



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) | |

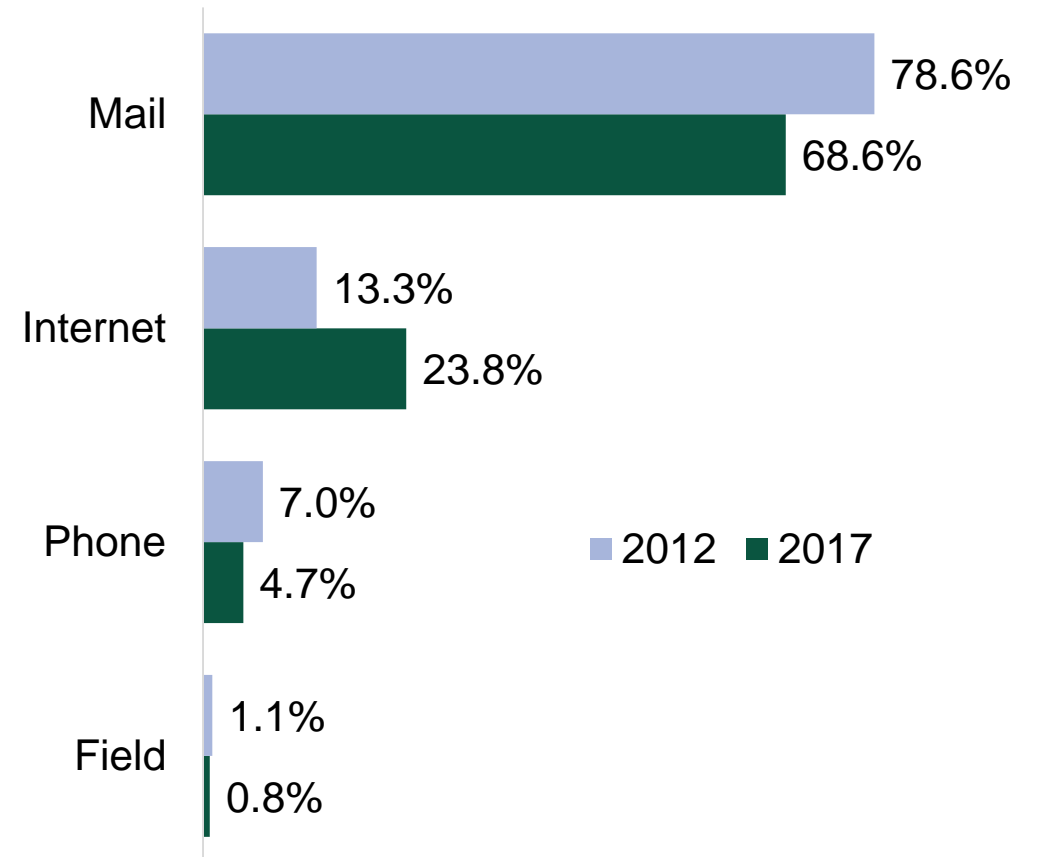
Census Data Collection

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)



