riesling	152	0	0	0	0	0	0	0	0	152	0	152	152
French Colombard	19,185	429	661	46	34	310	364	1,528	166	20,666	2,058	22,723	22,487
Gewurztraminer	1,195	285	18	9	125	25	176	226	23	1,656	425	2,082	1,752
Grenache Blanc	160	24	34	36	5	13	9	13	39	272	62	334	267
Gruener Veltliner	0	0	54	28	0	0	10	1	0	83	11	94	87
Malvasia Bianca	1,133	27	12	1	10	2	84	1	1	1,186	86	1,273	1,306
Marsanne	100	5	1	10	3	3	0	3	1	122	4	126	114
Moscato Gaillo *	40	0	0	0	0	0	0	150	0	40	150	190	40
Muscat Blanc *	1,277	301	70	49	45	273	354	133	36	2,014	523	2,536	2,293
Muscat of Alexandria	2,806	296	9	0	123	426	645	169	43	3,659	856	4,515	4,180
Muscat Orange	212	14	21	1	10	0	49	67	0	259	116	374	329
Palomino *	236	0	0	0	0	0	0	0	0	236	0	236	289
Pinot Blanc	354	31	2	3	21	0	7	3	0	411	10	421	425
Pinot Gris *	7,699	790	1,862	1,845	811	190	97	108	352	13,196	557	13,752	12,866
Roussanne	230	30	26	30	3	11	5	3	2	330	11	340	324
Sauvignon Blanc	13,538	390	548	321	131	174	148	101	93	15,103	341	15,444	15,259
Sauvignon Musque	207	8	3	1	11	8	0	1	0	238	1	239	229
Semillon	743	32	20	10	7	3	3	0	2	815	5	819	833
St. Emilion *	198	0	0	0	0	0	0	2	0	198	2	200	199
Symphony	762	1	139	0	0	570	232	0	0	1,472	232	1,703	1,610
Tocai Friulano	114	0	1	0	0	0	5	0	0	115	5	120	126
Triplett Blanc	268	441	236	0	0	0	0	0	4	944	4	948	868
Verdelho	31	33	22	2	2	0	5	16	3	90	25	115	92
Viognier	2,259	332	167	122	79	30	31	15	4	2,988	51	3,039	3,001
White Riesling *	2,061	817	658	218	80	265	44	143	8	4,100	195	4,294	4,452
Other White Wine	3,435	161	35	31	14	100	112	23	41	3,776	176	3,952	3,971
<b>Total White Wine</b>	<b>150,869</b>	<b>6,034</b>	<b>6,446</b>	<b>5,512</b>	<b>3,463</b>	<b>3,974</b>	<b>3,410</b>	<b>3,433</b>	<b>2,352</b>	<b>176,299</b>	<b>9,196</b>	<b>185,495</b>	<b>180,238</b>

\* Synonyms for variety names are shown on Page 6.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2011, 2012 and 2013.

