



2017 Census of Agriculture Data Release

Alaska

Agenda

- Census Data Collection
- Farms and Ranches
- Economics
- Demographics
- Future Census Products

ALASKA AGRICULTURAL CENSUS AREAS



History of the Census of Agriculture

- The first Census of Agriculture was conducted in 1840 in 26 states and the District of Columbia
- 175 years later:
 - The 2017 CoA 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
 - Congressional districts
 - Watersheds and zip codes

Alaska NUMBER, AREA, AND VALUE OF FARMS.	1910 (January 1)	1990 (June 1)	Increase.
Population.....	64,356	63,592	764
Number of all farms.....	222	12	210
Approximate land area.....acres..	378,165,760	378,165,760
Land in farms.....acres..	42,544	159	42,385
Improved land in farms.....acres..	2,660	159	2,501
Average acres per farm.....	191.6	13.3	178.3
Value of farm property:			
Total.....	\$1,468,402	(1)
Land.....	464,832	(1)
Buildings.....	402,806	\$12,800	\$390,006
Implements and machinery.....	58,568	690	57,878
Domestic animals and poultry.....	542,196	2,196	540,000
Average value of all property per farm.....	\$6,614	(1)
Average value of land per acre.....	\$10.93	(1)
Average value of land and buildings per acre.....	\$20.39	(1)

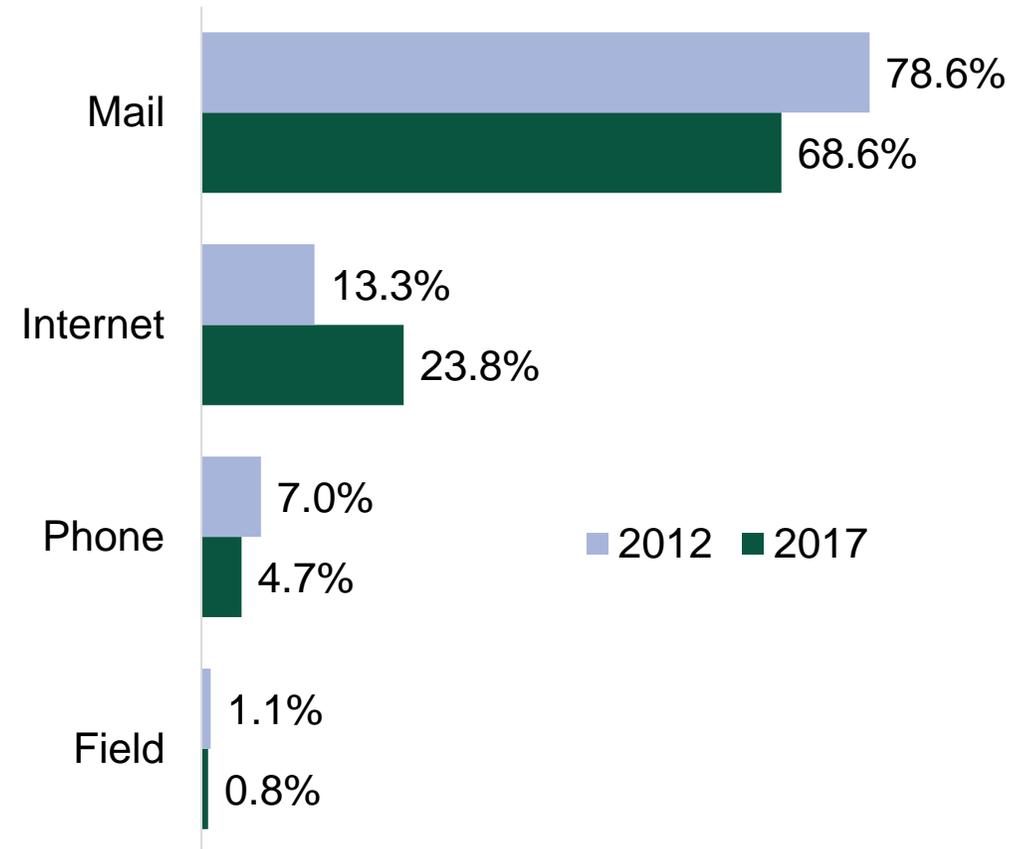
Census Data Collection

Response Rate by Area, 2017

Census Area	Response Rate
Anchorage	62.1%
Fairbanks	65.7%
Kenai Peninsula	70.1%
Juneau	71.6%
Aleutian Islands	61.1%
Alaska Total	65.7%

U.S. = 71.8%

U.S. Return Rate by Mode, 2012 and 2017 (percent of returns)



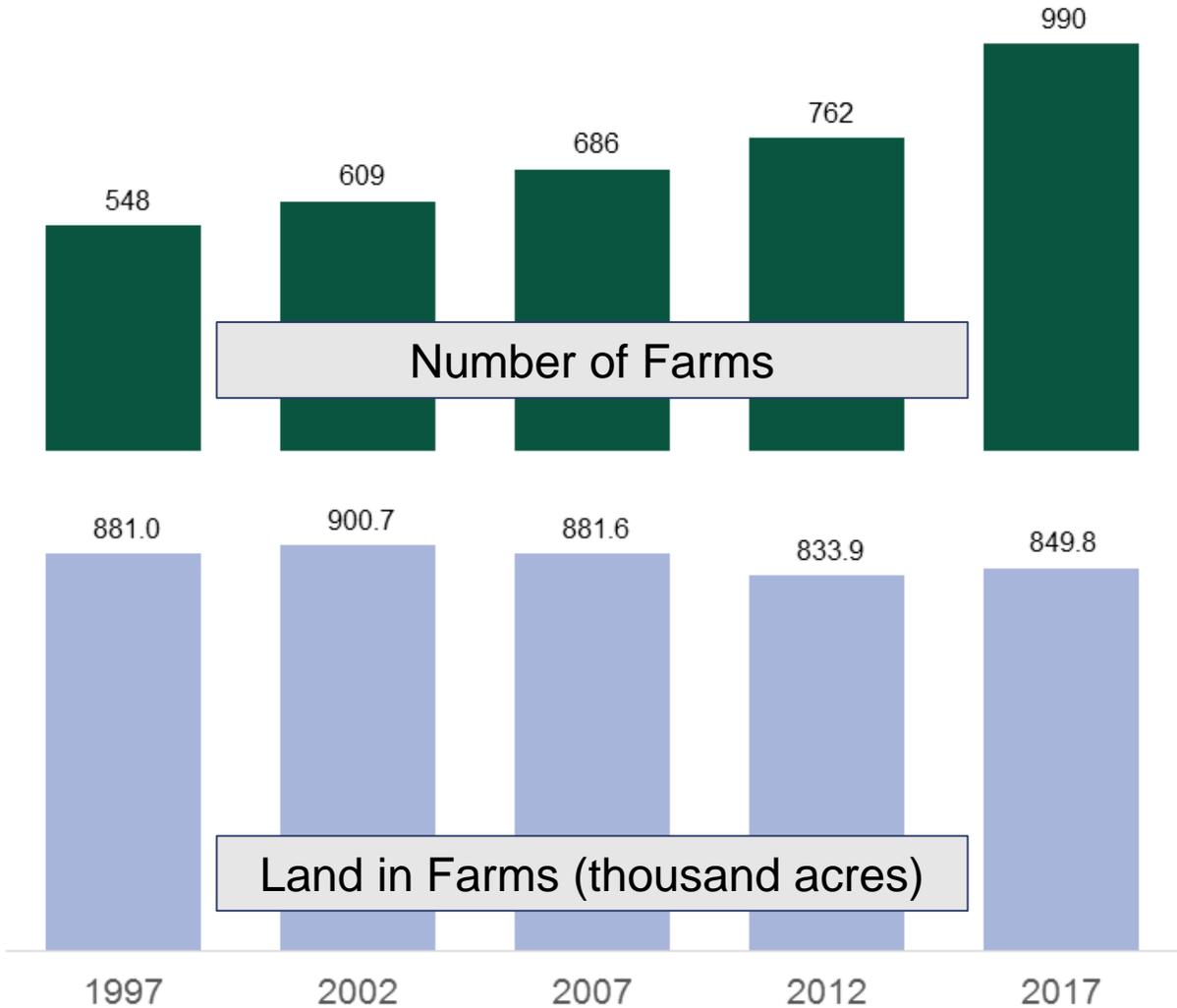
Farms and Land in Farms

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.”

Included as farms are state and private non-profit fish hatcheries that release fish into public waters for conservation purposes. These unique farms can heavily influence some data points like value of sales, value of land and building and some expenses.

