

Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | All farms | | | | | | | | | | |
|-------------------------------------|-----------------------|-----------------------|----------------------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|--------------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) | |
| United States | 2023 2018 | 212,714 231,474 | 202,564,553 222,028,954 | 53,135,170 55,938,795 | 49,609,793 51,552,851 | 35,685,151 36,182,400 | 5,904,554 6,292,234 | 13,673,923 15,932,204 | 43,945,347 41,533,499 | 8,597,404 8,278,327 | 28,463,082 33,569,129 |
| 2023 DATA | | | | | | | | | | | |
| Alabama | | 1,230 | 824,553 | 157,755 | 153,796 | 79,804 | 66,944 | 12,997 | 70,241 | 36,209 | 8,503 |
| Alaska | | 359 | 9,035 | 1,677 | 1,675 | 1,293 | 120 | 45 | 1,063 | 85 | 35 |
| Arizona | | 3,086 | 8,966,100 | 921,013 | 864,686 | 437,637 | 84,945 | 442,234 | 1,768,221 | 317,556 | 1,842,076 |
| Arkansas | | 2,857 | 5,480,831 | 4,646,159 | 4,645,918 | 4,120,196 | 531,644 | 14,540 | 4,540,007 | 603,807 | 22,062 |
| California | | 38,033 | 15,203,884 | 7,765,348 | 7,402,952 | 3,903,996 | 1,071,649 | 4,121,056 | 8,625,417 | 2,257,175 | 11,729,887 |
| Colorado | | 12,865 | 12,385,374 | 2,368,208 | 1,939,936 | 893,892 | 418,473 | 1,172,132 | 1,217,461 | 697,128 | 1,827,204 |
| Connecticut | | 622 | 29,102 | 4,448 | 4,405 | 1,678 | 417 | 417 | 1,155 | 4,052 | 320 |
| Delaware | | 416 | 281,103 | 132,106 | 131,992 | 122,871 | 10,965 | 18 | 79,564 | 6,264 | 12 |
| Florida | | 7,303 | 2,859,958 | 1,145,368 | 1,101,574 | 689,135 | 250,615 | 312,434 | 723,054 | 165,082 | 308,225 |
| Georgia | | 4,234 | 3,225,793 | 1,222,368 | 1,209,820 | 1,010,570 | 228,406 | 19,933 | 1,079,142 | 190,514 | 29,478 |
| Hawaii | | 1,850 | 179,956 | 36,166 | 31,757 | 4,038 | 8,653 | 23,426 | 8,467 | 13,241 | 34,788 |
| Idaho | | 11,952 | 7,020,834 | 3,180,948 | 2,848,808 | 1,206,858 | 522,023 | 1,489,498 | 2,009,892 | 823,462 | 2,573,296 |
| Illinois | | 2,141 | 1,851,591 | 680,392 | 679,473 | 669,297 | 5,385 | 5,310 | 403,633 | 4,631 | 2,442 |
| Indiana | | 2,298 | 1,981,450 | 582,245 | 580,262 | 534,453 | 53,414 | 14,986 | 263,037 | 28,346 | 13,360 |
| Iowa | | 1,176 | 1,003,247 | 235,413 | 235,341 | 223,738 | 7,769 | 3,657 | 118,583 | 5,236 | 2,302 |
| Kansas | | 4,188 | 12,481,063 | 2,325,264 | 2,274,057 | 2,238,889 | 74,445 | 45,322 | 2,502,497 | 39,599 | 28,606 |
| Kentucky | | 1,321 | 550,927 | 81,805 | 81,296 | 45,667 | 30,040 | 5,538 | 22,688 | 14,496 | 7,734 |
| Louisiana | | 1,859 | 2,436,723 | 1,306,078 | 1,301,414 | 1,123,631 | 133,772 | 51,757 | 1,190,608 | 166,001 | 47,468 |
| Maine | | 559 | 178,970 | 18,822 | 16,578 | 8,374 | 5,978 | 4,178 | 2,043 | 2,164 | 1,298 |
| Maryland | | 916 | 344,822 | 130,707 | 130,393 | 105,117 | 24,846 | 1,686 | 48,324 | 13,697 | 1,280 |
| Massachusetts | | 1,311 | 98,097 | 18,963 | 18,789 | 2,976 | 14,285 | 1,670 | 1,832 | 10,568 | 1,238 |
| Michigan | | 4,602 | 2,209,871 | 750,576 | 744,700 | 621,419 | 122,554 | 24,536 | 344,344 | 64,080 | 14,460 |
| Minnesota | | 2,446 | 1,441,468 | 558,507 | 557,355 | 530,656 | 14,609 | 13,507 | 360,750 | 16,778 | 16,712 |
| Mississippi | | 1,671 | 2,259,054 | 1,713,436 | 1,712,855 | 1,669,303 | 70,666 | 1,533 | 1,395,398 | 69,117 | 1,389 |
| Missouri | | 2,337 | 2,539,097 | 1,487,302 | 1,486,921 | 1,441,900 | 39,199 | 5,808 | 1,185,148 | 24,861 | 2,684 |
| Montana | | 7,013 | 21,977,160 | 1,561,373 | 1,162,904 | 51,396 | 490,983 | 1,025,715 | 50,058 | 613,525 | 1,216,012 |
| Nebraska | | 13,128 | 22,602,456 | 7,305,801 | 7,231,584 | 6,882,278 | 73,820 | 404,874 | 6,382,819 | 50,919 | 380,225 |
| Nevada | | 1,604 | 3,843,498 | 767,374 | 513,432 | 237,113 | 189,541 | 350,578 | 707,595 | 473,875 | 1,067,349 |
| New Hampshire | | 369 | 27,997 | 2,060 | 2,052 | 717 | 987 | 426 | 386 | 630 | 150 |
| New Jersey | | 1,193 | 217,801 | 70,616 | 67,720 | 51,958 | 18,861 | 285 | 31,476 | 7,910 | 222 |
| New Mexico | | 7,718 | 4,249,733 | 583,735 | 474,569 | 303,379 | 26,454 | 286,262 | 662,449 | 54,280 | 494,376 |
| New York | | 2,439 | 346,014 | 49,251 | 49,138 | 24,316 | 17,262 | 6,711 | 12,331 | 7,468 | 4,525 |
| North Carolina | | 2,907 | 889,074 | 152,023 | 149,733 | 76,069 | 72,866 | 2,089 | 58,473 | 59,759 | 2,971 |
| North Dakota | | 601 | 1,689,371 | 246,363 | 246,081 | 183,092 | 6,582 | 56,643 | 124,172 | 3,867 | 39,773 |
| Ohio | | 1,931 | 306,706 | 56,230 | 55,744 | 37,281 | 15,801 | 11,061 | 21,972 | 11,318 | 3,472 |
| Oklahoma | | 1,734 | 3,963,086 | 539,181 | 498,824 | 502,711 | 16,211 | 23,136 | 626,730 | 7,225 | 31,510 |
| Oregon | | 12,692 | 8,384,214 | 1,447,429 | 1,219,625 | 571,315 | 328,973 | 604,655 | 916,546 | 516,379 | 1,048,413 |
| Pennsylvania | | 2,362 | 242,975 | 30,248 | 29,521 | 10,473 | 13,056 | 5,884 | 6,286 | 9,164 | 4,986 |
| Rhode Island | | 225 | 11,147 | 3,931 | 3,754 | 1,846 | 1,146 | 838 | 1,224 | 1,195 | 599 |
| South Carolina | | 1,572 | 809,212 | 187,519 | 184,806 | 162,317 | 23,331 | 2,611 | 130,569 | 15,878 | 1,176 |
| South Dakota | | 1,352 | 2,565,748 | 379,630 | 374,693 | 299,368 | 13,439 | 66,743 | 191,999 | 6,605 | 59,175 |
| Tennessee | | 1,388 | 792,210 | 174,162 | 174,162 | 157,820 | 9,609 | 6,329 | 73,559 | 5,821 | 1,686 |
| Texas | | 10,896 | 19,762,913 | 3,724,195 | 3,220,509 | 3,115,019 | 153,964 | 564,451 | 3,777,926 | 184,610 | 643,530 |
| Utah | | 10,432 | 4,127,787 | 986,166 | 741,292 | 243,916 | 86,689 | 657,674 | 746,984 | 113,285 | 1,361,605 |
| Vermont | | 486 | 28,500 | 2,675 | 2,415 | 872 | 1,557 | 76 | 698 | 2,090 | 66 |
| Virginia | | 1,350 | 380,489 | 55,802 | 54,345 | 8,561 | 39,135 | 7,607 | 6,247 | 25,221 | 4,138 |
| Washington | | 9,988 | 6,190,535 | 1,706,118 | 1,635,528 | 548,768 | 179,171 | 1,011,090 | 994,421 | 310,674 | 2,332,619 |
| West Virginia | | 505 | 65,210 | 2,179 | 2,179 | 916 | 727 | 203 | 600 | 283 | 272 |
| Wisconsin | | 2,714 | 1,579,424 | 481,845 | 480,552 | 447,981 | 38,233 | 4,112 | 365,611 | 72,516 | 3,026 |
| Wyoming | | 4,483 | 11,668,390 | 1,148,190 | 877,878 | 78,278 | 292,586 | 785,657 | 111,648 | 468,761 | 1,244,348 |
| Water Resource Regions | | | | | | | | | | | |
| Region 01 New England | | 3,221 | 357,916 | 49,633 | 46,727 | 15,957 | 25,528 | 7,530 | 6,982 | 20,365 | 3,609 |
| Region 02 Mid-Atlantic | | 6,918 | 1,483,813 | 444,120 | 438,520 | 317,376 | 113,106 | 15,392 | 180,819 | 63,030 | 10,591 |
| Region 03 South Atlantic-Gulf | | 17,369 | 8,454,017 | 2,829,208 | 2,763,988 | 2,002,894 | 628,197 | 343,276 | 2,053,994 | 462,734 | 347,832 |
| Region 04 Great Lakes | | 7,846 | 3,008,684 | 978,210 | 972,072 | 815,928 | 149,097 | 36,233 | 458,961 | 81,889 | 19,728 |
| Region 05 Ohio | | 5,317 | 2,278,938 | 482,493 | 480,801 | 415,304 | 57,287 | 24,537 | 224,697 | 27,162 | 21,349 |
| Region 06 Tennessee | | 1,279 | 490,417 | 85,450 | 85,105 | 35,897 | 35,586 | 13,571 | 29,786 | 17,026 | 4,470 |
| Region 07 Upper Mississippi | | 7,863 | 5,614,417 | 1,846,988 | 1,842,477 | 1,750,307 | 93,119 | 18,505 | 1,164,489 | 110,209 | 11,072 |
| Region 08 Lower Mississippi | | 6,170 | 11,316,795 | 8,377,798 | 8,372,698 | 7,681,901 | 681,363 | 62,926 | 7,566,558 | 783,838 | 68,617 |
| Region 09 Souris-Red-Rainy | | 502 | 983,675 | 181,264 | 181,084 | 154,144 | 9,169 | 17,896 | 99,854 | 8,187 | 19,818 |
| Region 10 Missouri | | 29,755 | 67,370,394 | 11,799,109 | 11,161,125 | 8,705,373 | 857,683 | 2,387,416 | 8,125,947 | 1,152,329 | 3,075,025 |
| Region 11 Arkansas-White-Red | | 9,195 | 19,432,156 | 4,852,366 | 4,613,251 | 4,353,982 | 292,207 | 333,343 | 5,295,933 | 349,929 | 492,186 |
| Region 12 Texas-Gulf | | 8,603 | 11,441,998 | 2,337,508 | 1,910,743 | 1,819,449 | 56,975 | 493,334 | 2,006,829 | 69,659 | 580,014 |
| Region 13 Rio Grande | | 6,738 | 6,228,054 | 703,913 | 530,197 | 411,247 | 64,508 | 271,308 | 843,480 | 105,889 | 445,529 |
| Region 14 Upper Colorado | | 10,851 | 9,292,022 | 1,293,636 | 894,004 | 4,195 | 297,029 | 1,005,367 | 4,647 | 428,816 | 1,740,871 |
| Region 15 Lower Colorado | | 3,632 | 9,387,271 | 1,054,139 | 987,087 | 468,511 | 98,678 | 530,694 | 1,864,665 | 364,932 | 2,298,379 |
| Region 16 Great Basin | | 10,533 | 7,253,125 | 1,609,059 | 1,198,135 | 521,411 | 272,121 | 827,542 | 1,515,383 | 612,935 | 1,924,785 |
| Region 17 Pacific Northwest | | 36,245 | 22,585,239 | 6,394,164 | 5,725,558 | 2,256,650 | 1,091,115 | 3,172,526 | 3,795,786 | 1,695,664 | 5,977,604 |
| Region 18 California | | 38,468 | 15,396,631 | 7,778,269 | 7,372,789 | 3,949,292 | 1,073,012 | 4,089,056 | 8,697,007 | 2,229,486 | 11,386,778 |
| Region 19 Alaska | | 359 | 9,035 | 1,677 | 1,675 | 1,293 | 120 | 45 | 1,063 | 85 | 35 |
| Region 20 Hawaii | | 1,850 | 179,956 | 36,166 | 31,757 | 4,038 | 8,653 | 23,426 | 8,467 | 13,241 | 34,788 |

See footnote(s) at end of table.

