



2017 Census of Agriculture

Native American Agriculture Fund Briefing

February 27, 2020

History of the Census of Agriculture

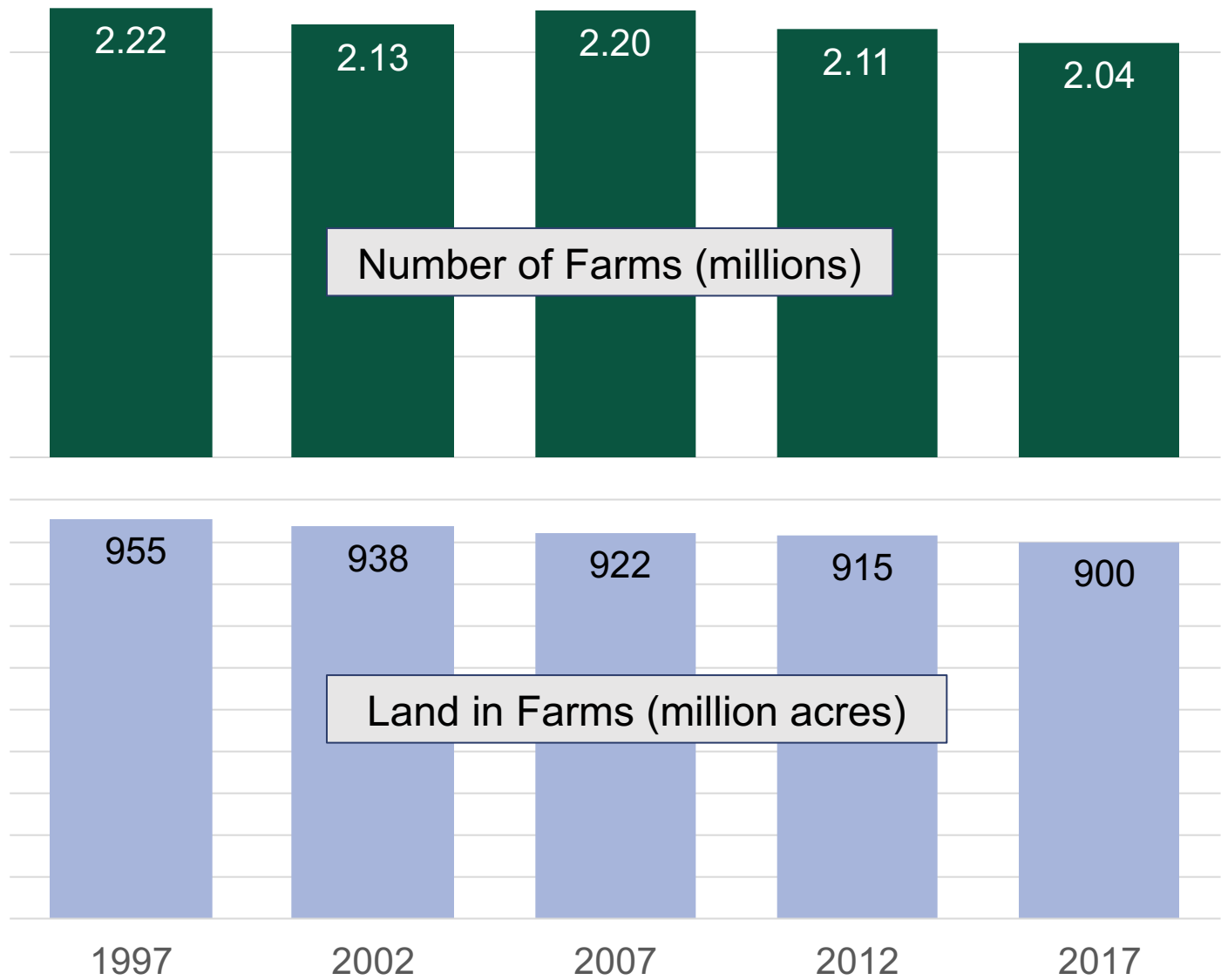
- The first Census of Agriculture was conducted in 1840 in 26 states and the District of Columbia
- 177 years later:
 - The 2017 Census of Agriculture is the 29th in the series, and the 5th conducted by NASS
 - In 1997 the Census was transferred from the Census Bureau to NASS
 - The Census encompasses 50 states, Puerto Rico, and outlying areas
- Data are available for:
 - National, state, and county levels
 - Congressional districts, watersheds, and zip codes

Farms and Land in Farms

Since 1974, the Census of Agriculture has defined a farm as

“any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.”

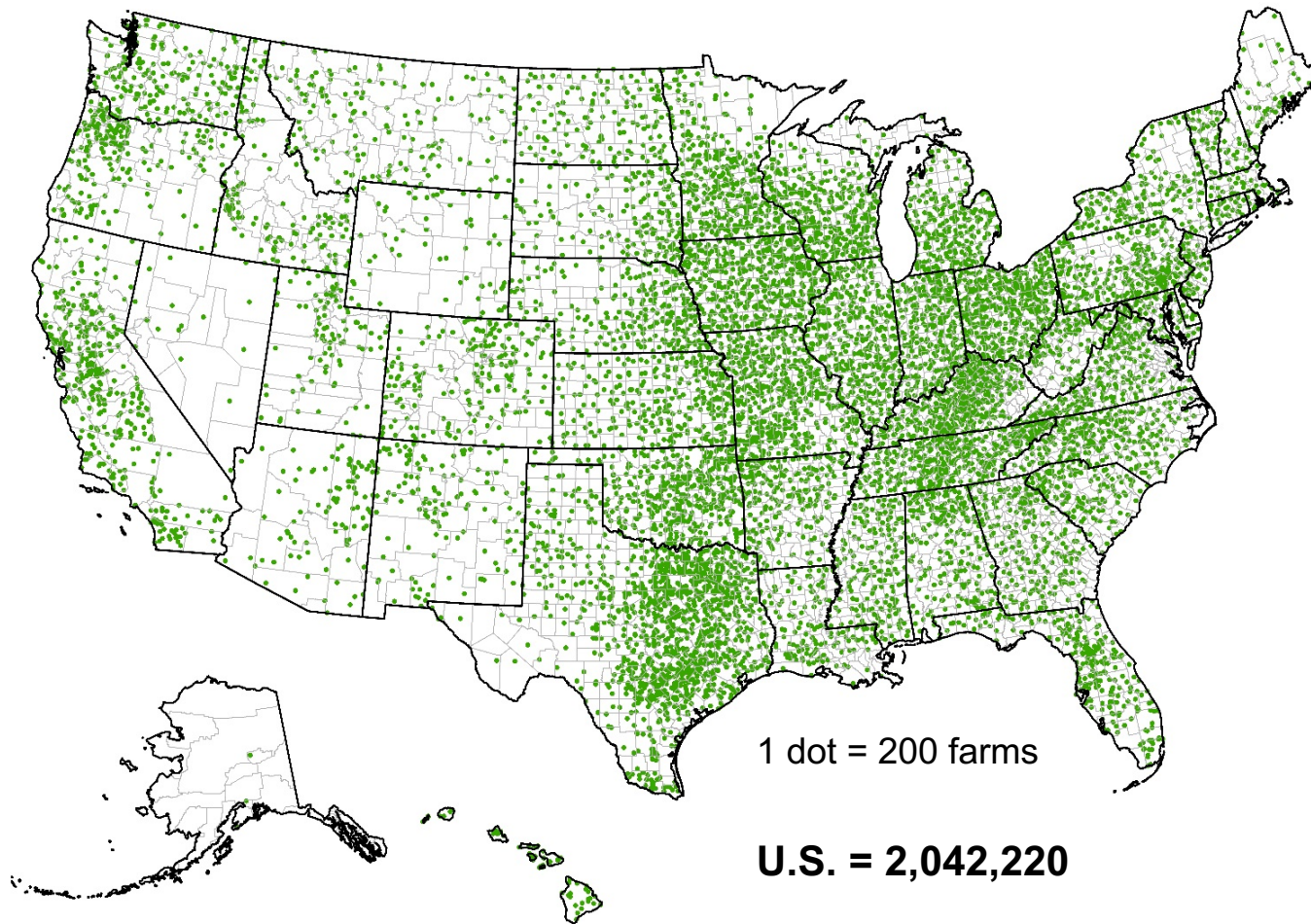
Number of Farms and Land in Farms, 1997-2017



