

2021 Pistachio Bearing Acreage, Production and Yield Per Acre by District and County

	Bearing Acres*	Open Inshell	Closed Shell	Shelling Stock	Total Production (Pounds)	Yield/ Bearing Acre (Pounds)
District 1**						
Kern	124,837	341,860,806	37,297,098	21,257,755	400,415,659	3,208
San Bernardino ⁽¹⁾	382	196,181	65,942	15,184	277,307	726
San Luis Obispo	238	238,389	162,716	16,263	417,368	1,754
Santa Barbara	782	516,590	157,342	34,057	707,989	905
Tulare	58,262	123,303,113	11,906,212	14,755,897	149,965,222	2,574
District 1 Totals	184,501	466,115,079	49,589,310	36,079,156	551,783,545	2,991
District 2						
Fresno	107,003	280,793,233	30,339,984	18,290,214	329,423,431	3,079
Kings	38,115	76,396,466	6,063,515	5,649,174	88,109,155	2,312
Madera	52,425	99,604,154	11,891,601	7,464,652	118,960,407	2,269
Merced	16,415	34,731,549	4,540,000	2,788,747	42,060,296	2,562
District 2 Totals	213,958	491,525,402	52,835,100	34,192,787	578,553,289	2,704
District 3**						
Northern Counties ⁽²⁾	9,519	17,141,431	2,319,102	1,692,393	21,152,926	2,222
Southern Counties ⁽³⁾	788	1,674,787	252,050	100,571	2,027,408	2,573
District 3 Totals	10,307	18,816,218	2,571,152	1,792,964	23,180,334	2,249
California Totals	408,766	976,456,699	104,995,562	72,064,907	1,153,517,168	2,822
District 4 Totals***	N/A	9,947,594	1,841,164	1,477,258	13,266,016	N/A
Total US Pistachio Crop		986,404,293	106,836,726	73,542,165	1,166,783,184	

Sources: Administrative Committee for Pistachios Processors' Producer Delivery Reports and Acreage Surveys

*Bearing Acres Source: Land IQ. California Statewide Pistachio Mapping - 2020.

- Based on imagery from USDA National Agricultural Imaging Program (NAIP), USGS Landsat, and private imagery resources.

- Bearing acreage is defined as plantings six years old and older.