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Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018 (continued)

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | Less than \$25,000 | | | | | | | | | | |
|-------------------------------------|-----------------------|-----------------------|--------------------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|------------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) | |
| United States | 2023 2018 | 95,922 106,363 | 22,518,793 21,683,475 | 2,564,030 2,770,548 | 1,617,293 1,778,667 | 672,201 641,511 | 456,926 499,717 | 1,477,238 1,677,276 | 964,473 729,293 | 623,031 772,411 | 2,154,575 2,841,607 |
| 2023 DATA | | | | | | | | | | | |
| Alabama | | 527 | 48,137 | 4,351 | 2,077 | 1,451 | 2,353 | 445 | 1,110 | 980 | 522 |
| Alaska | | 239 | 4,900 | 500 | 498 | 286 | 32 | 35 | 176 | (D) | 34 |
| Arizona | | 1,876 | 2,859,252 | 34,600 | 13,061 | 21,809 | 1,093 | 11,764 | 55,781 | 1,642 | 30,998 |
| Arkansas | | 455 | 43,161 | 9,708 | 9,659 | 7,920 | 1,498 | 221 | 11,105 | 1,705 | 132 |
| California | | 14,656 | 936,057 | 317,719 | 252,332 | 151,144 | 46,779 | 142,587 | 325,237 | 119,521 | 321,501 |
| Colorado | | 8,388 | 1,951,410 | 326,424 | 193,060 | 34,197 | 92,356 | 206,278 | 42,756 | 133,058 | 280,433 |
| Connecticut | | 248 | 4,941 | 545 | 502 | 254 | 143 | 72 | 196 | 376 | 58 |
| Delaware | | 44 | 1,525 | 610 | 610 | 592 | - | (D) | 196 | - | (D) |
| Florida | | 3,972 | 234,316 | 58,296 | 54,642 | 33,091 | 12,280 | 12,775 | 22,261 | 5,391 | 6,969 |
| Georgia | | 1,835 | 620,804 | 46,931 | 38,342 | 40,113 | 7,007 | 349 | 22,717 | 3,981 | 366 |
| Hawaii | | 1,097 | 10,178 | 3,149 | 2,471 | 321 | (D) | 2,539 | 343 | (D) | 2,456 |
| Idaho | | 7,526 | 532,510 | 193,583 | 125,098 | 51,773 | 39,235 | 112,256 | 83,452 | 44,101 | 134,651 |
| Illinois | | 379 | 14,167 | 6,147 | 6,147 | 5,936 | 38 | 52 | 2,955 | 52 | 52 |
| Indiana | | 408 | 20,181 | 4,406 | 4,141 | 2,838 | 882 | 554 | 564 | 498 | 281 |
| Iowa | | 307 | 4,712 | 828 | 798 | 563 | (D) | 52 | 589 | 124 | 52 |
| Kansas | | 335 | 16,437 | 2,235 | 2,235 | 1,285 | 15 | 850 | 702 | 10 | 1,220 |
| Kentucky | | 725 | 52,864 | 2,667 | 2,158 | 1,160 | 586 | (D) | 442 | 1,169 | (D) |
| Louisiana | | 420 | 26,838 | 3,091 | 2,981 | 2,169 | 122 | 687 | 1,754 | 58 | 210 |
| Maine | | 286 | 14,576 | 474 | 443 | 228 | 77 | 17 | 232 | 35 | 11 |
| Maryland | | 217 | 11,810 | 3,889 | 3,694 | 3,730 | (D) | 20 | 870 | 42 | (D) |
| Massachusetts | | 565 | 17,334 | 2,095 | 1,986 | 356 | 1,405 | 274 | 354 | 1,085 | 162 |
| Michigan | | 1,258 | 61,898 | 7,503 | 7,042 | 4,351 | 1,793 | 995 | 3,463 | 1,389 | 345 |
| Minnesota | | 526 | 37,580 | 8,601 | 8,601 | 6,662 | 1,817 | 16 | 5,129 | 1,207 | 16 |
| Mississippi | | 478 | 41,127 | 7,624 | 7,196 | 5,937 | 1,510 | 429 | 3,987 | 834 | 308 |
| Missouri | | 686 | 51,878 | 5,176 | 5,048 | 4,498 | 315 | 185 | 3,035 | 278 | (D) |
| Montana | | 3,956 | 3,180,697 | 266,277 | 187,876 | 15,324 | 84,404 | 166,376 | 15,523 | 97,935 | 166,878 |
| Nebraska | | 483 | 37,202 | 11,281 | 8,253 | 3,823 | - | 7,421 | 6,331 | - | 6,697 |
| Nevada | | 880 | 187,540 | 30,992 | 21,121 | 8,873 | (D) | 21,529 | 22,071 | (D) | 53,885 |
| New Hampshire | | 194 | 9,203 | 345 | 337 | 222 | 19 | 14 | 143 | 20 | 15 |
| New Jersey | | 540 | 27,559 | 2,381 | 2,365 | 1,580 | 667 | 89 | 1,677 | (D) | 89 |
| New Mexico | | 6,344 | 1,870,388 | 100,882 | 58,725 | 26,726 | 5,326 | 70,941 | 44,811 | 7,949 | 115,024 |
| New York | | 933 | 42,553 | 3,620 | 3,564 | 2,608 | 487 | 175 | 1,285 | 504 | 140 |
| North Carolina | | 1,177 | 63,107 | 9,867 | 9,637 | 1,849 | 7,514 | (D) | 1,914 | 9,788 | 89 |
| North Dakota | | 63 | 4,807 | 338 | 338 | 16 | 22 | 276 | 20 | (D) | 76 |
| Ohio | | 873 | 36,285 | 3,791 | 3,305 | 3,000 | 1,306 | 1,522 | 1,958 | 307 | (D) |
| Oklahoma | | 559 | 221,805 | 15,541 | 14,226 | 7,264 | 2,495 | 5,707 | 3,116 | 1,897 | 9,392 |
| Oregon | | 7,591 | 1,481,840 | 130,101 | 71,536 | 24,186 | 25,184 | 83,312 | 30,110 | 28,093 | 127,374 |
| Pennsylvania | | 660 | 26,284 | 1,578 | 1,578 | 931 | (D) | 283 | 906 | 172 | (D) |
| Rhode Island | | 115 | 2,696 | 244 | 177 | 146 | 33 | 18 | 123 | 14 | 21 |
| South Carolina | | 747 | 33,792 | 2,964 | 2,471 | 1,513 | (D) | 730 | 1,610 | 490 | 123 |
| South Dakota | | 266 | 13,753 | 2,933 | 1,800 | 210 | - | 2,700 | 179 | - | 2,617 |
| Tennessee | | 707 | 21,365 | 1,227 | 1,227 | 609 | 151 | 247 | 661 | 142 | 313 |
| Texas | | 4,960 | 3,475,002 | 376,253 | 127,759 | 138,738 | 8,363 | 229,757 | 173,940 | 7,787 | 236,282 |
| Utah | | 7,681 | 870,259 | 220,969 | 129,960 | 12,794 | 25,644 | 182,908 | 23,995 | 39,387 | 334,634 |
| Vermont | | 234 | 15,209 | 399 | 399 | 224 | 40 | 20 | 151 | 42 | 20 |
| Virginia | | 654 | 31,652 | 2,530 | 1,590 | 1,695 | 445 | (D) | 851 | 529 | 56 |
| Washington | | 5,163 | 269,491 | 72,409 | 51,534 | 16,938 | 14,814 | 40,433 | 26,819 | 25,282 | 79,801 |
| West Virginia | | 361 | 25,443 | 671 | 671 | 217 | 49 | 165 | 179 | 41 | 201 |
| Wisconsin | | 724 | 35,711 | 3,216 | 3,151 | 1,386 | 1,533 | (D) | 1,263 | 1,759 | (D) |
| Wyoming | | 2,604 | 2,916,557 | 252,069 | 168,871 | 18,662 | 65,475 | 168,490 | 15,427 | 81,848 | 238,976 |
| Water Resource Regions | | | | | | | | | | | |
| Region 01 New England | | 1,450 | 50,035 | 3,771 | 3,513 | 1,246 | 1,680 | 399 | 1,071 | 1,533 | 271 |
| Region 02 Mid-Atlantic | | 2,259 | 104,420 | 12,486 | 11,297 | 10,500 | 1,126 | 284 | 5,469 | 650 | 202 |
| Region 03 South Atlantic-Gulf | | 8,424 | 1,024,433 | 124,364 | 109,361 | 79,009 | 30,297 | 14,613 | 50,175 | 20,640 | 8,217 |
| Region 04 Great Lakes | | 2,383 | 118,973 | 13,846 | 13,323 | 8,090 | 3,064 | 1,878 | 4,610 | 2,130 | 827 |
| Region 05 Ohio | | 2,401 | 120,459 | 11,739 | 10,479 | 8,364 | 2,347 | 2,224 | 3,876 | 1,750 | 1,059 |
| Region 06 Tennessee | | 776 | 22,994 | 1,730 | 1,385 | (D) | (D) | 402 | 464 | (D) | 386 |
| Region 07 Upper Mississippi | | 1,733 | 100,560 | 15,234 | 15,153 | 11,305 | 3,337 | 135 | 8,628 | 3,134 | 141 |
| Region 08 Lower Mississippi | | 808 | 77,703 | 16,320 | 15,846 | 14,588 | 1,046 | 844 | 12,431 | 893 | 265 |
| Region 09 Souris-Red-Rainy | | 109 | 6,969 | 474 | 474 | (D) | (D) | 15 | 216 | 46 | 15 |
| Region 10 Missouri | | 7,513 | 5,600,798 | 466,693 | 335,191 | 54,038 | 110,401 | 307,686 | 64,007 | 142,697 | 378,591 |
| Region 11 Arkansas-White-Red | | 2,930 | 1,080,382 | 101,979 | 77,433 | 39,091 | 25,384 | 37,204 | 45,619 | 31,053 | 64,950 |
| Region 12 Texas-Gulf | | 4,047 | 3,033,640 | 348,380 | 99,501 | 119,069 | 3,363 | 226,501 | 148,671 | 4,510 | 232,611 |
| Region 13 Rio Grande | | 5,278 | 1,165,402 | 94,744 | 61,977 | 24,224 | 17,683 | 55,373 | 38,048 | 25,517 | 82,215 |
| Region 14 Upper Colorado | | 8,232 | 2,474,078 | 317,963 | 169,052 | 1,120 | 76,385 | 241,378 | 2,883 | 103,475 | 356,414 |
| Region 15 Lower Colorado | | 2,311 | 2,897,947 | 40,450 | 16,812 | 24,693 | 1,284 | 14,489 | 63,615 | 1,882 | 37,702 |
| Region 16 Great Basin | | 7,403 | 756,320 | 198,378 | 124,072 | 21,754 | 29,619 | 147,388 | 40,889 | 44,975 | 279,985 |
| Region 17 Pacific Northwest | | 21,682 | 2,910,171 | 460,101 | 293,357 | 99,213 | 98,979 | 273,465 | 143,677 | 112,460 | 374,010 |
| Region 18 California | | 14,847 | 958,431 | 331,729 | 256,098 | 154,339 | 50,159 | 150,385 | 329,604 | 124,811 | 334,223 |
| Region 19 Alaska | | 239 | 4,900 | 500 | 498 | 286 | 32 | 35 | 176 | (D) | 34 |
| Region 20 Hawaii | | 1,097 | 10,178 | 3,149 | 2,471 | 321 | (D) | 2,539 | 343 | (D) | 2,456 |

See footnote(s) at end of table.