2012	2017	% change
Number of farms		
2,109,303	2,042,220	-3.2
Land in farms (acres)		
914,527,657	900,217,576	-1.6
Average farm size (acres)		
434	441	+1.6

Number of Farms, 2017

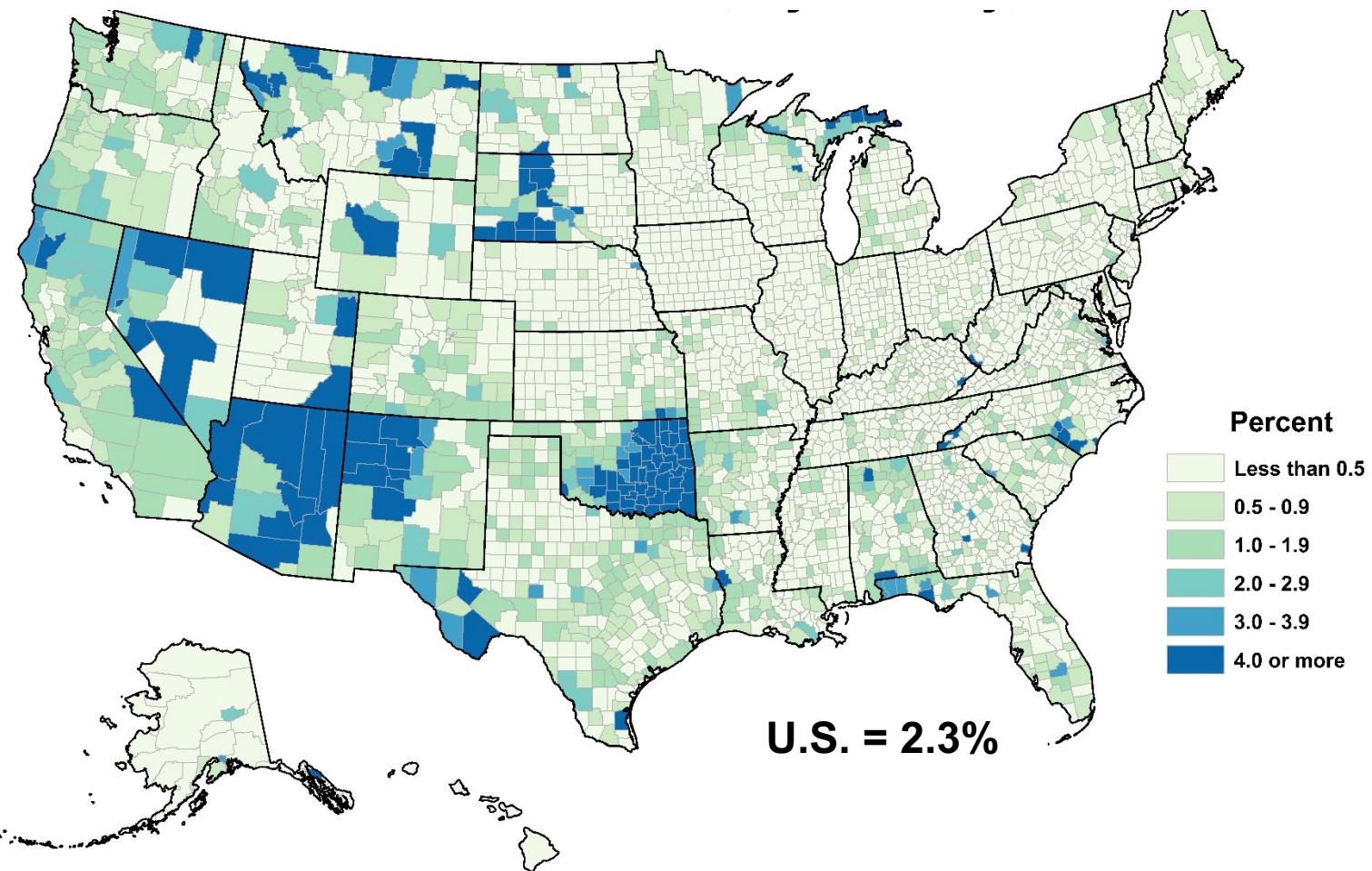
By County



Top 10 States	2017
Texas	248,416
Missouri	95,320
Iowa	86,104
Oklahoma	78,531
Ohio	77,805
Kentucky	75,966
Illinois	72,651
California	70,521
Tennessee	69,983
Minnesota	68,822