**Counties with few growers have been combined due to privacy issues.

⁽¹⁾ Includes Los Angeles and Riverside Counties

⁽²⁾ Butte, Colusa, Glenn, Placer, Sacramento, Solano, Sutter, Tehama, Yolo, Yuba

⁽³⁾ Alameda, Calaveras, Contra Costa, San Joaquin, Santa Clara, Stanislaus

***District 4 is Arizona and New Mexico

January 2022

Pistachio Industry Open Inshell Shipments/Inventory Carryover History

Crop Year	New Crop (Open Inshell) ¹	Inventory Adjustments ²	Total Salable Supply	Domestic Shipments	Export Shipments ³	Total Shipments	Inventory Carryout/ Carryin
1985/86	22,497,527	638,935	36,173,788	23,517,699	1,594,195	25,111,894	11,061,894
1986/87	64,518,438	(8,791,131)	66,789,201	37,271,746	3,754,449	41,026,195	25,763,006
1987/88	29,152,439	(1,800,790)	53,114,655	40,276,878	6,266,497	46,543,375	6,571,280
1988/89	71,989,599	4,112,916	82,673,795	48,158,964	11,190,380	59,349,344	23,324,451
1989/90	33,186,931	(3,202,786)	53,308,596	35,311,575	5,753,338	41,064,913	12,243,683
1990/91	92,657,459	2,523,709	107,424,851	63,387,571	16,113,721	79,501,292	27,923,559
1991/92	58,913,785	6,647,377	93,484,721	59,662,021	25,921,087	85,583,108	7,901,613
1992/93	114,320,726	10,897,159	133,119,498	76,037,890	34,635,897	110,673,787	22,445,711
1993/94	112,645,883	3,571,570	138,663,164	69,590,108	32,555,293	102,145,401	36,517,763
1994/95	94,074,802	9,028,163	139,620,728	80,314,468	36,071,219	116,385,687	23,235,041
1995/96	107,342,387	(1,480,859)	129,096,569	69,740,482	39,330,159	109,070,641	20,025,928
1996/97	84,469,382	1,988,738	106,484,048	58,683,031	33,203,907	91,886,938	14,597,110
1997/98	136,616,006	5,081,231	156,294,347	74,821,240	66,380,564	141,201,804	15,092,543
1998/99	137,644,225	7,873,838	160,610,606	85,112,260	49,995,685	135,107,945	25,502,661
1999/00	104,374,839	(3,392,808)	126,484,692	76,866,274	33,061,606	109,927,880	16,556,812
2000/01	188,793,654	(515,762)	204,834,704	106,683,890	48,008,950	154,692,840	48,409,891
2001/02	125,849,554	(8,249,269)	166,010,176	97,347,328	55,355,787	152,703,115	13,307,061
2002/03	241,656,847	(6,455,957)	248,507,951	97,959,721	63,773,344	161,733,065	86,774,886
2003/04	89,255,589	(3,984,770)	172,045,705	111,929,789	53,169,870	165,099,659	6,946,046
2004/05	253,920,610	(11,043,286)	249,823,370	105,773,078	95,761,666	201,534,744	48,288,626
2005/06	214,575,387	(4,204,583)	258,659,430	85,915,717	82,552,955	168,468,672	90,190,758
2006/07	200,234,652	(34,185,741)	256,239,669	87,363,653	97,983,575	185,347,228	70,892,441
2007/08	332,378,075	(26,075,313)	377,563,791	115,787,557	168,995,508	284,783,065	92,780,726
2008/09	230,547,823	(3,125,768)	320,202,781	85,313,225	183,089,493	268,402,718	51,800,063
2009/10	289,857,258	(10,950,254)	330,707,067	114,842,769	192,436,136	307,278,905	23,428,162
2010/11 ⁴	381,890,117	(30,363,452)	374,954,827	122,456,770	173,191,437	295,648,207	79,306,620
2011/12	343,786,231	(30,876,217)	392,216,634	153,904,736	200,542,576	354,447,312	37,769,322
2012/13	466,618,504	(34,760,117)	469,627,709	146,797,517	237,746,411	384,543,928	85,083,781
2013/14	382,681,859	(31,379,912)	436,385,728	125,696,820	255,976,908	381,673,728	54,712,000
2014/15	412,063,855	(49,541,570)	417,234,285	116,481,103	194,362,124	310,843,227	106,391,058
2015/16	207,217,512	(34,886,402)	278,722,168	106,066,958	125,698,802	231,765,760	46,956,408
2016/17	671,310,748	(76,994,846)	641,272,310	162,727,388	352,485,698	515,213,086	126,059,224
2017/18	463,815,722	(64,571,025)	525,303,921	169,561,852	323,752,564	493,314,416	31,989,505
2018/19	746,858,150	(82,142,973)	696,704,682	181,444,677	452,819,647	634,264,324	62,440,358
2019/20	582,111,271	(76,294,888)	568,256,741	170,971,201	311,802,984	482,774,185	85,482,556
2020/21	871,450,109	(130,446,533)	826,486,132	184,157,798	439,400,199	623,557,997	202,928,135

¹Only open inshell is reported as this is the industry standard for determining inventory carover.

²Inventory adjustments include splitting and shelling adjustments as well as inventory adjustments resulting from processing loss and inventory corrections.

³Countries of destination may be found in Year End Shipment Reports (www.acpistachios.org/statistics.htm)

