



# 2013 California Raisin Grape Objective Measurement Report



California Department of Food and Agriculture, California Agricultural Statistics Service

Cooperating with the USDA, National Agricultural Statistics Service

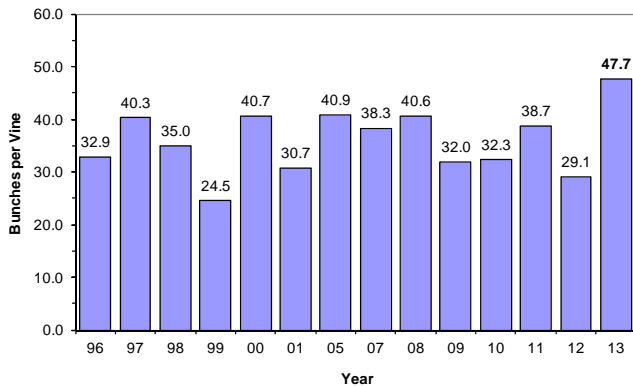
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## RAISIN-TYPE GRAPE PRODUCTION UP 25.5 PERCENT FROM THE 2012 FINAL PRODUCTION

The California raisin-type variety grape forecast is 2.40 million tons, up 25.5 percent from the 2012 final production. Based on the objective measurement survey, bunches per vine totaled a record 47.7 compared to 29.1 in 2012. Acreage of bearing age is 200,000, which means a record high yield is expected. The 2013 California raisin-type grape crop is shaping up to be the largest crop since 2008. Weather conditions have been good for crop development, which is a few days ahead of normal. Mildew pressure was low, but mites were significant. The forecast is based on the results of the Raisin Grape Objective Measurement (O.M.) Survey conducted in July. The Raisin Administrative Committee provided funding for the 2013 Raisin O.M. Survey.

**CALIFORNIA RAISIN-TYPE GRAPES**  
Bunches per Vine, 1996-2001, 2005, 2007-2013



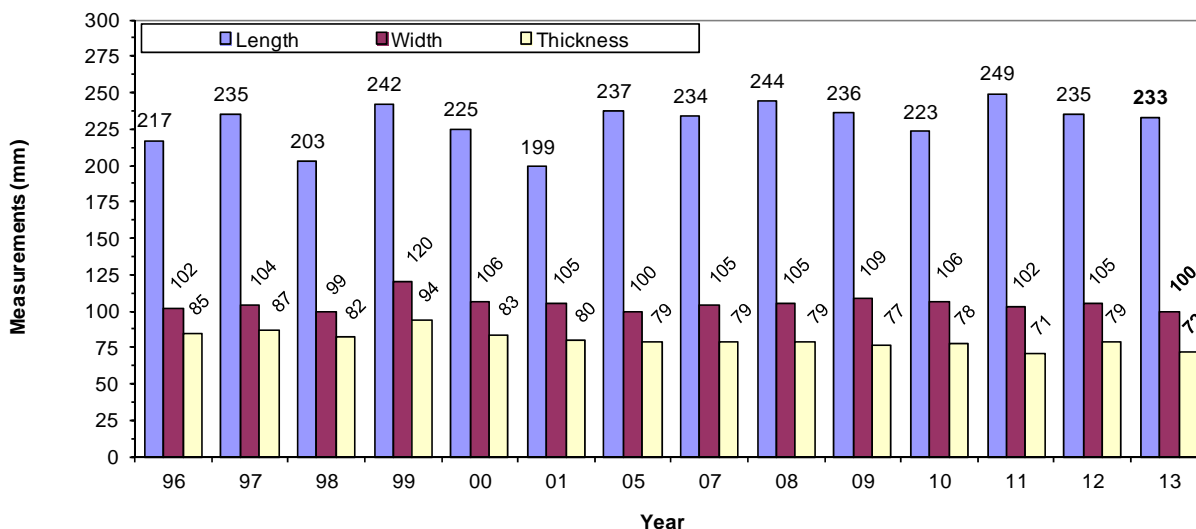
## SURVEY HISTORY

The collection of objective measurement data on the California grape crop began in 1956. Grape bunches were counted, measured, and weighed in sample vineyards of raisin, table, and wine type varieties. The Raisin Administrative Committee funded the O.M. survey of raisin-type variety grapes from 1985 to 2001, 2005, and from 2007 to this year.

## FIELD SAMPLING ACTIVITIES

Data were collected the first three weeks of July. A total of 328 raisin-type variety vineyards were sampled for the 2013 data.

**CALIFORNIA RAISIN-TYPE GRAPES,**  
Measurements of Normal Bunches, 1996-2001, 2005, 2007-2013



**California Raisin Grape Objective Measurement Survey Results and Official Estimates, 1993-2013**

Year	Vines Sampled	Average Bunches Per Vine	Normal Bunches Measured	Average Normal Bunch			Official Estimate		
				Length	Width	Thickness	Bearing 1/	Yield Per Acre 1/	Production
				<i>mm</i>			<i>Acres</i>	<i>Tons</i>	<i>1,000 Tons</i>
1993	248	31.6	952	222	106	91	266,000	9.57	2,354
1994	330	34.7	1,342	229	105	85	270,000	8.85	2,389
1995	294	30.4	1,054	227	113	87	268,000	9.27	2,252
1996	362	32.9	1,396	217	102	85	270,000	8.12	2,192
1997	376	40.3	1,763	235	104	87	270,000	10.70	2,883
1998	313	35.0	1,245	203	99	82	275,000	7.55	2,077
1999	303	24.5	863	242	120	94	279,000	7.61	2,122
2000	294	40.7	1,341	225	106	83	280,000	10.40	2,921
2001	294	30.7	1,036	199	105	80	235,000	9.43	2,215
2002	---	---	---	---	---	---	246,000	11.40	2,804
2003	---	---	---	---	---	---	255,000	8.71	2,220
2004	---	---	---	---	---	---	244,000	8.35	2,038
2005	319	40.9	1,430	237	100	79	240,000	9.52	2,285
2006	---	---	---	---	---	---	234,000	7.83	1,833
2007	298	38.3	1,283	234	105	79	227,000	9.40	2,151
2008	327	40.6	1,471	244	105	79	221,000	11.40	2,520
2009	331	32.0	1,191	236	109	77	216,000	8.97	1,938
2010	319	32.3	1,163	223	106	78	210,000	10.16	2,133
2011	325	38.7	1,403	249	102	71	205,000	11.04	2,263
2012 2/	320	29.1	1,066	235	105	79	205,000	9.33	1,912
2013	328	47.7	1,697	233	100	72	200,000	12.00	2,400

1/ The following acreage was enrolled in the Raisin Industry Diversion (RID) Program in the year specified: 1993 – 20,000 acres; 1995 – 25,000 acres; 2001 – 41,000 acres; 2002 – 27,000 acres. These acres were deducted from bearing acreage for yield calculations.

2/ The 2012 estimate of production is unofficial.