



California Grape Acreage Report, 2017 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) 738-6600 · (855) 270-2722 Fax · www.nass.usda.gov/ca

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RESULTS

California's 2017 grape acreage totaled 880,000 acres. Of the total grape acreage, 829,000 were bearing while 51,000 were non-bearing. The wine-type grape acreage is estimated at 599,000 acres. Of the total acres, 560,000 were bearing and 39,000 were non-bearing. Table-type grape acreage totaled 121,000 acres with 111,000 bearing and 10,000 non-bearing. Acreage of raisin-type grapes totaled 160,000 acres, of which 158,000 were bearing and 2,000 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	2015	2016	2017	Percent Change
Raisin	186,000	172,000	160,000	-7.0
Bearing	184,000	170,000	158,000	-7.1
Non-Bearing	2,000	2,000	2,000	(NC)
Table	124,000	123,000	121,000	-1.6
Bearing	112,000	111,000	111,000	(NC)
Non-Bearing	12,000	12,000	10,000	-16.7
Wine	608,000	602,000	599,000	-0.5
Bearing	560,000	560,000	560,000	(NC)
Non-Bearing	48,000	42,000	39,000	-7.1
All Grapes	918,000	897,000	880,000	-1.9
Bearing	856,000	841,000	829,000	-1.4
Non-Bearing	62,000	56,000	51,000	-8.9

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.

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 8,300 grape growers is unlikely to 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 22,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2017 prior to being pulled out. As a result, harvested acreage removed in 2017 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 from our database. The mailing was sent in late October 2017 to approximately 8,300 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.

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

Type	2009 and Earlier	2010	2011	2012	2013	2014	2015	2016	2017	2017			2016 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	145,288	607	940	1,336	385	641	607	161	220	149,197	989	150,186	157,410
Table	60,624	5,261	3,978	4,948	2,713	4,771	4,086	2,738	1,625	82,769	7,974	90,743	91,661
Wine	401,387	10,425	8,421	13,764	13,894	12,548	8,134	6,329	4,814	460,438	19,277	479,715	482,641
White	147,603	4,682	4,064	5,582	4,596	4,397	2,536	1,708	1,710	170,925	5,954	176,879	178,771
Red	253,784	5,743	4,356	8,182	9,298	8,150	5,598	4,621	3,105	289,512	13,323	302,836	303,871
Grapes													
Excluding Rootstock	607,299	16,292	13,339	20,047	16,992	17,960	12,828	9,228	6,659	692,404	28,240	720,644	731,712
Rootstock	497	63	84	12	84	121	33	76	30	-	-	999	994
All Grapes	607,795	16,355	13,423	20,060	17,075	18,081	12,861	9,304	6,689	692,404	28,240	721,643	732,706

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2015, 2016 and 2017. 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	2009 and Earlier	2010	2011	2012	2013	2014	2015	2016	2017	2017			2016 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,335	14	7	42	0	0	0	6	0	1,397	6	1,403	1,523
Dovine	538	0	0	18	0	0	0	0	0	556	0	556	562
Fiesta	11,206	55	24	646	12	168	104	55	0	12,110	159	12,269	12,381
Selma Pete	3,119	386	536	328	259	140	325	52	129	4,769	506	5,275	5,063
Sultana	119	0	0	0	0	0	0	0	0	119	0	119	123
Thompson Seedless	128,320	152	374	297	84	172	179	34	80	129,397	293	129,690	136,873
Other Raisin	651	0	0	6	31	161	0	14	12	849	26	875	884
Total Raisin	145,288	607	940	1,336	385	641	607	161	220	149,197	989	150,186	157,410