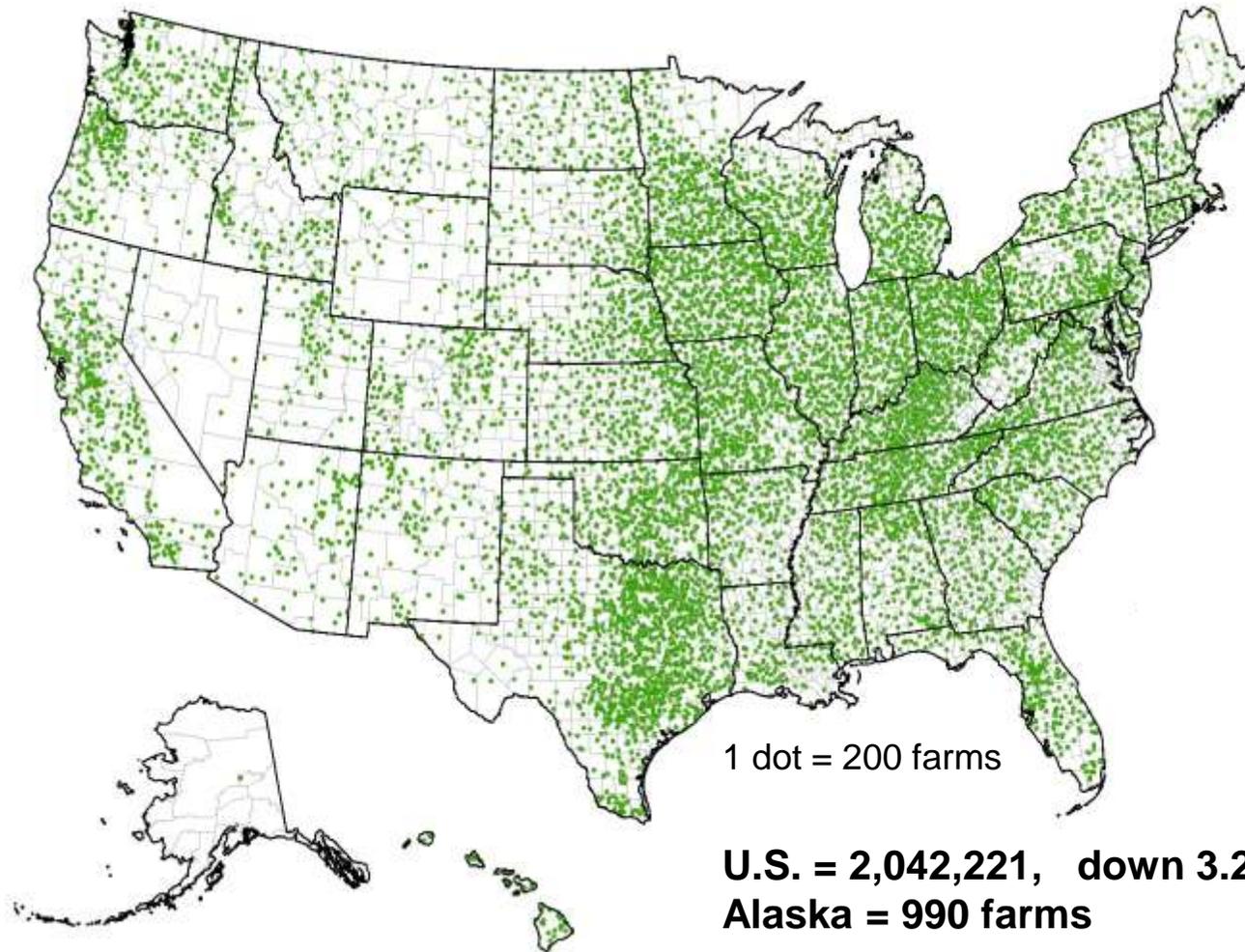
Number of Farms and Land in Farms, 1997-2017



	2012	2017	% change
Number of Farms			
	762	990	+29.9
Land in farms (thousand acres)			
	833.9	849.8	+1.9
Average farm size (acres)			
	1,094	858	-21.6

Number of Farms, 2017 & 2012

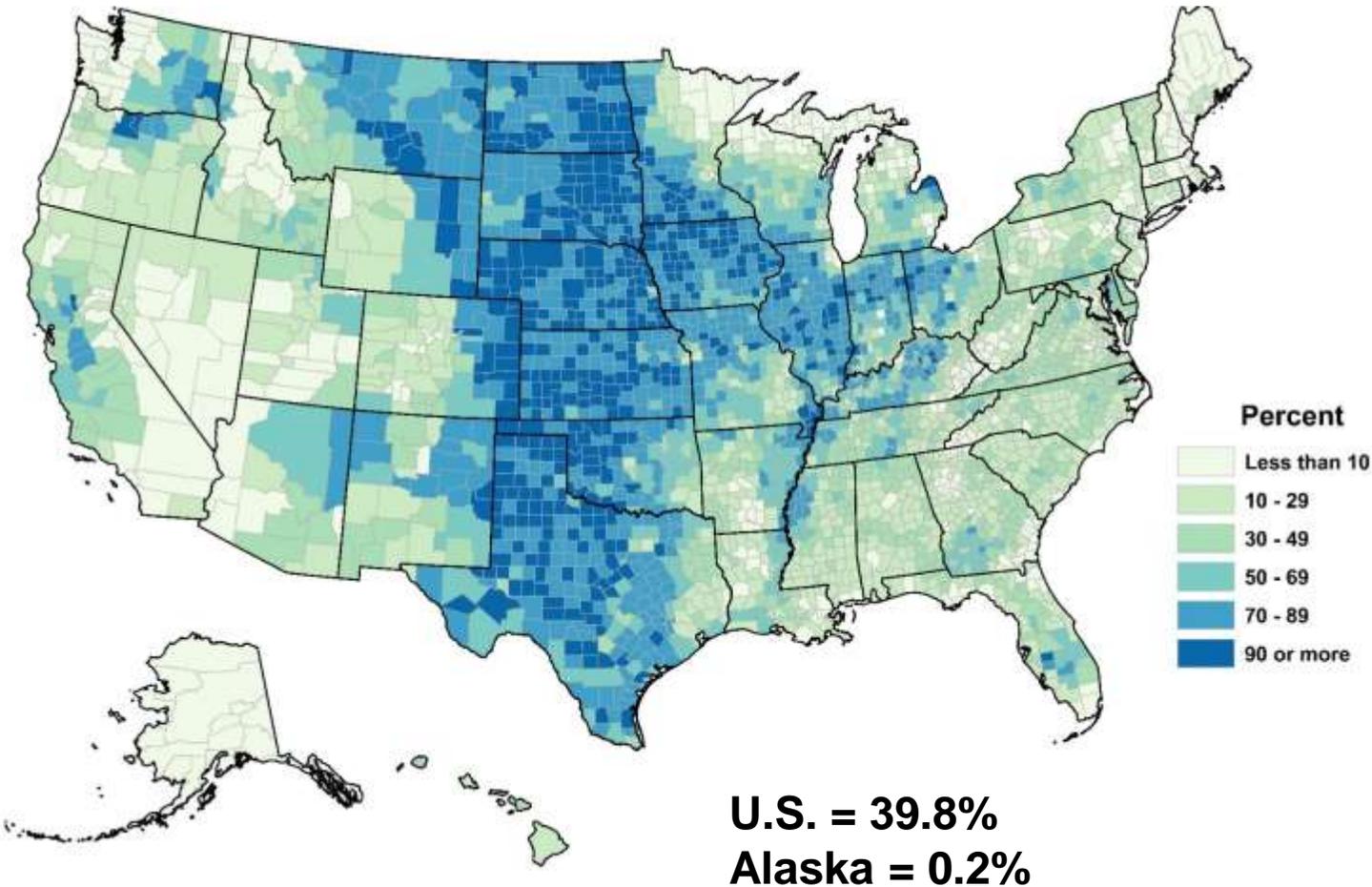
By County/Area



Top Area	2017	2012
Anchorage	350	291
Fairbanks North Star	274	217
Kenai Peninsula	260	162
Juneau	60	52
Aleutian Islands	46	40
State total	990	762

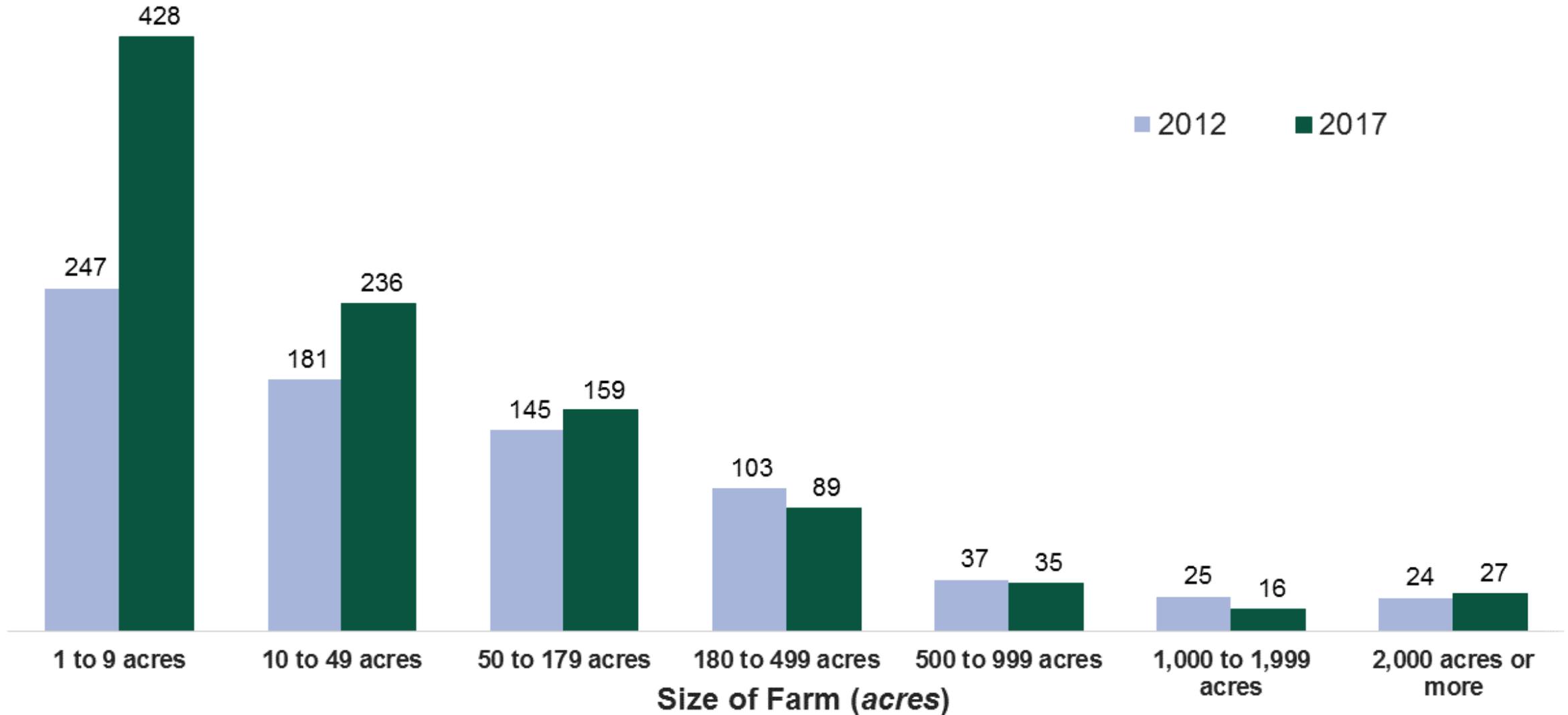
Land in Farms, 2017

As a Percent of Total, by County/Area



Type of Use	Acres (thousands)
Total	849.8
Permanent Pasture	714.4
Cropland	83.7
<i>Harvested Cropland</i>	31.9
Woodland	35.2
Other	16.5