American Indian and Alaska Native Producers, 2017

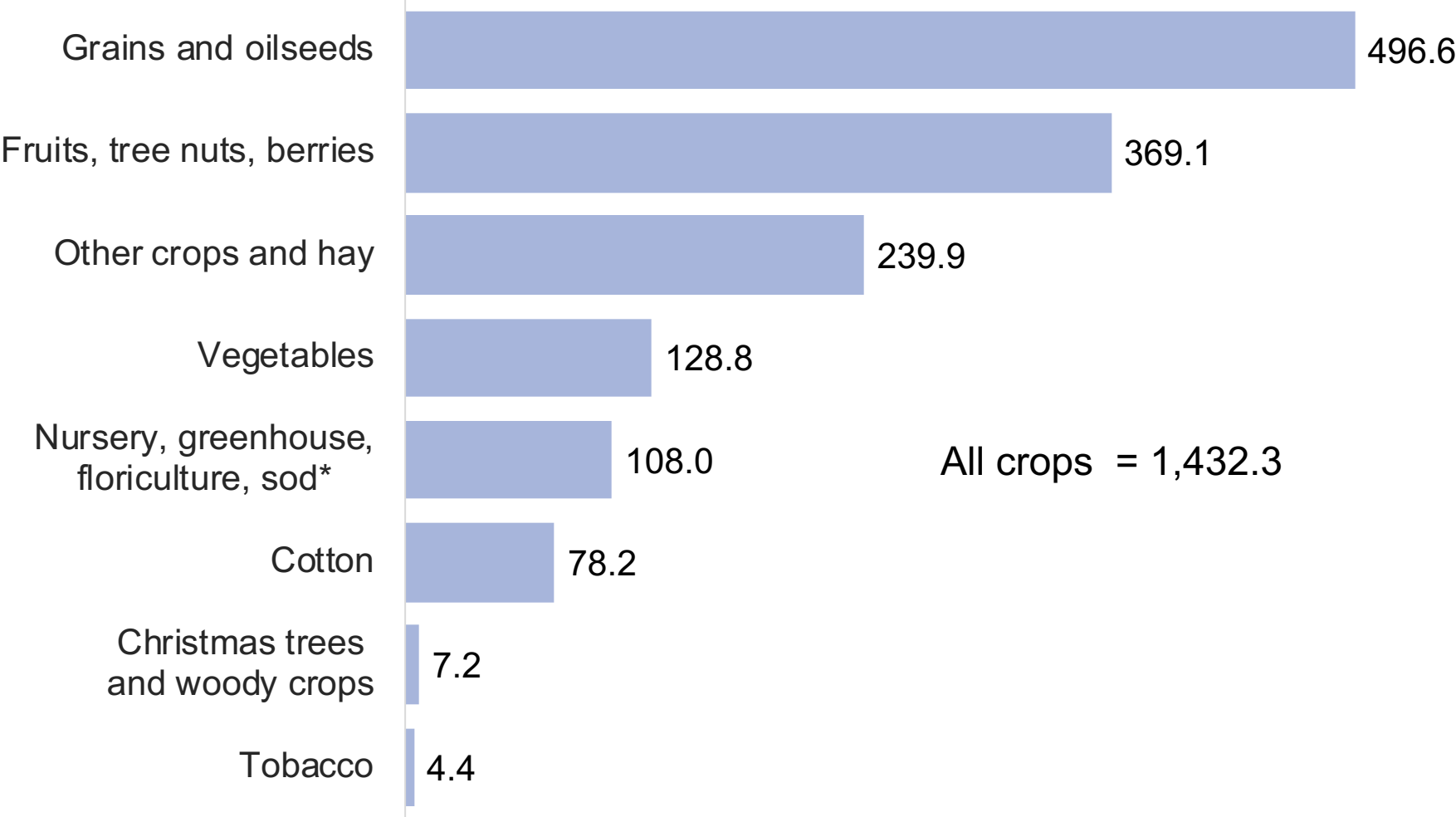
American Indian Producers as a Percent of Total



Top States Farms with American Indian Producers	
Oklahoma	13,935
Arizona	11,729
New Mexico	6,211
Texas	4,883
California	2,153
Montana	1,696
Missouri	1,322
Oregon	1,104
Arkansas	1,098
Washington	1,049
Alabama	1,042

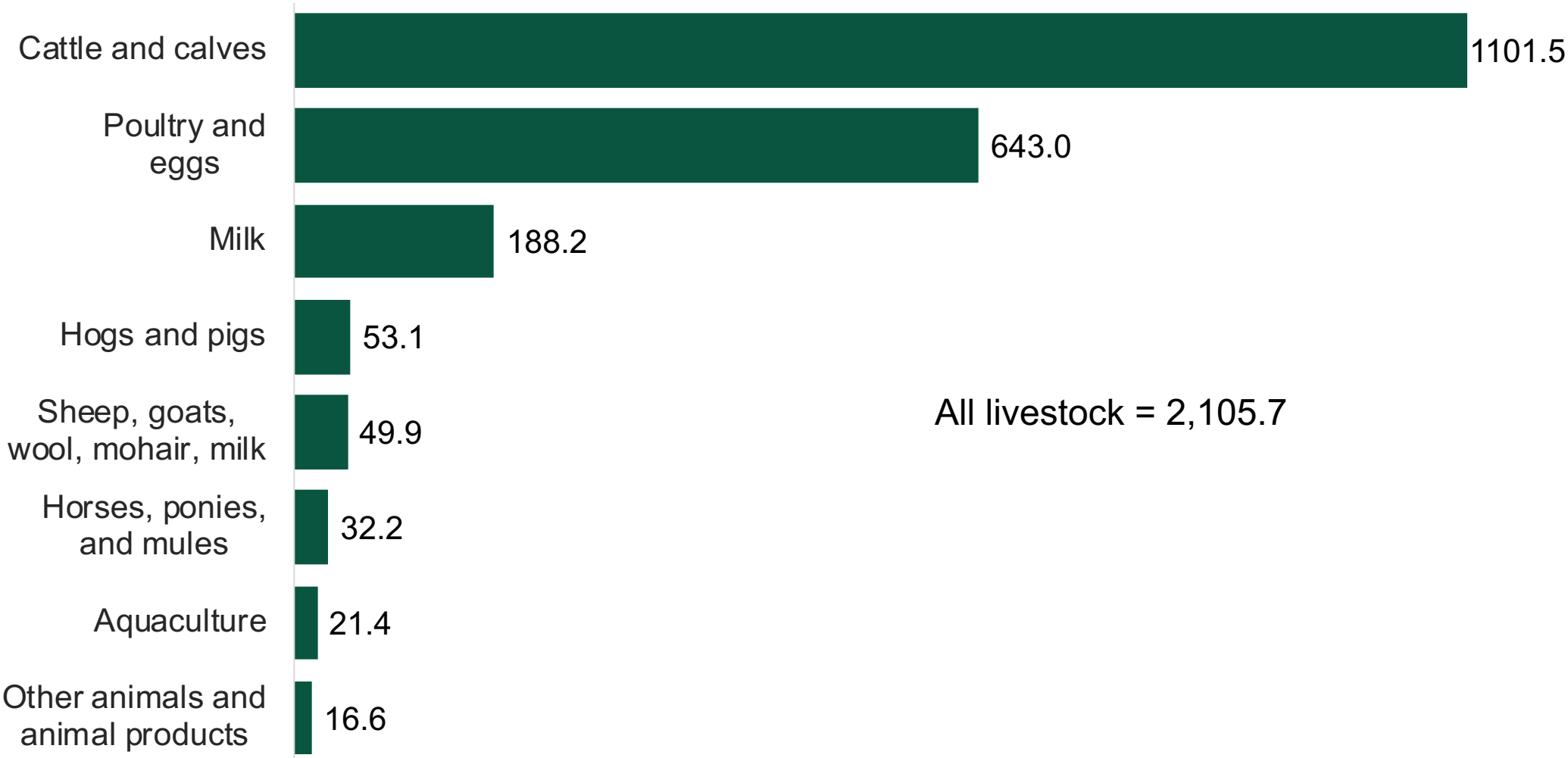
Value of Crop Production by Category, 2017