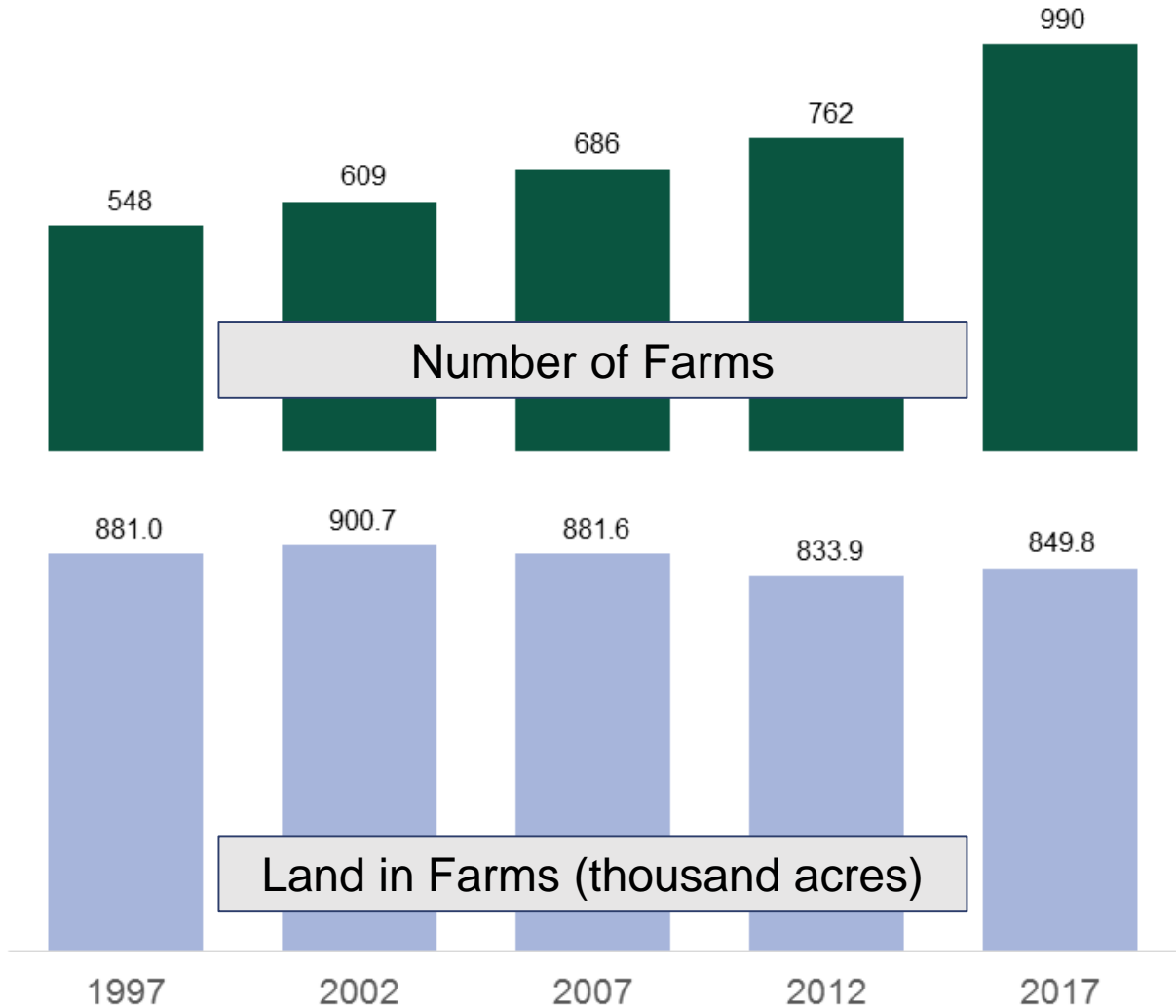
Farms and Land in Farms

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.

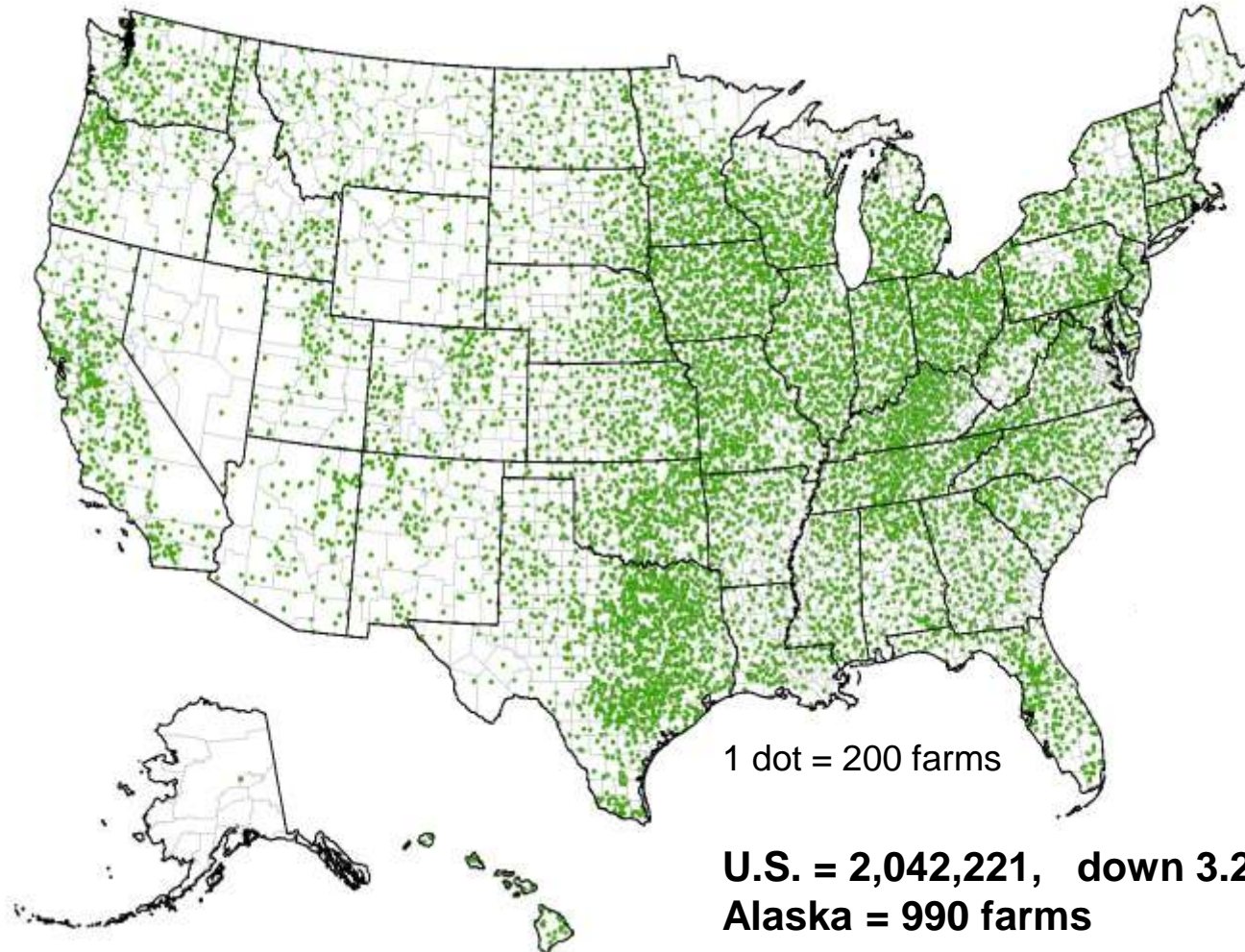
Number of Farms and Land in Farms, 1997-2017



