

# Grape Crush

## Grape Crush Grape Overview

Information contained in this report was supplied by processors to fulfill the reporting requirements of Section 55601.5 of the Food and Agricultural Code.

The Final Grape Crush Report includes all grape tonnage crushed during the 2012 season. Changes in tonnage, Brix and prices from the preliminary report to this final report were due to late reports and corrections to the original data. Reporting errors by some processors have caused a change in some district/variety entries.

Details of the crushed tonnage, degrees Brix, and weighted average prices were reported by grape type and variety, as well as by grape pricing districts. The 17 districts refer to the area in which the grapes were grown as defined in the Administrative Code.



## Summary of Grape Tonnages and Prices

The 2012 crush totaled a record high 4,387,434 tons, up 13 percent from the 2011 crush of 3,874,158 tons, and 1 percent larger than the previous record high 2005 crush. Red wine varieties accounted for the largest share of all grapes crushed, at 2,292,483 tons, up 19 percent from 2011. The 2012 white wine variety crush totaled 1,725,754 tons, up 21 percent from 2011. Tons crushed of raisin type varieties totaled 270,085, down 28 percent from 2011, and tons crushed of table-type varieties totaled 99,111, down 36 percent from 2011. (See chart)

Beginning with the 1999 season, the Grape Crush Report includes the total number of tons crushed for concentrate production. In determining grape tonnage crushed for concentrate production, each processor was required to report the estimated equivalent tons of grapes crushed for grape concentrate. For the 2012 season, this total was 528,742 tons, 12 percent of the 2012 grape crush total. This report provides only the aggregate figure for grapes crushed for concentrate production and does not include information by district, type, or variety.

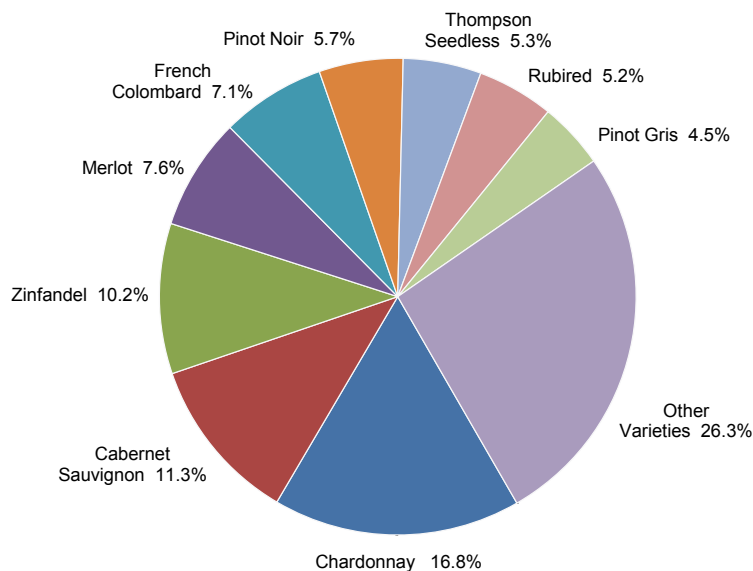
The 2012 average price of all varieties reached a record high of \$737.76, up 25 percent from 2011. Average prices for the 2012 crop by type were as follows: red wine grapes, \$883.88, up 25 percent from 2011; white wine grapes, \$625.32, up 15 percent from 2011; raisin grapes, \$318.62, up 20 percent; and table grapes, \$272.21, up 24 percent.

## Leading Grape Varieties and Districts

In 2012, Chardonnay accounted for the largest percentage of the total crush volume with 16.8 percent. Cabernet Sauvignon accounted for the second leading percentage of crush with 11.3 percent of the total crush. The next eight highest percentages of grapes crushed included wine and raisin grape varieties. Thompson Seedless, the leading raisin grape variety crushed for 2012, held 5.3 percent of the total.

District 13, (Madera, Fresno, Alpine, Mono, Inyo counties; and Kings and Tulare counties north of Nevada Avenue (Avenue 192)), had the largest share of the state's crush, at 1,462,119 tons. The average price per ton in District 13 was \$369.40.