* Synonyms for variety names are shown on Page 5.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2015, 2016 and 2017. 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	2009 and Earlier	2010	2011	2012	2013	2014	2015	2016	2017	2017			2016 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Adora	0	0	0	0	0	0	75	0	0	0	75	75	0
Allison	134	0	184	72	0	35	370	407	94	425	871	1,296	1,251
Arra	340	0	0	10	54	0	0	22	0	404	22	426	474
Autumn King	2,107	1,092	783	887	154	812	217	252	180	5,833	649	6,482	6,111
Autumn Royal	3,242	73	98	209	127	299	68	113	23	4,049	204	4,252	4,453
Beauty Seedless *	174	0	0	0	2	0	0	0	0	176	0	176	176
Big Green	0	0	0	0	75	0	0	0	0	75	0	75	75
Black Emerald	72	0	0	0	0	0	0	0	0	72	0	72	44
Black Morocco	232	0	0	0	0	0	0	0	0	232	0	232	271
Blanc Seedless	279	0	0	0	0	109	215	138	0	388	353	741	403
Calmeria	418	0	0	0	0	0	0	0	0	418	0	418	428
Candy Snaps	0	0	0	0	0	40	0	0	36	40	36	76	0
Castlerock Red	182	0	0	0	0	0	0	0	0	182	0	182	182
Christmas Rose	83	0	0	0	0	0	0	0	0	83	0	83	100
Concord	48	0	2	1	2	0	0	0	9	53	9	62	118
Cotton Candy	0	0	0	105	231	0	34	0	281	336	315	651	406
Crimson Seedless *	7,931	61	0	232	109	75	140	0	0	8,408	140	8,548	9,387
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 *	203	25	0	60	0	32	0	0	0	320	0	320	374
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	80
Emperor	451	0	0	0	0	0	0	0	0	451	0	451	451
Esteem	160	0	0	0	0	0	0	0	0	160	0	160	160
Fantasy Seedless	557	0	0	111	0	0	0	25	0	668	25	693	702
Flame Seedless *	13,912	126	226	227	196	252	155	278	15	15,007	378	15,385	15,499
Flame Tokay	151	0	0	0	0	0	0	0	0	151	0	151	166
Flaming Red	39	0	0	0	0	0	0	20	0	39	20	59	59
Funny Fingers	0	0	0	0	0	0	0	0	74	0	74	74	0
Golden Globe	306	0	0	0	0	0	0	0	0	306	0	306	306
Grape King	43	0	0	0	0	16	0	0	0	59	0	59	59
Great Green	158	0	0	0	0	105	84	6	18	263	108	371	255
Jacks Salute	40	0	207	0	10	0	64	0	0	257	64	321	281
Jade Seedless	76	0	0	0	0	0	0	0	0	76	0	76	76
Jubilee	0	0	0	0	13	77	72	0	0	90	72	162	175
Krissy	23	0	0	49	94	60	64	219	153	226	436	662	400
Kyoho	16	0	0	0	0	9	21	0	23	25	44	69	46
Luisco	152	178	93	147	38	13	0	0	0	621	0	621	621
Magenta	6	0	0	0	0	0	15	36	52	6	103	109	34
Muscat Flame	127	0	0	0	25	0	0	0	0	153	0	153	153
Niabell	97	0	0	0	0	0	0	0	0	97	0	97	97
Nicolo	19	0	0	41	20	0	20	0	0	80	20	100	100
Olivette Blanche *	6	15	0	36	0	0	0	0	0	57	0	57	57
Packinghouse Culls	38	0	0	0	0	48	0	0	0	86	0	86	38
Perlette	911	0	0	0	0	18	0	0	0	929	0	929	929
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	2,348	43	21	32	23	0	61	0	0	2,468	61	2,528	2,865
Pristine	362	12	0	39	0	39	0	0	0	451	0	451	451
Raspberry Lemonade	0	0	0	0	0	0	79	0	0	0	79	79	79
Red Globe *	6,088	176	239	102	63	455	0	0	20	7,123	20	7,143	7,923
Ribier	173	0	0	0	0	8	0	0	0	180	0	180	184
Royal Black Seedless	54	3	0	0	0	0	0	0	0	57	0	57	57
Ruby Seedless *	1,584	2	142	0	0	85	18	0	0	1,813	18	1,831	2,038
Scarlet	631	2	0	0	65	0	52	1	0	733	17	750	760
Scarlet Royal	3,380	911	812	528	397	760	429	259	197	6,833	840	7,673	7,254
Sheegene 21	31	0	0	0	54	228	290	115	296	313	700	1,013	583
Sugranineteen	647	0	0	0	0	0	0	0	0	647	0	647	647
Sugraone *	4,129	356	75	108	114	59	221	86	0	4,985	163	5,148	5,069
Sugrasixteen	67	0	0	0	0	0	75	0	0	142	0	142	142
Sugrathirteen	480	0	0	0	0	0	7	0	0	487	0	487	487
Sugrathirtyeight	0	0	0	0	0	0	32	50	0	82	0	82	82
Summer Crunch	0	0	0	0	0	0	74	119	0	0	193	193	193
Summer Royal	818	15	13	57	43	10	67	0	0	956	67	1,024	1,100
Sweet Celebration	87	293	13	510	76	37	0	0	0	1,017	0	1,017	1,021
Sweet Globe	0	0	0	0	0	0	180	65	0	0	245	245	245
Sweet Sapphire	0	0	0	0	70	183	195	0	0	254	195	449	413
Sweet Scarlet	320	176	93	0	35	68	35	0	0	692	35	728	728
Sweet Sunshine	98	0	0	0	0	0	0	0	0	98	0	98	98
Thomcord	14	1	3	12	25	5	19	18	0	60	38	97	87
Timco	54	0	175	99	96	87	64	214	61	510	339	848	781
Tudor	11	0	0	0	40	0	0	0	0	51	0	51	51
Vintage Red	499	126	72	79	227	101	72	29	0	1,103	101	1,204	1,252
90-3618	255	0	0	0	0	0	0	0	0	255	0	255	255
Other Table	5,440	1,574	727	1,198	237	647	501	267	94	9,839	846	10,685	11,579
Total Table	60,624	5,261	3,978	4,948	2,713	4,771	4,086	2,738	1,625	82,769	7,974	90,743	91,661