American Indian Operated Farms Value (\$ millions)



Value of Livestock Production by Category, 2017

American Indian Operated Farms Value (\$ millions)

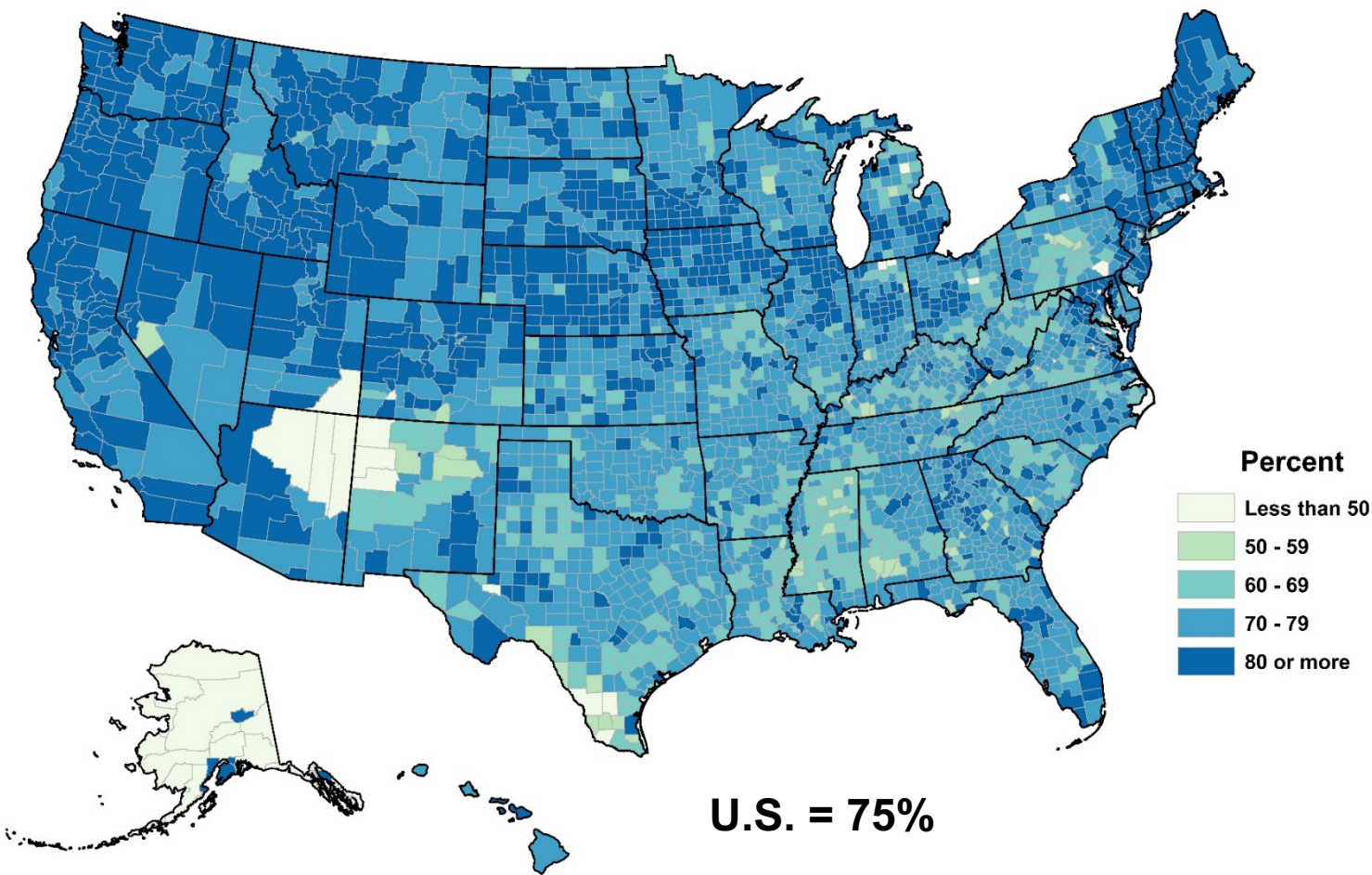


American Indian Operated Farm Income and Expenses, 2012 and 2017 (\$ millions)

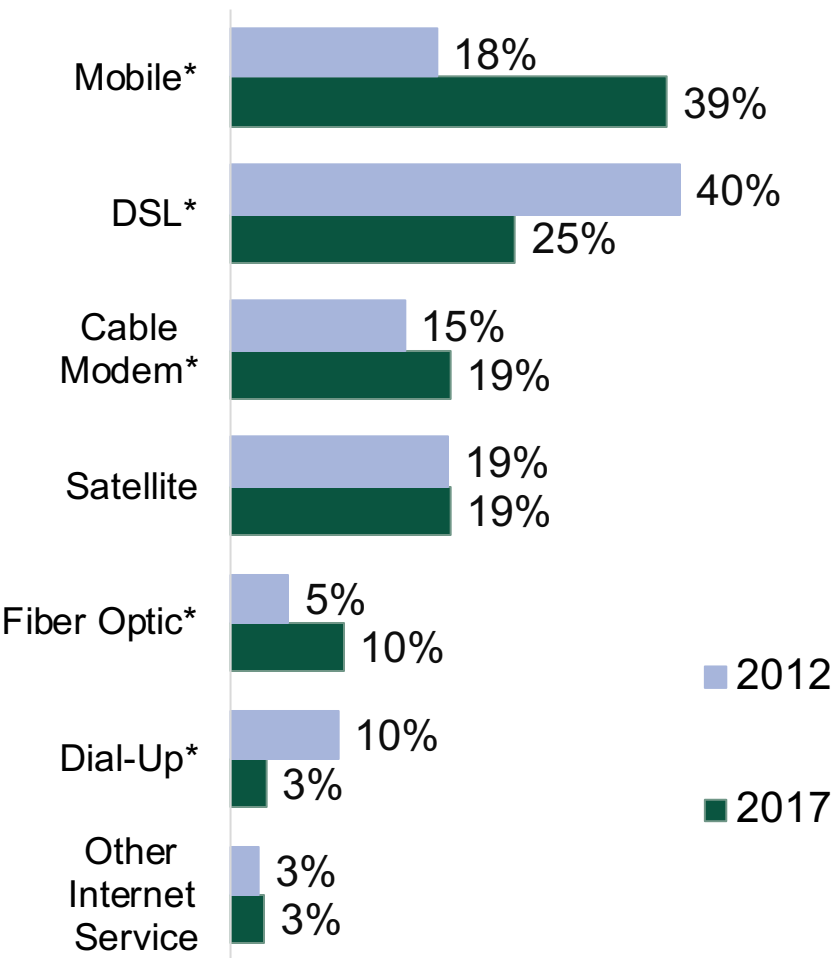
	2012	2017	% change
Value of ag products sold	3,242.2	3,538.0	+9
Government payments	89.6	102.8	+15
Farm-related income	201.3	237.0	+18
Production expenses	3,161.8	3,362.4	+6
Net income	371.3	515.3	+39
Per farm average net income (dollars)	\$6,623	\$8,577	+9

