

California Walnut Statistics

Seasons 2000/01 to 2021/22

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**Table 1. California Walnuts: Acres, Yield, Production, Price, Crop Value, Sales
(2000/01 - 2021/22)**

| Season | Bearing Acres (1,000) | Yield: Tons per acre | Utilized production 1/ 1,000 inshell tons | Season average grower price, \$/ton | Annual crop value (\$1,000) | Shelled Sales, inshell basis (1,000 tons) | Inshell sales (1,000 tons) |
|------------|-----------------------|----------------------|---|-------------------------------------|-----------------------------|---|----------------------------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 2000/01 | 200 | 1.20 | 239 | \$1,240 | 296,360 | 175 | 64 |
| 2001/02 | 204 | 1.50 | 305 | \$1,120 | 341,600 | 225 | 80 |
| 2002/03 | 210 | 1.34 | 282 | \$1,170 | 329,940 | 215 | 67 |
| 2003/04 | 213 | 1.53 | 326 | \$1,160 | 378,160 | 245 | 81 |
| 2004/05 | 214 | 1.52 | 325 | \$1,390 | 451,750 | 250 | 75 |
| 2005/06 | 215 | 1.65 | 355 | \$1,570 | 557,350 | 273 | 82 |
| 2006/07 | 216 | 1.60 | 346 | \$1,630 | 563,980 | 275 | 71 |
| 2007/08 | 218 | 1.50 | 328 | \$2,290 | 751,120 | 262 | 66 |
| 2008/09 | 230 | 1.90 | 436 | \$1,280 | 558,080 | 341 | 95 |
| 2009/10 | 240 | 1.82 | 437 | \$1,710 | 747,270 | 338 | 99 |
| 2010/11 | 255 | 1.98 | 504 | \$2,040 | 1,028,160 | 363 | 141 |
| 2011/12 | 265 | 1.74 | 461 | \$2,900 | 1,336,900 | 336 | 125 |
| 2012/13 | 270 | 1.84 | 497 | \$3,030 | 1,505,910 | 344 | 153 |
| 2013/14 | 280 | 1.76 | 492 | \$3,710 | 1,825,320 | 344 | 148 |
| 2014/15 | 290 | 1.97 | 571 | \$3,340 | 1,907,140 | 422 | 149 |
| 2015/16 | 300 | 2.02 | 606 | \$1,670 | 1,012,020 | 460 | 146 |
| 2016/17 | 315 | 2.19 | 689 | \$1,850 | 1,274,650 | 496 | 193 |
| 2017/18 | 335 | 1.88 | 630 | \$2,490 | 1,568,700 | 441 | 189 |
| 2018/19 | 350 | 1.94 | 679 | \$1,350 | 916,650 | 508 | 171 |
| 2019/20 | 365 | 1.79 | 655 | \$1,890 | 1,237,950 | 513 | 142 |
| 2020/21 | 380 | 2.07 | 785 | \$1,220 | 957,700 | 591 | 194 |
| 2021/22 2/ | 385 | 1.87 | 720 | -- | -- | -- | -- |

1/ Utilized production (col. 3) is the sum of inshell sales (col. 7) and shelled sales (inshell basis) (col. (6))

2/ Production for 2021/22 is based on handler crop acquisition reported by the California Walnut Board. Bearing acres is NASS forecast. Average yield is computed by dividing utilized production by bearing acres. Other 2021/22 data is not yet available.

Source: NASS for all data except 2021/22 utilized production, which came from the California Walnut Board.

| Sept/ Aug Marketing Year | Inshell 1/ (1,000 tons) | Shelled 2/ (1,000 tons) |
|-------------------------------------|------------------------------------|------------------------------------|
| 2000/01 | 55.9 | 24.7 |
| 2001/02 | 51.1 | 30.2 |
| 2002/03 | 45.2 | 37.7 |
| 2003/04 | 57.9 | 38.2 |
| 2004/05 | 52.1 | 46.3 |
| 2005/06 | 62.2 | 75.0 |
| 2006/07 | 56.1 | 54.1 |
| 2007/08 | 47.5 | 52.0 |
| 2008/09 | 97.2 | 65.9 |
| 2009/10 | 99.0 | 73.8 |
| 2010/11 | 139.1 | 90.7 |
| 2011/12 | 121.9 | 80.3 |
| 2012/13 | 155.7 | 82.9 |
| 2013/14 | 162.8 | 81.3 |
| 2014/15 | 143.3 | 114.3 |
| 2015/16 | 138.2 | 153.6 |
| 2016/17 | 199.8 | 135.3 |
| 2017/18 | 155.1 | 131.0 |
| 2018/19 | 167.7 | 135.4 |
| 2019/20 | 153.0 | 128.6 |
| 2020/21 | 163.0 | 166.7 |