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2015, 2016 and 2017. 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	2009 and Earlier	2010	2011	2012	2013	2014	2015	2016	2017	2017			2016 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Albarino	213	14	20	2	3	18	10	33	36	269	79	347	307
Arneis	41	11	0	2	0	1	0	0	0	55	0	55	53
Burger *	848	0	0	0	0	0	0	0	0	848	0	848	857
Catarratto	99	0	0	0	0	0	0	0	0	99	0	99	124
Chardonnay *	83,507	1,547	1,025	1,075	1,984	1,905	976	820	612	91,043	2,408	93,452	94,532
Chenin Blanc	4,213	25	83	68	27	322	7	44	2	4,737	53	4,790	4,879
French Colombard	14,665	496	515	2,007	857	315	5	35	14	18,853	54	18,907	18,961
Gewurztraminer	1,244	7	139	233	2	8	4	0	0	1,633	4	1,636	1,614
Grenache Blanc	213	11	13	17	43	9	6	3	14	306	23	329	335
Gruner Veltliner	125	26	9	4	2	0	0	17	0	166	17	183	170
Malvasia Bianca	1,017	2	84	1	2	0	0	4	0	1,106	4	1,110	1,139
Marsanne	103	5	0	3	4	4	1	0	1	120	1	121	121
Moscato Gaillo *	1	0	0	150	0	0	0	0	0	151	0	151	151
Muscat Blanc *	1,622	228	257	536	306	50	1	1	0	2,998	2	3,001	2,994
Muscat of Alexandria	1,900	947	1,026	527	219	0	0	1	0	4,619	1	4,620	4,901
Muscat Orange	228	0	49	79	8	3	0	11	0	366	11	377	376
Palomino *	155	0	0	0	0	0	0	0	0	155	0	155	169
Pinot Blanc	287	0	7	3	0	0	0	3	0	297	3	299	301
Pinot Gris *	11,923	185	45	188	727	1,528	1,246	509	529	14,596	2,284	16,880	16,718
Roussanne	273	18	8	5	4	9	3	4	1	316	7	323	339
Sauvignon Blanc	13,069	185	225	274	143	104	231	167	454	14,000	852	14,851	14,752
Sauvignon Musque	245	7	76	1	0	0	4	3	0	329	6	335	339
Sauvignon Vert *	13	0	40	0	0	0	0	0	0	53	0	53	53
Semillon	543	3	15	1	3	7	1	4	2	571	7	578	679
St. Emilion *	96	0	0	3	0	0	1	0	0	99	1	100	200
Symphony	677	577	230	0	0	0	0	8	0	1,484	8	1,492	1,579
Tocai Friulano	47	0	4	0	0	0	0	0	0	51	0	51	51
Triplett Blanc	981	0	0	0	4	0	0	0	0	985	0	985	1,020
Verdelho	89	0	5	16	3	35	0	2	0	147	2	149	156
Vermantino *	27	8	6	13	7	22	6	3	0	82	9	91	89
Viognier	2,581	24	10	20	20	39	4	11	0	2,695	15	2,710	2,774
White Riesling *	3,010	272	55	342	158	4	2	6	1	3,840	9	3,849	4,009
Other White Wine	3,553	85	120	12	70	17	30	21	44	3,857	95	3,951	4,031
Total White Wine	147,603	4,682	4,064	5,582	4,596	4,397	2,536	1,708	1,710	170,925	5,954	176,879	178,771

