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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>				Kent	5	5	-
Michigan	499	499	-	Lake	1	1	-
<b>COUNTIES</b>				Lapeer	5	5	-
Alger	1	1	-	Leelanau	5	5	-
Allegan	4	4	-	Lenawee	4	4	-
Antrim	1	1	-	Livingston	9	9	-
Arenac	8	8	-	Mackinac	3	3	-
Baraga	2	2	-	Macomb	4	4	-
Barry	10	10	-	Manistee	6	6	-
Bay	9	9	-	Marquette	4	4	-
Berrien	7	7	-	Mason	8	8	-
Branch	9	9	-	Mcosta	1	1	-
Calhoun	16	16	-	Menominee	1	1	-
Cass	10	10	-	Midland	1	1	-
Charlevoix	2	2	-	Missaukee	3	3	-
Cheboygan	5	5	-	Monroe	14	14	-
Chippewa	15	15	-	Montcalm	9	9	-
Clare	1	1	-	Montmorency	1	1	-
Clinton	10	10	-	Muskegon	4	4	-
Delta	12	12	-	Newaygo	8	8	-
Dickinson	2	2	-	Oakland	5	5	-
Eaton	10	10	-	Oceana	6	6	-
Emmet	5	5	-	Ogemaw	4	4	-
Genesee	14	14	-	Osceola	8	8	-
Gladwin	4	4	-	Oscoda	1	1	-
Grand Traverse	3	3	-	Otsego	8	8	-
Gratiot	11	11	-	Ottawa	3	3	-
Hillsdale	22	22	-	Presque Isle	4	4	-
Houghton	1	1	-	Saginaw	14	14	-
Huron	2	2	-	St. Clair	10	10	-
Ingham	15	15	-	St. Joseph	5	5	-
Ionia	22	22	-	Sanilac	8	8	-
Iosco	4	4	-	Schoolcraft	8	8	-
Iron	2	2	-	Shiawassee	5	5	-
Isabella	4	4	-	Tuscola	9	9	-
Jackson	12	12	-	Van Buren	15	15	-
Kalamazoo	9	9	-	Washtenaw	13	13	-
Kalkaska	1	1	-	Wayne	7	7	-
				Wexford	5	5	-