Farms with Internet Access

As a Percent of Total, by County, 2017



By Type, 2012 and 2017 (percent)



* Statistically significant difference from 2012 10

Demographics of Farm Producers

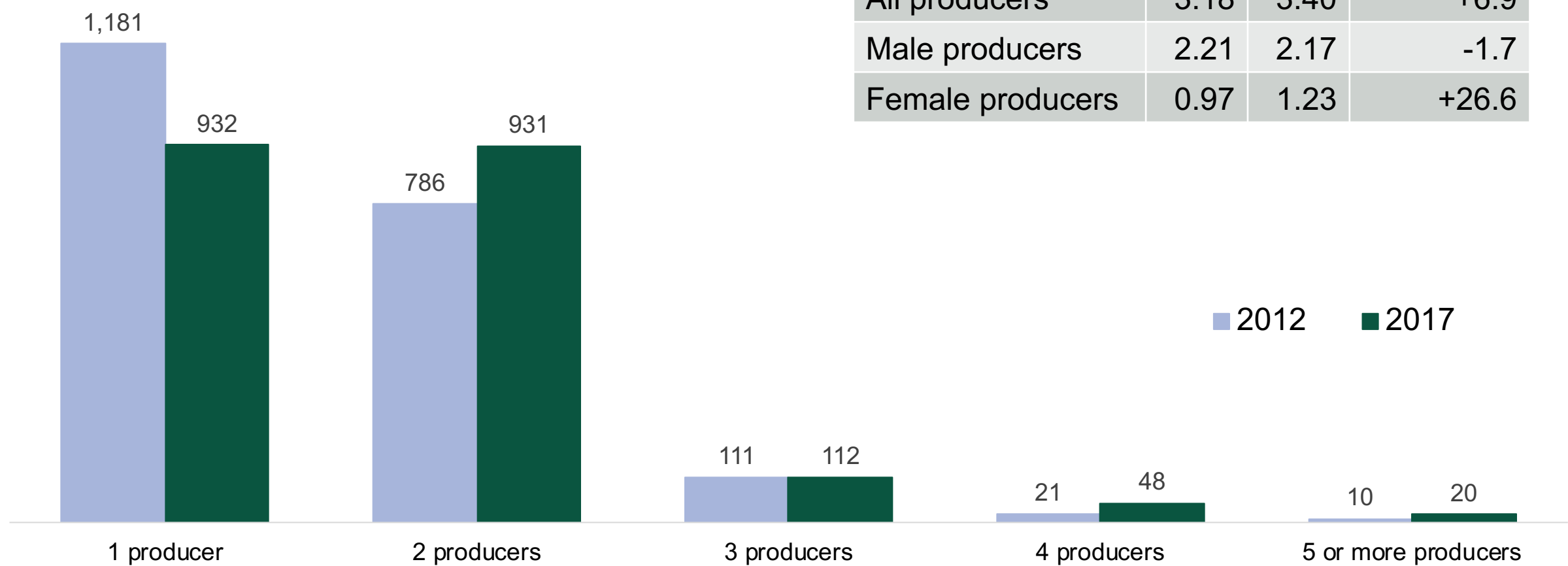
- Terms and Definitions
- Overview
- American Indian and Alaska Native Producers

Terms and Definitions

- Only source of demographic data down to the county level
- Detailed data for up to 4 persons per farm (up to 3 in 2012)
- Census of Agriculture uses OMB (Office of Management and Budget) race and ethnicity categories
- For data by race, an additional breakdown is available
 - Producers reporting specified race alone
 - Producers reporting specified race alone or in combination with other races

Farm Structure, 2012 and 2017

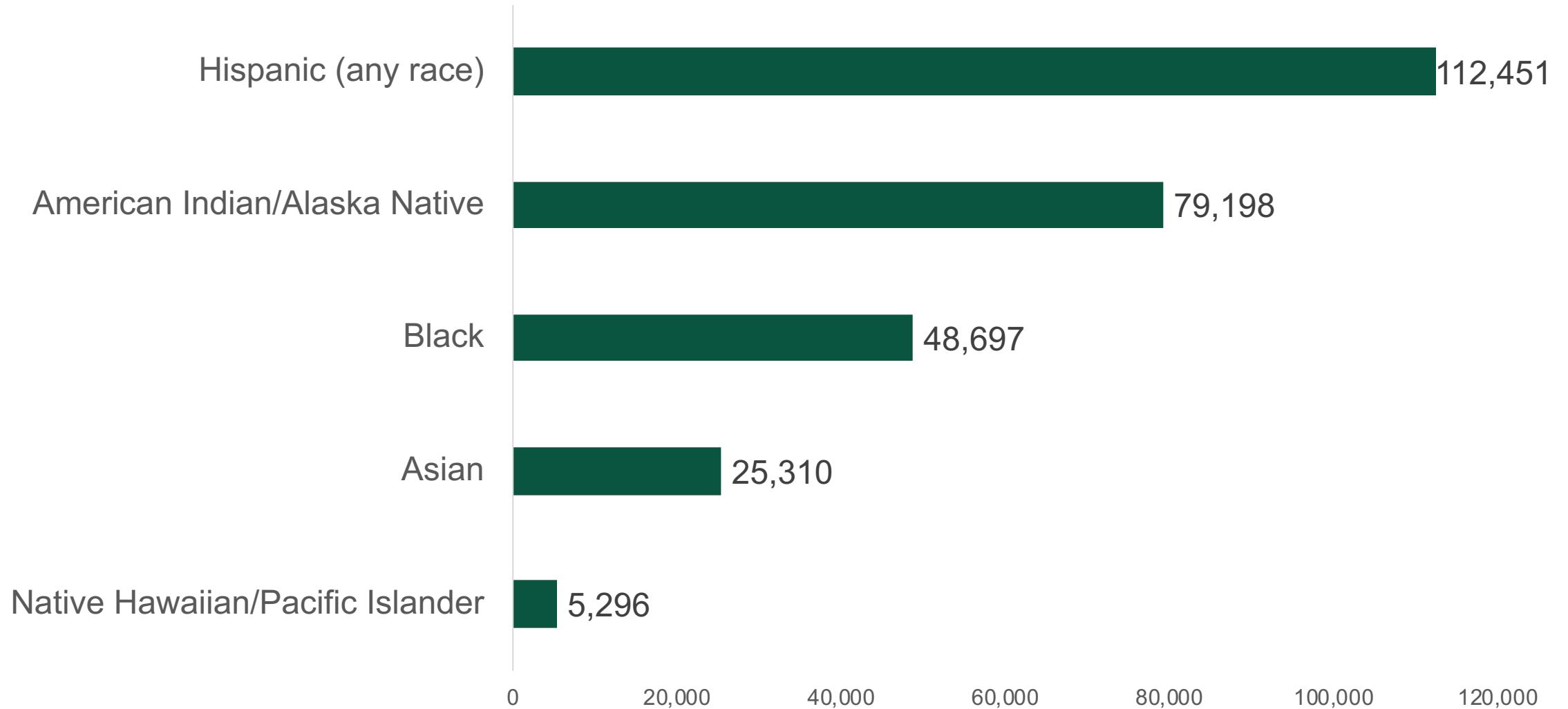
Farms by Number of Producers (*thousands*)