## Leading Varieties Crushed Percentage of Total 2012 Crush



Source: USDA, NASS, California Field Office

### Grape Crush Tonnage and Price

Crop Year	Red Wine Type		White Wine Type		Total Wine Type		Raisin Type		Table Type		All Types	
	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton
1988	760	409	1,356	238	2,117	297	415	116	312	131	2,843	253
1989	872	410	1,272	297	2,144	342	370	132	211	128	2,725	297
1990	804	355	1,331	277	2,135	306	268	126	170	127	2,573	276
1991	840	383	1,289	319	2,129	344	284	150	157	141	2,570	310
1992	888	438	1,209	364	2,097	395	785	182	217	170	3,099	325
1993	979	430	1,327	316	2,306	365	452	152	137	147	2,895	323
1994	936	462	1,242	317	2,177	379	239	118	123	136	2,540	344
1995	1,052	515	1,175	351	2,277	429	432	164	170	162	2,829	372
1996	1,079	611	1,094	469	2,172	540	618	191	117	188	2,908	452
1997	1,461	656	1,433	546	2,893	603	786	185	212	169	3,891	497
1998	1,333	643	1,194	521	2,527	586	506	164	135	150	3,169	502
1999	1,422	649	1,195	518	2,617	590	419	200	149	187	3,185	525
2000	1,816	628	1,503	500	3,319	571	513	125	120	118	3,951	504
2001	1,706	680	1,300	491	3,006	601	262	86	101	87	3,368	555
2002	1,817	614	1,288	432	3,105	538	622	76	61	80	3,787	462
2003	1,634	609	1,230	429	2,864	534	422	95	84	91	3,370	471
2004	1,639	627	1,136	487	2,775	571	727	200	113	199	3,615	482
2005	2,235	634	1,521	507	3,756	583	467	164	106	121	4,330	533
2006	1,874	637	1,263	503	3,136	583	267	154	86	137	3,489	548
2007	1,875	627	1,372	482	3,248	565	364	155	63	138	3,674	522
2008	1,676	661	1,338	543	3,015	609	494	224	165	180	3,674	547
2009	2,078	671	1,625	536	3,703	612	307	171	85	143	4,095	574
2010	2,051	628	1,538	501	3,589	574	274	215	124	174	3,986	545
2011	1,920	708	1,427	542	3,347	637	373	265	155	219	3,874	592
2012	2,292	884	1,726	625	4,018	772	270	319	99	272	4,387	738