⁴District 4 data included starting with the 2010/2011 Crop Year

California Pistachio Acreage and Crop Value

Year	Acreage				Yield		Crop Value		
	Bearing	Non-Bearing	Total	New Plantings	Bearing Yield/Acre	Production (Million Pounds)	Average Return/Pound ¹	Total Value (Million \$)	Value/Bearing Acre
1979	25,440	6,211	31,651	666	676	17.2	1.60	27.50	1,081
1980	25,773	8,989	34,762	1,382	1,055	27.2	2.05	55.80	2,165
1981	27,541	13,084	40,625	6,494	523	14.4	1.36	19.60	712
1982	29,902	15,619	45,521	5,002	1,468	43.9	1.49	63.70	2,130
1983	31,143	15,959	47,102	4,349	844	26.3	1.41	37.30	1,198
1984	30,788	16,794	47,582	2,488	2,027	63.0	0.98	61.70	2,004
1985	32,332	18,739	51,071	5,126	838	27.1	1.37	36.60	1,132
1986	34,243	20,438	54,681	2,579	2,240	76.7	1.12	85.90	2,509
1987	40,985	16,365	57,350	1,266	818	33.0	1.37	47.20	1,152
1988	47,234	10,258	57,492	1,461	2,117	93.4	1.22	109.30	2,314
1989	50,900	12,000	62,900	3,209	800	38.8	1.63	63.20	1,242
1990	53,700	11,100	64,800	2,655	2,375	119.9	1.02	129.50	2,412
1991	55,700	13,300	69,000	3,686	1,465	76.3	1.25	100.70	1,808
1992	56,500	13,900	70,400	2,894	2,592	146.5	1.03	150.90	2,671
1993	57,000	15,700	72,700	2,480	2,648	150.9	1.07	161.50	2,833
1994	57,507	16,633	74,140	3,568	2,232	128.3	0.92	118.10	2,054
1995	60,300	13,400	73,700	3,413	2,449	147.7	1.09	160.94	2,669
1996	64,300	17,100	81,400	4,872	1,622	104.3	1.16	120.99	1,882
1997	65,373	17,062	82,435	3,839	2,746	179.5	1.13	202.84	3,103
1998	68,000	19,300	87,300	3,620	2,757	187.5	1.03	193.10	2,840
1999	71,000	21,000	92,000	5,496	1,724	122.4	1.33	162.78	2,293
2000	74,578	21,730	96,308	3,903	3,239	241.6	1.01	244.02	3,272
2001	78,000	23,500	101,500	8,025	2,055	160.3	1.01	161.90	2,076
2002	83,000	23,000	106,000	2,475	3,644	302.4	1.10	332.64	4,008
2003	88,000	23,000	111,000	3,016	1,341	118.0	1.22	143.96	1,636
2004	93,000	24,733	117,733	7,314	3,729	346.8	1.34	464.71	4,997
2005	104,552	32,295	136,847	11,465	2,701	282.4	2.05	578.92	5,537
2006	112,532	40,112	152,644	15,842	2,110	237.5	1.89	448.88	3,989
2007	115,007	62,341	177,348	24,794	3,615	415.7	1.41	586.14	5,097
2008	118,133	78,155	196,288	18,740	2,353	278.0	2.05	569.90	4,824
2009	125,637	82,969	208,606	12,128	2,822	354.5	1.67	592.02	4,712
2010	137,102	78,234	215,336	6,730	3,806	521.8	2.22	1,158.40	8,449
2011	152,944	73,392	226,336	9,017 ²	2,902	443.8	1.98	878.72	5,745
2012	177,738	62,308	240,046	30,625 ²	3,100	551.0	2.61	1,438.11	8,091
2013	202,997	68,068	271,065	32,048	2,312	469.3	3.48	1,633.16	8,045
2014	220,527	75,940	294,467	37,687	2,329	513.6	3.57	1,833.55	8,314
2015	232,655	79,210	311,865	31,641	1,161	270.1	3.29	888.63	3,820
2016	239,385	78,210	317,595	37,380	3,745	896.5	1.68 ⁵	1,506.12	6,292
2017 ³	270,010	157,169	427,179	18,413	2,220 ⁴	600.3	1.69 ⁵	1,014.51	3,757
2018	302,058	151,683	453,741	26,562	3,262	986.7	2.65	2,614.76	8,656
2019	339,745	129,226	468,971	15,230	2,177	740.4	2.81 ⁶	2,080.52	6,124
2020	371,386	114,121	485,507	16,536	2,806	1,042.1	2.75	2,865.78	7,716
2021	408,766	111,129	519,895 ⁷	34,388	2,822	1,153.5	2021 average return unavailable		

Sources: CPC, ACP Land IQ Reports, and CASS/NASS statistical data

¹Weighted average which includes shelling stock. NASS periodically revises these numbers.

²Based on Land IQ Bearing/Non-Bearing Acreage data (with adjustments in 2011/2012)

³Based on Land IQ bearing/Non-Bearing Acreage Reports for 2017 and forward. Yield has changed from previously reported statistics.

⁴Previously reported as: 2017 - 2,397; 2018 - 3,736; 2019 - 2,566

⁵NASS suspended data collection in 2016-2017. The average return per pound for these two years have not been updated and are likely erroneous.