Producers by Sex (*millions*)

	2012	2017	% change
All producers	3.18	3.40	+6.9
Male producers	2.21	2.17	-1.7
Female producers	0.97	1.23	+26.6

Producers by Race and Ethnicity



Characteristics by Ethnicity and Race, 2017

Producers

	Hispanic	American Indian or Alaska Native	Asian	Black	Native Hawaiian or Pacific Islander	White
Number	112,451	79,198	25,310	48,697	5,296	3,269,738
Average age	55.0	56.6	54.9	60.8	54.9	57.5

Farms

Number	86,278	60,083	18,338	35,470	4,341	1,973,006
Average farm size (acres)	372	978	160	132	240	431
Average TVP	\$252,267	\$58,885	\$406,669	\$39,928	\$163,776	\$193,132

American Indian Producers: Changes from 2012 to 2017

	2012	2017	% change
Farms			
American Indian only	44,671	42,705	-4%
American Indian alone or in combination	56,092	60,083	7%
Producers			
American Indian only	58,475	58,199	0%
American Indian alone or in combination	71,947	79,198	10%

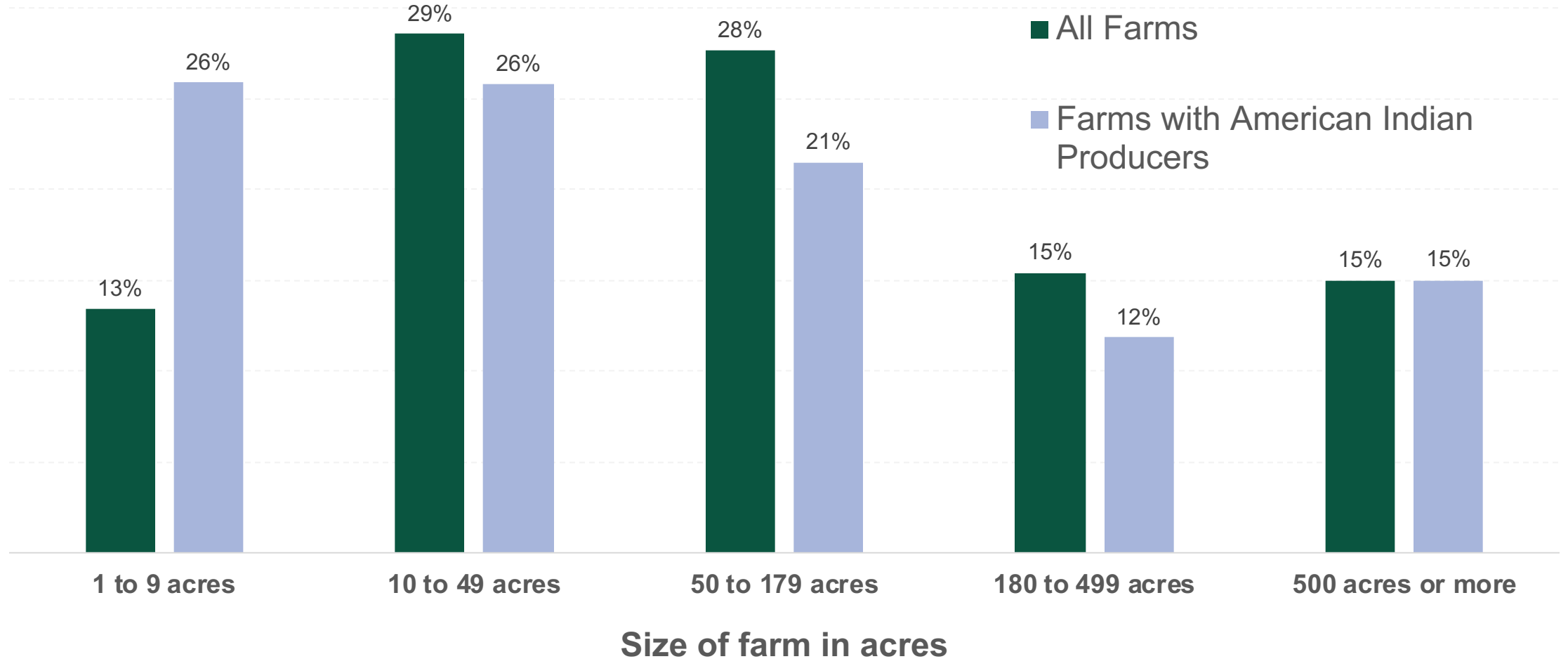
Demographic Characteristics of American Indian Producers Compared to All Producers

Percent of total	American Indian Producers	All Producers
Sex		
Male	56	64
Female	44	36
Age		
< 35	10	8
35 – 54	32	30
55 – 64	27	28
65 or over	32	34

