
Appendix B.

American Indian and Alaska Native Farm Operators

Appendix B provides additional agriculture census data for farms and ranches operated by American Indians or Alaska Natives. Census report forms asked respondents to identify the race of up to three operators per farm or ranch. The race category of “American Indian or Alaska Native” could be selected as either a single race or in combination with other races as part of a multi-racial identification. Appendix B tables include data for farms or ranches whose operators self-identified as American Indian or Alaska Native either as a single race or in combination with other races. Appendix B is the only part of the volume 1 publication that includes this breakout of the multiple race designation. Tables in other parts of the publication include as American Indian or Alaska Native only those operators with a single-race identification. All multiple race identifications are combined together in the category “more than one race reported.”

To improve coverage of reservation agriculture, special procedures were followed in the census. A reservation-level census report form was obtained from knowledgeable reservation officials of most large reservations. These reports covered agricultural activity on the entire reservation. NASS reviewed these data and removed duplication with any data reported by American Indian or Alaska native farm operators who responded on an individual census report form. Additionally NASS obtained, from knowledgeable reservation officials, the count of American Indian and Alaska Native farm operators (on reservations) who were not counted through individual census report forms, but whose agricultural activity was included in the reservation-level report. Appendix B is the only part of the volume 1 publication that provides a total count of American Indian and Alaska

Native farm operators, including those who returned an individual report and those otherwise included in the reservation-level report. Tables in other parts of the publication count the reservation report as a single farm.

Table A, **American Indian and Alaska Native Operators: 2002**, provides the number of farm operators (for up to three operators per farm) reported as American Indian or Alaska Native in the race category on the individual census report forms, plus the total number of American Indian or Alaska Native operators farming on reservations as reported by reservation officials. The count from the individual report forms is summarized in the “individually reported” column. It includes operators on or off reservations. The “other” column provides counts of operators on reservations as reported by a reservation or tribal official.

Table B, **Selected Characteristics for Farms Operated By American Indians or Alaska Natives and For Total Farms: 2002**, provides aggregated data for operations where at least one operator was American Indian or Alaska Native. Data include resource and production inputs and outputs of farms and ranches operated by American Indians and Alaska Natives, and compares the data to all farms. Reservation-level reports are included.

Table C, **Selected Operator Characteristics for American Indians and Alaska Natives and for Total Reporting: 2002**, presents demographic data for up to three American Indian or Alaska Native operators reported per farm or ranch on individual and reservation-level census report forms.

Table A. American Indian or Alaska Native Operators: 2002

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area | American Indian or Alaska Native farm operators | | | Geographic area | American Indian or Alaska Native farm operators | | |
|--------------------|---|------------------------------------|--------------------|-----------------|---|------------------------------------|--------------------|
| | Total | Individually reported ¹ | Other ² | | Total | Individually reported ¹ | Other ² |
| STATE TOTAL | | | | COUNTIES | | | |
| Hawaii | 202 | 202 | - | Hawaii | 121 | 121 | - |
| | | | | Honolulu | 24 | 24 | - |
| | | | | Kauai | 26 | 26 | - |
| | | | | Maui | 31 | 31 | - |

¹ Data were collected for a maximum of three operators per farm.

² Data represent American Indian or Alaska Native farm or ranch operators on reservations who did not report individually. Data obtained from reservation officials.

Table B. Selected Characteristics of Farms Operated by American Indians or Alaska Native Operators and For Total Farms: 2002