**TABLE 5 - RED WINE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/**

Variety	2005 and Earlier	2006	2007	2008	2009	2010	2011	2012	2013	2013			2012 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Aglianico	30	1	13	2	2	8	4	0	3	56	7	62	57
Alicante Bouschet *	844	24	36	14	14	0	1	3	1	932	4	937	1,091
Barbera	5,808	35	22	97	15	22	10	71	4	6,000	84	6,084	6,328
Cabernet Franc	2,977	131	95	113	53	62	35	77	44	3,431	156	3,587	3,429
Cabernet Sauvignon	72,880	887	1,499	1,188	1,774	1,577	998	2,830	2,626	79,805	6,454	86,258	80,629
Carignane	2,553	21	2	52	7	0	4	305	7	2,634	316	2,950	2,558
Carmenere	54	0	2	1	0	1	1	0	0	57	1	58	56
Carnelian	419	19	0	0	0	0	0	0	0	438	0	438	514
Centurian	84	0	0	0	0	0	0	0	0	84	0	84	84
Charbono	76	4	6	0	2	0	1	0	0	88	1	89	88
Cinsaut *	68	3	2	3	1	4	0	2	0	79	2	82	86
Counoise	36	10	1	3	1	4	4	0	0	53	4	58	56
Dolcetto	91	4	6	1	5	3	0	0	0	109	1	110	111
Dornfelder	45	0	0	1	0	0	19	0	0	46	19	65	48
Gamay (Napa) *	285	1	0	0	0	0	3	10	0	287	13	299	290
Grenache *	5,412	129	146	129	81	38	73	101	28	5,936	201	6,137	6,020
Malbec	1,348	116	110	114	82	535	394	621	60	2,305	1,075	3,379	2,689
Mataro *	786	29	36	27	40	34	37	24	10	951	71	1,022	954
Merlot	42,792	744	149	123	404	323	335	160	266	44,535	762	45,296	45,689
Meunier *	164	6	13	0	22	0	0	0	0	204	0	204	204
Mission	713	0	0	0	3	0	0	0	1	717	1	717	643
Montepulciano	64	5	2	1	0	10	0	2	8	81	11	92	92
Muscat Hamburg *	191	7	8	0	2	137	79	12	0	345	91	436	661
Nebbiolo	142	4	1	1	12	2	6	0	0	162	6	167	165
Petit Verdot	1,742	87	127	115	53	152	127	48	87	2,276	262	2,537	2,228
Petite Sirah	6,842	476	340	264	174	341	429	413	296	8,438	1,138	9,576	8,637
Pinot Noir	26,324	3,819	3,323	3,592	1,137	804	604	672	1,026	38,999	2,302	41,301	39,610
Pinotage	23	0	1	30	0	0	0	0	0	53	0	53	58
Primitivo	177	42	50	15	25	21	12	88	347	328	446	774	305
Royalty	152	0	0	0	78	0	0	0	0	230	0	230	230
Rubired *	9,661	442	105	390	551	775	388	192	8	11,923	588	12,511	12,220
Ruby Cabernet	5,186	280	176	7	0	114	0	125	0	5,764	125	5,889	6,074
Salvador	68	0	0	0	0	0	0	0	0	68	0	68	66
Sangiovese *	1,631	33	19	29	76	34	29	13	3	1,823	45	1,868	1,894
Souzao	67	0	8	4	0	0	0	7	2	79	9	88	86
Syrah *	17,629	445	391	191	69	67	44	123	61	18,791	228	19,019	18,798
Tannat	162	10	61	17	4	36	7	148	4	290	158	449	384
Tempranillo *	582	94	82	9	41	32	4	13	26	840	43	884	925
Teroldego	75	3	1	0	1	2	5	0	15	82	20	101	87
Touriga Francesca	46	0	0	9	0	0	0	0	0	55	0	55	47
Touriga Nacional *	176	79	9	1	1	4	0	0	1	269	1	270	257
Zinfandel	44,505	1,291	735	360	354	378	70	440	504	47,624	1,014	48,638	47,603
Other Red Wine	5,074	27	40	149	28	180	122	37	120	5,498	280	5,777	6,126
<b>Total Red Wine</b>	<b>257,983</b>	<b>9,308</b>	<b>7,612</b>	<b>7,051</b>	<b>5,110</b>	<b>5,699</b>	<b>3,842</b>	<b>6,537</b>	<b>5,557</b>	<b>292,763</b>	<b>15,935</b>	<b>308,698</b>	<b>298,172</b>

\* Synonyms for variety names are shown on Page 6.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2011, 2012 and 2013.

### Grape Variety Synonyms

Alicante Bouschet \*-Alicante  
Beauty Seedless \*-Black Beauty  
Black Prince \*-Rose of Peru  
Blaufraenkisch \*-Lemberger  
Burger \*-Monbadon  
Chardonnay \*-Pinot Chardonnay,  
Chardonnay Musque  
Cinsaut \*-Black Malvoisie, Black Malvasia  
Crimson Seedless \*-Red Crimson  
Emerald Seedless \*-Black Seedless  
Flame Seedless \*-Red Flame  
Gamay (Napa) \*-Gamay, Valdiguie  
Gray Riesling \*-Trousseau Gris  
Grenache \*-Grenache Noir

Italia \*-Muscat Italia  
Malaga \*-White Malaga  
Mataro \*-Mourvedre  
Meunier \*-Pinot Meunier  
Moscato Gaillo \*-Muscat Yellow  
Muscat Blanc \*-Muscat Canelli,  
Muscat Blanc A Petits Grains  
Muscat Hamburg \*-Black Muscat  
Negrette \*-Pinot St. George  
Nero D'Avola \*-Calabrese  
Palomino \*-Golden Chasselas  
Pinot Gris \*-Pinot Grigio  
Princess \*-Melissa  
Red Globe \*-Rose Ito

Refosco \*-Mondeuse  
Ribolla Gialla \*-Rebolla  
Rubired \*-Tintoria  
Ruby Seedless \*-King Ruby  
Sangiovese \*-Sangiovetto, Brunello  
Sauvignon Vert \*-Muscadelle  
St. Emilion \*-Ugni Blanc, Trebbiano  
Syrah \*-French Syrah, Shiraz, Syrah Noir  
Tempranillo \*-Tinta Roriz, Valdepenas  
Touriga Nacional \*-Touriga  
Trousseau \*-Bastardo  
Vermentino \*-Vennentino  
White Riesling \*-Johannisberg Riesling,  
Riesling

\* indicates the published name includes more than one variety name

**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATIONAL AGRICULTURAL STATISTICS SERVICE  
PACIFIC REGIONAL OFFICE  
POST OFFICE BOX 1258  
SACRAMENTO, CALIFORNIA 95812**

**CALIFORNIA GRAPE ACREAGE REPORT**  
April 15, 2014

PRSR STD  
POSTAGE & FEES PAID  
USDA  
PERMIT NO. G-38

**ADDRESS SERVICE REQUESTED**

The detailed *CALIFORNIA GRAPE ACREAGE REPORT, 2013 CROP* entire bulletin,  
as well as individual tables, is available free-of-charge at [www.nass.usda.gov/ca](http://www.nass.usda.gov/ca)