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Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018 (continued)

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | \$25,000 to \$49,999 | | | | | | | | | | |
|-------------------------------------|-----------------------|-----------------------|------------------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|--------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) | |
| United States | 2023 2018 | 16,947 18,815 | 5,396,950 7,013,890 | 961,904 1,072,326 | 745,911 814,490 | 324,541 392,246 | 121,102 121,463 | 526,913 582,956 | 418,868 407,631 | 177,290 150,476 | 957,315 973,895 |
| 2023 DATA | | | | | | | | | | | |
| Alabama | 133 | 10,213 | 4,089 | 4,089 | 1,429 | 2,599 | 26 | 993 | 2,553 | 23 | |
| Alaska | 14 | 322 | (D) | (D) | (D) | (D) | - | (D) | 27 | - | |
| Arizona | 152 | 54,296 | 23,652 | 21,408 | 3,467 | 760 | 19,420 | 13,162 | 4,180 | 107,540 | |
| Arkansas | 101 | 34,329 | 12,144 | 12,144 | 10,357 | 1,465 | 311 | 6,162 | 1,297 | 306 | |
| California | 3,901 | 478,087 | 99,286 | 77,364 | 51,556 | 10,425 | 47,555 | 109,544 | 14,600 | 117,654 | |
| Colorado | 1,073 | 1,294,129 | 154,200 | 128,897 | 18,642 | 30,118 | 105,408 | 25,038 | 53,102 | 158,162 | |
| Connecticut | 117 | 1,903 | 195 | 195 | 89 | 22 | 22 | 74 | 8 | 22 | |
| Delaware | 46 | 6,044 | 1,932 | 1,932 | 1,354 | 570 | (D) | 1,369 | 333 | (D) | |
| Florida | 525 | 7,843 | 5,468 | 5,468 | 5,254 | 403 | - | 6,636 | 392 | - | |
| Georgia | 166 | 17,780 | 5,286 | 5,286 | 3,541 | 1,755 | (Z) | 2,106 | 189 | (Z) | |
| Hawaii | 189 | (D) | 587 | 559 | (D) | 28 | (D) | (D) | (D) | 479 | |
| Idaho | 949 | 126,543 | 76,409 | 54,279 | 7,280 | 14,168 | 54,920 | 11,570 | 24,495 | 82,399 | |
| Illinois | 117 | 5,450 | 4,818 | 4,818 | 4,760 | - | 24 | 3,327 | - | 22 | |
| Indiana | 158 | 10,461 | 1,390 | 1,390 | 1,284 | 1 | (D) | 905 | (D) | (D) | |
| Iowa | 60 | 3,820 | 360 | 360 | 61 | 240 | (D) | 43 | 280 | 21 | |
| Kansas | 179 | 56,651 | 11,820 | 11,820 | 11,598 | 147 | 43 | 5,395 | 101 | 38 | |
| Kentucky | 81 | 7,413 | 169 | 169 | 17 | (D) | 40 | 15 | 58 | 29 | |
| Louisiana | 92 | 29,036 | 9,944 | 9,824 | 9,346 | 572 | (D) | 7,059 | 1,430 | (D) | |
| Maine | 42 | 1,911 | 143 | 143 | 118 | (D) | - | 83 | (D) | - | |
| Maryland | 125 | 12,535 | 2,382 | 2,382 | 2,276 | (D) | (D) | 832 | 39 | 28 | |
| Massachusetts | 125 | 4,829 | 718 | 718 | (D) | 568 | - | 27 | 345 | - | |
| Michigan | 342 | 6,803 | 3,222 | 3,222 | 2,606 | 343 | (D) | 1,932 | 144 | (D) | |
| Minnesota | 153 | 30,029 | 12,871 | 12,871 | 12,790 | - | 16 | 11,914 | - | 7 | |
| Mississippi | 76 | 21,769 | 14,833 | 14,833 | 14,800 | (D) | 1 | 10,172 | (D) | 4 | |
| Missouri | 131 | 6,886 | 2,268 | 2,235 | 2,015 | 94 | 94 | 1,575 | 67 | 94 | |
| Montana | 738 | 508,238 | 67,048 | 52,463 | 1,383 | 13,986 | 51,662 | (D) | 15,259 | 58,916 | |
| Nebraska | 550 | 142,926 | 32,611 | 32,611 | 25,159 | 2,090 | 5,336 | 18,629 | 1,741 | 8,267 | |
| Nevada | 205 | 147,293 | 60,765 | 22,856 | (D) | (D) | 50,370 | (D) | 13,489 | 125,190 | |
| New Hampshire | 29 | 2,602 | 52 | 52 | 8 | (D) | (D) | (D) | (D) | 5 | |
| New Jersey | 33 | (D) | 161 | 161 | 3 | 133 | 5 | 5 | 147 | 3 | |
| New Mexico | 408 | 231,439 | 58,123 | 25,577 | 4,850 | 14 | 53,239 | 10,280 | 16 | 68,305 | |
| New York | 296 | 13,985 | 1,355 | 1,355 | 94 | 856 | 221 | 120 | 713 | 243 | |
| North Carolina | 327 | 15,921 | 4,011 | 4,011 | 1,235 | 2,624 | 37 | 687 | 2,254 | 37 | |
| North Dakota | 16 | 19,096 | 1,876 | 1,876 | 620 | - | 1,251 | 370 | - | 1,461 | |
| Ohio | 166 | 7,968 | 543 | 543 | 141 | (D) | 256 | 82 | 38 | 312 | |
| Oklahoma | 230 | 372,013 | 35,522 | 31,251 | 35,480 | - | (D) | 31,091 | - | 18 | |
| Oregon | 858 | 263,720 | 46,629 | 25,592 | 16,993 | 6,822 | 22,745 | 22,859 | 7,858 | 42,914 | |
| Pennsylvania | 255 | 12,387 | 1,689 | 1,089 | 331 | 588 | 691 | 325 | 686 | 653 | |
| Rhode Island | 26 | 382 | 61 | 61 | 31 | (D) | 3 | 30 | (D) | 3 | |
| South Carolina | 202 | 18,654 | 2,789 | 1,789 | 1,208 | 1,503 | 49 | 412 | 1,403 | 74 | |
| South Dakota | 6 | 242 | 82 | 82 | 70 | - | (D) | 70 | - | (D) | |
| Tennessee | 103 | 10,481 | 979 | 979 | 898 | 20 | 6 | 537 | 40 | 17 | |
| Texas | 992 | 1,014,365 | 72,403 | 58,567 | 56,000 | 6,285 | 11,804 | 78,482 | 6,935 | 10,024 | |
| Utah | 885 | 178,279 | 69,442 | 56,658 | 2,111 | 5,545 | 61,799 | 7,611 | 11,807 | 98,352 | |
| Vermont | 58 | 2,177 | 103 | 103 | (D) | 33 | (D) | (D) | 37 | (Z) | |
| Virginia | 127 | 8,219 | 592 | 312 | (D) | 31 | (Z) | 267 | 16 | 3 | |
| Washington | 863 | 65,754 | 21,078 | 18,120 | 6,195 | 2,402 | 12,362 | 12,755 | 2,866 | 26,480 | |
| West Virginia | 15 | 654 | (D) | (D) | (D) | 3 | - | (D) | 3 | - | |
| Wisconsin | 213 | 10,112 | 3,077 | 3,077 | 2,170 | 819 | (D) | 1,603 | 672 | (D) | |
| Wyoming | 299 | 118,622 | 32,659 | 30,252 | 510 | 6,063 | 26,592 | 255 | 7,571 | 49,139 | |
| Water Resource Regions | | | | | | | | | | | |
| Region 01 New England | 375 | 13,196 | 1,218 | 1,218 | 388 | 623 | 31 | 235 | 398 | 31 | |
| Region 02 Mid-Atlantic | 691 | 40,552 | 7,271 | 6,391 | 4,389 | 1,758 | 814 | 2,796 | 1,731 | 809 | |
| Region 03 South Atlantic-Gulf | 1,356 | 73,301 | 21,733 | 20,733 | 12,754 | 8,904 | 114 | 10,841 | 6,793 | 138 | |
| Region 04 Great Lakes | 665 | 29,630 | 7,476 | 7,476 | 5,575 | 1,390 | (D) | 4,007 | 753 | 182 | |
| Region 05 Ohio | 379 | 21,168 | 871 | 871 | 162 | (D) | 298 | 149 | (D) | 343 | |
| Region 06 Tennessee | 80 | (D) | (D) | (D) | (D) | - | (Z) | (D) | - | (Z) | |
| Region 07 Upper Mississippi | 489 | 45,255 | 19,064 | 19,064 | 18,220 | 534 | 105 | 15,809 | 553 | (D) | |
| Region 08 Lower Mississippi | 261 | 76,076 | 38,770 | 38,650 | 36,882 | 1,830 | 14 | 24,972 | 2,670 | 28 | |
| Region 09 Souris-Red-Rainy | 3 | 6 | 3 | 3 | - | - | (D) | - | - | (D) | |
| Region 10 Missouri | 1,755 | 811,033 | 129,068 | 114,491 | 38,851 | 20,339 | 70,260 | 29,151 | 23,479 | 90,474 | |
| Region 11 Arkansas-White-Red | 783 | 773,119 | 103,825 | 79,598 | 68,801 | 1,754 | 33,220 | 91,102 | 2,470 | 29,677 | |
| Region 12 Texas-Gulf | 788 | 825,560 | 48,533 | 38,727 | 42,505 | 4,845 | (D) | 40,925 | 5,495 | 2,124 | |
| Region 13 Rio Grande | 303 | 252,779 | 54,198 | 31,025 | 4,295 | 5,848 | 44,014 | 9,840 | 8,052 | 66,335 | |
| Region 14 Upper Colorado | 897 | 1,064,542 | 120,750 | 97,274 | (D) | 22,697 | 98,053 | (D) | 41,833 | 162,016 | |
| Region 15 Lower Colorado | 155 | 54,356 | 23,700 | 21,453 | 3,467 | 760 | 19,466 | 13,162 | 4,180 | 107,621 | |
| Region 16 Great Basin | 951 | 298,117 | 118,201 | 72,513 | 7,902 | 16,508 | 93,781 | 21,659 | 41,199 | 194,365 | |
| Region 17 Pacific Northwest | 2,872 | 527,542 | 162,977 | 117,228 | 27,537 | 112,582 | 22,618 | 43,851 | 22,836 | 178,732 | |
| Region 18 California | 3,941 | 482,847 | 103,406 | 78,384 | 52,576 | 10,425 | 50,655 | 110,064 | 14,600 | 123,854 | |
| Region 19 Alaska | 14 | 322 | (D) | (D) | (D) | (D) | - | (D) | 27 | - | |
| Region 20 Hawaii | 189 | (D) | 587 | 559 | (D) | 28 | (D) | (D) | (D) | 479 | |

See footnote(s) at end of table.