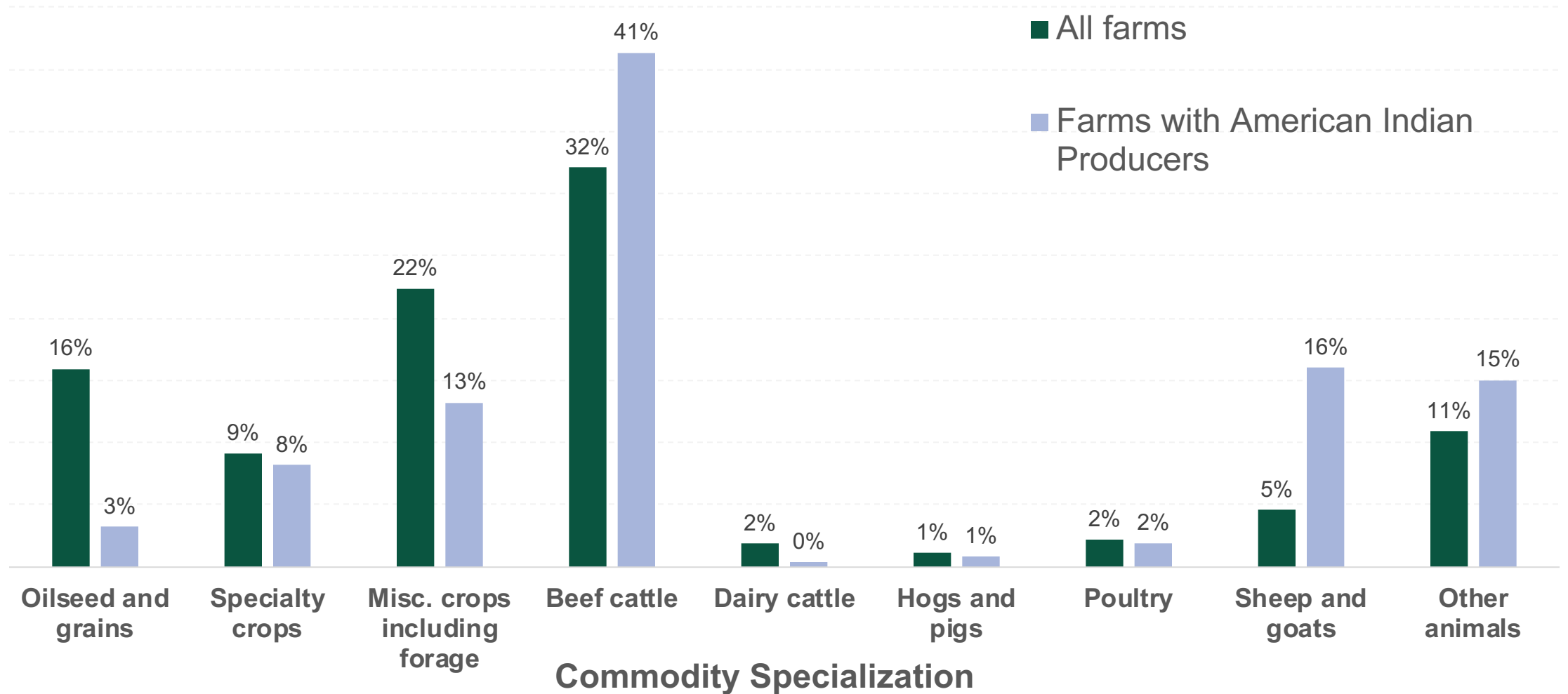
Percent of total	American Indian Producers	All Producers
Primary Occupation		
Farming	47	42
Other	53	58
Days worked off farm		
None	37	39
200 days or more	39	40

11 percent of American Indian producers have military service compared to 11 percent of all producers.

Farms with American Indian Producers Compared to All Farms – Percent of Farms by Size in Acres



Farms with American Indian Producers Compared to All Farms – Percent of Farms by Commodity Specialization (NAICS)



Agriculture on American Indian Reservations

Number of Farms

73 Published Reservations	All Producers	American Indian/Alaskan Native Producers
Number of Farms	25,271	19,435

Number of Farms		
Top 10 Reservations	All Producers	American Indian/Alaskan Native Producers
Navajo Nation	16,129	16,003
Flathead	1,057	218
Blackfeet	645	478
Nez Perce	500	6
Fort Peck	454	72
Cheyenne River	422	215
Pine Ridge	380	223
Standing Rock	373	80
Rosebud	354	107
Yakama	341	53

Reservation acres

Reservation acres on farms		
Top 10 Reservations*	All Producers	American Indian/Alaskan Native Producers
Navajo Nation	15,995,653	15,853,227
Tohono O'odham	2,592,708	(D)
Crow	2,124,704	1,289,422
San Carlos Apache	1,824,400	1,824,400
Hopi	1,622,514	1,622,514
Colville	1,470,410	(D)
Pine Ridge	1,416,104	1,090,221
Cheyenne River	1,299,303	665,030
Flathead	1,192,372	953,482
Fort Peck	1,118,004	337,846

*Among reservations that can be displayed

Race/Ethnicity/Gender Profile



United States Farms with American Indian or Alaska Native Producers^a

Total and Per Farm Overview, 2017

	Farms with American Indian/Alaska Native Producers	All Farms
Number of farms	60,083	2,042,220
Land in farms (acres)	58,749,543	900,217,576
Average size of farm (acres)	978	441
Total	(\$)	(\$)
Market value of products sold	3,537,975,000	388,572,815,000
Government payments	102,783,000	2,042,574,000
Farm-related income	237,027,000	16,217,624,000
Total farm production expenses	3,362,431,000	326,350,640,000
Net cash farm income	515,355,000	87,923,453,000
Per farm average	(\$)	(\$)
Market value of products sold	58,885	190,245
Government payments (average per farm receiving)	12,601	13,906
Farm-related income	20,309	21,478
Total farm production expenses	55,963	159,821
Net cash farm income	8,577	43,053

Farms by Value of Sales

	Number	Percent ^b
Less than \$2,500	32,469	54
\$2,500 to \$4,999	6,001	10
\$5,000 to \$9,999	6,379	11
\$10,000 to \$24,999	6,242	10
\$25,000 to \$49,999	3,210	5
\$50,000 to \$99,999	2,124	4
\$100,000 or more	3,658	6
Total	60,083	100

Farms by Size

	Number	Percent ^b
1 to 9 acres	15,046	25
10 to 49 acres	15,768	26
50 to 179 acres	13,154	22
180 to 499 acres	7,229	12
500 to 999 acres	3,406	6
1,000 + acres	5,480	9
Total	60,083	100

Share of Sales by Type (%)

Crops	40
Livestock, poultry, and products	60

Land in Farms by Use (%) ^b

Cropland	8
Pasture and woodland	70
Woodland	0
Other	4

Land Use Practices (% of farms)