Source: USDA, NASS, California Field Office

**Grape Crush Totals by Type and Variety, 2011-2012**

Type and Variety	Total Tons Crushed		Avg. Brix Crushed		Total Purchased Tons		Avg. Brix Purchased		Wtd. Avg. Dollars Per Ton	
	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011
<b>RAISIN GRAPES:</b>										
Diamond Muscat	121.7	193.6	23.2	22.9	121.7	193.6	23.2	22.9	352.26	348.66
Dovine	514.1	421.1	20.3	23.2	509.6	301.1	20.3	25.0	325.00	265.00
Fiesta	35,218.1	44,621.5	21.6	21.1	34,319.6	43,183.3	21.5	21.1	297.16	264.92
Negrita Black	218.4	---	23.2	---	---	---	---	---	---	---
Selma Pete	2,706.4	1,530.1	22.7	21.1	2,664.0	1,513.8	22.7	21.1	324.03	264.01
Thompson Seedless	231,306.7	325,784.9	20.7	20.2	190,642.1	261,574.0	15.4	19.9	322.37	265.14
<b>Total Raisin</b>	<b>270,085.4</b>	<b>372,551.2</b>	<b>20.9</b>	<b>20.3</b>	<b>228,257.0</b>	<b>306,765.8</b>	<b>16.4</b>	<b>20.1</b>	<b>318.62</b>	<b>265.15</b>
<b>TABLE GRAPES: <sup>1</sup></b>										
Arra	1,075.9	912.0	23.6	17.4	---	---	---	---	---	---
Autumn Royal	2,140.0	2,543.0	20.0	20.6	724.9	723.5	20.0	20.5	260.63	205.00
Autumn Seedless	20.5	24.8	20.9	21.4	---	24.8	---	21.4	---	214.00
Beauty Seedless *	57.6	27.3	26.4	24.2	---	---	---	---	---	---
Black Monukka	31.0	69.5	25.4	18.9	28.6	68.3	25.3	18.9	250.00	250.00
Blanc Seedless	3,427.1	1,391.6	20.0	20.8	20.5	9.1	20.0	20.1	255.00	201.00
Calmeria	227.4	423.0	19.3	20.4	---	119.3	---	21.9	---	219.00
Cardinal	---	90.3	---	21.5	---	---	---	---	---	---
Christmas Rose	848.8	122.1	20.9	21.2	55.2	52.3	20.2	21.9	300.63	219.00
Crimson Seedless *	16,338.0	28,758.5	20.6	20.6	7,589.9	11,760.2	20.8	21.0	272.62	220.07
Emerald Seedless *	944.8	14,469.5	21.3	20.8	526.4	1,149.2	21.3	21.1	255.00	243.66
Emperor	154.3	78.3	18.0	20.0	---	---	---	---	---	---
Fantasy Seedless	41.6	58.4	21.1	21.6	16.0	47.7	24.3	20.5	276.00	205.00
Flame Seedless *	8,065.1	13,085.8	21.8	21.9	4,506.7	4,525.9	21.1	21.7	308.38	228.38
Flame Tokay	1,510.4	535.3	19.6	20.9	1,506.8	532.2	19.6	20.9	301.55	265.00
Golden Globe	82.7	458.7	20.7	20.6	---	---	---	---	---	---
Grape King	---	521.4	---	15.7	---	---	---	---	---	---
Italia *	363.4	273.5	21.8	21.3	73.9	66.4	22.6	21.0	325.00	210.00
Malaga *	370.3	450.7	19.9	19.7	105.6	249.5	20.1	19.7	324.38	265.00
Perlette	---	107.9	---	27.8	---	---	---	---	---	---
Princess *	4,072.2	7,813.7	22.1	21.6	1,365.6	2,805.0	21.6	21.0	276.62	218.42
Red Globe *	10,178.9	10,819.2	20.4	20.4	5,312.1	4,983.5	20.4	20.3	254.87	205.69
Ribier	72.5	171.5	20.3	20.8	---	22.0	---	20.2	---	225.00
Rouge	909.4	684.8	18.6	19.5	5.0	23.3	18.6	20.0	255.00	200.00
Ruby Seedless *	5,353.9	6,506.5	22.1	21.7	3,273.0	2,453.6	22.2	22.0	306.81	246.35