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Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018 (continued)

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | \$50,000 to \$99,999 | | | | | | | | | |
|-------------------------------------|-----------------------|-----------------------|-----------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) |
| United States | 17,728 | 7,835,256 | 1,529,257 | 1,329,819 | 770,077 | 257,150 | 518,935 | 861,622 | 368,512 | 838,631 |
| 2018 | 19,608 | 13,142,214 | 2,071,141 | 1,712,727 | 927,004 | 297,632 | 888,083 | 965,070 | 400,502 | 1,405,008 |
| 2023 DATA | | | | | | | | | | |
| Alabama | 140 | 44,689 | 4,798 | 4,798 | 716 | 4,082 | - | 532 | 2,658 | - |
| Alaska | 78 | 1,926 | 168 | 168 | 62 | 50 | (Z) | 46 | (D) | (Z) |
| Arizona | 266 | 291,431 | 20,024 | 6,960 | 10,856 | 2,375 | 6,781 | 40,388 | 4,750 | 11,524 |
| Arkansas | 190 | 104,813 | 88,686 | 88,686 | 82,561 | 6,098 | 14 | 97,145 | 6,316 | 14 |
| California | 4,061 | 689,621 | 165,971 | 149,824 | 80,681 | 2,152 | 93,636 | 146,920 | 4,230 | 192,746 |
| Colorado | 819 | 633,969 | 144,451 | 137,377 | 14,113 | 57,550 | 72,778 | 23,061 | 100,500 | 97,084 |
| Connecticut | 79 | 2,028 | 171 | 171 | 68 | 44 | (D) | 72 | 39 | (D) |
| Delaware | 52 | 10,159 | 3,457 | 3,457 | 3,455 | - | - | 2,311 | - | (D) |
| Florida | 466 | 41,024 | 12,684 | 12,684 | 9,402 | 3,260 | - | 11,293 | 7,377 | - |
| Georgia | 275 | 67,217 | 15,447 | 15,447 | 11,838 | 5,184 | - | 8,001 | 2,538 | - |
| Hawaii | 116 | 22,272 | 1,492 | 981 | - | (D) | 1,461 | - | (D) | 2,099 |
| Idaho | 694 | 368,540 | 82,660 | 67,366 | 14,059 | 20,536 | 48,043 | 20,030 | 31,470 | 73,399 |
| Illinois | 202 | 37,801 | 13,150 | 13,150 | 12,136 | 29 | 940 | 7,909 | 55 | 712 |
| Indiana | 259 | 38,385 | 10,360 | 10,268 | 9,840 | 362 | 134 | 5,142 | 216 | (D) |
| Iowa | 57 | 18,820 | 4,800 | 4,800 | 4,764 | - | (D) | 2,181 | - | 2 |
| Kansas | 260 | 100,803 | 17,327 | 17,327 | 15,503 | 1,178 | 879 | 16,207 | 645 | 302 |
| Kentucky | 126 | 14,743 | 1,325 | 1,325 | 1,046 | 218 | 21 | 516 | 262 | 28 |
| Louisiana | 128 | 55,658 | 23,528 | 20,294 | 17,816 | 5,698 | (D) | 10,426 | 6,303 | (D) |
| Maine | 49 | 4,688 | 109 | 109 | 12 | 60 | (D) | (D) | 30 | (D) |
| Maryland | 127 | 18,983 | 4,399 | 4,384 | 3,249 | 1,150 | - | 1,451 | 489 | - |
| Massachusetts | 138 | 8,883 | 1,907 | 1,907 | 167 | 1,617 | (D) | (D) | 913 | (D) |
| Michigan | 489 | 105,769 | 24,083 | 23,957 | 20,047 | 1,819 | 2,262 | 9,574 | 1,154 | 1,003 |
| Minnesota | 331 | 78,210 | 19,917 | 19,917 | 18,077 | 1,776 | 80 | 11,446 | 704 | 1,007 |
| Mississippi | 100 | 15,953 | 9,230 | 9,230 | 7,989 | (D) | (D) | 6,231 | 1,016 | (D) |
| Missouri | 286 | 73,708 | 50,657 | 50,657 | 46,026 | 2,578 | 1,981 | 47,490 | 1,738 | 884 |
| Montana | 543 | 1,135,128 | 114,151 | 79,833 | 38 | 43,596 | 70,506 | 50 | 47,572 | 97,356 |
| Nebraska | 1,326 | 471,177 | 130,223 | 129,956 | 110,843 | 1,740 | 17,622 | 89,998 | 1,566 | 21,641 |
| Nevada | 80 | 230,616 | 37,150 | 37,138 | (D) | 27,369 | (D) | 38,304 | 74,598 | 971 |
| New Hampshire | 42 | 3,457 | 97 | 97 | 38 | (D) | 7 | 28 | (D) | 8 |
| New Jersey | 171 | 6,089 | 1,384 | 1,384 | 796 | 501 | - | 331 | 402 | - |
| New Mexico | 128 | 7,928 | 7,500 | 7,500 | 1,771 | - | 6,275 | 5,828 | - | 10,537 |
| New York | 233 | 7,039 | 639 | 585 | 416 | 12 | 75 | 318 | 24 | 56 |
| North Carolina | 271 | 17,092 | 2,030 | 2,030 | 964 | 856 | (D) | 435 | 64 | 46 |
| North Dakota | 34 | 38,733 | 3,233 | 3,233 | 2,829 | - | 400 | 2,283 | - | 400 |
| Ohio | 170 | 14,851 | 2,052 | 2,052 | 1,167 | 786 | (D) | 502 | 376 | (D) |
| Oklahoma | 260 | 285,438 | 19,739 | 16,694 | 15,280 | 4,446 | - | 13,508 | 2,242 | - |
| Oregon | 945 | 340,994 | 60,954 | 46,402 | 14,447 | 13,553 | 32,919 | 18,033 | 20,898 | 56,544 |
| Pennsylvania | 404 | 32,198 | 1,938 | 1,915 | 756 | 600 | 358 | 514 | 317 | 467 |
| Rhode Island | 23 | 793 | 93 | 63 | 74 | (D) | (D) | 95 | (D) | (D) |
| South Carolina | 8 | 480 | 16 | 16 | 9 | - | - | 9 | - | - |
| South Dakota | 155 | 94,725 | 16,574 | 16,570 | 10,457 | - | 6,101 | 4,802 | - | 8,677 |
| Tennessee | 117 | 35,166 | 5,407 | 5,407 | 4,971 | 351 | 5 | 1,330 | 229 | 2 |
| Texas | 967 | 1,550,354 | 218,492 | 167,624 | 183,798 | 14,420 | 22,546 | 172,600 | 17,369 | 46,200 |
| Utah | 544 | 198,528 | 62,363 | 54,535 | 16,543 | 10,981 | 34,831 | 33,168 | 9,116 | 60,310 |
| Vermont | 91 | 3,910 | 797 | 537 | 455 | 294 | 12 | 378 | 326 | (D) |
| Virginia | 128 | 24,902 | 2,192 | 2,152 | 232 | 1,568 | 329 | 156 | 1,832 | 131 |
| Washington | 689 | 56,435 | 23,198 | 18,168 | 4,292 | 6,501 | 15,184 | 6,871 | 8,173 | 30,275 |
| West Virginia | 41 | 33,526 | 389 | 389 | (D) | 354 | (D) | 8 | 56 | (D) |
| Wisconsin | 171 | 54,336 | 9,023 | 9,023 | 5,935 | 2,994 | 42 | 3,671 | 1,780 | 63 |
| Wyoming | 399 | 341,268 | 88,822 | 61,272 | (Z) | 7,146 | 82,165 | 1 | 7,465 | 125,214 |
| Water Resource Regions | | | | | | | | | | |
| Region 01 New England | 361 | 20,983 | 2,931 | 2,641 | 645 | 2,015 | 148 | 510 | 1,401 | 67 |
| Region 02 Mid-Atlantic | 949 | 85,637 | 13,793 | 13,661 | 8,791 | 4,131 | 490 | 4,963 | 3,103 | 331 |
| Region 03 South Atlantic-Gulf | 1,144 | 172,473 | 35,114 | 35,114 | 23,094 | 13,338 | 74 | 20,280 | 13,162 | 49 |
| Region 04 Great Lakes | 807 | 126,976 | 31,148 | 30,930 | 26,553 | 2,190 | 2,286 | 13,942 | 1,393 | 1,026 |
| Region 05 Ohio | 531 | 99,635 | 8,055 | 8,055 | 6,150 | 1,265 | 422 | 2,449 | 807 | 359 |
| Region 06 Tennessee | 118 | 10,779 | 561 | 561 | 408 | (D) | 5 | 155 | 69 | 2 |
| Region 07 Upper Mississippi | 766 | 186,347 | 48,940 | 48,940 | 39,085 | 7,341 | 2,312 | 24,362 | 4,203 | 1,457 |
| Region 08 Lower Mississippi | 414 | 199,021 | 152,544 | 149,310 | 140,416 | 12,109 | 8 | 136,994 | 12,497 | 8 |
| Region 09 Souris-Red-Rainy | 62 | 25,822 | 3,857 | 3,857 | 3,441 | - | 400 | 2,200 | - | 400 |
| Region 10 Missouri | 2,762 | 2,045,720 | 327,794 | 306,847 | 129,595 | 58,350 | 140,277 | 105,145 | 79,542 | 202,700 |
| Region 11 Arkansas-White-Red | 825 | 588,174 | 93,164 | 87,919 | 61,710 | 28,706 | 5,309 | 71,511 | 47,937 | 6,846 |
| Region 12 Texas-Gulf | 740 | 1,274,323 | 193,544 | 142,676 | 169,932 | (D) | 20,230 | 163,235 | 5,137 | 42,324 |
| Region 13 Rio Grande | 196 | 184,038 | 17,840 | 17,840 | 9,811 | - | 8,575 | 12,088 | - | 14,217 |
| Region 14 Upper Colorado | 444 | 388,789 | 100,692 | 81,529 | - | 24,077 | 76,615 | - | 31,314 | 102,422 |
| Region 15 Lower Colorado | 269 | 291,461 | 20,033 | 6,966 | 10,865 | 2,375 | 6,781 | 40,410 | 4,750 | 11,524 |
| Region 16 Great Basin | 697 | 582,327 | 115,979 | 107,269 | 26,028 | 43,233 | 46,725 | 71,472 | 86,307 | 80,276 |
| Region 17 Pacific Northwest | 2,345 | 824,970 | 190,425 | 130,489 | 31,467 | 52,363 | 109,311 | 43,606 | 72,637 | 173,170 |
| Region 18 California | 4,104 | 703,583 | 171,183 | 154,066 | 82,025 | 2,152 | 97,504 | 148,255 | 4,230 | 199,354 |
| Region 19 Alaska | 78 | 1,926 | 168 | 168 | 62 | 50 | (Z) | 46 | (D) | (Z) |
| Region 20 Hawaii | 116 | 22,272 | 1,492 | 981 | - | (D) | 1,461 | - | (D) | 2,099 |

See footnote(s) at end of table.