| | 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

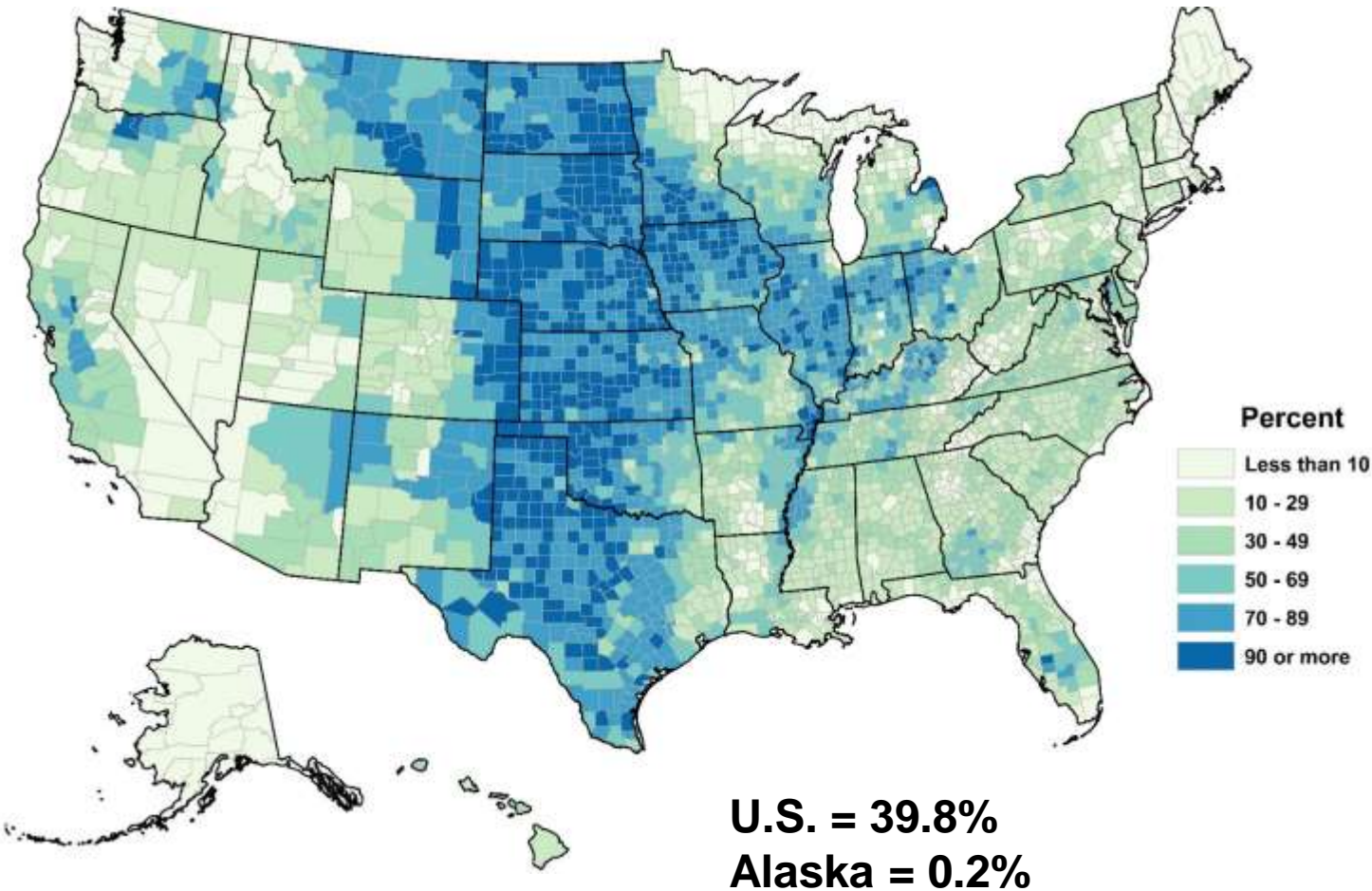
By County/Area



| 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 |