Scarlet Royal	2,119.5	3,392.3	20.9	21.1	846.6	1,196.2	20.8	20.5	263.25	205.00
Sugraone *	123.0	56.2	19.8	22.7	20.4	---	20.1	---	255.00	---
Summer Muscat	2.8	3.9	22.7	28.8	2.8	3.9	22.7	28.8	400.00	400.00
Summer Royal	306.7	568.3	21.7	22.4	119.9	235.2	21.0	21.8	293.07	218.00
Sweet Scarlet	163.8	75.7	19.9	20.8	4.4	---	21.7	---	255.00	---
Sweet Sunshine	1,437.0	1,950.1	22.8	24.2	4.2	19.4	23.2	25.6	255.00	230.00
Vintage Red	---	231.4	---	22.1	---	---	---	---	---	---
Other Table <sup>2</sup>	38,672.7	57,978.2	20.5	17.6	19,008.4	44,987.6	20.7	21.0	260.37	217.37
<b>Total Table</b>	<b>99,111.3</b>	<b>154,653.4</b>	<b>20.8</b>	<b>19.7</b>	<b>45,116.9</b>	<b>76,058.1</b>	<b>20.8</b>	<b>21.0</b>	<b>272.21</b>	<b>219.25</b>
<b>WINE GRAPES (WHITE):</b>										
Albarino	1,378.8	952.5	22.8	23.1	1,001.6	678.5	22.6	22.9	1,060.27	1,041.35
Arneis	216.4	125.6	21.9	22.6	101.9	70.4	21.8	23.0	1,785.75	1,964.13
Burger *	35,263.5	29,982.5	17.8	17.4	32,733.5	28,704.1	18.0	17.4	275.34	253.63
Chardonnay *	735,814.3	558,794.6	23.5	23.2	568,208.1	433,929.7	23.5	23.1	848.88	754.01
Chenin Blanc	58,080.1	54,460.9	19.6	20.3	53,729.3	52,623.7	19.6	20.3	394.27	356.39
Cortese	16.0	26.3	24.0	21.5	2.9	6.2	21.4	20.3	1,251.72	1,100.00
Emerald Riesling	665.0	576.0	20.5	20.9	661.1	575.5	27.6	20.9	413.88	436.58
Fiano	30.4	13.8	23.9	20.3	11.9	1.3	23.4	23.5	1,340.67	1,846.15
Flora	32.9	31.6	22.1	22.9	28.6	29.3	22.0	22.9	1,809.21	1,672.10
Folle Blanche	18.2	19.3	21.6	20.5	---	---	---	---	---	---
French Colombard	311,611.5	313,901.5	20.1	19.6	306,284.3	309,570.0	20.1	19.6	330.51	301.98
Gewurztraminer	16,840.9	11,176.2	23.5	23.1	11,523.4	6,595.4	23.4	23.3	807.72	783.24
Gray Riesling *	79.5	37.5	22.1	23.3	71.2	31.2	21.8	23.4	1,328.20	1,333.33
Grenache Blanc	1,162.8	648.8	23.1	22.8	703.8	351.8	23.0	23.0	1,460.02	1,542.53
Gruner Veltliner	555.3	426.8	22.8	23.0	470.0	356.5	22.6	23.0	1,061.19	937.16
Kerner	7.3	3.2	27.5	31.4	3.4	1.6	22.4	23.9	650.00	550.00
Malvasia Bianca	7,127.6	6,035.5	22.0	22.0	4,084.0	3,378.5	22.2	22.3	513.27	536.97
Marsanne	790.5	601.7	23.1	22.3	543.2	429.6	23.1	22.2	1,334.60	1,170.77
Melon	19.5	20.7	23.7	23.1	19.0	14.7	23.8	23.2	1,983.73	2,027.70
Moscato Gaillo *	83.5	37.5	21.2	23.6	76.4	37.5	21.0	23.6	692.93	754.11
Muscat Blanc *	36,649.4	23,464.7	23.1	22.7	34,821.3	22,182.8	23.1	22.5	520.68	543.96
Muscat Orange	2,460.8	2,044.7	23.4	23.3	2,179.6	1,864.3	23.4	23.2	581.42	554.30
Muscat of Alexandria	78,417.6	65,603.2	22.2	21.3	72,610.8	61,254.8	22.1	21.3	395.51	392.76
Palomino *	1,251.1	1,472.8	19.5	20.7	1,206.4	1,429.4	19.5	20.6	351.81	288.63
Picpoul Blanc	60.8	19.5	22.3	21.7	31.0	7.3	22.6	21.8	2,411.12	2,087.44