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Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018 (continued)

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | \$100,000 to \$249,999 | | | | | | | | | | |
|-------------------------------------|------------------------|-----------------------|--------------------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|------------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) | |
| United States | 2023 2018 | 23,849 25,934 | 17,814,767 24,892,896 | 3,804,167 4,509,521 | 3,270,375 3,891,124 | 2,262,239 2,496,120 | 457,978 530,206 | 1,178,900 1,568,451 | 2,531,356 2,575,814 | 647,951 673,093 | 2,044,018 2,959,584 |
| 2023 DATA | | | | | | | | | | | |
| Alabama | 54 | 35,444 | 7,384 | 7,384 | 7,023 | 360 | - | 9,513 | 648 | - | - |
| Alaska | 5 | (D) | 145 | 145 | (D) | (D) | - | 44 | (D) | - | - |
| Arizona | 154 | 47,107 | 30,310 | 24,215 | 12,056 | 12,115 | 6,121 | 38,482 | 18,860 | 26,278 | 26,278 |
| Arkansas | 236 | 159,950 | 112,128 | 112,008 | 105,820 | 6,291 | 11 | 106,994 | 5,835 | 10 | 10 |
| California | 4,338 | 891,867 | 374,968 | 319,282 | 222,484 | 63,283 | 134,530 | 459,544 | 122,824 | 346,875 | 346,875 |
| Colorado | 1,127 | 1,001,503 | 388,523 | 271,048 | 118,475 | 55,123 | 222,964 | 146,675 | 82,527 | 360,337 | 360,337 |
| Connecticut | 30 | 1,744 | 259 | 259 | 152 | 80 | 20 | 54 | 76 | 14 | 14 |
| Delaware | 60 | 15,156 | 8,352 | 8,352 | 8,349 | - | - | 4,410 | - | - | - |
| Florida | 795 | 224,840 | 89,402 | 85,092 | 89,192 | 610 | 23,839 | 67,598 | 522 | 32,054 | 32,054 |
| Georgia | 486 | 274,481 | 102,017 | 102,017 | 63,211 | 20,223 | 18,559 | 51,660 | 9,990 | 27,822 | 27,822 |
| Hawaii | 98 | 2,680 | 1,752 | 1,734 | - | 422 | 1,330 | - | 506 | 997 | 997 |
| Idaho | 723 | 546,669 | 201,023 | 139,517 | 27,768 | 40,199 | 133,029 | 45,182 | 79,571 | 209,672 | 209,672 |
| Illinois | 262 | 96,847 | 42,500 | 42,446 | 42,079 | 306 | 43 | 27,362 | 375 | 95 | 95 |
| Indiana | 393 | 99,586 | 34,074 | 34,074 | 28,831 | 1,014 | 4,158 | 11,781 | 453 | 653 | 653 |
| Iowa | 173 | 72,518 | 14,988 | 14,988 | 13,376 | 1,575 | - | 10,276 | 1,575 | - | - |
| Kansas | 736 | 909,395 | 139,498 | 137,978 | 130,969 | 6,450 | 2,269 | 133,693 | 4,302 | 1,207 | 1,207 |
| Kentucky | 211 | 25,171 | 2,639 | 2,639 | 1,569 | 885 | 91 | 1,013 | 588 | 110 | 110 |
| Louisiana | 147 | 67,918 | 24,272 | 23,072 | 24,242 | 1,121 | - | 30,172 | 398 | - | - |
| Maine | 107 | 10,119 | 328 | 328 | 191 | 43 | 6 | 147 | 14 | 6 | 6 |
| Maryland | 136 | 24,986 | 12,649 | 12,649 | 9,651 | 2,105 | 854 | 4,013 | 844 | 691 | 691 |
| Massachusetts | 243 | 15,794 | 2,867 | 2,802 | 611 | 1,987 | 389 | 328 | 1,007 | 168 | 168 |
| Michigan | 708 | 165,942 | 42,136 | 41,182 | 25,131 | 11,588 | 6,120 | 13,411 | 4,565 | 918 | 918 |
| Minnesota | 400 | 157,811 | 39,468 | 39,324 | 38,930 | 496 | - | 23,380 | 248 | - | - |
| Mississippi | 175 | 74,633 | 38,325 | 38,172 | 37,111 | 1,162 | 46 | 27,004 | (D) | 25 | 25 |
| Missouri | 230 | 140,491 | 61,352 | 61,132 | 57,528 | 3,705 | 77 | 39,752 | 4,137 | 804 | 804 |
| Montana | 669 | 1,584,011 | 192,266 | 154,843 | 1,224 | 54,920 | 142,093 | (D) | 64,637 | 165,311 | 165,311 |
| Nebraska | 2,933 | 2,931,972 | 533,727 | 510,713 | 498,781 | 5,521 | 29,533 | 427,177 | 4,907 | 30,770 | 30,770 |
| Nevada | 49 | 43,231 | 33,046 | 28,951 | (D) | (D) | (D) | (D) | (D) | 87,889 | 87,889 |
| New Hampshire | 21 | 4,830 | 80 | 80 | 28 | 44 | 5 | 9 | 31 | 10 | 10 |
| New Jersey | 68 | 11,851 | 1,702 | 1,702 | 1,510 | - | 157 | 449 | - | 115 | 115 |
| New Mexico | 468 | 367,387 | 57,479 | 50,016 | 33,858 | 15,594 | 10,810 | 78,568 | 34,195 | 33,915 | 33,915 |
| New York | 375 | 34,581 | 2,750 | 2,750 | 1,319 | 600 | 613 | 851 | 482 | 590 | 590 |
| North Carolina | 417 | 62,487 | 7,236 | 7,236 | 2,352 | 4,653 | (D) | 2,012 | 3,642 | 100 | 100 |
| North Dakota | 95 | 134,309 | 15,808 | 15,808 | 6,056 | 265 | 9,480 | 5,042 | (D) | 9,660 | 9,660 |
| Ohio | 248 | 17,341 | 4,819 | 4,819 | 3,260 | 1,478 | 467 | 1,407 | 618 | 1,478 | 1,478 |
| Oklahoma | 317 | 1,001,355 | 70,548 | 69,669 | 70,548 | - | - | 82,837 | - | - | - |
| Oregon | 1,019 | 878,083 | 122,349 | 99,283 | 45,274 | 27,059 | 57,012 | 54,529 | 40,194 | 81,975 | 81,975 |
| Pennsylvania | 492 | 37,647 | 6,356 | 6,252 | 2,009 | 1,974 | 2,187 | 1,096 | 1,501 | 2,777 | 2,777 |
| Rhode Island | 12 | 156 | 32 | 32 | 9 | - | 14 | 17 | - | 14 | 14 |
| South Carolina | 147 | 27,103 | 2,854 | 2,854 | 2,686 | (D) | 2 | 1,952 | 32 | 3 | 3 |
| South Dakota | 233 | 213,583 | 39,986 | 39,986 | 14,353 | 9,500 | 16,106 | 4,088 | 3,320 | 15,942 | 15,942 |
| Tennessee | 81 | 32,470 | 9,066 | 9,066 | 9,042 | - | 10 | 2,639 | - | 14 | 14 |
| Texas | 1,490 | 2,278,540 | 416,340 | 376,919 | 395,111 | 18,424 | 2,785 | 439,888 | 17,093 | 4,041 | 4,041 |
| Utah | 599 | 714,789 | 203,789 | 92,978 | 12,890 | 27,118 | 163,816 | 31,070 | 25,066 | 324,394 | 324,394 |
| Vermont | 43 | 2,765 | 216 | 216 | 19 | 174 | 9 | 18 | 91 | 32 | 32 |
| Virginia | 102 | 9,487 | 2,165 | 2,153 | (D) | 1,492 | (D) | 149 | 1,054 | 182 | 182 |
| Washington | 856 | 380,600 | 77,514 | 72,902 | 29,248 | 3,926 | 44,278 | 47,517 | 6,269 | 92,929 | 92,929 |
| West Virginia | 70 | (D) | 116 | 116 | 60 | - | - | 27 | - | - | - |
| Wisconsin | 540 | 124,396 | 51,537 | 51,537 | 50,680 | 1,256 | 9 | 47,924 | 2,963 | 22 | 22 |
| Wyoming | 478 | 1,858,686 | 181,027 | 147,655 | 8,105 | 52,657 | 120,265 | 16,438 | 100,816 | 185,149 | 185,149 |
| Water Resource Regions | | | | | | | | | | | |
| Region 01 New England | 439 | 38,928 | 3,595 | 3,530 | 996 | 2,154 | 434 | 567 | 1,128 | 212 | 212 |
| Region 02 Mid-Atlantic | 993 | 94,170 | 32,457 | 32,341 | 22,723 | 5,651 | 3,681 | 10,578 | 3,523 | 3,980 | 3,980 |
| Region 03 South Atlantic-Gulf | 1,853 | 618,129 | 208,595 | 204,132 | 163,383 | 26,784 | 42,519 | 132,530 | 15,246 | 59,998 | 59,998 |
| Region 04 Great Lakes | 1,223 | 219,963 | 50,428 | 49,474 | 31,089 | 13,372 | 6,961 | 15,697 | 5,424 | 1,388 | 1,388 |
| Region 05 Ohio | 681 | 101,793 | 22,572 | 22,572 | 20,050 | (D) | 1,001 | 10,295 | 802 | 551 | 551 |
| Region 06 Tennessee | 114 | (D) | 1,519 | 1,519 | 1,347 | 70 | 23 | 439 | (D) | 20 | 20 |
| Region 07 Upper Mississippi | 1,336 | 442,251 | 153,280 | 153,082 | 143,642 | 6,505 | 3,443 | 102,907 | 8,870 | (D) | (D) |
| Region 08 Lower Mississippi | 544 | 309,728 | 194,107 | 192,907 | 192,180 | 3,008 | 2 | 176,061 | 1,768 | 5 | 5 |
| Region 09 Souris-Red-Rainy | 79 | 101,941 | 15,843 | 15,843 | 15,187 | - | 651 | 10,583 | - | 653 | 653 |
| Region 10 Missouri | 5,015 | 7,469,974 | 1,056,462 | 985,966 | 634,507 | 146,738 | 286,800 | 566,346 | 194,306 | 378,905 | 378,905 |
| Region 11 Arkansas-White-Red | 1,269 | 2,358,892 | 389,103 | 326,263 | 252,580 | 32,901 | 106,294 | 280,105 | 52,878 | 162,026 | 162,026 |
| Region 12 Texas-Gulf | 1,336 | 1,924,501 | 362,311 | 326,056 | 350,942 | 8,564 | 2,885 | 392,464 | 4,435 | (D) | (D) |
| Region 13 Rio Grande | 495 | 248,861 | 118,036 | 82,467 | 67,066 | 3,194 | 50,559 | 94,908 | 9,395 | 110,381 | 110,381 |
| Region 14 Upper Colorado | 681 | 412,031 | 217,780 | 114,394 | (D) | 51,548 | 166,198 | 24 | 57,917 | 294,444 | 294,444 |
| Region 15 Lower Colorado | 204 | 57,919 | 39,034 | 32,829 | 19,536 | 12,115 | 7,365 | 68,402 | 18,860 | 29,995 | 29,995 |
| Region 16 Great Basin | 444 | 581,211 | 142,173 | 88,828 | 21,558 | 7,288 | 113,360 | 62,399 | 21,704 | 257,056 | 257,056 |
| Region 17 Pacific Northwest | 2,642 | 1,833,619 | 401,099 | 304,471 | 92,404 | 68,558 | 245,648 | 132,730 | 120,830 | 383,551 | 383,551 |
| Region 18 California | 4,398 | 973,823 | 393,876 | 331,822 | 232,889 | 67,843 | 139,848 | 474,279 | 130,285 | 355,381 | 355,381 |
| Region 19 Alaska | 5 | (D) | 145 | 145 | (D) | (D) | - | 44 | (D) | - | - |
| Region 20 Hawaii | 98 | 2,680 | 1,752 | 1,734 | - | 422 | 1,330 | - | 506 | 997 | 997 |

See footnote(s) at end of table.