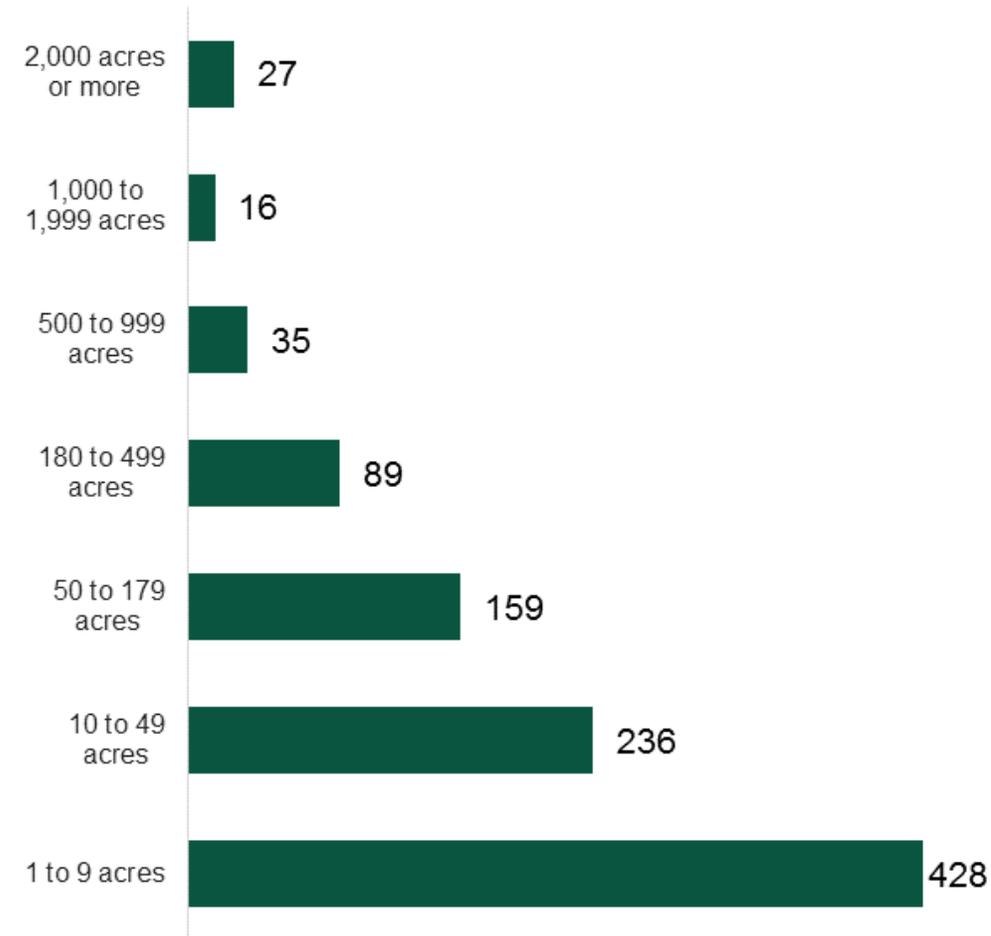
Number of Farms, by Size Category, 2012 and 2017



Number of Farms and Land in Farms, by Size Category, 2017

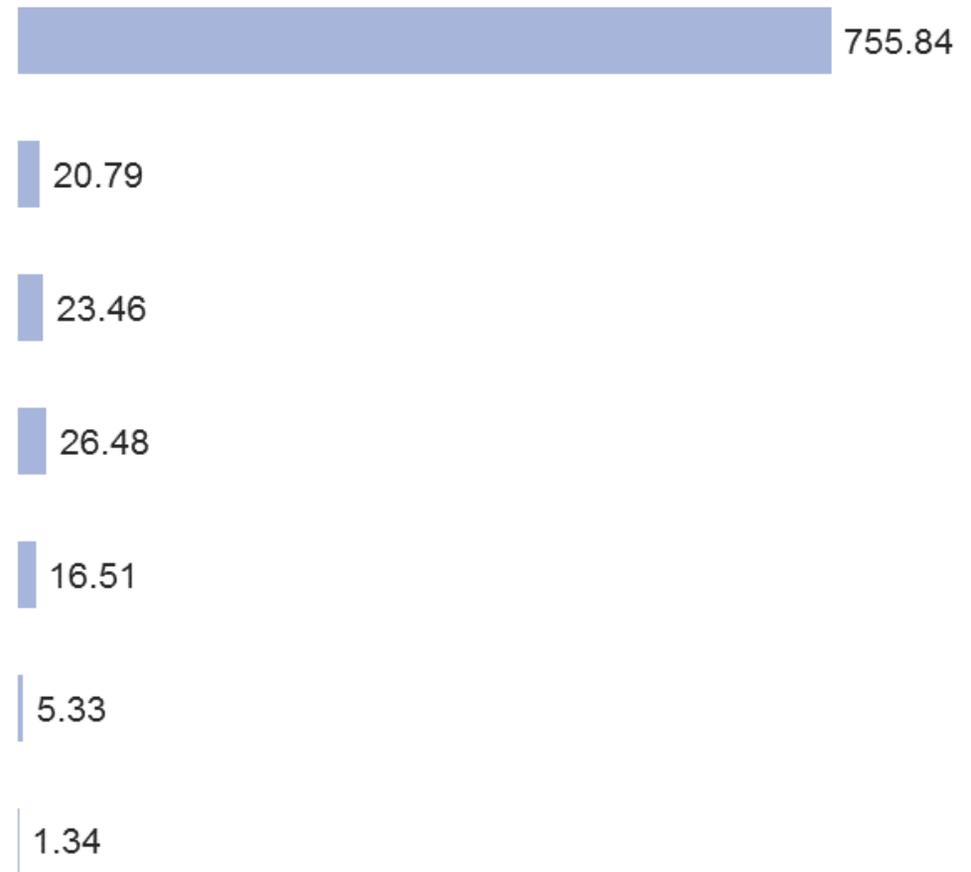
Number of Farms

Alaska Farms = 990



Land in Farms (thousand acres)

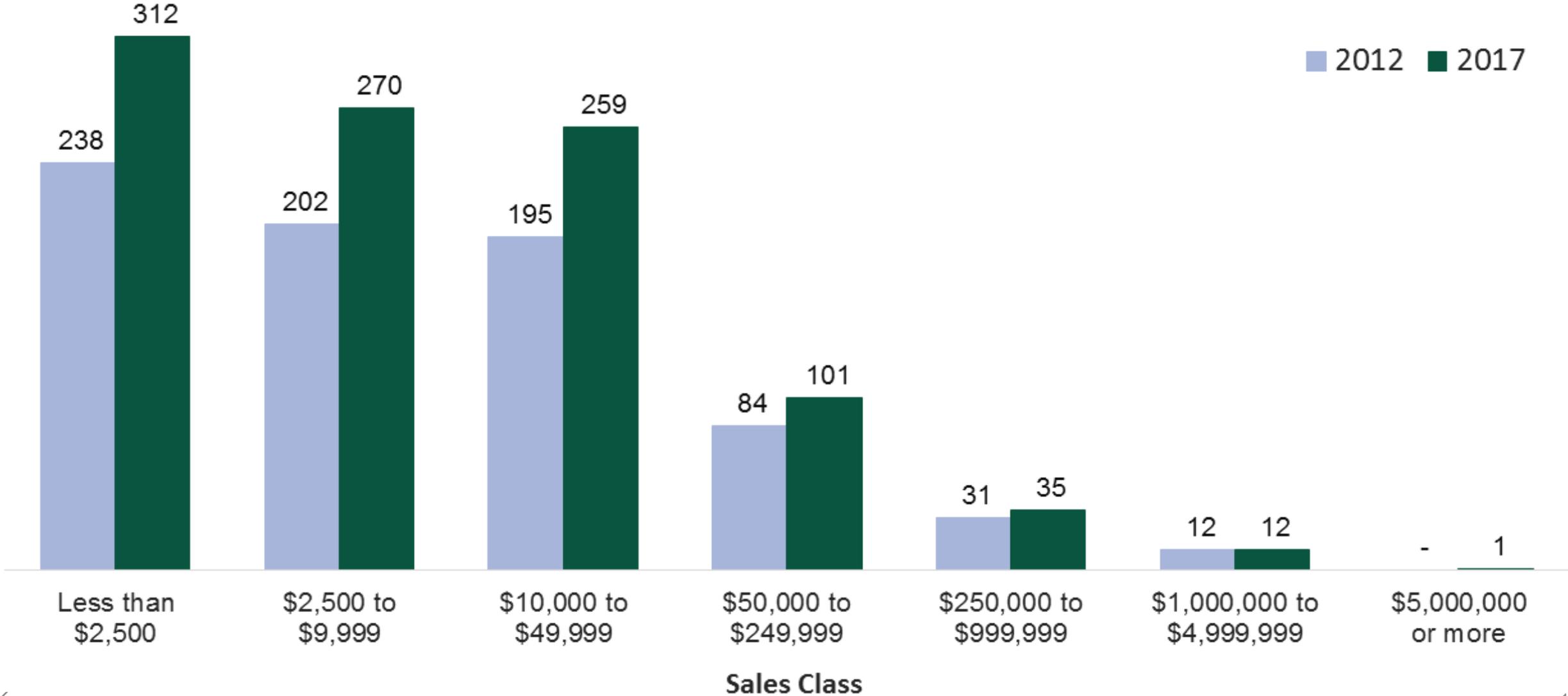
Alaska Land = 849.75



Economics

- Total Value of Agricultural Production
- Crop and Livestock Sales
- Farm Income