**Grape Crush Totals by Type and Variety, 2011-2012**

Type and Variety	Total Tons Crushed		Avg. Brix Crushed		Total Purchased Tons		Avg. Brix Purchased		Wtd. Avg. Dollars Per Ton	
	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011
	Pinot Blanc	1,798.0	859.9	23.3	22.6	684.6	349.1	23.1	22.6	1,466.88
Pinot Gris *	195,452.7	173,568.2	22.2	22.2	175,752.6	158,660.3	22.2	22.1	543.01	499.52
Ribolla Gialla *	26.3	13.2	21.2	21.8	23.9	11.4	21.2	21.7	2,672.59	2,418.86
Roussanne	1,277.0	998.3	23.8	23.2	649.9	443.3	24.0	23.8	1,666.16	1,786.75
Sauvignon Blanc	113,273.1	79,074.6	22.7	22.7	85,455.4	60,067.0	22.6	22.7	863.11	765.12
Sauvignon Musque	952.6	609.4	23.4	23.1	680.4	402.0	23.5	23.3	1,549.83	1,422.96
Sauvignon Vert *	12.2	13.7	23.1	22.1	10.3	10.3	23.3	22.1	2,087.38	1,990.29
Scheurebe	17.3	17.4	24.3	22.2	1.4	---	23.5	---	1,500.00	---
Semillon	6,514.2	6,520.8	22.0	21.0	5,392.1	5,499.1	21.9	20.9	729.03	661.08
St. Emilion *	6.7	6.0	23.0	23.4	0.4	0.8	18.5	19.7	1,900.00	1,437.50
Sylvaner	26.6	11.4	19.3	19.8	---	---	---	---	---	---
Symphony	26,201.7	20,893.2	21.3	20.4	12,826.1	8,733.6	21.5	21.7	447.29	413.07
Tocai Friulano	135.8	41.1	22.4	26.4	126.8	37.5	22.4	26.9	1,528.07	1,457.09
Torrontes	35.2	18.6	22.3	21.7	33.9	18.6	22.3	21.7	1,174.34	1,072.58
Triplett Blanc	22,981.0	25,757.5	20.6	19.5	22,764.1	25,543.5	20.6	19.5	323.68	299.98
Verdelho	1,662.3	877.9	23.8	23.6	1,385.7	839.8	23.8	23.6	634.92	581.77
Vermentino *	557.0	308.8	20.8	22.7	348.2	174.2	20.1	22.6	842.31	837.54
Vernaccia	54.1	34.2	21.7	22.2	45.1	31.2	21.7	22.2	2,103.61	2,122.35
Viognier	24,159.8	18,000.1	25.2	24.5	20,165.3	15,291.3	25.2	24.4	728.20	623.20
White Riesling *	36,927.8	27,756.1	21.8	21.9	21,943.7	17,258.5	22.0	22.2	805.02	827.35
Other White <sup>2</sup>	5,048.7	1,049.2	20.7	20.8	4,082.5	577.5	20.9	22.8	371.86	315.65
<b>Total White</b>	<b>1,725,753.8</b>	<b>1,426,907.0</b>	<b>22.3</b>	<b>21.8</b>	<b>1,443,479.1</b>	<b>1,218,073.1</b>	<b>22.1</b>	<b>21.6</b>	<b>625.32</b>	<b>542.44</b>
<b>WINE GRAPES (RED):</b>										
Aglianico	212.7	170.0	24.5	24.0	152.2	114.0	24.6	24.0	1,457.15	1,416.16
Aleatico	39.4	16.2	23.3	24.8	33.1	15.0	23.1	24.8	1,888.82	2,032.09
Alicante Bouschet *	8,627.3	8,510.1	21.5	20.9	7,874.8	7,529.1	21.4	20.7	475.03	409.86
Alvarelhao	38.1	20.5	24.5	25.5	15.5	6.7	24.1	24.9	1,389.55	1,234.33
Arinarno	488.0	432.7	24.4	24.3	487.8	432.5	24.4	24.3	500.00	400.00
Barbera	56,274.1	45,349.4	23.1	23.1	53,997.3	44,067.8	23.0	23.1	420.01	370.73
Beclan	3.1	---	25.0	---	3.1	---	25.0	---	2,700.00	---
Blaufraenkisch *	32.9	19.8	25.5	23.3	5.7	2.4	23.2	23.5	2,238.95	2,000.00
Cabernet Franc	13,966.8	10,859.9	25.1	23.9	9,486.0	7,250.2	25.0	23.8	1,847.70	1,672.32
Cabernet Sauvignon	496,828.2	384,302.2	24.4	23.6	377,020.8	296,327.1	24.3	23.6	1,385.92	1,158.16