Source: GATS / FAS / USDA
1/ HS code inshell: 802310000
2/ HS code shelled: 802320000

| Sept/ Aug Marketing Year | Inshell 1/ (1,000 tons) | Shelled 2/ (1,000 tons) |
|-------------------------------------|------------------------------------|------------------------------------|
| 2000/01 | 0.00 | 0.61 |
| 2001/02 | 0.05 | 0.03 |
| 2002/03 | 0.05 | 0.08 |
| 2003/04 | 0.14 | 0.14 |
| 2004/05 | 0.00 | 0.32 |
| 2005/06 | 0.07 | 0.50 |
| 2006/07 | 0.01 | 1.13 |
| 2007/08 | 0.87 | 4.05 |
| 2008/09 | 0.00 | 1.03 |
| 2009/10 | 0.08 | 1.66 |
| 2010/11 | 0.17 | 0.18 |
| 2011/12 | 0.00 | 2.39 |
| 2012/13 | 0.69 | 3.96 |
| 2013/14 | 1.38 | 5.46 |
| 2014/15 | 0.18 | 10.51 |
| 2015/16 | 0.66 | 5.14 |
| 2016/17 | 0.83 | 7.51 |
| 2017/18 | 0.27 | 6.28 |
| 2018/19 | 0.58 | 1.07 |
| 2019/20 | 0.55 | 1.08 |
| 2020/21 | 0.96 | 0.63 |

Source: GATS / FAS / USDA
1/ HS code inshell: 802310000
2/ HS code shelled: 802320000

Table 4. California Walnuts: Number of Farm Operations Categorized by Acreage Ranges (2017 Agricultural Census - USDA/NASS)

| Acreage Ranges | Number of Farms | Percent of Total | Cumulative Percent |
|-----------------------|------------------------|-------------------------|---------------------------|
| 1.0 TO 9.9 ACRES | 1,290 | 23% | 23% |
| 10.0 TO 49.9 ACRES | 1,739 | 31% | 53% |
| 50.0 TO 69.9 ACRES | 369 | 7% | 60% |
| 70.0 TO 99.9 ACRES | 360 | 6% | 66% |
| 100 TO 139 ACRES | 256 | 5% | 71% |
| 140 TO 179 ACRES | 247 | 4% | 75% |
| 180 TO 219 ACRES | 154 | 3% | 78% |
| 220 TO 259 ACRES | 118 | 2% | 80% |
| 260 TO 499 ACRES | 465 | 8% | 88% |
| 500 TO 999 ACRES | 332 | 6% | 94% |
| 1,000 TO 1,999 ACRES | 189 | 3% | 97% |
| 2,000 OR MORE ACRES | 157 | 3% | 100% |
| Total farms | 5,676 | | |

Table 5. California Walnuts: Number of Farm Operations Categorized by Ranges of Annual Sales Value (2017 Agricultural Census - USDA/NASS)

| Ranges of Farm Sales | Number of Farms | Percent of Total | Cumulative Percent |
|-----------------------------|------------------------|-------------------------|---------------------------|
| LESS THAN 1,000 \$ | 448 | 8% | 8% |
| 1,000 TO 2,499 \$ | 176 | 3% | 11% |
| 2,500 TO 4,999 \$ | 283 | 5% | 16% |
| 5,000 TO 9,999 \$ | 413 | 7% | 23% |
| 10,000 TO 24,999 \$ | 715 | 13% | 36% |
| 25,000 TO 49,999 \$ | 578 | 10% | 46% |
| 50,000 TO 99,999 \$ | 572 | 10% | 56% |
| 100,000 TO 249,999 \$ | 716 | 13% | 69% |
| 250,000 TO 499,999 \$ | 542 | 10% | 78% |
| 500,000 TO 999,999 | 442 | 8% | 86% |
| 1,000,000 OR MORE \$ | 791 | 14% | 100% |
| Total farms | 5,676 | | |