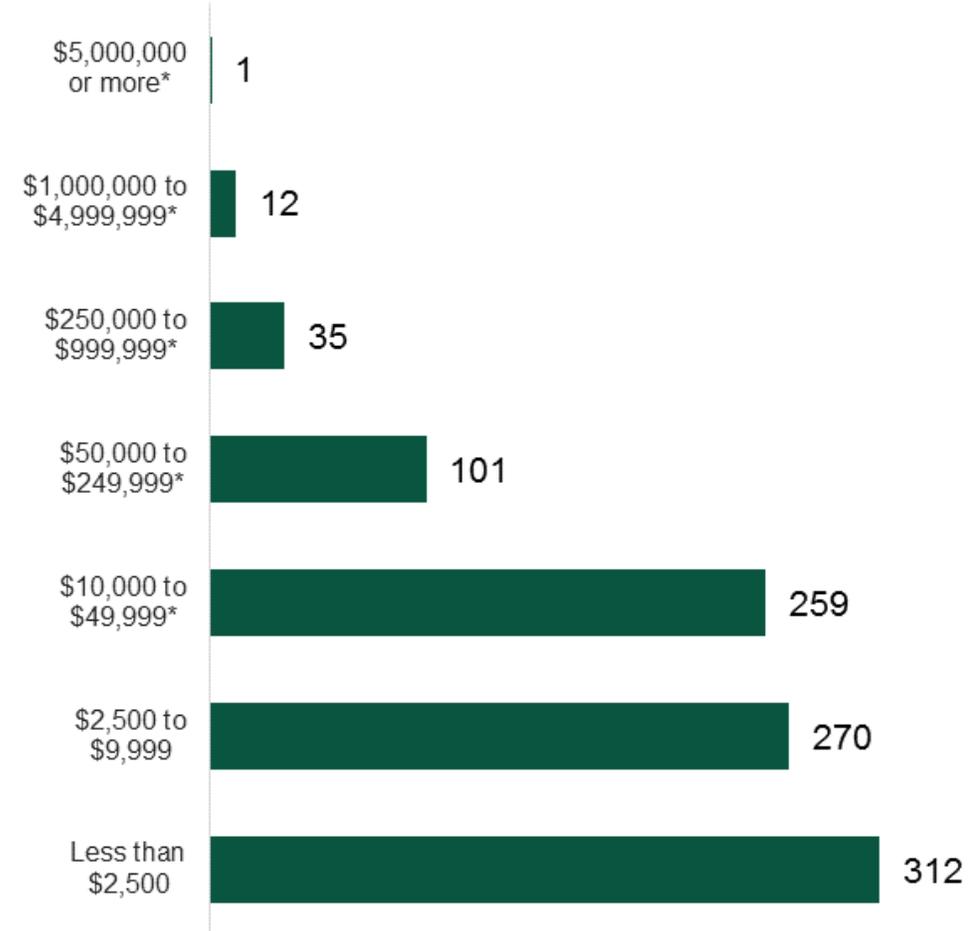
Number of Farms, by Sales Category, 2012 and 2017



Farms and Value of Production, by Sales Category, 2017

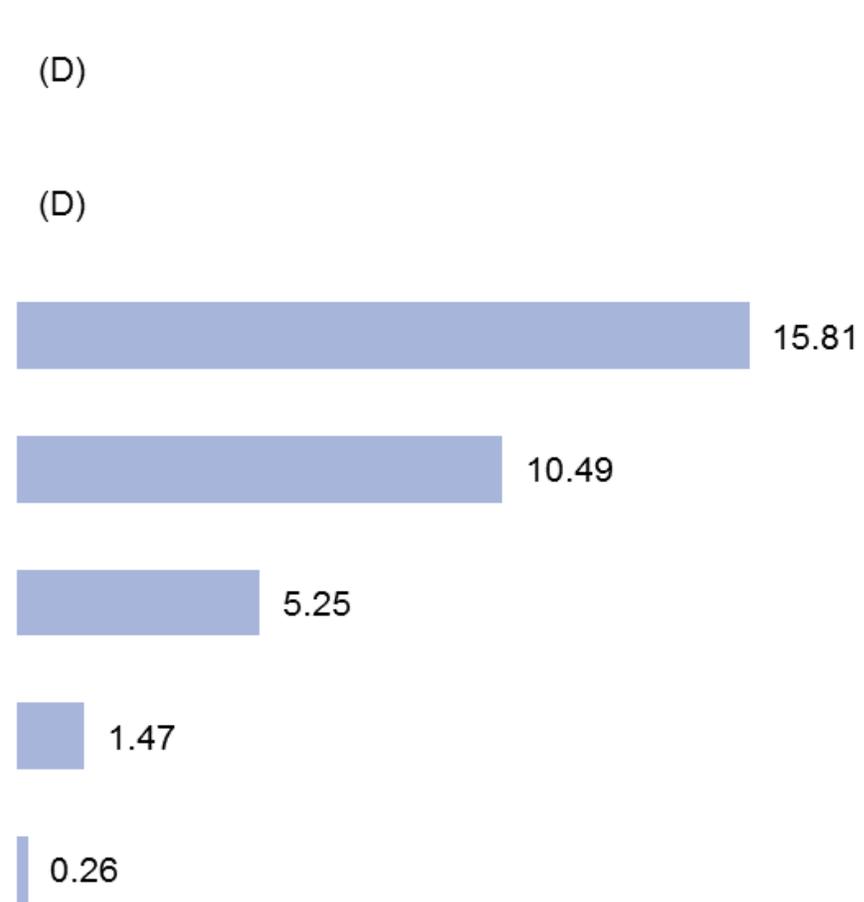
Number of Farms

Alaska Farms = 990



Value of Production (\$ millions)