Carignane	14,045.5	13,032.8	23.3	22.5	13,442.0	12,236.7	23.3	22.5	521.24	468.00
Carmenere	26.8	110.8	24.5	20.3	8.8	96.2	24.1	19.7	1,395.66	893.40
Carmine	1.0	0.2	24.1	18.0	---	---	---	---	---	---
Carnelian	5,037.5	5,216.9	23.6	23.5	4,696.2	4,892.9	23.6	23.6	355.22	346.13
Centurian	582.2	2,221.3	24.8	22.3	580.6	2,203.9	24.8	22.3	358.37	359.29
Charbono	321.2	344.0	23.2	21.9	112.5	120.8	23.4	20.4	2,138.56	1,637.72
Ciliegiolo	5.9	7.2	25.3	26.7	5.9	7.2	25.3	26.7	1,838.81	1,056.13
Cinsaut *	479.6	510.1	23.0	23.7	221.2	322.1	22.5	24.3	1,391.36	971.81
Colorino	4.7	5.4	25.0	25.5	4.7	5.2	25.0	25.6	1,659.70	1,468.46
Counoise	182.3	138.2	23.2	22.8	77.5	70.1	22.8	22.6	1,482.96	1,492.97
Dolcetto	383.0	341.3	22.9	22.7	307.1	250.8	22.6	23.4	1,352.91	1,255.47
Dornfelder	814.2	721.5	21.5	20.6	777.2	701.3	21.4	20.5	552.59	400.00
Durif	12.6	19.6	25.6	24.7	1.1	---	24.6	---	2,000.00	---
Early Burgundy	6.7	7.1	25.2	23.4	6.3	3.9	25.1	25.1	2,423.81	2,151.28
Fer Servadou	5.3	4.4	23.5	22.5	5.3	4.3	23.5	22.5	1,478.99	1,758.75
Freisa	25.0	15.0	23.0	25.4	9.9	7.4	24.7	25.1	1,327.56	1,638.42
Gamay (Napa) *	2,186.8	1,500.5	20.9	20.9	1,817.0	1,319.1	20.7	21.0	638.33	576.20
Gamay Beaujolais	1.6	30.3	24.2	21.1	1.6	30.3	24.2	21.1	1,600.00	600.00
Gamay Noir Au Jus Blanc	16.7	17.0	22.9	22.7	16.6	14.8	22.8	22.5	1,700.00	1,452.70
Graciano	106.5	84.7	24.5	24.4	61.3	41.8	24.6	24.5	1,562.76	1,266.99
Grand Noir	1.9	6.7	24.7	20.2	1.9	5.2	24.7	22.8	1,700.00	2,315.39
Grenache *	65,529.7	70,083.3	22.4	21.5	61,927.5	67,901.7	22.3	21.4	478.89	374.13
Grignolino	38.6	31.3	24.1	23.0	---	---	---	---	---	---
Lagrein	194.2	158.6	25.0	24.2	97.6	113.6	26.0	24.2	1,373.10	1,329.63
Malbec	17,908.6	8,023.9	23.9	23.2	11,634.6	5,395.7	23.7	23.2	1,335.80	1,296.67
Mataro *	3,626.2	3,559.8	23.7	22.3	2,687.3	2,763.7	23.5	21.9	1,429.52	1,234.48
Merlot	334,942.4	286,340.4	24.6	23.8	259,959.4	225,755.8	24.6	23.8	802.33	693.62
Meunier *	920.1	461.8	21.2	21.1	479.8	321.0	20.0	20.0	2,298.12	2,381.36
Mission	8,561.7	7,758.0	22.3	23.8	8,484.2	7,675.6	22.3	23.8	300.26	268.20
Montepulciano	496.2	293.4	24.2	23.5	400.7	211.6	24.3	23.4	817.58	799.08
Muscat Hamburg *	381.5	313.2	24.7	24.8	352.7	291.2	24.5	25.3	656.10	579.92
Nebbiolo	542.4	379.9	23.0	23.5	446.6	344.5	23.1	23.3	1,105.93	921.98
Negrette *	22.3	19.3	24.5	24.4	14.2	12.8	23.7	24.1	2,000.00	2,000.00
Negroamaro	42.6	61.1	23.9	23.6	40.2	60.5	23.8	23.6	1,141.70	1,023.51
Nero D'Avola *	139.9	25.9	21.9	23.4	125.3	22.7	21.9	23.3	800.84	1,093.39
Peloursin	2.2	2.0	24.0	23.0	---	---	---	---	---	---
Petit Verdot	18,010.8	14,158.4	24.5	24.4	12,685.3	9,932.5	24.4	24.2	1,370.63	1,279.36
Petite Sirah	66,106.6	58,575.2	24.5	23.1	54,605.3	47,854.6	24.5	23.2	1,059.57	925.53