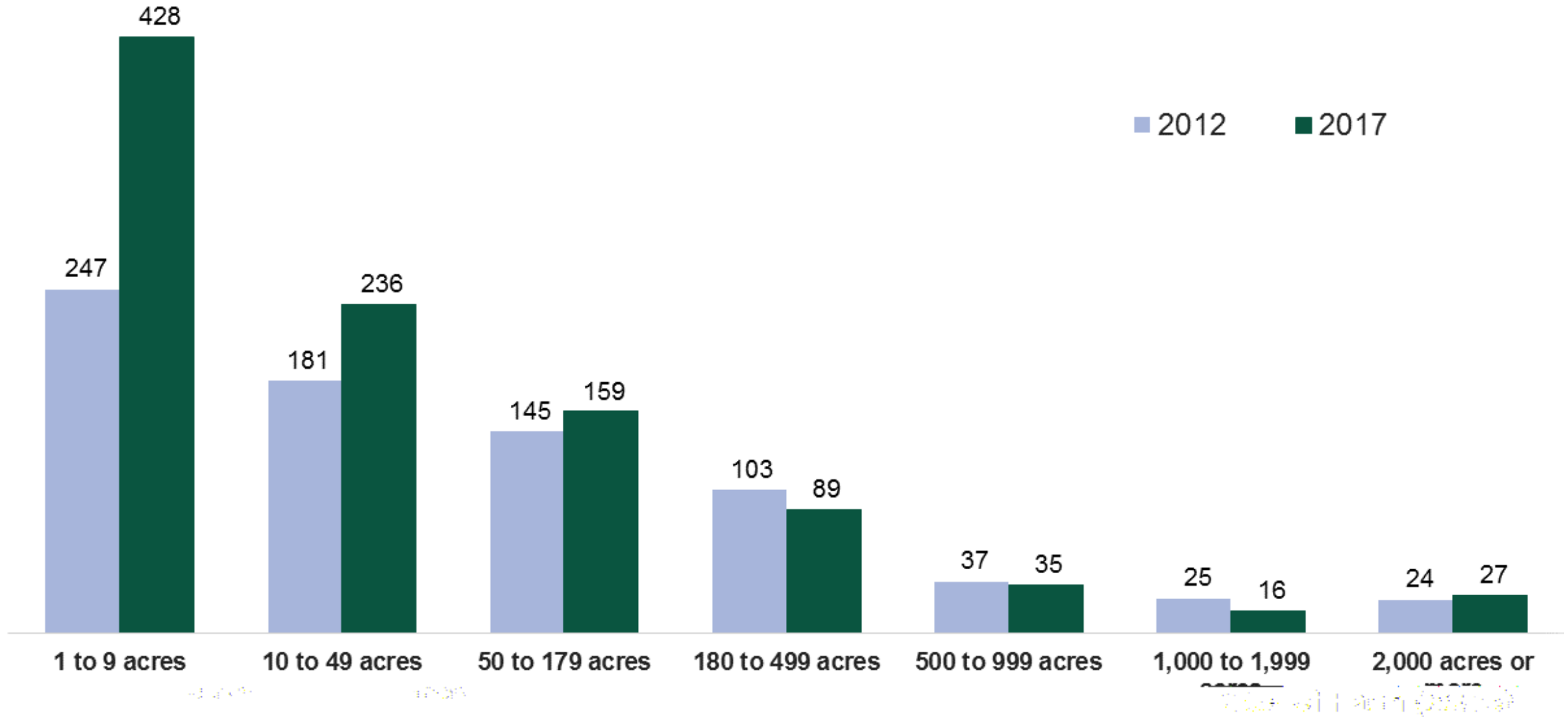
Land in Farms, 2017

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 |

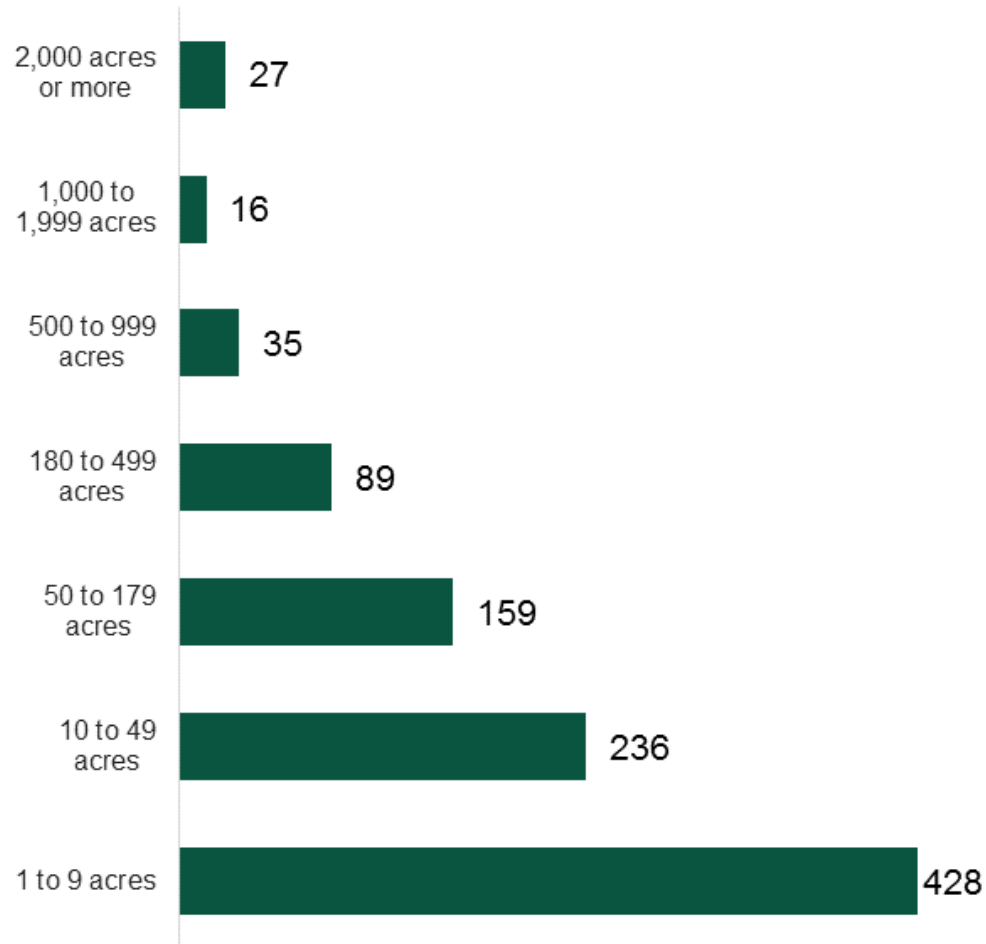
Number of Farms, by Size Category, 2012 and 2017