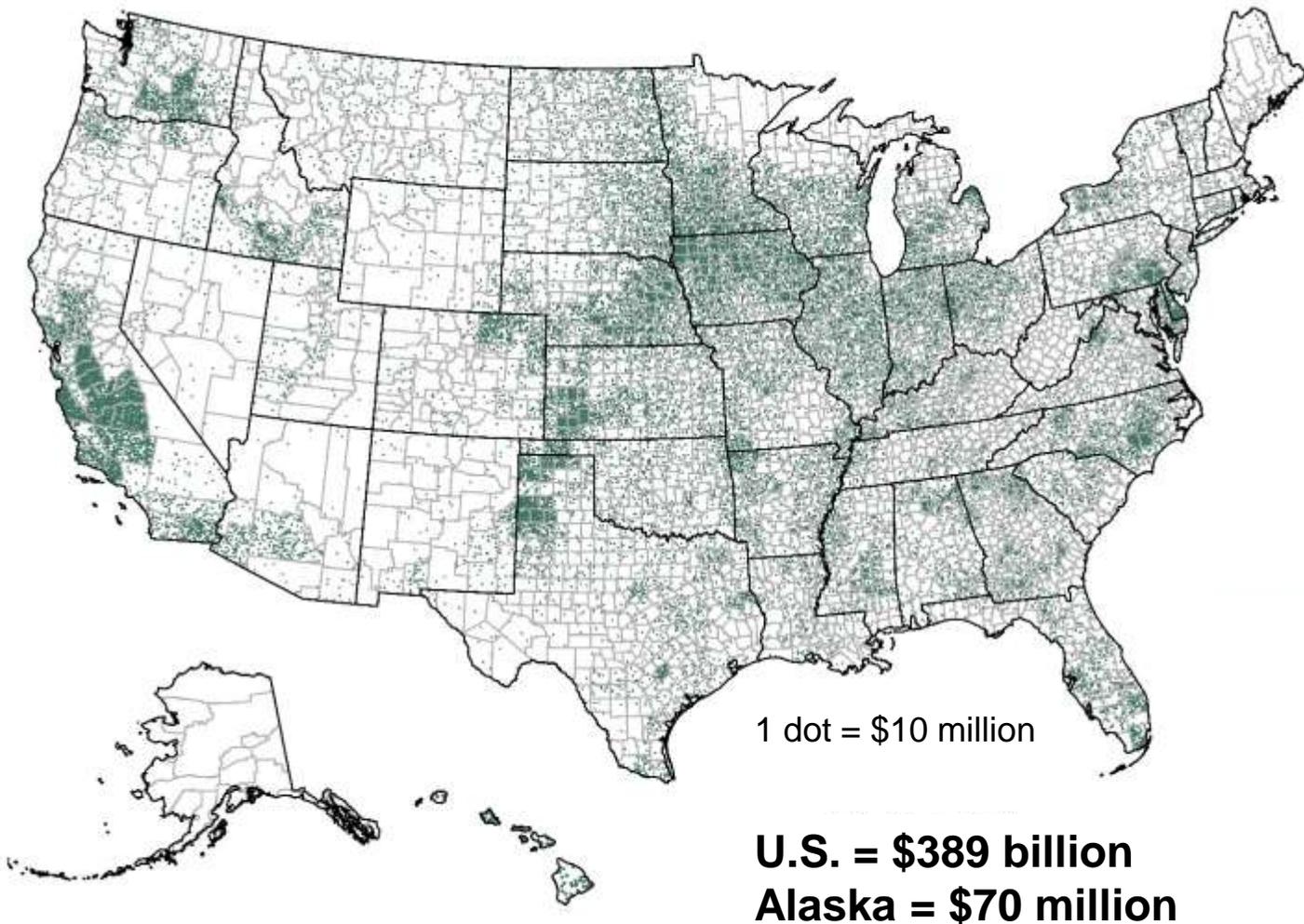
Alaska Value = 70.46



(D) – data withheld to avoid disclosing data for individual farms

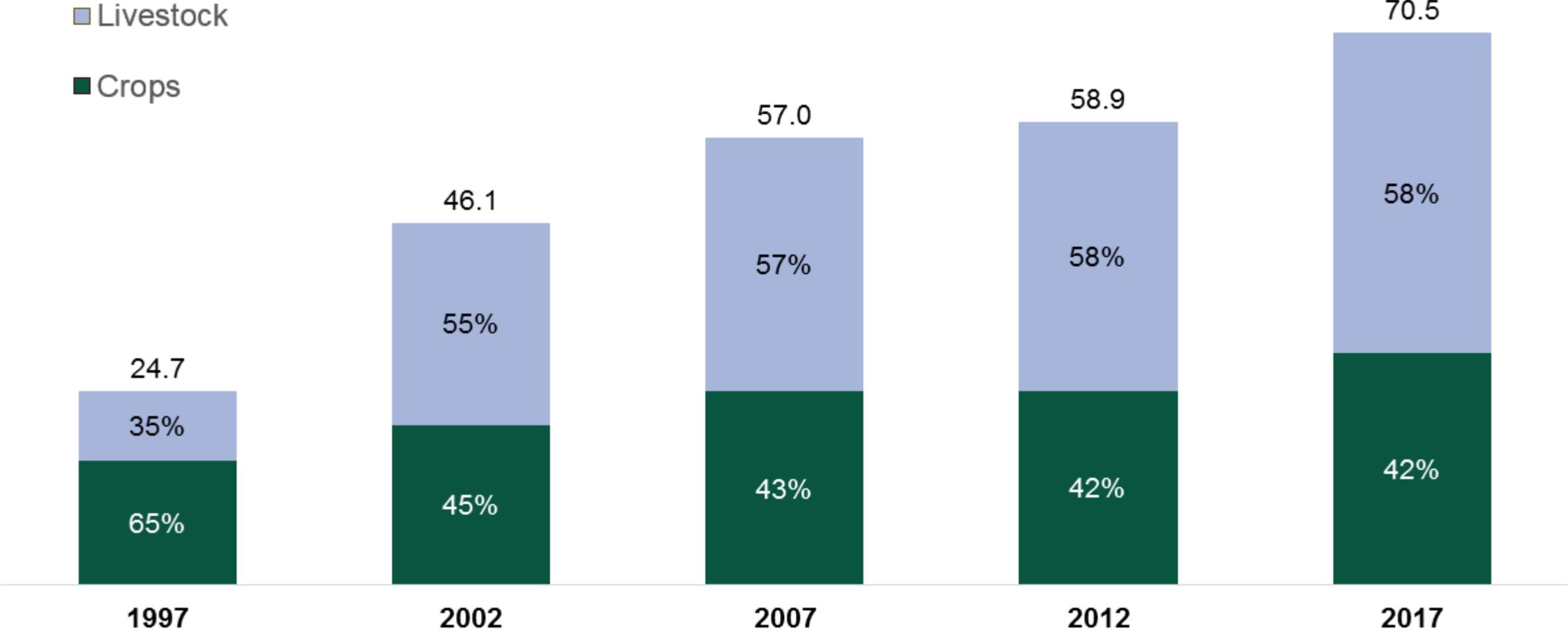
Total Value of Agricultural Production by Location, 2017

TVP by County



Top Counties	TVP (\$ millions)
Anchorage	38
Juneau	14
Fairbanks North Star	10
Kenai Peninsula	5
Aleutian Islands	3

Value of Production, Crops and Livestock, 1997 - 2017 (\$ millions)



Ranking of Market Value of Ag Products Sold, 2017

Item	Farms	Sales (\$1,000)	Rank by Sales	Percent of Total Sales
Total sales	990	70,459	(X)	100.0
Aquaculture	53	35,157	1	49.9
Nursery, greenhouse, floriculture, and sod	351	16,874	2	23.9
Vegetables, potatoes	268	5,925	3	8.4
Other crops and hay	183	(D)	4	(D)
Cattle and calves	86	2,234	5	3.2
Other animals and other animal products	114	(D)	6	(D)
Grains, oilseeds, dry beans , dry peas	25	815	7	1.2
Hogs and pigs	61	756	8	1.1
Poultry and eggs	177	(D)	9	(D)

(D) – data withheld to avoid disclosing data for individual farms

Selected Farm Production Expenses, 2017

Alaska Total = \$63,833,000

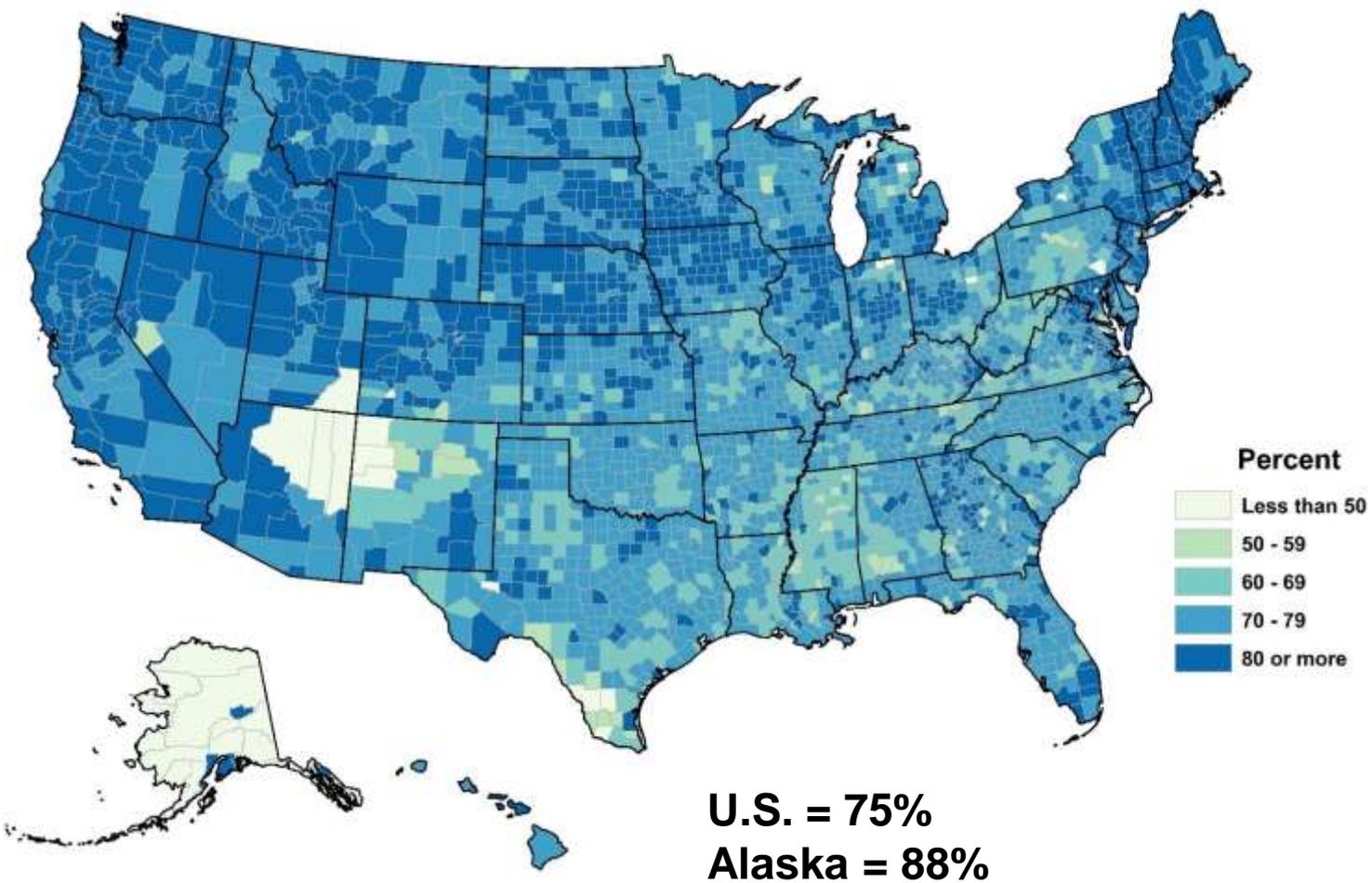
Farm Expenses	
Feed	\$6,950,000
Livestock purchased	\$845,000
Hired labor	\$25,291,000
Fertilizer	\$3,173,000
Cash rents	\$447,000
Seeds	\$2,706,000
Supplies and repairs	\$5,093,000
Chemicals	\$321,000
Fuels	\$3,593,000
Interest	\$1,215,000
Other	\$4,512,000

Farm Income and Expenses, 2012 and 2017 (\$ thousands)

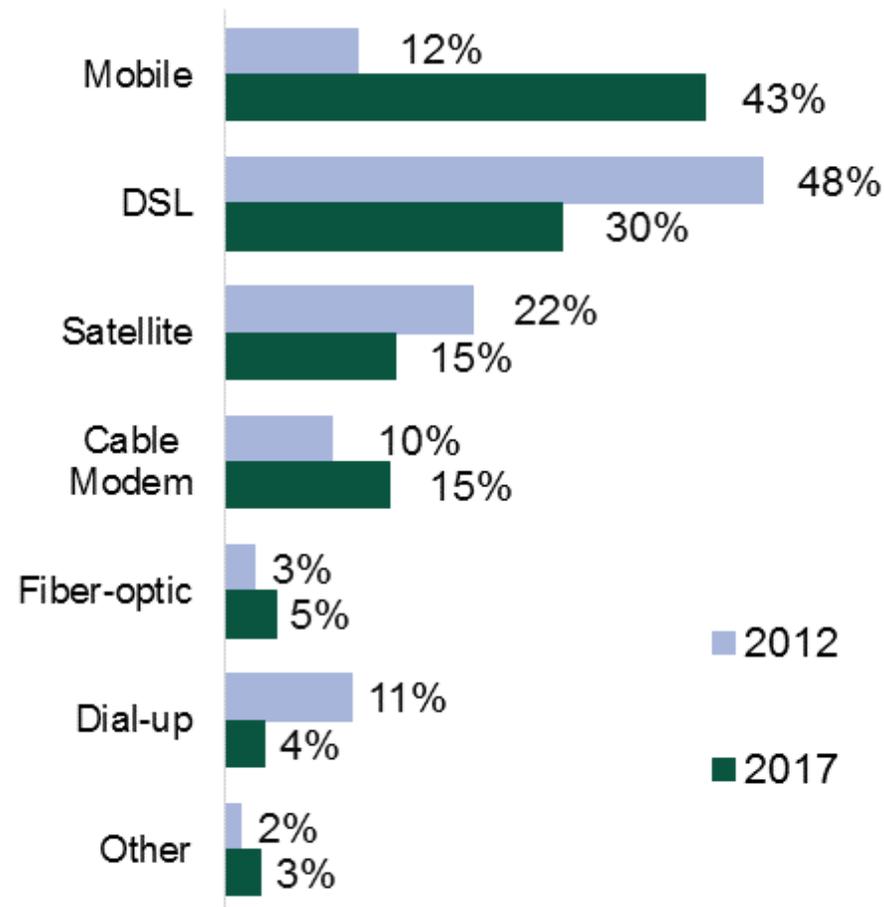
	2012	2017	% change
Value of ag products sold	58,925	70,459	+20
Government payments	2,432	2,091	-14
Farm-related income	3,150	5,674	+80
Production expenses	55,918	63,833	+14
Net income	8,589	14,392	+68
Per farm average net income (dollars)	\$11,271	\$14,537	+29