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics | American Indian or Alaska Native operated farms ¹ | Total farms | Percent of total | Characteristics | American Indian or Alaska Native operated farms ¹ | Total farms | Percent of total |
|--|--|-------------|---------------------------------|--|--|-------------|------------------|
| FARMS AND LAND IN FARMS | | | | FARM PRODUCTION EXPENSES - Con. | | | |
| Farms | 170 | 5,398 | 3.1 | Selected farm production expenses - Con. | | | |
| Land in farms | 11,508 | 1,300,499 | 0.9 | Fertilizer, lime, and soil conditioners | \$1,000 274 | 17,791 | 1.5 |
| Estimated market value of land and buildings ² | \$1,000 138,867 | 4,583,552 | 3.0 | Gasoline, fuels, and oils | \$1,000 270 | 14,458 | 1.9 |
| Average per farm | dollars 802,699 | 842,875 | (X) | Hired farm labor | \$1,000 853 | 177,692 | 0.5 |
| Average per acre | dollars 2,012 | 1,879 | (X) | Interest expense | \$1,000 196 | 8,633 | 2.3 |
| Estimated market value of all machinery and equipment ² | \$1,000 4,833 | 186,163 | 2.6 | Chemicals | \$1,000 129 | 16,134 | 0.8 |
| Average per farm | dollars 27,938 | 35,568 | (X) | LIVESTOCK AND POULTRY | | | |
| Farms by size: | | | | Beef cows inventory | farms 22 | 578 | 3.8 |
| 1 to 9 acres | 110 | 3,440 | 3.2 | number | 1,717 | 83,277 | 2.1 |
| 10 to 49 acres | 40 | 1,309 | 3.1 | Milk cows inventory | farms - | 27 | - |
| 50 to 179 acres | 8 | 335 | 2.4 | number | - | 6,465 | - |
| 180 to 499 acres | 7 | 146 | 4.8 | Cattle and calves sold | farms 23 | 550 | 4.2 |
| 500 to 999 acres | 4 | 61 | 6.6 | number | 1,322 | 60,739 | 2.2 |
| 1,000 acres or more | 1 | 107 | 0.9 | Hogs and pigs inventory | farms 6 | 204 | 2.9 |
| Total cropland | farms 150 | 4,755 | 3.2 | number | 241 | 23,364 | 1.0 |
| Harvested cropland | acres 6,862 | 211,120 | 3.3 | Hogs and pigs sold | farms 6 | 158 | 3.8 |
| Irrigated land | farms 142 | 4,522 | 3.1 | number | 246 | 33,231 | 0.7 |
| acres 660 | 109,461 | 0.6 | Sheep and lambs inventory | farms 3 | 103 | 2.9 | |
| acres 74 | 2,231 | 3.3 | number | 98 | 19,909 | 0.5 | |
| acres 219 | 69,194 | 0.3 | Sheep and lambs sold | farms 2 | 34 | 5.9 | |
| | | | number | (D) | 4,639 | (D) | |
| TENURE | | | | Horses and ponies inventory | farms 23 | 493 | 4.7 |
| Full owners | farms 99 | 3,202 | 3.1 | number | 412 | 4,582 | 9.0 |
| acres 2,357 | 246,865 | 1.0 | Horses and ponies sold | farms 4 | 79 | 5.1 | |
| Part owners | farms 23 | 589 | 3.9 | number | 18 | 237 | 7.6 |
| acres 2,003 | (D) | (D) | Bison inventory | farms - | 1 | (D) | |
| Tenants | farms 48 | 1,607 | 3.0 | number | - | - | - |
| acres 7,148 | (D) | (D) | Bison sold | farms - | - | - | - |
| | | | number | - | - | - | - |
| MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD | | | | Layers 20 weeks old and older inventory | farms 9 | 125 | 7.2 |
| Market value of agricultural products sold (see text) | \$1,000 4,001 | 533,423 | 0.8 | number | 600 | 537,882 | 0.1 |
| Average per farm | dollars 23,537 | 98,819 | (X) | Broilers and other meat-type chickens sold | farms 1 | 17 | 5.9 |
| Crops, including nursery and greenhouse crops | \$1,000 3,050 | 445,356 | 0.7 | number | (D) | 881,112 | (D) |
| Livestock, poultry, and their products | \$1,000 951 | 88,067 | 1.1 | SELECTED CROPS HARVESTED | | | |
| FARMS BY ECONOMIC CLASS (SEE TEXT) | | | | Corn for grain | farms - | 12 | - |
| Less than \$1,000 | 19 | 661 | 2.9 | acres | - | 4,383 | - |
| \$1,000 to \$2,499 | 28 | 746 | 3.8 | bushels | - | 203,391 | - |
| \$2,500 to \$4,999 | 27 | 714 | 3.8 | Corn for silage or greenchop | farms - | 2 | - |
| \$5,000 to \$9,999 | 30 | 916 | 3.3 | acres | - | (D) | (D) |
| \$10,000 to \$24,999 | 32 | 1,056 | 3.0 | Wheat for grain, All | farms - | - | - |
| \$25,000 to \$49,999 | 21 | 506 | 4.2 | acres | - | - | - |
| \$50,000 to \$99,999 | 4 | 314 | 1.3 | Winter wheat for grain | farms - | - | - |
| \$100,000 or more | 9 | 485 | 1.9 | acres | - | - | - |
| OTHER FARM CHARACTERISTICS | | | | bushels | - | - | - |
| Farms reporting - | | | | Durum wheat for grain | farms - | - | - |
| Computers for farm business | 68 | 2,173 | 3.1 | acres | - | - | - |
| Internet access | 84 | 2,613 | 3.2 | bushels | - | - | - |
| Farms by type of organization: | | | | Spring wheat for grain | farms - | - | - |
| Family or individual | 148 | 4,629 | 3.2 | acres | - | - | - |
| Partnership | 7 | 225 | 3.1 | bushels | - | - | - |
| Corporation | 15 | 472 | 3.2 | Barley for grain | farms - | - | - |
| Other-cooperative, estate or trust, institutional, etc | - | 72 | - | acres | - | - | - |
| FARM PRODUCTION EXPENSES | | | | Oats for grain | farms - | - | - |
| Total farm production expenses | \$1,000 4,900 | 450,946 | 1.1 | acres | - | - | - |
| Selected farm production expenses: | | | | Sunflower seed, All | farms - | - | - |
| Livestock and poultry purchased | \$1,000 (D) | 6,025 | (D) | acres | - | - | - |
| Feed purchased | \$1,000 155 | 27,997 | 0.6 | pounds | - | - | - |
| | | | | Soybeans for beans | farms - | 1 | - |
| | | | | acres | - | (D) | (D) |
| | | | | bushels | - | (D) | (D) |
| | | | | Forage - land used for all hay and haylage, grass silage, and greenchop (see text) | farms - | 14 | - |
| | | | | acres | - | 1,112 | - |
| | | | | tons, dry | - | 2,261 | - |