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

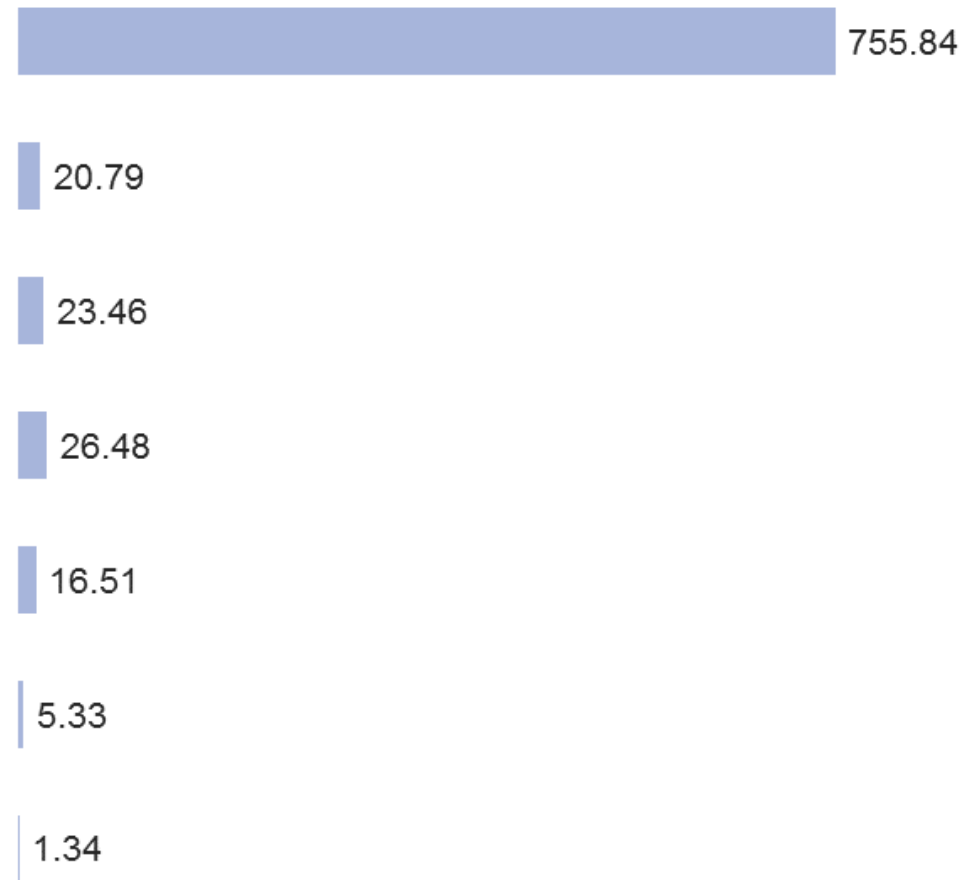
Number of Farms

Alaska Farms = 990



Land in Farms (thousand acres)