Farms with Internet Access

As a Percent of Total, by County/Area, 2017



By Type, 2012 and 2017 (percent)

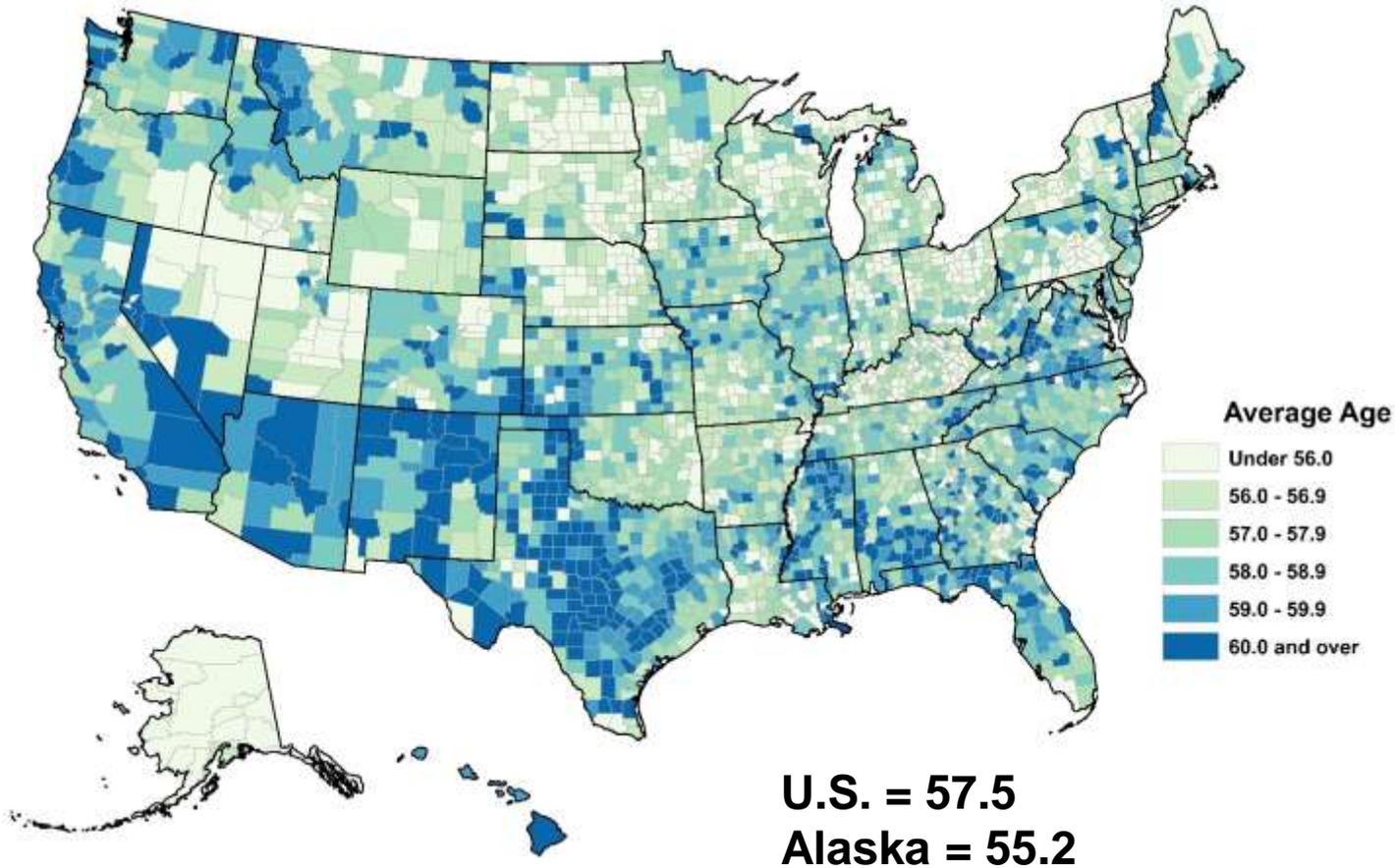


Demographics of Farm Producers

- Average Age of Producers
- Young Producers
- New and Beginning Producers
- Producers with Military Service
- Farm and Producer Characteristics by Sex/Race/Ethnicity