No till	7
Reduced till	3
Intensive till	7
Cover crop	4

Page 2 - Farms with
American Indian/Alaska Native Producers
United States, 2017

2017 CENSUS OF AGRICULTURE Race/Ethnicity/Gender Profile

Market Value of Agricultural Products Sold

	Sales (\$1,000)	No. of Farms	Total Producers ^c	79,198
Total	3,537,975	60,083	Sex	
Crops	1,432,256	17,913	Male	44,504
Grains, oilseeds, dry beans, dry peas	496,585	4,823	Female	34,694
Tobacco	4,360	14	Age	
Cotton and cottonseed	78,171	151	<35	7,561
Vegetables, melons, potatoes, sweet potatoes	128,823	2,654	35 - 64	46,567
Fruits, tree nuts, berries	369,090	2,708	65 and older	25,070
Nursery, greenhouse, floriculture, sod	108,041	876	Primary occupation	
Cultivated Christmas trees, short rotation woody crops	7,242	122	Farming	36,909
Other crops and hay	239,945	10,106	Other	42,289
Livestock, poultry, and products	2,105,719	33,219	Days worked off farm	
Poultry and eggs	642,955	5,268	None	29,011
Cattle and calves	1,101,542	20,777	1 to 199	19,473
Milk from cows	188,199	238	200 +	30,714
Hogs and pigs	53,062	1,827	Other characteristics	
Sheep, goats, wool, mohair, milk	49,855	8,520	Hispanic/Latino/Spanish	3,882
Horses, ponies, mules, burros, donkeys	12,191	1,427	With military service	8,749
Aquaculture	21,353	116	New and beginning farmers	21,794
Other animals and animal products	16,562	1,506	Average age (years)	56.6

Top Crops in Acres ^d

Forage (hay/haylage), all	1,337,698
Wheat for grain, all	496,626
Soybeans for beans	399,825
Corn for grain	342,129
Cotton, all	93,330

Livestock Inventory (Dec 31, 2017)

Broilers and other meat-type chickens	30,325,918
Cattle and calves	1,849,293
Goats	145,303
Hogs and pigs	150,853
Horses and ponies	151,950
Layers	1,178,923
Pullets	628,683
Sheep and lambs	366,123
Turkeys	393,634

Percent of farms that:

Have internet access	66
Farm organically	1
Sell directly to consumers	6
Hire farm labor	18
Are family farms	96

Demographic Data in the Census of Agriculture

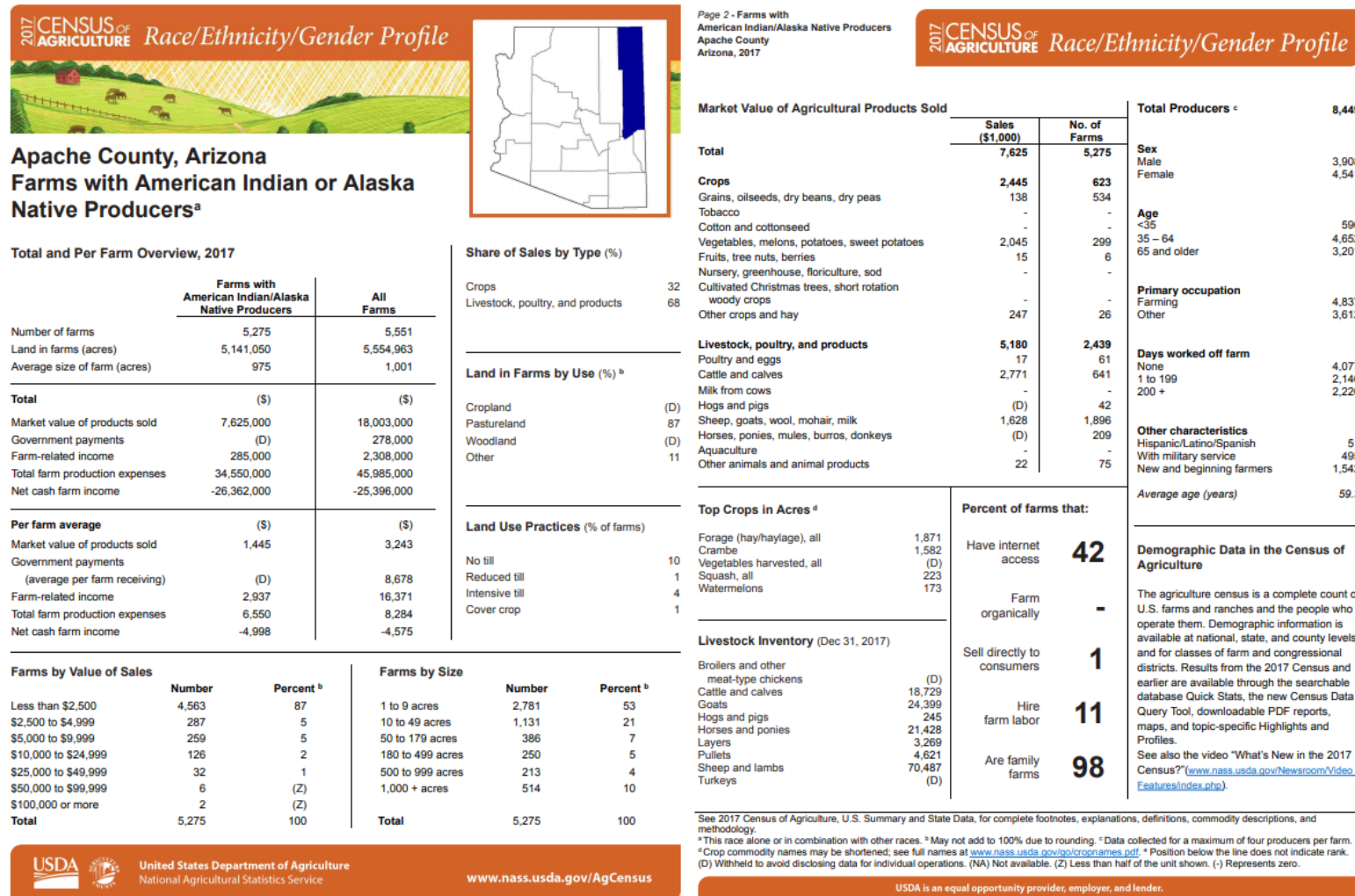
The agriculture census is a complete count of U.S. farms and ranches and the people who operate them. Demographic information is available at national, state, and county levels, and for classes of farm and congressional districts. Results from the 2017 Census and earlier are available through the searchable database Quick Stats, the new Census Data Query Tool, downloadable PDF reports, maps, and topic-specific Highlights and Profiles. See also the video "What's New in the 2017 Census?" (www.nass.usda.gov/Newsroom/Video_Features/index.php).

See 2017 Census of Agriculture, U.S. Summary and State Data, for complete footnotes, explanations, definitions, commodity descriptions, and methodology.

^a This race alone or in combination with other races. ^b May not add to 100% due to rounding. ^c Data collected for a maximum of four producers per farm. ^d Crop commodity names may be shortened; see full names at www.nass.usda.gov/cropnames.pdf. * Position below the line does not indicate rank. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (Z) Less than half of the unit shown. (-) Represents zero.

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Race/Ethnicity/Gender Profile – for states/counties with 30+ farms



https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/Race,_Ethnicity_and_Gender_Profiles/ 24



All Reports Available At
www.nass.usda.gov/AgCensus

For Questions
Virginia Harris
502-907-3211
virginia.harris@usda.gov