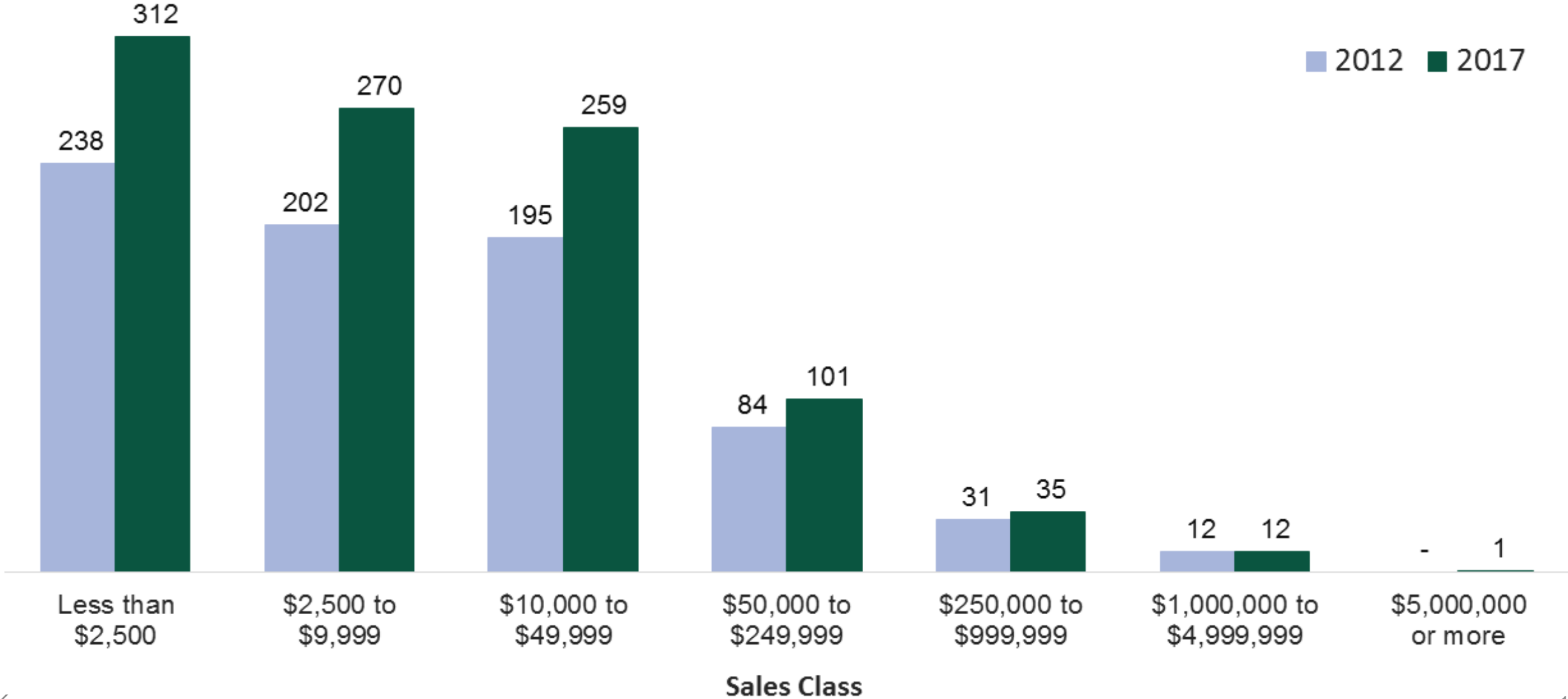
Alaska Land = 849.75



Economics

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

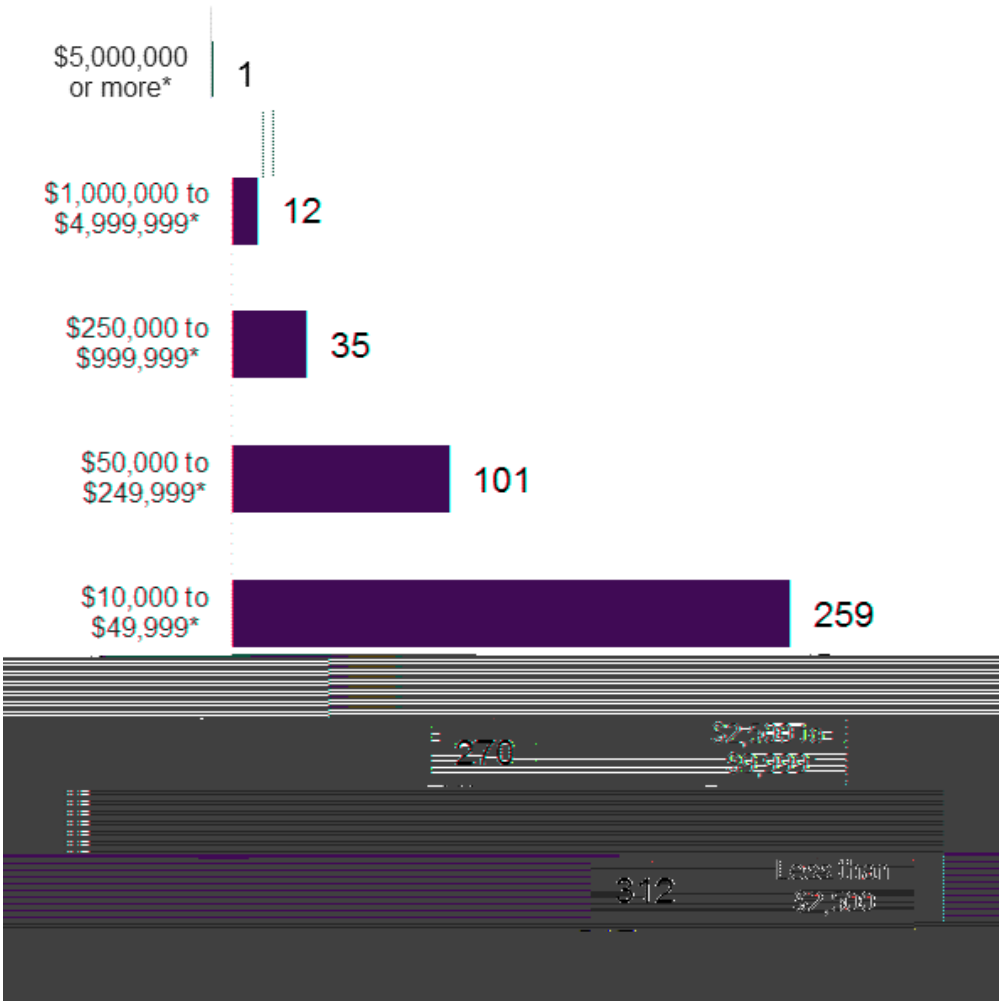
Number of Farms, by Sales Category, 2012 and 2017



Farms and Value of Production, by Sales Category, 2017

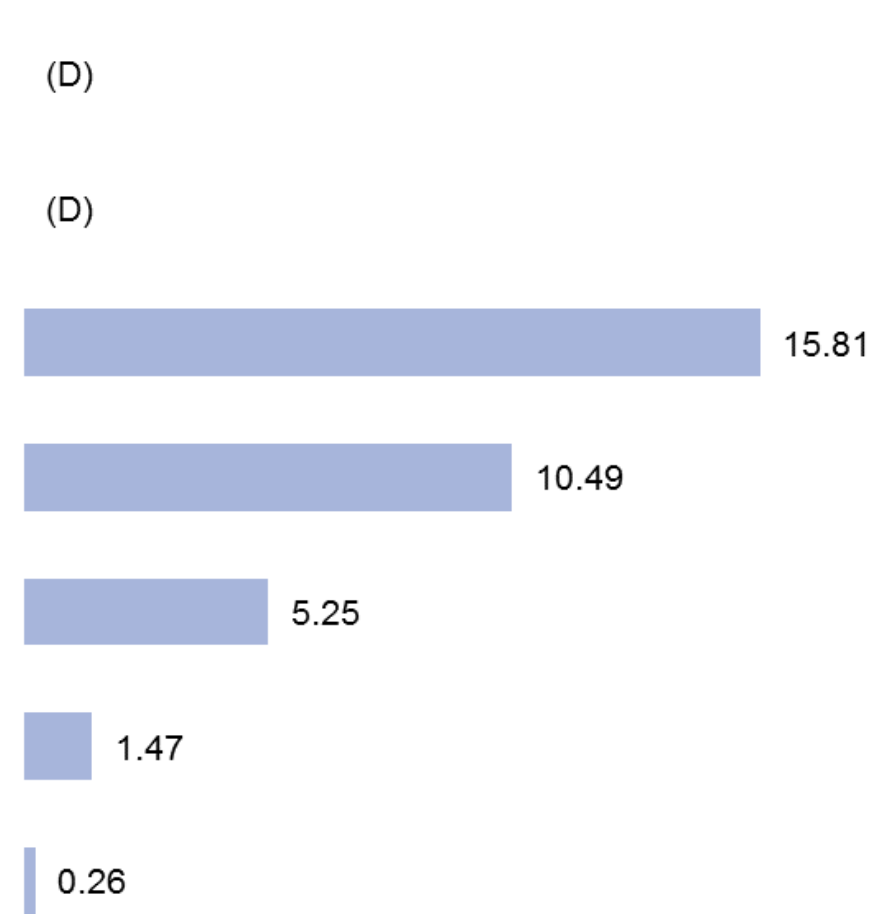
Number of Farms

Alaska Farms = 990



Value of Production (\$ millions)