Average Age of Producers

All Producers, by County/Area, 2017

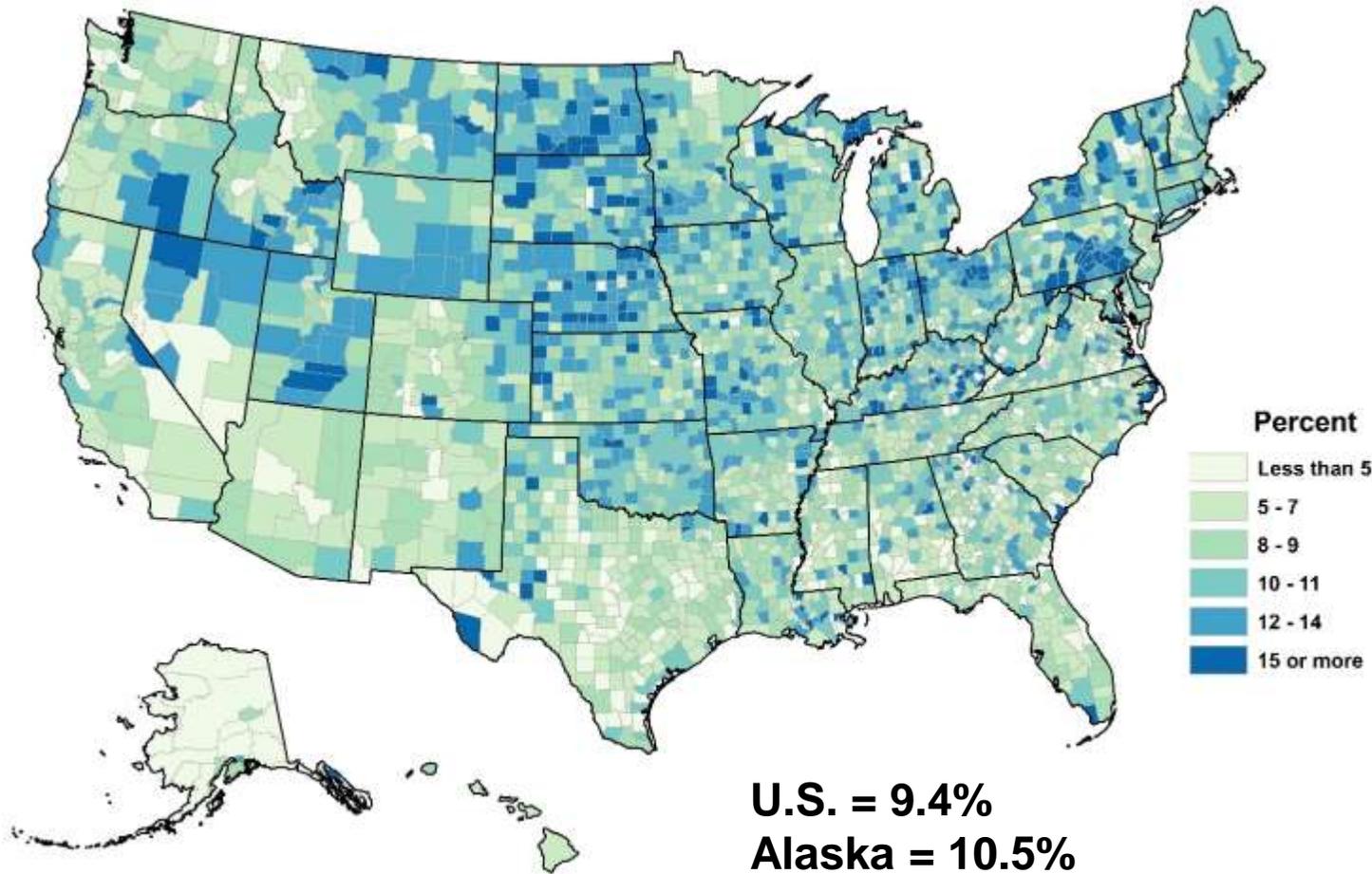


All Producers, 2007 - 2017

2007	53.8
2012	55.1
2017	55.2

Young Producers (Age 35 years or less), 2017

As a Percent of All, by County/Area



Producers

	Young	All
Number	181	1,718
Average age	31.1	55.2

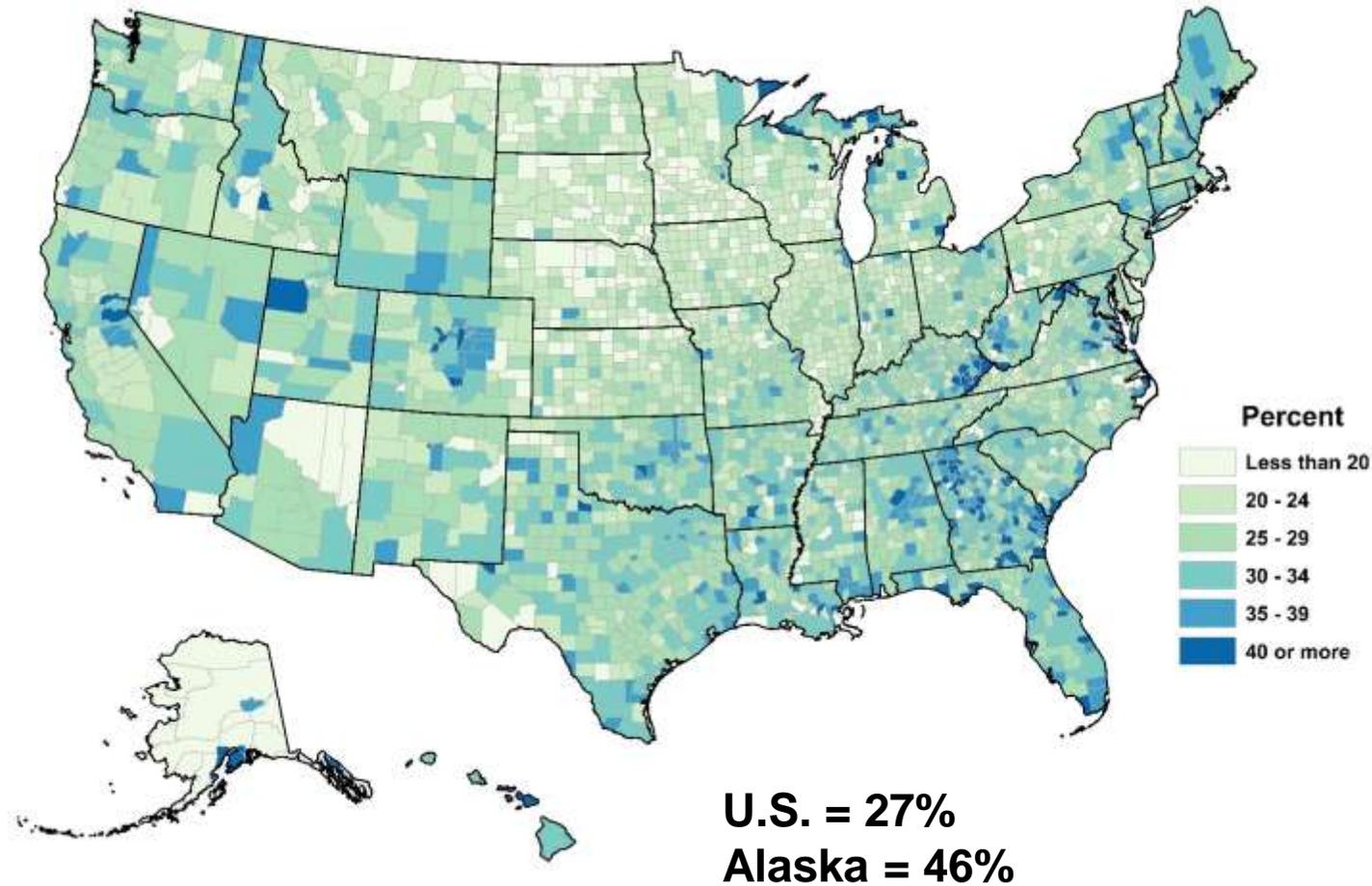
Farms

Number	120	990
Average farm size (acres)	(D)	858
Average TVP	\$189,958	\$71,171

(D) – data withheld to avoid disclosing data for individual farms

New and Beginning Producers (10 years or less on any farm), 2017

As a Percent of All, by County/Area



Producers

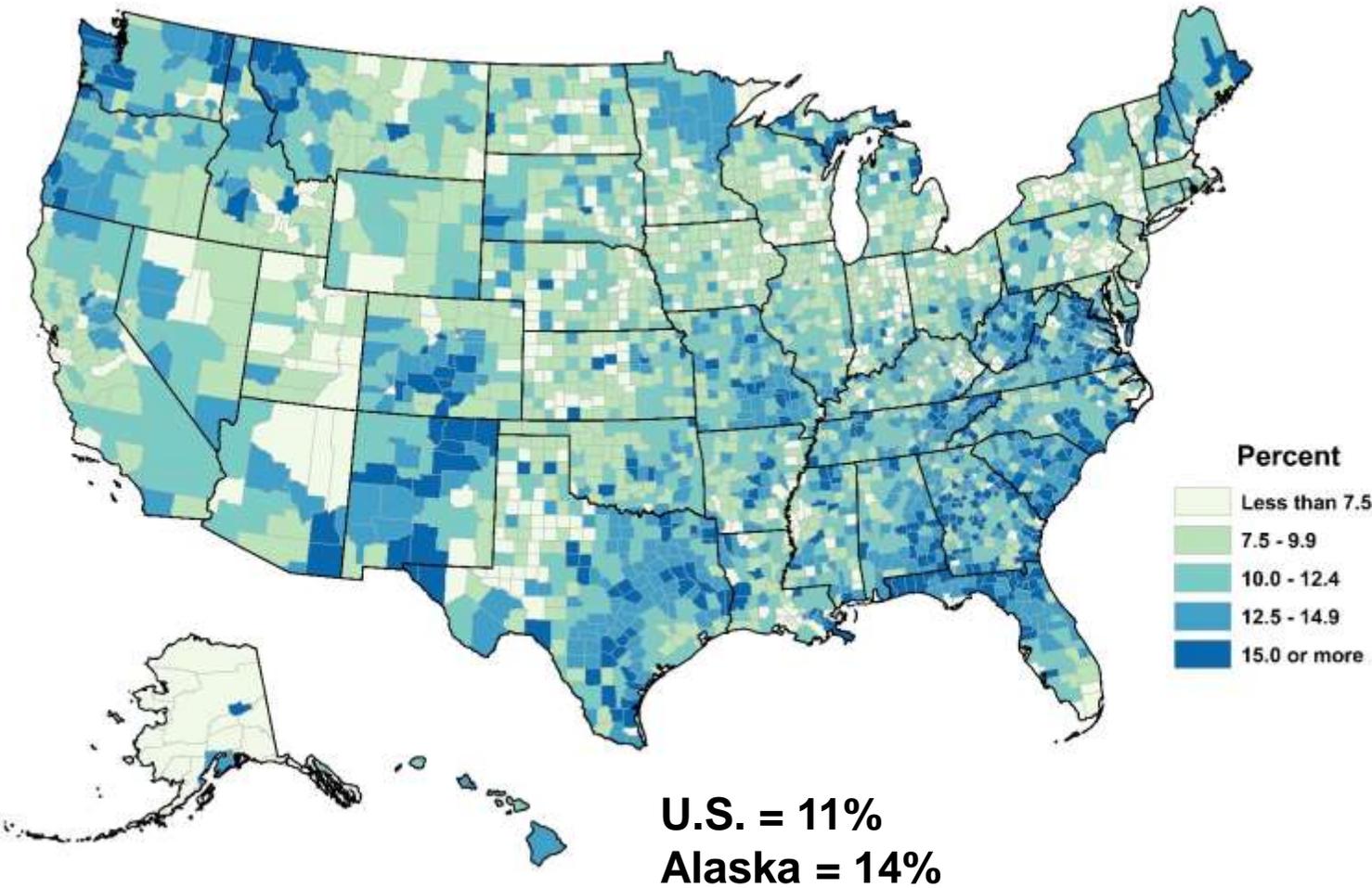
	New and Beginning	All
Number	787	1,718
Average age	48.9	55.2

Farms

Number	464	990
Average farm size (acres)	675	858
Average TVP	\$75,478	\$71,171

Producers with Military Service, 2017

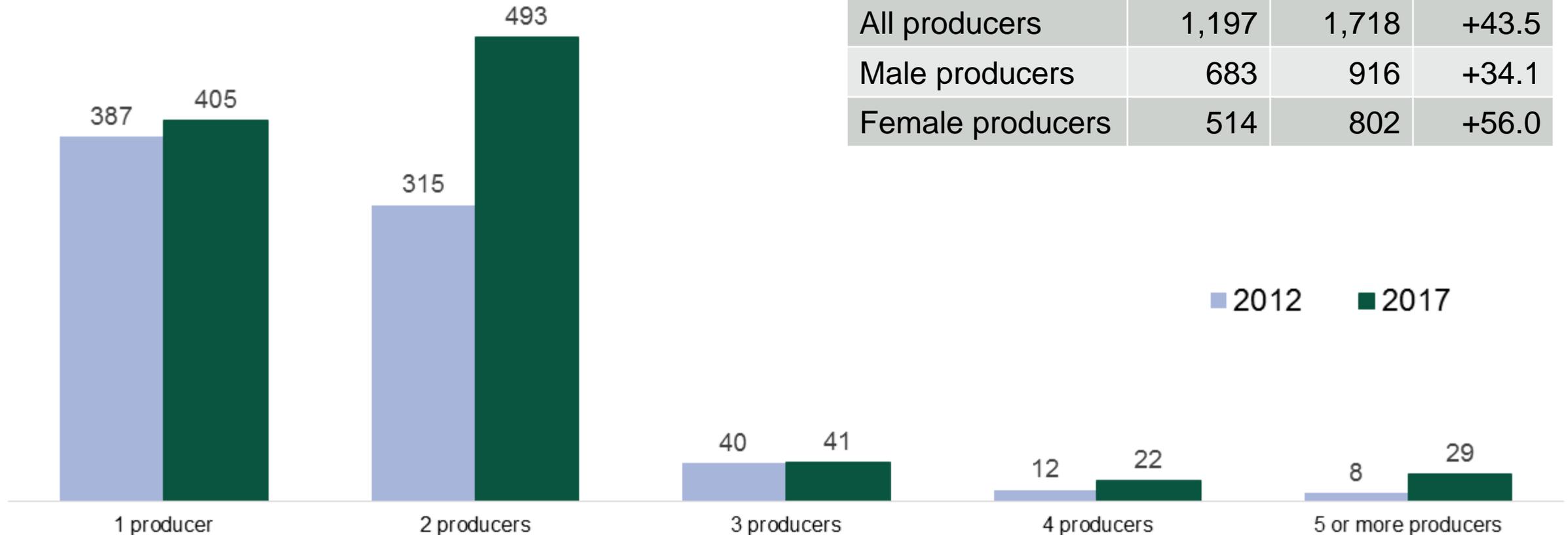
As a Percent of All, by County/Area



Producers		
	With Military Service	All
Number	235	1,718
Average age	62.3	55.2
Farms		
Number	222	990
Average farm size (acres)	136	858
Average TVP	\$105,455	\$71,171