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Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018 (continued)

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | \$250,000 to \$499,999 | | | | | | | | | | |
|-------------------------------------|------------------------|-----------------------|--------------------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|------------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) | |
| United States | 2023 2018 | 17,329 20,450 | 23,195,501 33,338,889 | 4,748,640 6,592,987 | 4,346,285 5,936,621 | 3,043,231 4,134,372 | 496,982 720,408 | 1,326,773 1,953,391 | 3,389,155 4,571,022 | 711,438 921,586 | 2,473,921 3,382,308 |
| 2023 DATA | | | | | | | | | | | |
| Alabama | 89 | 126,755 | 18,262 | 17,002 | 12,162 | 2,800 | 3,300 | 6,123 | 2,331 | 4,020 | - |
| Alaska | - | - | - | - | - | - | - | - | - | - | - |
| Arizona | 112 | 87,013 | 36,683 | 34,694 | 12,729 | 18,962 | 4,990 | 40,159 | 51,338 | 14,607 | - |
| Arkansas | 287 | 319,392 | 252,450 | 252,450 | 214,469 | 37,619 | 356 | 219,373 | 50,369 | 118 | - |
| California | 3,279 | 778,471 | 446,595 | 413,387 | 236,750 | 49,620 | 236,510 | 516,440 | 95,717 | 655,257 | - |
| Colorado | 587 | 2,233,117 | 311,806 | 250,492 | 99,903 | 101,108 | 131,946 | 134,299 | 177,333 | 224,226 | - |
| Connecticut | 44 | 2,330 | 342 | 342 | 63 | 256 | (D) | 29 | 878 | (D) | - |
| Delaware | 78 | 50,706 | 23,114 | 23,114 | 20,096 | 3,010 | (D) | 18,158 | 2,110 | (D) | - |
| Florida | 469 | 99,940 | 56,261 | 56,261 | 48,253 | 237 | 7,700 | 65,197 | 170 | 7,864 | - |
| Georgia | 374 | 207,648 | 95,211 | 95,211 | 77,101 | 21,451 | 135 | 48,332 | 18,719 | 252 | - |
| Hawaii | 152 | 3,064 | 1,446 | 1,338 | (D) | (D) | 642 | (D) | (D) | 1,187 | - |
| Idaho | 749 | 1,069,478 | 306,895 | 250,389 | 72,003 | 79,568 | 155,514 | 126,155 | 121,051 | 273,298 | - |
| Illinois | 297 | 171,404 | 65,772 | 65,772 | 64,818 | 800 | 100 | 47,050 | 792 | 110 | - |
| Indiana | 258 | 98,893 | 30,400 | 29,295 | 30,161 | (D) | (D) | 14,683 | (D) | - | - |
| Iowa | 186 | 102,504 | 18,831 | 18,831 | 16,988 | 1,690 | (D) | 7,342 | 1,285 | 73 | - |
| Kansas | 626 | 1,469,316 | 161,465 | 159,225 | 151,620 | 6,080 | 8,534 | 134,190 | 4,456 | 6,390 | - |
| Kentucky | 41 | 48,898 | 3,248 | 3,248 | 1,540 | 1,699 | - | 2,772 | 1,081 | - | - |
| Louisiana | 218 | 169,282 | 92,707 | 92,707 | 71,357 | 9,380 | 11,968 | 84,659 | 11,176 | 18,704 | - |
| Maine | 35 | 7,328 | 716 | 716 | 279 | (D) | (D) | 152 | (D) | 26 | - |
| Maryland | 91 | 36,671 | 14,635 | 14,635 | 13,516 | 1,111 | - | 6,825 | 631 | - | - |
| Massachusetts | 125 | 19,794 | 2,315 | 2,315 | 514 | 1,584 | 177 | 351 | 1,198 | 540 | - |
| Michigan | 401 | 163,481 | 52,697 | 50,697 | 33,731 | 18,940 | - | 26,212 | 8,734 | - | - |
| Minnesota | 396 | 195,198 | 86,329 | 85,321 | 82,464 | 3,808 | 20 | 47,238 | 8,056 | 12 | - |
| Mississippi | 139 | 133,461 | 64,300 | 64,300 | 59,347 | 4,950 | (D) | 47,161 | 3,420 | (D) | - |
| Missouri | 205 | 165,837 | 91,876 | 91,876 | 81,873 | 8,626 | 1,356 | 41,000 | 1,997 | 406 | - |
| Montana | 388 | 2,511,115 | 264,419 | 187,701 | 10,254 | 26,106 | 228,293 | 7,312 | 27,824 | 249,141 | - |
| Nebraska | 2,664 | 4,290,678 | 908,122 | 890,521 | 815,444 | 3,724 | 91,214 | 683,470 | 2,977 | 86,501 | - |
| Nevada | 171 | 172,932 | 114,451 | 97,215 | 43,995 | 5,875 | 64,579 | 114,116 | 16,001 | 209,348 | - |
| New Hampshire | 30 | 2,668 | 594 | 594 | 18 | 342 | 325 | 32 | 202 | 65 | - |
| New Jersey | 143 | 28,385 | 12,905 | 10,025 | 8,722 | 4,130 | 23 | 8,075 | 2,341 | 5 | - |
| New Mexico | 74 | 352,387 | 16,676 | 16,676 | 12,687 | 1,920 | 3,982 | 24,405 | 960 | 10,884 | - |
| New York | 161 | 37,448 | 1,908 | 1,905 | 710 | 365 | 777 | 851 | 400 | 376 | - |
| North Carolina | 81 | 26,802 | 5,972 | 5,972 | 3,830 | 2,108 | - | 2,556 | 1,374 | - | - |
| North Dakota | 85 | 206,219 | 20,859 | 20,859 | 11,583 | 595 | 8,681 | 6,925 | 235 | 5,648 | - |
| Ohio | 130 | 22,330 | 5,176 | 5,176 | 3,597 | 1,321 | (D) | 2,261 | 450 | 178 | - |
| Oklahoma | 128 | 233,544 | 67,041 | 63,521 | 62,511 | 2 | 4,522 | 63,213 | 7 | 10,830 | - |
| Oregon | 622 | 1,717,365 | 135,541 | 101,822 | 46,868 | 17,433 | 75,839 | 89,604 | 23,604 | 145,468 | - |
| Pennsylvania | 221 | 40,079 | 5,272 | 5,272 | 1,460 | 3,735 | (D) | 677 | 2,953 | (D) | - |
| Rhode Island | 24 | 972 | 261 | 261 | 90 | (D) | (D) | 70 | (D) | (D) | - |
| South Carolina | 157 | 107,525 | 21,546 | 21,546 | 21,497 | - | 26 | 16,379 | - | 27 | - |
| South Dakota | 125 | 132,868 | 33,852 | 33,852 | 27,237 | (D) | (D) | 13,584 | 3,267 | (D) | - |
| Tennessee | 92 | 53,327 | 9,291 | 9,291 | 8,932 | 335 | - | 4,114 | 329 | - | - |
| Texas | 878 | 1,668,118 | 481,844 | 425,233 | 469,960 | 1,518 | 10,359 | 516,672 | 2,990 | 21,404 | - |
| Utah | 374 | 1,040,105 | 138,308 | 129,203 | 33,642 | 8,083 | 96,575 | 114,548 | 7,344 | 240,986 | - |
| Vermont | 18 | 999 | 213 | 213 | 32 | 170 | - | 18 | 22 | - | - |
| Virginia | 80 | 26,028 | 4,161 | 4,161 | 334 | 1,599 | 2,208 | 195 | 1,402 | 1,068 | - |
| Washington | 743 | 347,794 | 80,992 | 77,821 | 31,224 | 2,782 | 50,592 | 36,310 | 4,944 | 94,179 | - |
| West Virginia | 8 | 1,248 | 358 | 358 | (D) | (D) | - | (D) | 153 | - | - |
| Wisconsin | 315 | 106,493 | 12,477 | 12,372 | 6,330 | 5,955 | (D) | 4,715 | 5,004 | 65 | - |
| Wyoming | 379 | 2,308,091 | 172,045 | 151,097 | 19,706 | 30,815 | 122,146 | 44,522 | 43,560 | 189,751 | - |
| Water Resource Regions | | | | | | | | | | | |
| Region 01 New England | 250 | 32,850 | 4,214 | 4,214 | 973 | 2,503 | 762 | 635 | 2,409 | 646 | - |
| Region 02 Mid-Atlantic | 650 | 205,851 | 59,764 | 56,884 | 44,232 | 13,140 | 2,238 | 34,144 | 9,432 | 1,075 | - |
| Region 03 South Atlantic-Gulf | 1,174 | 589,942 | 196,126 | 194,866 | 158,567 | 29,746 | 11,161 | 135,562 | 25,114 | 12,163 | - |
| Region 04 Great Lakes | 793 | 250,583 | 70,509 | 68,401 | 46,208 | 23,119 | (D) | 34,645 | 9,849 | 588 | - |
| Region 05 Ohio | 373 | 122,558 | 25,560 | 25,560 | 21,120 | (D) | (D) | 10,135 | 2,175 | (D) | - |
| Region 06 Tennessee | 24 | 14,133 | 5,945 | 5,945 | (D) | (D) | - | 3,772 | (D) | - | - |
| Region 07 Upper Mississippi | 1,020 | 529,471 | 183,398 | 181,285 | 166,273 | 15,502 | 1,473 | 102,129 | 15,327 | (D) | - |
| Region 08 Lower Mississippi | 652 | 641,862 | 432,542 | 432,542 | 377,736 | 42,824 | 11,974 | 359,949 | 56,050 | 18,715 | - |
| Region 09 Souris-Red-Rainy | 37 | 51,338 | 11,720 | 11,720 | 11,185 | 535 | - | 5,027 | (D) | - | - |
| Region 10 Missouri | 4,275 | 10,796,366 | 1,517,465 | 1,411,912 | 1,024,692 | 64,545 | 440,259 | 894,952 | 79,703 | 539,446 | - |
| Region 11 Arkansas-White-Red | 757 | 1,850,038 | 343,201 | 332,791 | 327,659 | 11,357 | 8,938 | 382,007 | 9,986 | 21,949 | - |
| Region 12 Texas-Gulf | 657 | 1,037,953 | 344,173 | 292,212 | 338,642 | (D) | (D) | 315,934 | 529 | (D) | - |
| Region 13 Rio Grande | 135 | 190,757 | 74,840 | 61,522 | 37,841 | 26,207 | 12,928 | 69,225 | 50,089 | 28,630 | - |
| Region 14 Upper Colorado | 324 | 1,779,413 | 203,480 | 151,428 | (D) | 74,800 | 137,647 | (D) | 123,282 | 296,648 | - |
| Region 15 Lower Colorado | 117 | 87,032 | 36,696 | 34,707 | 12,729 | 18,962 | 4,999 | 40,159 | 51,338 | 14,627 | - |
| Region 16 Great Basin | 474 | 877,621 | 222,758 | 197,589 | 82,197 | 17,222 | 123,333 | 236,264 | 29,873 | 307,958 | - |
| Region 17 Pacific Northwest | 2,101 | 3,198,707 | 537,760 | 446,858 | 130,661 | 100,944 | 314,546 | 219,615 | 149,637 | 534,584 | - |
| Region 18 California | 3,364 | 935,962 | 477,043 | 434,511 | 253,090 | 50,475 | 249,763 | 542,692 | 96,173 | 687,608 | - |
| Region 19 Alaska | - | - | - | - | - | - | - | - | - | - | - |
| Region 20 Hawaii | 152 | 3,064 | 1,446 | 1,338 | (D) | (D) | 642 | (D) | (D) | 1,187 | - |

See footnote(s) at end of table.