⁶NASS updated 2019 average return May 2021 (was 2.62)

⁷Acreage based on county pesticide permit records

California Pistachio Production History

Year	Total Production	Open Inshell	Percent of Total Production	Closed Shell*	Percent of Total Production	Shelling Stock	Percent of Total Production	Yield (Pounds/Acre)
1979	17,200,000	17,200,000	-	-	-	n/a	n/a	676
1980	27,200,000	18,600,000	68.4%	-	-	8,600,000	31.6%	1,055
1981	14,147,875	10,903,242	77.1%	-	-	3,244,633	22.9%	523
1982	43,214,539	37,366,499	86.5%	-	-	5,848,040	13.5%	1,468
1983	26,319,156	20,886,616	79.4%	-	-	5,432,540	20.6%	844
1984	62,638,990	45,171,125	72.1%	-	-	17,467,865	27.9%	2,027
1985	27,288,795	22,497,527	82.4%	-	-	4,791,268	17.6%	838
1986	76,693,882	64,518,438	84.1%	-	-	12,175,444	15.9%	2,240
1987	33,458,574	29,152,439	87.1%	-	-	4,306,135	12.9%	818
1988	96,402,259	71,989,599	74.7%	-	-	24,412,660	25.3%	2,117
1989	39,514,481	33,186,931	84.0%	-	-	6,327,550	16.0%	800
1990	117,294,912	92,657,459	79.0%	-	-	24,637,453	21.0%	2,375
1991	76,429,547	58,913,785	77.1%	-	-	17,515,762	22.9%	1,465
1992	146,500,153	114,320,726	78.0%	-	-	32,179,427	22.0%	2,592
1993	150,906,921	112,645,883	74.7%	-	-	38,261,038	25.3%	2,648
1994	128,328,015	94,074,802	73.3%	-	-	34,253,213	26.7%	2,232
1995	147,652,532	107,342,387	72.7%	-	-	40,310,145	27.3%	2,449
1996	104,324,193	84,469,382	81.0%	-	-	19,854,811	19.0%	1,622
1997	179,492,470	136,616,006	76.1%	-	-	42,876,464	23.9%	2,746
1998	187,487,319	137,644,225	73.4%	38,644,205	20.6%	11,198,889	6.0%	2,757
1999	122,391,521	104,374,839	85.3%	12,029,978	9.8%	5,986,704	4.9%	1,724
2000	241,554,218	188,796,676	78.2%	38,638,066	16.0%	14,119,476	5.8%	3,239
2001	160,295,282	125,849,554	78.5%	26,356,995	16.4%	8,088,733	5.1%	2,055
2002	302,434,693	241,664,914	79.9%	42,096,386	13.9%	18,673,390	6.2%	3,644
2003	118,042,323	89,248,483	75.6%	22,072,569	18.7%	6,721,271	5.7%	1,341
2004	346,781,488	253,920,610	73.2%	73,011,946	21.1%	19,848,932	5.7%	3,729
2005	282,385,160	214,575,387	76.0%	56,858,178	20.1%	10,951,595	3.9%	2,701
2006	237,471,763	200,234,652	84.3%	25,004,012	10.5%	12,233,099	5.2%	2,111
2007	415,694,893	332,444,535	80.0%	53,953,597	13.0%	29,296,761	7.0%	3,615
2008	277,990,206	230,547,823	82.9%	36,538,701	13.1%	10,903,682	3.9%	2,353
2009	354,510,976	289,857,258	81.8%	48,436,667	13.7%	16,217,051	4.6%	2,822
2010	521,798,038	377,922,848	72.4%	124,552,672	23.9%	19,322,518	3.7%	3,806
2011	443,814,053	340,629,631	76.8%	86,846,692	19.6%	16,337,730	3.7%	2,902
2012	550,984,409	463,303,334	84.1%	67,233,364	12.2%	20,447,710	3.7%	3,100
2013	469,344,208	378,050,138	80.5%	69,415,633	14.8%	21,878,437	4.7%	2,312
2014	513,626,672	407,691,332	79.4%	88,500,092	17.2%	17,435,248	3.4%	2,329
2015	270,096,856	203,538,562	75.4%	53,607,893	19.8%	12,950,401	4.8%	1,161
2016	896,486,671	666,568,699	74.4%	169,579,930	18.9%	60,338,042	6.7%	3,745
2017	600,277,324	460,584,779	76.7%	98,732,689	16.4%	40,959,856	6.8%	2,397
2018	986,656,177	741,650,951	75.2%	197,014,326	20.0%	47,990,900	4.9%	3,736
2019	740,395,641	575,706,796	77.8%	132,847,155	17.9%	31,841,690	4.3%	2,566
2020	1,042,117,226	864,543,877	83.0%	119,852,892	11.5%	57,720,457	5.5%	2,806
2021	1,153,517,168	976,456,699	84.7%	104,995,562	9.1%	72,064,907	6.2%	2,822

*Prior to 1998 closed shell was included in shelling stock.

Sources:

1979 - 2006: California Pistachio Commission Processors' Producer Delivery Reports and Acreage Surveys.

2007 - Present: Administrative Committee for Pistachios Processors' Producer Delivery Reports and Acreage Surveys.