Farm Structure, 2012 and 2017

Farms by Number of Producers



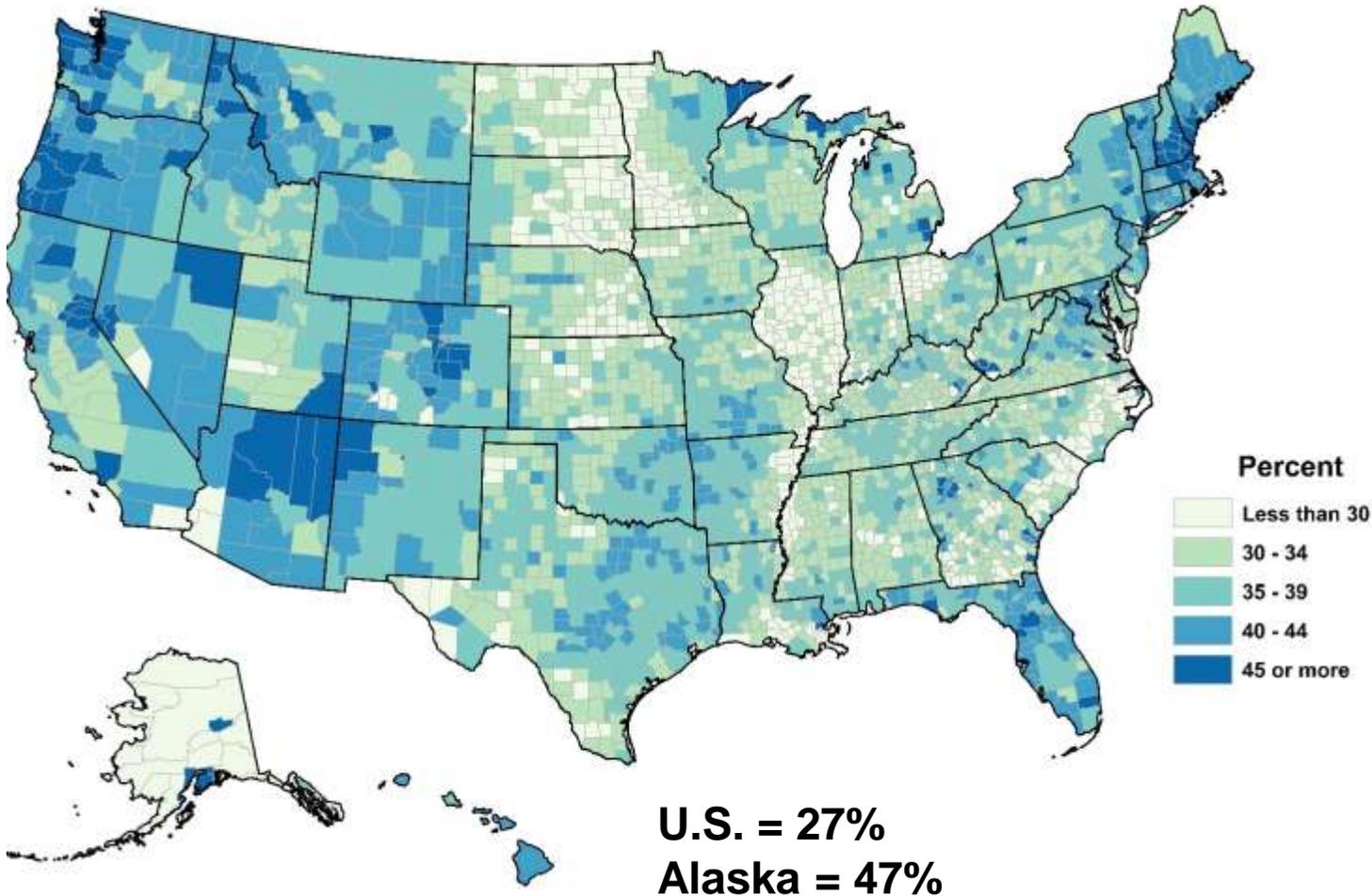
Producers by Sex

	2012	2017	% change
All producers	1,197	1,718	+43.5
Male producers	683	916	+34.1
Female producers	514	802	+56.0

■ 2012 ■ 2017

Producers by Sex, 2017

Female Producers as a Percent of Total



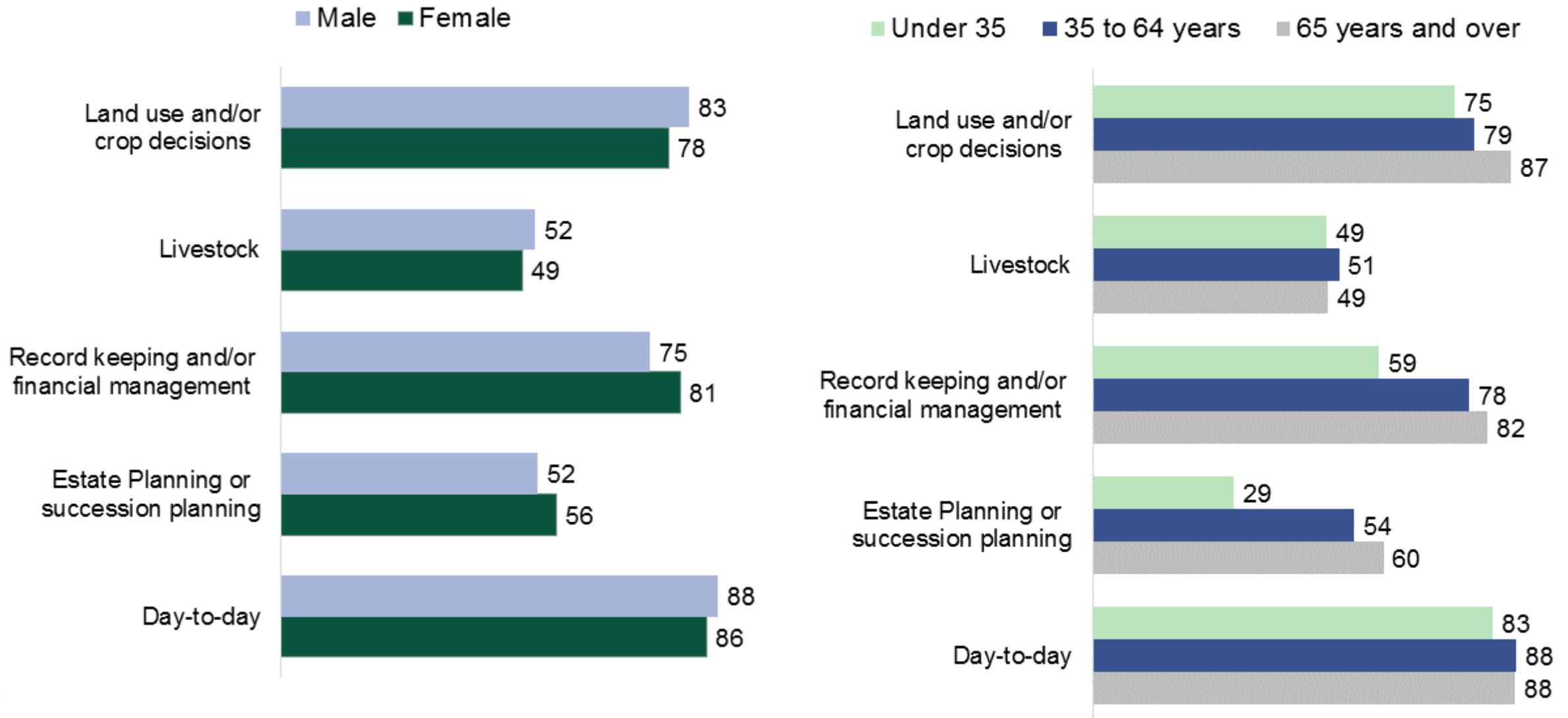
Producers		
	Female	Male
Number	802	916
Average age	53.6	56.5
Farms		
Number	715	813
Average farm size (acres)	687	691
Average TVP	\$44,778	\$82,047

Characteristics by Ethnicity and Race, 2017

Producers						
	Hispanic	American Indian or Alaska Native	Asian	Black	Native Hawaiian or Pacific Islander	White
Number	38	88	17	7	2	1,634
Average age	44.4	52.8	(D)	58.1	(D)	55.3
Farms						
Number	36	74	14	7	2	967
Average farm size (acres)	71	4,379	35	(D)	(D)	547
Average TVP	(D)	\$30,473	(D)	(D)	(D)	\$72,394

(D) – data withheld to avoid disclosing data for individual farms

Producer Decision Making, by Sex and Age, 2017 (percent)



Upcoming Census Releases

Release Date	Release Title
April 11	Market Value of Ag Products Sold Rankings
May 30	State & County Profiles
June 26	Congressional District Profiles
June 26	Congressional District Rankings
July 25	Watersheds
August 26	American Indian Reservations
September 18	Zip Code Tabulations
October 1	Race, Ethnicity & Gender Profiles
November 13	2018 Irrigation and Water Management Survey
December 5	Specialty Crops
December 19	2018 Census of Aquaculture



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