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Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018 (continued)

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | \$500,000 to \$999,999 | | | | | | | | | | |
|-------------------------------|------------------------|-----------------------|--------------------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|------------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) | |
| United States | 2023 2018 | 16,566 17,545 | 33,861,175 41,857,868 | 8,006,155 9,882,727 | 7,581,709 9,298,942 | 5,802,887 7,170,228 | 838,283 960,667 | 1,560,436 2,085,837 | 6,185,083 7,207,350 | 1,143,873 1,179,797 | 3,113,766 4,452,304 |
| 2023 DATA | | | | | | | | | | | |
| Alabama | | 136 | 148,443 | 23,361 | 23,361 | 12,387 | 9,255 | 1,710 | 5,853 | 5,487 | 390 |
| Alaska | | 22 | 1,538 | 819 | 819 | 799 | - | 9 | (D) | - | 1 |
| Arizona | | 144 | 370,483 | 75,879 | 72,459 | 37,669 | 3,420 | 34,788 | 146,659 | 10,260 | 153,435 |
| Arkansas | | 417 | 616,792 | 501,900 | 501,900 | 424,671 | 81,124 | 2,355 | 477,752 | 106,806 | 3,172 |
| California | | 2,806 | 1,226,165 | 692,436 | 643,211 | 392,165 | 41,581 | 366,988 | 817,525 | 101,468 | 1,109,784 |
| Colorado | | 409 | 2,413,705 | 324,520 | 291,725 | 129,677 | 20,541 | 198,635 | 159,719 | 30,523 | 308,084 |
| Connecticut | | 43 | 4,671 | 341 | 341 | 100 | 173 | (D) | 80 | 133 | (D) |
| Delaware | | 64 | 63,224 | 26,234 | 26,130 | 25,159 | 1,120 | - | 14,709 | 841 | (D) |
| Florida | | 341 | 158,979 | 56,126 | 56,126 | 48,079 | 7,980 | - | 46,327 | 10,103 | (D) |
| Georgia | | 467 | 458,601 | 124,093 | 124,093 | 87,716 | 36,688 | - | 90,231 | 22,781 | (D) |
| Hawaii | | 79 | (D) | 2,467 | 1,407 | 300 | (D) | (D) | (D) | (D) | 2,181 |
| Idaho | | 502 | 1,568,281 | 436,847 | 380,003 | 146,322 | 114,111 | 177,236 | 224,107 | 154,216 | 318,330 |
| Illinois | | 290 | 279,581 | 109,533 | 109,533 | 107,407 | - | 2,101 | 60,896 | - | 1,053 |
| Indiana | | 221 | 321,424 | 87,204 | 87,153 | 85,993 | 6,800 | (D) | 35,651 | 2,921 | (D) |
| Iowa | | 90 | 97,687 | 29,722 | 29,680 | 24,794 | 1,694 | 3,234 | 11,127 | 1,127 | 1,617 |
| Kansas | | 906 | 2,603,805 | 426,772 | 426,252 | 399,416 | 24,880 | 5,978 | 410,952 | 11,181 | 4,237 |
| Kentucky | | 34 | 29,553 | 4,608 | 4,608 | 3,630 | 835 | 142 | 1,618 | 360 | 184 |
| Louisiana | | 301 | 380,067 | 205,168 | 205,168 | 181,172 | 23,962 | (D) | 207,610 | 30,279 | 29 |
| Maine | | 16 | 13,631 | 785 | 785 | 427 | 354 | (D) | (D) | 221 | (D) |
| Maryland | | 91 | 70,495 | 29,433 | 29,349 | 24,798 | 4,326 | 286 | 14,146 | 2,110 | 144 |
| Massachusetts | | 14 | 2,777 | 1,013 | 1,013 | (D) | 969 | (D) | (D) | 364 | (D) |
| Michigan | | 455 | 334,463 | 91,627 | 91,627 | 70,650 | 29,644 | (D) | 28,368 | 19,834 | (D) |
| Minnesota | | 329 | 307,323 | 116,378 | 116,378 | 115,444 | 920 | 8 | 72,038 | 368 | 8 |
| Mississippi | | 239 | 308,756 | 204,174 | 204,174 | 194,837 | 9,522 | - | 145,906 | 7,912 | - |
| Missouri | | 329 | 460,117 | 282,523 | 282,523 | 277,094 | 4,536 | 880 | 211,810 | 4,632 | 791 |
| Montana | | 467 | 4,827,508 | 318,065 | 225,149 | 8,810 | 145,366 | 163,911 | 8,084 | 188,206 | 205,057 |
| Nebraska | | 2,585 | 6,130,949 | 1,746,316 | 1,733,899 | 1,648,875 | 15,130 | 95,921 | 1,358,435 | 12,749 | 85,297 |
| Nevada | | 124 | 855,793 | 120,763 | 101,203 | 30,591 | 64,582 | 27,990 | 95,742 | 136,231 | 55,953 |
| New Hampshire | | 31 | 2,128 | 206 | 206 | 151 | (D) | - | 93 | (D) | - |
| New Jersey | | 43 | (D) | 4,588 | 4,588 | 3,146 | 1,442 | - | 1,846 | (D) | - |
| New Mexico | | 132 | 130,689 | 55,031 | 55,031 | 48,065 | - | 11,036 | 121,004 | - | 21,264 |
| New York | | 222 | 70,897 | 13,601 | 13,601 | 7,382 | 3,998 | 2,132 | 1,848 | 2,326 | 1,958 |
| North Carolina | | 179 | 63,706 | 18,294 | 16,864 | 8,475 | 8,389 | 1,430 | 7,343 | 5,693 | 2,158 |
| North Dakota | | 94 | 193,588 | 29,616 | 29,576 | 22,916 | 1,180 | 5,518 | 12,044 | 687 | 2,172 |
| Ohio | | 118 | 32,191 | 3,753 | 3,753 | 2,689 | (D) | (D) | 1,102 | 307 | 98 |
| Oklahoma | | 104 | 1,042,650 | 130,318 | 116,078 | 120,963 | - | 9,350 | 138,609 | - | 9,350 |
| Oregon | | 811 | 1,225,887 | 219,713 | 180,762 | 90,391 | 39,003 | 99,193 | 100,627 | 63,979 | 167,212 |
| Pennsylvania | | 164 | 21,573 | 3,219 | 3,219 | 1,393 | 1,504 | 298 | 628 | 533 | 67 |
| Rhode Island | | 14 | 4,066 | 1,571 | 1,491 | 1,055 | (D) | 412 | 580 | (D) | 414 |
| South Carolina | | 137 | 190,788 | 29,264 | 28,489 | 28,030 | 1,200 | 4 | 18,053 | 1,632 | 1 |
| South Dakota | | 322 | 606,049 | 94,859 | 91,059 | 87,018 | (D) | 7,808 | 68,230 | 18 | 8,296 |
| Tennessee | | 63 | 63,354 | 14,845 | 14,845 | 8,645 | 6,200 | - | 3,290 | 2,750 | - |
| Texas | | 801 | 2,854,336 | 748,198 | 713,690 | 678,529 | 19,688 | 53,582 | 748,765 | 31,328 | 61,210 |
| Utah | | 185 | 645,679 | 106,268 | 103,044 | 46,869 | 510 | 58,881 | 156,140 | 1,320 | 171,952 |
| Vermont | | 33 | 1,736 | 146 | 146 | (D) | 85 | - | 56 | 49 | - |
| Virginia | | 70 | 50,672 | 8,665 | 8,665 | 684 | 6,593 | 1,385 | 228 | 4,569 | 554 |
| Washington | | 646 | 677,158 | 214,526 | 199,119 | 94,629 | 33,662 | 87,574 | 108,410 | 46,864 | 175,240 |
| West Virginia | | - | - | - | - | - | - | - | - | - | - |
| Wisconsin | | 306 | 332,012 | 66,982 | 66,079 | 58,340 | 9,564 | 2,982 | 35,576 | 17,087 | 1,953 |
| Wyoming | | 170 | 1,526,577 | 203,385 | 161,335 | 14,433 | 53,838 | 135,114 | 14,165 | 100,441 | 240,046 |
| Water Resource Regions | | | | | | | | | | | |
| Region 01 New England | | 123 | 28,638 | 3,941 | 3,861 | 1,780 | 1,663 | 474 | 825 | 971 | 436 |
| Region 02 Mid-Atlantic | | 537 | 228,136 | 78,431 | 78,243 | 61,727 | 14,591 | 2,051 | 33,180 | 7,499 | 820 |
| Region 03 South Atlantic-Gulf | | 1,271 | 1,018,286 | 260,098 | 257,893 | 187,123 | 70,048 | 3,144 | 169,209 | 49,356 | 2,549 |
| Region 04 Great Lakes | | 687 | 465,790 | 116,723 | 116,723 | 89,755 | 33,455 | 2,144 | 36,565 | 21,417 | 1,966 |
| Region 05 Ohio | | 262 | 239,002 | 54,923 | 54,923 | 53,081 | (D) | (D) | 30,700 | (D) | (D) |
| Region 06 Tennessee | | 61 | (D) | 9,665 | 9,665 | (D) | 5,825 | - | 1,802 | 2,300 | - |
| Region 07 Upper Mississippi | | 993 | 1,012,023 | 327,511 | 326,515 | 316,558 | 15,320 | 5,100 | 181,192 | 19,489 | 3,033 |
| Region 08 Lower Mississippi | | 1,029 | 1,438,692 | 1,026,128 | 1,026,128 | 928,337 | 101,841 | 2,370 | 863,486 | 136,967 | 3,192 |
| Region 09 Souris-Red-Rainy | | 87 | 156,795 | 29,851 | 29,811 | (D) | (D) | (D) | 15,478 | (D) | (D) |
| Region 10 Missouri | | 4,209 | 15,041,911 | 2,654,184 | 2,494,708 | 1,982,986 | 212,117 | 496,982 | 1,658,048 | 278,481 | 666,384 |
| Region 11 Arkansas-White-Red | | 1,220 | 3,899,489 | 1,033,352 | 1,019,012 | 961,784 | 41,945 | 33,105 | 1,126,085 | 46,161 | 42,764 |
| Region 12 Texas-Gulf | | 468 | 920,860 | 314,084 | 302,676 | 301,583 | 4,688 | 11,417 | 296,350 | 1,328 | 8,680 |
| Region 13 Rio Grande | | 123 | 991,348 | 90,425 | 64,300 | 32,599 | - | 61,896 | 77,184 | - | 84,987 |
| Region 14 Upper Colorado | | 160 | 1,589,202 | 123,132 | 101,822 | - | 27,036 | - | - | 43,096 | 179,453 |
| Region 15 Lower Colorado | | 168 | 383,145 | 88,541 | 85,121 | 50,221 | 3,530 | 34,788 | 190,503 | 10,500 | 153,435 |
| Region 16 Great Basin | | 299 | 1,504,306 | 237,225 | 205,741 | 98,004 | 64,982 | 76,631 | 283,864 | 137,311 | 185,801 |
| Region 17 Pacific Northwest | | 1,933 | 3,536,685 | 842,164 | 748,825 | 306,185 | 190,016 | 357,024 | 389,903 | 277,166 | 651,918 |
| Region 18 California | | 2,835 | 1,254,305 | 712,491 | 653,516 | 397,565 | 47,581 | 375,643 | 829,675 | 107,468 | 1,125,894 |
| Region 19 Alaska | | 22 | 1,538 | 819 | 819 | 799 | - | 9 | (D) | (D) | 1 |
| Region 20 Hawaii | | 79 | (D) | 2,467 | 1,407 | 300 | (D) | (D) | (D) | (D) | 2,181 |

See footnote(s) at end of table.