Table 6. Walnuts: Supply and utilization (1,000 lbs., shelled basis), 2000/01 - 2020/21 1/

| Season 2/ | Utilized production | Loss and exempt 3/ | Marketable production | Imports | Beginning stocks | Total supply | Ending stocks | Exports | Domestic utilization | Per capita utilization |
|-----------|---------------------|--------------------|-----------------------|---------|------------------|--------------|---------------|---------|----------------------|------------------------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 2000/01 | 204,857 | 857 | 204,000 | 359 | 63,393 | 267,751 | 46,218 | 97,083 | 124,450 | 0.44 |
| 2001/02 | 257,556 | 844 | 256,711 | 200 | 46,218 | 303,128 | 80,004 | 103,420 | 119,704 | 0.42 |
| 2002/03 | 243,963 | 865 | 243,098 | 193 | 80,004 | 323,294 | 57,505 | 113,966 | 151,824 | 0.52 |
| 2003/04 | 279,429 | 857 | 278,571 | 412 | 57,505 | 336,488 | 63,210 | 126,356 | 146,922 | 0.50 |
| 2004/05 | 282,360 | 869 | 281,491 | 729 | 63,210 | 345,430 | 52,577 | 137,908 | 154,944 | 0.53 |
| 2005/06 | 315,989 | 890 | 315,099 | 1,050 | 52,577 | 368,726 | 39,288 | 205,380 | 124,058 | 0.42 |
| 2006/07 | 296,931 | 858 | 296,073 | 2,257 | 39,288 | 337,618 | 19,687 | 156,355 | 161,576 | 0.54 |
| 2007/08 | 280,427 | 855 | 279,573 | 8,712 | 19,687 | 307,972 | 19,885 | 144,673 | 143,414 | 0.47 |
| 2008/09 | 396,364 | 909 | 395,455 | 2,063 | 19,885 | 417,402 | 52,553 | 220,074 | 144,776 | 0.47 |
| 2009/10 | 387,870 | 888 | 386,982 | 3,378 | 52,553 | 442,913 | 37,321 | 235,463 | 170,129 | 0.55 |
| 2010/11 | 441,521 | 876 | 440,645 | 494 | 37,321 | 478,459 | 35,859 | 303,214 | 139,386 | 0.45 |
| 2011/12 | 400,631 | 869 | 399,762 | 4,848 | 35,859 | 440,469 | 42,740 | 266,439 | 131,290 | 0.42 |
| 2012/13 | 442,099 | 890 | 441,209 | 8,417 | 42,740 | 492,367 | 40,749 | 304,292 | 147,326 | 0.47 |
| 2013/14 | 437,651 | 890 | 436,762 | 11,910 | 40,749 | 489,420 | 34,325 | 307,371 | 147,724 | 0.47 |
| 2014/15 | 506,052 | 886 | 505,166 | 21,166 | 34,325 | 560,658 | 73,992 | 355,701 | 130,964 | 0.41 |
| 2015/16 | 526,957 | 870 | 526,087 | 10,782 | 73,992 | 610,861 | 56,571 | 427,263 | 127,026 | 0.39 |
| 2016/17 | 608,431 | 883 | 607,548 | 15,731 | 56,571 | 679,850 | 49,372 | 446,957 | 183,521 | 0.57 |
| 2017/18 | 557,143 | 884 | 556,259 | 12,740 | 49,372 | 618,370 | 56,046 | 399,256 | 163,068 | 0.50 |
| 2018/19 | 601,476 | 886 | 600,591 | 2,556 | 56,046 | 659,192 | 58,504 | 419,333 | 181,355 | 0.55 |
| 2019/20 | 559,240 | 854 | 558,386 | 2,679 | 58,504 | 619,570 | 54,521 | 387,819 | 177,230 | 0.54 |
| 2020/21 P | 685,381 | 873 | 684,508 | 2,089 | 54,521 | 741,117 | 87,608 | 475,816 | 177,693 | 0.54 |

P = Preliminary.

1/ Conversion factors from in-shell to shelled basis vary year to year for production, stocks, and exports, and were 0.44 in 2010/11, 0.43 in 2011/12, 0.44 in 2012/13 through 2014/15, 0.43 in 2015/16, and 0.44 in 2016/17 through 2018/19. For imports, the conversion factor was a constant 0.35.

2/ Season began in August through 2007/08. As of 2008/09, season begins September 1.

3/ Inedible quantities and noncommercial usage.

Source: USDA, Economic Research Service calculations.