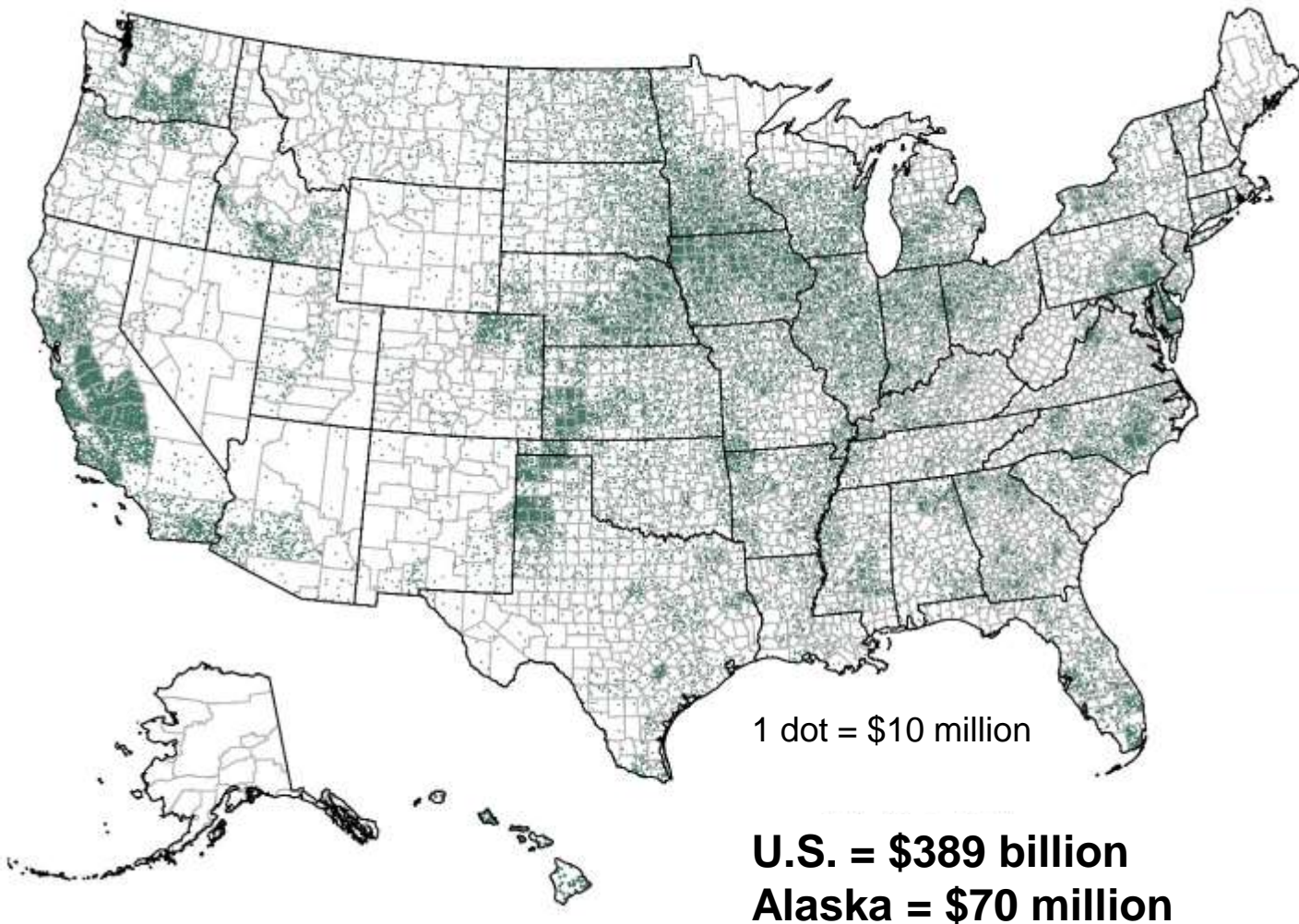
Alaska Value = 70.46



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

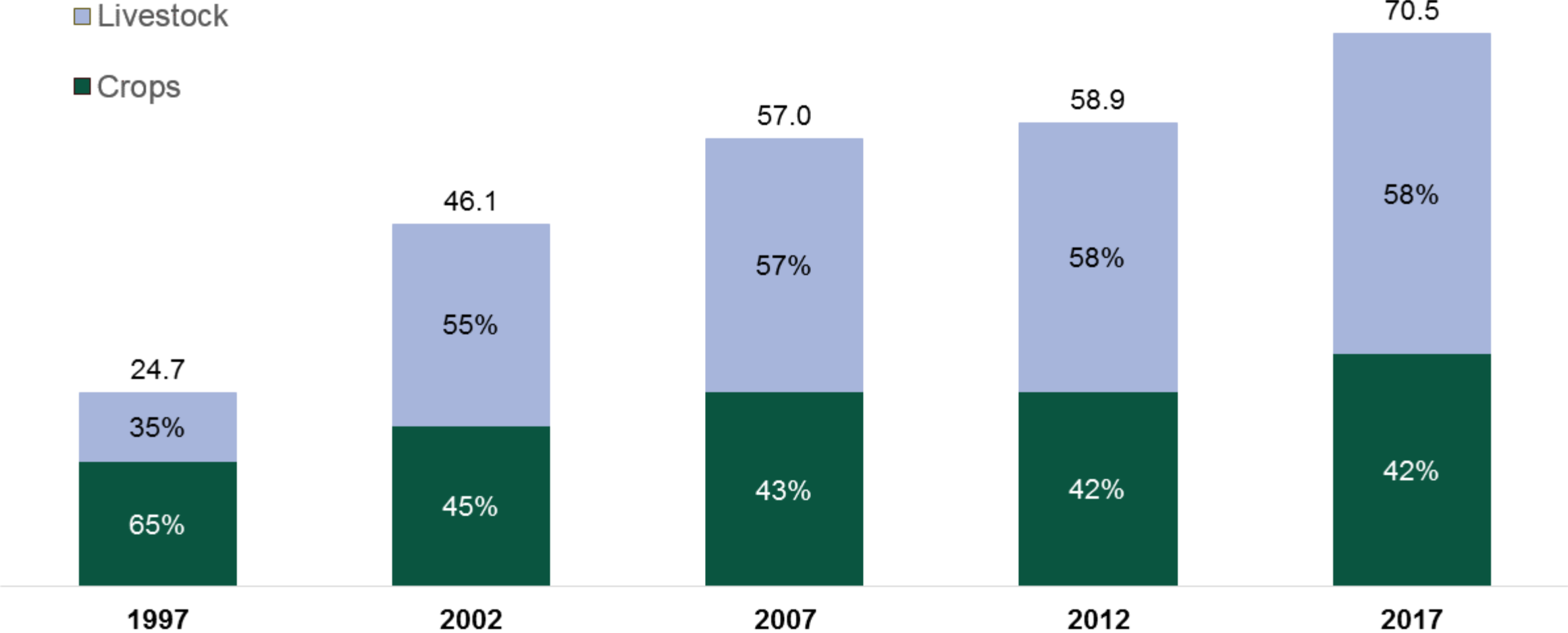
Total Value of Agricultural Production by Location, 2017