* Synonyms for variety names are shown on Page 5.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2015, 2016 and 2017. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

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

Variety	2009 and Earlier	2010	2011	2012	2013	2014	2015	2016	2017	2017			2016 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Aglianico	44	3	7	4	6	1	9	1	5	65	14	80	70
Alicante Bouschet *	730	-	1	139	3	14	4	-	10	887	14	902	944
Barbera	4,561	24	15	42	92	73	12	65	6	4,807	83	4,889	5,142
Cabernet Franc	2,934	78	29	60	72	210	65	41	28	3,382	135	3,517	3,500
Cabernet Sauvignon	71,648	1,570	1,348	3,731	3,971	2,924	2,926	2,408	1,308	85,191	6,642	91,834	90,782
Carignane	2,077	4	3	300	8	8	-	-	2	2,401	2	2,403	2,500
Carmenere	57	1	-	1	5	-	3	2	-	64	4	68	77
Carnelian	262	-	-	-	-	-	-	-	-	262	-	262	262
Centurian	80	-	-	-	-	-	-	-	-	80	-	80	80
Charbono	72	-	1	-	-	-	2	-	-	74	2	75	75
Cinsaut *	62	5	-	2	2	1	1	1	1	72	4	76	73
Counoise	40	4	4	-	2	-	1	1	1	50	3	53	50
Dolcetto	79	3	1	-	1	-	-	-	-	83	-	84	92
Dornfelder	48	-	19	-	-	-	-	-	-	67	-	68	68
Gamay (Napa) *	215	-	-	36	-	-	-	-	-	251	-	251	260
Graciano	24	-	22	-	-	2	2	-	-	48	2	50	47
Grenache *	3,792	48	94	206	95	52	45	56	26	4,287	126	4,413	4,474
Lagrein	34	-	-	-	21	-	2	1	-	56	2	58	40
Malbec	1,682	514	458	627	200	201	54	43	43	3,682	140	3,822	3,701
Merlot	37,644	338	435	229	332	417	108	88	196	39,394	392	39,786	41,131
Meunier *	171	-	8	21	1	-	1	-	1	202	2	204	193
Mission	367	41	-	-	1	-	1	-	-	408	1	409	410
Montepulciano	52	8	-	2	13	17	1	1	3	92	5	98	94
Mourvedre *	905	32	39	23	23	27	12	17	28	1,049	58	1,107	1,068
Muscat Hamburg *	227	17	-	57	-	-	-	-	-	301	-	301	304
Nebbiolo	132	3	2	-	2	-	2	2	-	139	4	142	138
Petit Verdot	2,063	174	161	96	277	126	268	228	15	2,897	511	3,408	3,228
Petite Sirah	7,602	369	467	426	636	704	523	478	264	10,203	1,265	11,468	10,905
Pinot Noir	37,254	792	668	916	1,469	1,868	961	518	858	42,967	2,337	45,304	44,578
Pinotage	52	-	-	-	-	-	-	-	1	52	1	53	51
Primitivo	375	31	8	170	504	183	9	24	33	1,269	65	1,335	1,197
Royalty	230	-	-	-	-	-	-	-	-	230	-	230	230
Rubired *	9,415	1,011	297	188	127	281	159	100	12	11,319	271	11,590	11,838
Ruby Cabernet	4,342	80	-	121	-	82	77	-	-	4,625	77	4,701	4,955
Sangiovese *	1,458	31	32	17	6	12	8	1	3	1,557	12	1,569	1,594
Souzao	76	-	-	7	2	-	-	-	-	86	-	86	89
Syrah *	15,741	82	43	92	135	204	30	84	38	16,297	151	16,448	17,161
Tannat	254	70	6	154	29	21	3	32	1	533	36	569	579
Tempranillo *	760	21	15	15	57	18	20	32	3	887	55	942	932
Teroldego	77	2	6	-	186	322	91	256	40	593	387	980	665
Touriga Nacional *	250	2	-	-	1	42	-	-	-	295	-	295	255
Zinfandel	40,770	236	128	457	943	305	90	117	166	42,837	373	43,210	44,446
Other Red Wine	5,124	152	40	43	77	36	108	25	13	5,470	146	5,617	5,593
Total Red Wine	253,784	5,743	4,356	8,182	9,298	8,150	5,598	4,621	3,105	289,512	13,323	302,836	303,871