¹ Data were collected for a maximum of three operators per farm or ranch on places where operators would identify themselves as American Indian or Alaska Native.

² Data are based on a sample of farms.

Table C. Selected Operator Characteristics for American Indians or Alaska Natives and For Total Reporting: 2002

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics | American Indian or Alaska Native operators reporting ¹ | Total operators reporting ¹ | Characteristics | American Indian or Alaska Native operators reporting ¹ | Total operators reporting ¹ |
|----------------------------|---|--|--|---|--|
| Operators | 202 | 7,815 | Years on present farm: | | |
| | | | 2 years or less | 26 | 577 |
| Sex of operator: | | | 3 or 4 years | 29 | 935 |
| Male | 131 | 5,237 | 5 to 9 years | 38 | 1,803 |
| Female | 71 | 2,578 | 10 years or more | 109 | 4,500 |
| Primary occupation: | | | Age group: | | |
| Farming | 102 | 4,293 | Under 25 years | 1 | 84 |
| Other | 100 | 3,522 | 25 to 34 years | 6 | 304 |
| | | | 35 to 44 years | 23 | 1,194 |
| Place of residence: | | | 45 to 54 years | 74 | 2,541 |
| On farm operated | 136 | 5,118 | 55 to 64 years | 38 | 1,801 |
| Not on farm operated | 66 | 2,697 | 65 to 74 years | 41 | 1,138 |
| | | | 75 years and over | 19 | 753 |
| Days worked off farm: | | | Average age of - | | |
| None | 98 | 3,963 | All operators ¹ | 56.5 | 55.1 |
| Any | 104 | 3,852 | Principal operator | 57.7 | 56.5 |
| 1 to 49 days | 12 | 482 | Second operator | 54.8 | 53.1 |
| 50 to 99 days | 14 | 373 | Third operator | 51.9 | 44.4 |
| 100 to 199 days | 16 | 612 | | | |
| 200 days or more | 62 | 2,385 | Living on an American Indian reservation | - | 1 |

¹ Data were collected for a maximum of three operators per farm.