
Appendix B.

American Indian and Alaska Native Farm Operators

Appendix B provides additional agricultural 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 of 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 multi-race designation. Tables in other parts of the publication include as American Indian or Alaska Native only those operators with single-race identification. All multi-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 number of individual reports from reservations plus 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				Graham	2	-	2
Arizona	5,039	484	4,555	La Paz	62	45	17
COUNTIES				Maricopa	53	47	6
Apache	1,615	89	1,526	Mohave	47	19	28
Cochise	47	47	-	Navajo	1,031	80	951
Coconino	1,970	53	1,917	Pima	75	23	52
Gila	19	10	9	Pinal	67	38	29
				Yavapai	39	21	18
				Yuma	12	12	-

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	415	7,294	5.7	Selected farm production expenses - Con.			
Land in farms	22,066,279	26,586,577	83.0	Fertilizer, lime, and soil conditioners	\$1,000 5,285	81,131	6.5
Estimated market value of land and buildings ²	\$1,000 4,109,524	10,625,602	38.7	Gasoline, fuels, and oils	\$1,000 3,844	67,183	5.7
Average per farm	dollars 8,837,686	1,456,759	(X)	Hired farm labor	\$1,000 14,097	343,422	4.1
Average per acre	dollars 177	295	(X)	Interest expense	\$1,000 2,368	58,562	4.0
Estimated market value of all machinery and equipment ²	\$1,000 41,764	615,767	6.8	Chemicals	\$1,000 7,868	70,845	11.1
Average per farm	dollars 90,989	88,651	(X)	LIVESTOCK AND POULTRY			
Farms by size:				Beef cows inventory	farms 172	2,090	8.2
1 to 9 acres	109	2,331	4.7	number	33,828	170,865	19.8
10 to 49 acres	103	1,900	5.4	Milk cows inventory	farms 18	274	6.6
50 to 179 acres	64	1,114	5.7	number	(D)	154,764	(D)
180 to 499 acres	39	664	5.9	Cattle and calves sold	farms 185	2,030	9.1
500 to 999 acres	22	447	4.9	number	26,292	673,305	3.9
1,000 acres or more	78	838	9.3	Hogs and pigs inventory	farms 17	208	8.2
Total cropland	farms 209	4,440	4.7	number	144	(D)	(D)
Harvested cropland	acres 122,106	1,261,894	9.7	Hogs and pigs sold	farms 19	168	11.3
Irrigated land	farms 135	3,139	4.3	number	130	(D)	(D)
	acres 98,788	887,966	11.1	Sheep and lambs inventory	farms 62	411	15.1
	farms 181	4,172	4.3	number	58,747	114,888	51.1
	acres 101,226	931,735	10.9	Sheep and lambs sold	farms 25	216	11.6
				number	5,528	40,791	13.6
TENURE				Horses and ponies inventory	farms 251	3,728	6.7
Full owners	farms 318	5,723	5.6	number	15,598	46,866	33.3
acres	21,959,842	25,273,587	86.9	Horses and ponies sold	farms 55	888	6.2
Part owners	farms 37	904	4.1	number	867	3,804	22.8
acres	78,136	850,797	9.2	Bison inventory	farms -	15	-
Tenants	farms 60	667	9.0	number	-	279	-
acres	28,301	462,193	6.1	Bison sold	farms -	6	-
				number	-	14	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD				Layers 20 weeks old and older inventory	farms 31	582	5.3
Market value of agricultural products sold (see text)	\$1,000 83,566	2,395,447	3.5	number	582	(D)	(D)
Average per farm	dollars 201,364	328,413	(X)	Broilers and other meat-type chickens sold	farms 9	59	15.3
Crops, including nursery and greenhouse crops	\$1,000 68,990	1,587,775	4.3	number	458	(D)	(D)
Livestock, poultry, and their products	\$1,000 14,576	807,672	1.8	SELECTED CROPS HARVESTED			
FARMS BY ECONOMIC CLASS (SEE TEXT)				Corn for grain	farms 17	92	18.5
Less than \$1,000	149	2,538	5.9	acres	2,254	27,838	8.1
\$1,000 to \$2,499	58	907	6.4	bushels	320,670	5,127,857	6.3
\$2,500 to \$4,999	41	647	6.3	Corn for silage or greenchop	farms 7	137	5.1
\$5,000 to \$9,999	35	598	5.9	acres	2,240	31,922	7.0
\$10,000 to \$24,999	27	675	4.0	tons	52,569	803,358	6.5
\$25,000 to \$49,999	20	430	4.7	Wheat for grain, All	farms 12	232	5.2
\$50,000 to \$99,999	30	307	9.8	acres	17,349	100,078	17.3
\$100,000 or more	55	1,192	4.6	bushels	1,527,748	9,600,854	15.9
OTHER FARM CHARACTERISTICS				Winter wheat for grain	farms 3	30	10.0
Farms reporting -				acres	(D)	6,486	(D)
Computers for farm business	186	3,995	4.7	bushels	(D)	557,027	(D)
Internet access	188	4,506	4.2	acres	10	208	4.8
Farms by type of organization:				Spring wheat for grain	farms -	-	-
Family or individual	299	5,695	5.3	acres	-	-	-
Partnership	33	841	3.9	bushels	-	-	-
Corporation	22	593	3.7	Barley for grain	farms 5	164	3.0
Other-cooperative, estate or trust, institutional, etc	61	165	37.0	acres	3,659	39,199	9.3
FARM PRODUCTION EXPENSES				acres	410,444	4,269,681	9.6
Total farm production expenses	\$1,000 79,939	1,825,328	4.4	Oats for grain	farms 2	43	4.7
Selected farm production expenses:				acres	(D)	2,226	(D)
Livestock and poultry purchased	\$1,000 4,403	171,369	2.6	bushels	(D)	206,912	(D)
Feed purchased	\$1,000 4,638	307,212	1.5	Sunflower seed, All	farms -	-	-
				acres	-	-	-
				pounds	-	-	-
				Soybeans for beans	farms -	-	-
				acres	-	-	-
				bushels	-	-	-
				Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms 56	1,088	5.1
				acres	39,654	289,334	13.7
				tons, dry	296,753	2,087,130	14.2

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	524	11,760	Years on present farm:		
Sex of operator:			2 years or less	28	910
Male	335	7,623	3 or 4 years	44	1,414
Female	189	4,137	5 to 9 years	132	2,821
Primary occupation:			10 years or more	320	6,615
Farming	321	6,467	Age group:		
Other	203	5,293	Under 25 years	10	235
Place of residence:			25 to 34 years	20	767
On farm operated	372	8,633	35 to 44 years	105	2,243
Not on farm operated	152	3,127	45 to 54 years	197	3,582
Days worked off farm:			55 to 64 years	109	2,679
None	257	5,625	65 to 74 years	62	1,581
Any	267	6,135	75 years and over	21	673
1 to 49 days	35	733	Average age of -		
50 to 99 days	20	432	All operators ¹	51.8	52.5
100 to 199 days	50	769	Principal operator	53.7	54.9
200 days or more	162	4,201	Second operator	49.8	49.7
			Third operator	41.8	43.6
			Living on an American Indian reservation	256	346

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