## Grape Crush Totals by Type and Variety, 2011-2012

Type and Variety	Total Tons Crushed		Avg. Brix Crushed		Total Purchased Tons		Avg. Brix Purchased		Wtd. Avg. Dollars Per Ton	
	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011
	Pfeffer Cabernet	6.7	8.8	25.2	24.6	0.8	3.5	24.1	23.9	900.00
Pinot Noir	248,491.0	170,450.1	24.5	24.0	174,771.7	126,397.2	24.5	24.1	1,557.62	1,272.15
Pinotage	104.4	72.1	25.4	25.7	58.1	50.7	25.8	25.7	1,729.65	1,334.53
Primitivo	1,806.5	988.2	25.3	25.2	1,178.3	598.5	25.2	25.1	1,488.22	1,379.98
Refosco *	571.1	591.8	22.4	20.2	547.5	584.0	22.4	20.1	603.93	500.07
Royalty	624.7	699.1	17.5	21.6	608.9	689.6	17.5	21.5	212.99	311.12
Rubired *	226,503.9	256,276.1	23.6	22.4	219,267.4	248,821.8	23.6	22.4	323.47	319.16
Ruby Cabernet	71,256.5	74,498.6	24.3	23.1	69,467.5	72,846.1	24.4	23.1	377.52	347.98
Sagrantino	48.0	68.9	24.5	24.3	35.0	58.9	24.0	24.3	1,188.81	1,285.08
Salvador	1,071.6	1,282.1	23.1	22.3	1,066.8	1,275.3	23.1	22.3	310.33	310.79
Sangiovese *	9,421.6	7,236.0	23.4	23.1	6,003.0	4,926.6	23.1	22.7	953.97	797.08
Segalin	706.1	692.9	26.3	26.0	706.1	692.9	26.3	26.0	500.00	400.00
Souzao	615.1	522.7	23.8	23.1	534.5	429.0	23.7	23.2	643.29	564.93
St Laurent	0.6	---	20.8	---	0.6	---	20.8	---	1,800.00	---
Syrah *	132,518.4	109,422.6	24.9	24.0	101,669.7	83,138.6	24.8	23.9	761.16	669.42
Tannat	3,796.3	2,763.5	26.0	24.9	2,345.6	1,865.7	26.3	25.6	739.08	598.57
Tempranillo *	11,671.1	9,903.6	23.5	23.4	10,056.6	8,692.7	23.4	23.3	608.18	546.48
Teroldego	660.8	387.3	24.8	24.1	634.5	372.6	24.9	24.1	978.13	919.84
Tinta Barroca	7.3	2.8	23.0	23.9	4.2	2.6	22.5	24.0	1,250.00	1,250.00
Tinta Cao	413.5	584.4	23.9	24.9	368.0	544.9	23.8	24.9	557.71	459.82
Tinta Madeira	148.1	100.1	26.2	26.0	94.1	62.3	24.9	24.4	538.18	710.84
Touriga Francesca	27.8	8.7	23.9	23.7	10.9	8.7	23.5	23.7	1,283.95	1,148.28
Touriga Nacional *	2,576.0	2,009.8	24.3	22.7	2,382.0	1,837.3	24.3	22.6	773.47	722.45
Trousseau *	101.5	38.9	23.0	23.1	91.0	26.2	22.9	22.6	591.70	647.62
Zinfandel	448,054.2	345,168.1	21.5	21.1	420,134.9	326,618.8	21.4	20.9	715.31	560.31
Other Red <sup>2</sup>	13,057.0	12,007.9	20.9	20.7	11,926.6	11,371.8	20.7	20.6	313.22	256.79
<b>Total Red</b>	<b>2,292,483.4</b>	<b>1,920,046.4</b>	<b>23.7</b>	<b>22.9</b>	<b>1,909,136.0</b>	<b>1,638,652.6</b>	<b>23.5</b>	<b>22.8</b>	<b>883.88</b>	<b>707.90</b>
<b>TOTAL WINE</b>	<b>4,018,237.2</b>	<b>3,346,953.4</b>	<b>23.1</b>	<b>22.4</b>	<b>3,352,615.1</b>	<b>2,856,725.7</b>	<b>22.9</b>	<b>22.3</b>	<b>772.56</b>	<b>637.35</b>
<b>TOTAL ALL VARIETIES</b>	<b>4,387,433.9</b>	<b>3,874,158.0</b>	<b>22.9</b>	<b>22.1</b>	<b>3,625,989.0</b>	<b>3,239,549.6</b>	<b>22.5</b>	<b>22.0</b>	<b>737.76</b>	<b>592.29</b>

\* Synonyms for variety names are shown on the table following.

<sup>1</sup> For information on table grape varieties, please refer to the memo titled "California Table Grape Varieties," available through the USDA's National Agricultural Statistics Service, California Field Office.

<sup>2</sup> Other categories include minor and mixed varieties.

## Grape Variety Synonyms

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

\* Synonyms for variety names of the Grape Crush Report for crop year 2012.