* Synonyms for variety names are shown on Page 5.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2015, 2016 and 2017. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

Grape Variety Synonyms

Alicante Bouschet *-Alicante	Meunier *-Pinot Meunier	Refosco *-Mondeuse
Beauty Seedless *-Black Beauty	Moscato Gaillo *-Muscat Yellow	Ribolla Gialla *-Rebolla
Black Prince *-Rose of Peru	Mourvedre *-Mataro	Rubired *-Tintoria
Blaufraenkisch *-Lemberger	Muscat Blanc *-Muscat Canelli, Muscat Blanc A Petits Grains	Ruby Seedless *-King Ruby
Burger *-Monbadon	Muscat Hamburg *-Black Muscat	Sangiovese *-Sangiovetto, Brunello
Chardonnay *-Pinot Chardonnay, Chardonnay Musque	Negrette *-Pinot St. George	Sauvignon Vert *-Muscadelle
Cinsaut *-Black Malvoisie, Black Malvasia	Nero D'Avola *-Calabrese	St. Emilion *-Ugni Blanc, Trebbiano
Crimson Seedless *-Red Crimson	Other Red Wine -Lenoir, Gros Verdot, Criolla, Ruby Royal, Tinta Amarella, Tinta Negra Mole	Syrah *-French Syrah, Shiraz, Syrah Noir
Emerald Seedless *-Black Seedless	Other White Wine -Aligote, Vidal	Tempranillo *-Tinta Roriz, Valdepenas
Flame Seedless *-Red Flame	Palomino *-Golden Chasselas	Touriga Nacional *-Touriga
Gamay (Napa) *-Gamay, Valdiguie	Pinot Gris *-Pinot Grigio	Trousseau *-Bastardo
Gray Riesling *-Trousseau Gris	Princess *-Melissa	Vermentino *-Vennentino
Grenache *-Grenache Noir	Red Globe *-Rose Ito	White Riesling *-Johannisberg Riesling, Riesling
Italia *-Muscat Italia		
Malaga *-White Malaga		

* indicates the published name includes more than one variety name

The detailed *CALIFORNIA GRAPE ACREAGE REPORT, 2017 CROP* entire bulletin,
as well as individual tables, will be available free-of-charge at www.nass.usda.gov/ca