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Table 23. Irrigated Farms by Market Value of Agricultural Products Sold: 2023 and 2018 (continued)

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text.]

| Geographic area | \$1,000,000 or more | | | | | | | | | | |
|-------------------------------------|-----------------------|-----------------------|--------------------------|--------------------------------------|-----------------------------|------------------------------------|-----------------------------|--|--|---------------------------------|--------------------------|
| | Farms with irrigation | | | | Water source ^{1 2} | | | Quantity of water applied ¹ | | | |
| | Farms | Land in farms (acres) | Acres irrigated | Irrigated cropland harvested (acres) | Ground water used (acres) | On-farm surface water used (acres) | Off-farm water used (acres) | Ground water used (acre-feet) | On-farm surface water used (acre-feet) | Off-farm water used (acre-feet) | |
| United States | 2023 2018 | 24,373 22,759 | 91,942,111 80,099,722 | 31,521,017 29,039,545 | 30,718,401 28,120,280 | 22,809,974 20,420,918 | 3,276,134 3,162,142 | 7,084,728 7,176,210 | 29,594,790 25,077,319 | 4,925,309 4,180,461 | 16,880,855 17,554,424 |
| 2023 DATA | | | | | | | | | | | |
| Alabama | 151 | 410,872 | 95,510 | 95,085 | 44,635 | 45,495 | 7,516 | 46,117 | 21,552 | 3,548 | |
| Alaska | 1 | (D) | (D) | (D) | (D) | - | - | (D) | - | - | - |
| Arizona | 382 | 5,256,518 | 699,865 | 691,889 | 339,052 | 46,220 | 358,369 | 1,433,589 | 226,526 | 1,497,694 | |
| Arkansas | 1,171 | 4,202,394 | 3,669,143 | 3,669,071 | 3,274,398 | 397,550 | 11,272 | 3,621,475 | 431,480 | 18,310 | |
| California | 4,992 | 10,203,616 | 5,668,373 | 5,547,552 | 2,769,216 | 857,809 | 3,099,250 | 6,250,208 | 1,798,815 | 8,986,070 | |
| Colorado | 462 | 2,857,541 | 718,284 | 667,337 | 478,885 | 61,677 | 234,124 | 685,912 | 120,084 | 398,878 | |
| Connecticut | 61 | 11,485 | 2,595 | 2,595 | 954 | 1,466 | 216 | 651 | 2,542 | 184 | |
| Delaware | 72 | 134,289 | 68,407 | 68,397 | 63,867 | 6,265 | (D) | 38,412 | 2,980 | (D) | |
| Florida | 735 | 2,093,016 | 867,131 | 831,301 | 455,864 | 225,845 | 268,120 | 503,741 | 141,127 | 261,338 | |
| Georgia | 631 | 1,579,262 | 833,383 | 829,424 | 727,050 | 136,099 | 889 | 856,095 | 132,315 | 1,037 | |
| Hawaii | 119 | 81,414 | 25,273 | 23,267 | 2,632 | 7,046 | 15,834 | 7,277 | 9,811 | 25,390 | |
| Idaho | 809 | 2,808,813 | 1,883,531 | 1,832,156 | 887,652 | 214,205 | 808,500 | 1,499,397 | 368,558 | 1,481,548 | |
| Illinois | 594 | 1,246,341 | 438,472 | 437,607 | 432,161 | 4,212 | 2,051 | 254,133 | 3,357 | 399 | |
| Indiana | 601 | 1,392,520 | 414,411 | 413,941 | 375,507 | 44,101 | 10,130 | 194,310 | 24,150 | 12,396 | |
| Iowa | 303 | 703,186 | 165,884 | 165,884 | 163,191 | (D) | (D) | 87,025 | 845 | 537 | |
| Kansas | 1,146 | 7,324,656 | 1,566,147 | 1,519,220 | 1,528,498 | 35,694 | 26,768 | 1,801,357 | 18,904 | 15,211 | |
| Kentucky | 103 | 372,285 | 67,149 | 67,149 | 36,704 | (D) | (D) | 16,312 | 10,978 | (D) | |
| Louisiana | 553 | 1,707,924 | 947,368 | 947,368 | 817,530 | 92,917 | 39,064 | 848,927 | 116,357 | 28,509 | |
| Maine | 24 | 126,717 | 16,267 | 14,054 | 7,118 | 5,234 | 3,913 | 1,375 | 1,832 | 1,249 | |
| Maryland | 129 | 169,342 | 63,320 | 63,300 | 47,897 | 16,016 | (D) | 20,186 | 9,543 | (D) | |
| Massachusetts | 101 | 28,686 | 8,048 | 8,048 | 1,161 | 6,155 | 711 | 729 | 5,656 | 323 | |
| Michigan | 949 | 1,371,515 | 529,308 | 526,973 | 464,902 | 58,427 | 15,091 | 261,384 | 28,259 | 12,096 | |
| Minnesota | 311 | 635,317 | 274,943 | 274,943 | 256,294 | 5,791 | 13,367 | 189,604 | 6,195 | 16,653 | |
| Mississippi | 464 | 1,663,355 | 1,374,950 | 1,374,950 | 1,349,282 | 52,269 | 1,050 | 1,154,936 | 55,237 | 1,050 | |
| Missouri | 470 | 1,640,180 | 993,450 | 993,450 | 972,865 | 19,346 | 1,236 | 820,486 | 12,012 | (D) | |
| Montana | 252 | 8,230,463 | 339,147 | 275,039 | 14,363 | 122,605 | 202,874 | 15,999 | 172,092 | 273,355 | |
| Nebraska | 2,587 | 8,597,552 | 3,943,521 | 3,925,631 | 3,779,353 | 45,615 | 157,827 | 3,798,778 | 26,979 | 141,053 | |
| Nevada | 95 | 2,206,093 | 370,207 | 204,948 | 131,783 | 84,460 | 161,463 | 394,871 | 232,321 | 534,112 | |
| New Hampshire | 22 | 3,109 | 686 | 686 | 253 | 486 | (D) | (D) | 211 | 46 | |
| New Jersey | 195 | 131,298 | 47,495 | 47,495 | 36,201 | 11,989 | 11 | 19,093 | 4,647 | 10 | |
| New Mexico | 164 | 1,289,515 | 288,044 | 261,044 | 175,422 | 3,600 | 129,979 | 377,553 | 11,160 | 234,446 | |
| New York | 219 | 139,511 | 25,378 | 25,378 | 11,787 | 10,945 | 2,719 | 7,058 | 3,018 | 1,160 | |
| North Carolina | 455 | 639,959 | 104,613 | 103,983 | 57,365 | 46,723 | 402 | 43,527 | 36,367 | 541 | |
| North Dakota | 214 | 1,092,619 | 174,633 | 174,391 | 139,070 | 4,520 | 31,037 | 97,487 | 2,555 | 20,355 | |
| Ohio | 226 | 175,740 | 36,096 | 36,096 | 23,426 | 10,081 | 8,313 | 14,660 | 9,222 | 2,548 | |
| Oklahoma | 136 | 806,281 | 200,472 | 187,385 | 190,665 | 9,267 | (D) | 294,356 | 3,078 | 1,920 | |
| Oregon | 846 | 2,476,325 | 732,142 | 694,228 | 333,156 | 199,920 | 233,635 | 600,784 | 331,753 | 426,925 | |
| Pennsylvania | 166 | 72,807 | 10,196 | 10,196 | 3,594 | 4,373 | 2,252 | 2,140 | 2,982 | 962 | |
| Rhode Island | 11 | 2,082 | 1,669 | 1,669 | 441 | 854 | 372 | 310 | 845 | (D) | |
| South Carolina | 174 | 430,870 | 128,086 | 127,641 | 107,374 | 20,010 | 1,800 | 92,154 | 12,320 | 948 | |
| South Dakota | 245 | 1,504,528 | 191,344 | 191,344 | 160,022 | - | 31,320 | 101,046 | - | 22,750 | |
| Tennessee | 225 | 576,047 | 133,347 | 133,347 | 124,724 | 2,552 | 6,061 | 60,989 | 2,331 | 1,341 | |
| Texas | 808 | 6,922,198 | 1,410,665 | 1,350,717 | 1,192,884 | 85,265 | 233,617 | 1,647,579 | 101,108 | 264,549 | |
| Utah | 164 | 480,148 | 185,027 | 174,914 | 119,066 | 8,808 | 58,864 | 380,452 | 19,245 | 130,977 | |
| Vermont | 9 | 1,704 | 801 | 801 | 65 | 760 | (D) | (D) | 1,524 | (D) | |
| Virginia | 189 | 229,529 | 35,497 | 35,312 | 4,872 | 27,408 | 3,186 | 4,401 | 15,820 | 2,144 | |
| Washington | 1,028 | 4,393,303 | 1,216,401 | 1,197,864 | 366,241 | 115,084 | 760,667 | 755,738 | 216,276 | 1,833,715 | |
| West Virginia | 10 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 30 | (D) | |
| Wisconsin | 445 | 916,364 | 335,533 | 335,313 | 323,141 | 16,112 | 880 | 270,858 | 43,250 | 880 | |
| Wyoming | 154 | 2,598,589 | 218,183 | 157,396 | 16,862 | 76,591 | 130,884 | 20,840 | 127,060 | 216,073 | |
| Water Resource Regions | | | | | | | | | | | |
| Region 01 New England | 223 | 173,286 | 29,963 | 27,750 | 9,928 | 14,891 | 5,282 | 3,139 | 12,525 | 1,946 | |
| Region 02 Mid-Atlantic | 839 | 725,047 | 239,918 | 239,703 | 165,013 | 72,709 | 5,833 | 89,688 | 37,093 | 3,374 | |
| Region 03 South Atlantic-Gulf | 2,147 | 4,957,453 | 1,983,178 | 1,941,889 | 1,378,964 | 449,081 | 271,652 | 1,535,398 | 332,422 | 264,718 | |
| Region 04 Great Lakes | 1,288 | 1,796,769 | 688,080 | 685,745 | 608,658 | 72,506 | 21,754 | 349,495 | 40,923 | 13,751 | |
| Region 05 Ohio | 690 | 1,574,323 | 358,773 | 358,341 | 306,376 | 46,412 | 20,208 | 167,093 | 20,444 | 18,763 | |
| Region 06 Tennessee | 106 | (D) | (D) | (D) | (D) | 28,758 | 13,141 | (D) | 13,670 | 4,062 | |
| Region 07 Upper Mississippi | 1,526 | 3,298,510 | 1,099,561 | 1,098,438 | 1,055,225 | 44,581 | 5,938 | 729,463 | 58,634 | 5,356 | |
| Region 08 Lower Mississippi | 2,462 | 8,573,713 | 6,517,387 | 6,517,315 | 5,991,762 | 518,706 | 47,714 | 5,992,665 | 572,994 | 46,403 | |
| Region 09 Souris-Red-Rainy | 125 | 640,804 | 119,516 | 119,376 | 95,286 | 7,400 | 16,827 | 66,349 | 7,264 | 18,747 | |
| Region 10 Missouri | 4,226 | 25,604,592 | 5,647,443 | 5,512,010 | 4,840,705 | 245,193 | 645,152 | 4,808,298 | 354,121 | 818,525 | |
| Region 11 Arkansas-White-Red | 1,411 | 8,882,062 | 2,787,742 | 2,690,235 | 2,642,358 | 150,160 | 109,274 | 3,299,504 | 159,443 | 163,974 | |
| Region 12 Texas-Gulf | 567 | 2,425,161 | 726,483 | 708,895 | 496,777 | 31,695 | 224,467 | 649,249 | 48,226 | 282,684 | |
| Region 13 Rio Grande | 208 | 3,194,869 | 253,830 | 211,066 | 235,412 | 11,575 | 37,963 | 542,188 | 12,837 | 58,763 | |
| Region 14 Upper Colorado | 113 | 1,583,967 | 209,839 | 178,505 | - | 20,486 | 189,350 | - | 27,898 | 349,475 | |
| Region 15 Lower Colorado | 408 | 5,615,411 | 805,685 | 789,199 | 347,002 | 59,652 | 442,807 | 1,448,414 | 273,422 | 1,943,475 | |
| Region 16 Great Basin | 265 | 2,653,223 | 574,345 | 402,123 | 263,967 | 93,268 | 226,324 | 798,835 | 251,566 | 619,345 | |
| Region 17 Pacific Northwest | 2,670 | 9,753,545 | 3,799,638 | 3,684,330 | 1,569,182 | 557,637 | 1,759,950 | 2,822,404 | 940,098 | 3,681,640 | |
| Region 18 California | 4,979 | 10,087,680 | 5,588,541 | 5,464,392 | 2,776,808 | 844,377 | 3,025,258 | 6,262,438 | 1,751,919 | 8,560,464 | |
| Region 19 Alaska | 1 | (D) | (D) | (D) | (D) | - | - | (D) | - | - | |
| Region 20 Hawaii | 119 | 81,414 | 25,273 | 23,267 | 2,632 | 7,046 | 15,834 | 7,277 | 9,811 | 25,390 | |

¹ Total square feet and gallons rounded to acres and acre-feet. May not add due to rounding.
² Farms can utilize more than one water source on the same area.