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## Appendix B.

# American Indian and Alaska Native Farm Operators

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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 <sup>1</sup>	Other <sup>2</sup>		Total	Individually reported <sup>1</sup>	Other <sup>2</sup>
<b>STATE TOTAL</b>				Graham .....	2	-	2
Arizona .....	5,039	484	4,555	La Paz .....	62	45	17
<b>COUNTIES</b>				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	-

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> 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 <sup>1</sup>	Total farms	Percent of total	Characteristics	American Indian or Alaska Native operated farms <sup>1</sup>	Total farms	Percent of total
<b>FARMS AND LAND IN FARMS</b>				<b>FARM PRODUCTION EXPENSES - Con.</b>			
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 <sup>2</sup> .....	\$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 <sup>2</sup> .....	\$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)	<b>LIVESTOCK AND POULTRY</b>			
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	
acres 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	
<b>TENURE</b>				number	5,528	40,791	13.6
Full owners .....	farms 318	5,723	5.6	Horses and ponies inventory .....	farms 251	3,728	6.7
acres 21,959,842	25,273,587	86.9	number	15,598	46,866	33.3	
Part owners .....	farms 37	904	4.1	Horses and ponies sold .....	farms 55	888	6.2
acres 78,136	850,797	9.2	number	867	3,804	22.8	
Tenants .....	farms 60	667	9.0	Bison inventory .....	farms -	15	-
acres 28,301	462,193	6.1	number	-	279	-	
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>				Bison sold .....	farms 6	6	-
Market value of agricultural products sold (see text) .....	\$1,000 83,566	2,395,447	3.5	number	-	14	-
Average per farm .....	dollars 201,364	328,413	(X)	Layers 20 weeks old and older inventory .....	farms 31	582	5.3
Crops, including nursery and greenhouse crops .....	\$1,000 68,990	1,587,775	4.3	number	582	(D)	(D)
Livestock, poultry, and their products .....	\$1,000 14,576	807,672	1.8	Broilers and other meat-type chickens sold .....	farms 9	59	15.3
<b>FARMS BY ECONOMIC CLASS (SEE TEXT)</b>				number	458	(D)	(D)
Less than \$1,000 .....	149	2,538	5.9	<b>SELECTED CROPS HARVESTED</b>			
\$1,000 to \$2,499 .....	58	907	6.4	Corn for grain .....	farms 17	92	18.5
\$2,500 to \$4,999 .....	41	647	6.3	acres	2,254	27,838	8.1
\$5,000 to \$9,999 .....	35	598	5.9	bushels	320,670	5,127,857	6.3
\$10,000 to \$24,999 .....	27	675	4.0	Corn for silage or greenchop .....	farms 7	137	5.1
\$25,000 to \$49,999 .....	20	430	4.7	acres	2,240	31,922	7.0
\$50,000 to \$99,999 .....	30	307	9.8	tons	52,569	803,358	6.5
\$100,000 or more .....	55	1,192	4.6	Wheat for grain, All .....	farms 12	232	5.2
<b>OTHER FARM CHARACTERISTICS</b>				acres	17,349	100,078	17.3
Farms reporting -				bushels	1,527,748	9,600,854	15.9
Computers for farm business .....	186	3,995	4.7	Winter wheat for grain .....	farms 3	30	10.0
Internet access .....	188	4,506	4.2	acres	(D)	6,486	(D)
Farms by type of organization:				bushels	(D)	557,027	(D)
Family or individual .....	299	5,695	5.3	acres	10	208	4.8
Partnership .....	33	841	3.9	Durum wheat for grain .....	farms (D)	93,592	(D)
Corporation .....	22	593	3.7	acres	(D)	9,043,827	(D)
Other-cooperative, estate or trust, institutional, etc .....	61	165	37.0	bushels	(D)	-	-
<b>FARM PRODUCTION EXPENSES</b>				Spring wheat for grain .....	farms -	-	-
Total farm production expenses .....	\$1,000 79,939	1,825,328	4.4	acres	-	-	-
Selected farm production expenses:				bushels	-	-	-
Livestock and poultry purchased .....	\$1,000 4,403	171,369	2.6	Barley for grain .....	farms 5	164	3.0
Feed purchased .....	\$1,000 4,638	307,212	1.5	acres	3,659	39,199	9.3
				bushels	410,444	4,269,681	9.6
				Oats for grain .....	farms 2	43	4.7
				acres	(D)	2,226	(D)
				bushels	(D)	206,912	(D)
				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

<sup>1</sup> 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.

<sup>2</sup> 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 <sup>1</sup>	Total operators reporting <sup>1</sup>	Characteristics	American Indian or Alaska Native operators reporting <sup>1</sup>	Total operators reporting <sup>1</sup>
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 <sup>1</sup> .....	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

<sup>1</sup> Data were collected for a maximum of three operators per farm.