<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 .....	451	53,315	0.8	Selected farm production expenses - Con.			
Land in farms .....	45,632	10,142,958	0.4	Fertilizer, lime, and soil conditioners .....	\$1,000 518	241,158	0.2
Estimated market value of land and buildings <sup>2</sup> .....	\$1,000 222,690	27,143,604	0.8	Gasoline, fuels, and oils .....	\$1,000 671	145,503	0.5
Average per farm .....	dollars 420,963	509,299	(X)	Hired farm labor .....	\$1,000 808	469,731	0.2
Average per acre .....	dollars 1,111	1,261	(X)	Interest expense .....	\$1,000 999	211,406	0.5
Estimated market value of all machinery and equipment <sup>2</sup> .....	\$1,000 24,364	3,761,334	0.6	Chemicals .....	\$1,000 368	181,198	0.2
Average per farm .....	dollars 47,962	73,910	(X)	<b>LIVESTOCK AND POULTRY</b>			
Farms by size:				Beef cows inventory .....	farms 75	8,144	0.9
1 to 9 acres .....	45	3,235	1.4	number 835		117,564	0.7
10 to 49 acres .....	204	18,663	1.1	Milk cows inventory .....	farms 14	3,013	0.5
50 to 179 acres .....	141	18,605	0.8	number 742		298,429	0.2
180 to 499 acres .....	45	7,993	0.6	Cattle and calves sold .....	farms 78	11,293	0.7
500 to 999 acres .....	10	2,856	0.4	number 998		516,107	0.2
1,000 acres or more .....	6	1,963	0.3	Hogs and pigs inventory .....	farms 32	2,180	1.5
Total cropland .....	farms 381	47,904	0.8	number 485		927,400	0.1
acres 31,617		7,983,574	0.4	Hogs and pigs sold .....	farms 30	2,336	1.3
Harvested cropland .....	farms 278	38,244	0.7	number 547		2,789,197	(Z)
acres 24,251		6,827,903	0.4	Sheep and lambs inventory .....	farms 32	2,236	1.4
Irrigated land .....	farms 42	4,413	1.0	number 879		88,541	1.0
acres 1,061		456,278	0.2	Sheep and lambs sold .....	farms 18	1,377	1.3
				number 525		67,556	0.8
<b>TENURE</b>				Horses and ponies inventory .....	farms 203	14,988	1.4
Full owners .....	farms 340	37,089	0.9	number 1,394		104,949	1.3
acres 21,233		3,325,819	0.6	Horses and ponies sold .....	farms 38	3,238	1.2
Part owners .....	farms 96	14,199	0.7	number 156		11,615	1.3
acres 23,743		6,317,989	0.4	Bison inventory .....	farms 5	162	3.1
Tenants .....	farms 15	2,027	0.7	number 176		4,057	4.3
acres 656		499,150	0.1	Bison sold .....	farms 3	60	5.0
				number 60		764	7.9
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>				Layers 20 weeks old and older inventory .....	farms 69	3,491	2.0
Market value of agricultural products sold (see text) .....	\$1,000 8,942	3,772,435	0.2	number 2,223		7,308,261	(Z)
Average per farm .....	dollars 19,828	70,757	(X)	Broilers and other meat-type chickens sold .....	farms 21	659	3.2
Crops, including nursery and greenhouse crops .....	\$1,000 6,410	2,362,628	0.3	number (D)		4,027,972	(D)
Livestock, poultry, and their products .....	\$1,000 2,533	1,409,807	0.2	<b>SELECTED CROPS HARVESTED</b>			
<b>FARMS BY ECONOMIC CLASS (SEE TEXT)</b>				Corn for grain .....	farms 57	13,613	0.4
Less than \$1,000 .....	172	17,442	1.0	acres 4,862		2,007,021	0.2
\$1,000 to \$2,499 .....	81	5,849	1.4	bushels 590,054		234,709,542	0.3
\$2,500 to \$4,999 .....	52	4,749	1.1	acres 8		3,362	0.2
\$5,000 to \$9,999 .....	42	5,107	0.8	Wheat for grain, All .....	farms 21	6,581	0.3
\$10,000 to \$24,999 .....	34	6,429	0.5	acres 1,383		433,783	0.3
\$25,000 to \$49,999 .....	28	4,019	0.7	bushels 100,485		28,248,938	0.4
\$50,000 to \$99,999 .....	18	3,229	0.6	Winter wheat for grain .....	farms 21	6,488	0.3
\$100,000 or more .....	24	6,491	0.4	acres 1,383		430,193	0.3
				bushels 100,485		28,080,725	0.4
<b>OTHER FARM CHARACTERISTICS</b>				Durum wheat for grain .....	farms -	-	-
Farms reporting -				acres -		-	-
Computers for farm business .....	200	20,937	1.0	bushels -		116	-
Internet access .....	277	27,663	1.0	acres -		3,590	-
Farms by type of organization:				bushels -		168,213	-
Family or individual .....	423	48,070	0.9	Barley for grain .....	farms 3	400	0.8
Partnership .....	17	3,172	0.5	acres (D)		11,620	(D)
Corporation .....	8	1,817	0.4	number (D)		576,461	(D)
Other-cooperative, estate or trust, institutional, etc .....	3	256	1.2	Oats for grain .....	farms 9	2,756	0.3
				acres 345		63,485	0.5
<b>FARM PRODUCTION EXPENSES</b>				bushels 24,680		3,994,940	0.6
Total farm production expenses .....	\$1,000 11,040	3,333,716	0.3	Sunflower seed, All .....	farms 2	91	2.2
Selected farm production expenses:				acres (D)		2,275	(D)
Livestock and poultry purchased .....	\$1,000 164	196,578	0.1	pounds (D)		3,381,523	(D)
Feed purchased .....	\$1,000 681	390,264	0.2	Soybeans for beans .....	farms 38	11,683	0.3
				acres 6,037		2,055,424	0.3
				bushels 241,619		78,197,248	0.3
				Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms 182	22,067	0.8
				acres 8,837		1,212,603	0.7
				tons, dry 20,269		3,557,828	0.6

<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 .....	499	78,193	Years on present farm:		
Sex of operator:			2 years or less .....	12	3,201
Male .....	285	56,366	3 or 4 years .....	44	5,731
Female .....	214	21,827	5 to 9 years .....	144	14,259
Primary occupation:			10 years or more .....	299	55,002
Farming .....	222	40,552	Age group:		
Other .....	277	37,641	Under 25 years .....	11	1,739
Place of residence:			25 to 34 years .....	35	5,207
On farm operated .....	444	66,592	35 to 44 years .....	105	16,864
Not on farm operated .....	55	11,601	45 to 54 years .....	211	22,621
Days worked off farm:			55 to 64 years .....	94	17,308
None .....	167	33,711	65 to 74 years .....	32	9,544
Any .....	332	44,482	75 years and over .....	11	4,910
1 to 49 days .....	32	4,133	Average age of -		
50 to 99 days .....	18	2,521	All operators <sup>1</sup> .....	49.3	52.0
100 to 199 days .....	12	5,689	Principal operator .....	51.8	54.2
200 days or more .....	240	32,139	Second operator .....	47.0	48.4
			Third operator .....	38.4	40.6
			Living on an American		
			Indian reservation .....	8	169

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