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

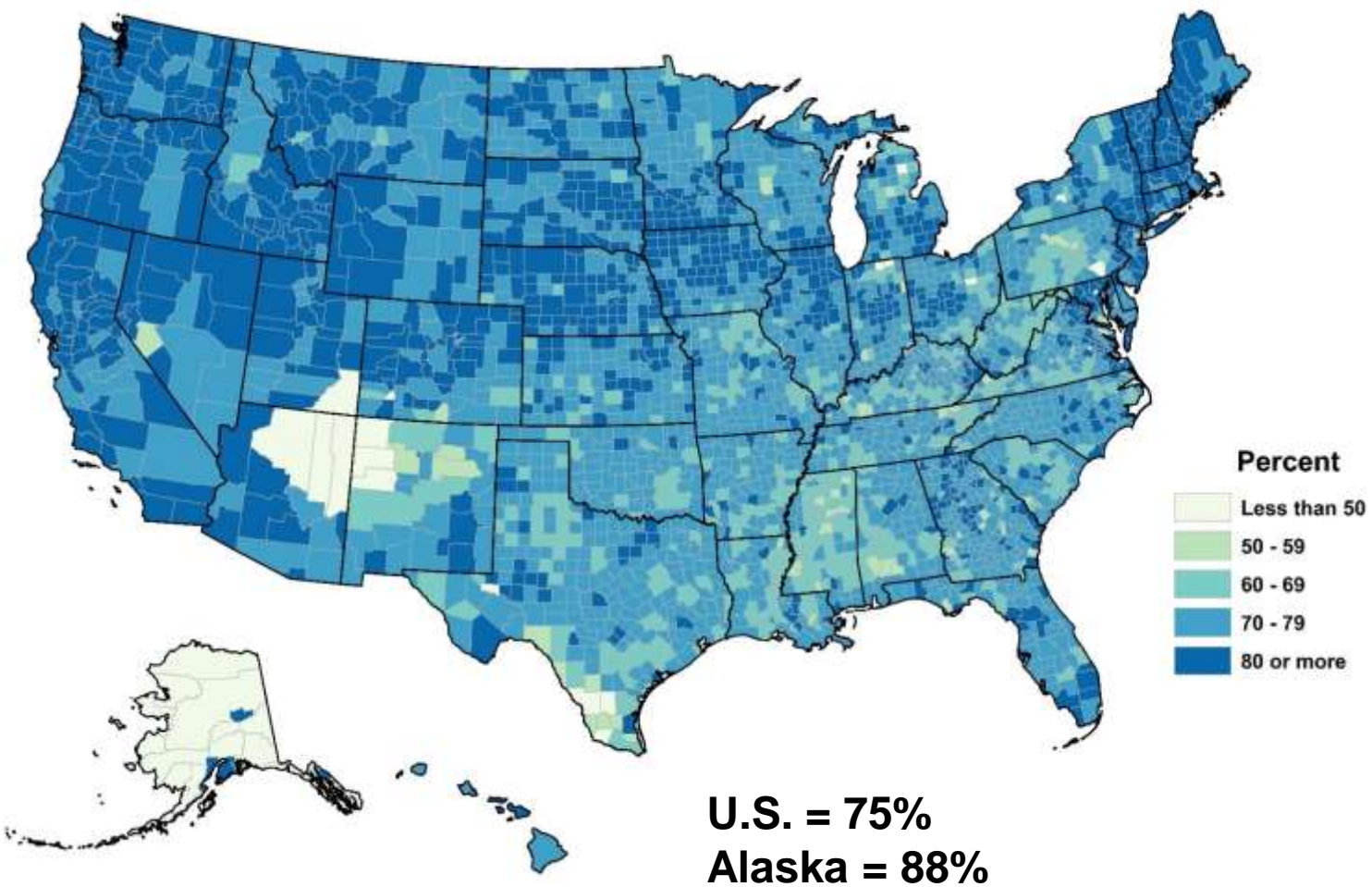
| Farm Expenses | |
|----------------------|--------------|
| Feed | \$6,950,000 |
| Livestock purchased | \$845,000 |
| Hired labor | \$25,291,000 |
| Fertilizer | \$3,173,000 |
| Cash rents | \$447,000 |
| Seeds | \$2,706,000 |
| Supplies and repairs | \$5,093,000 |
| Chemicals | \$321,000 |
| Fuels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

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

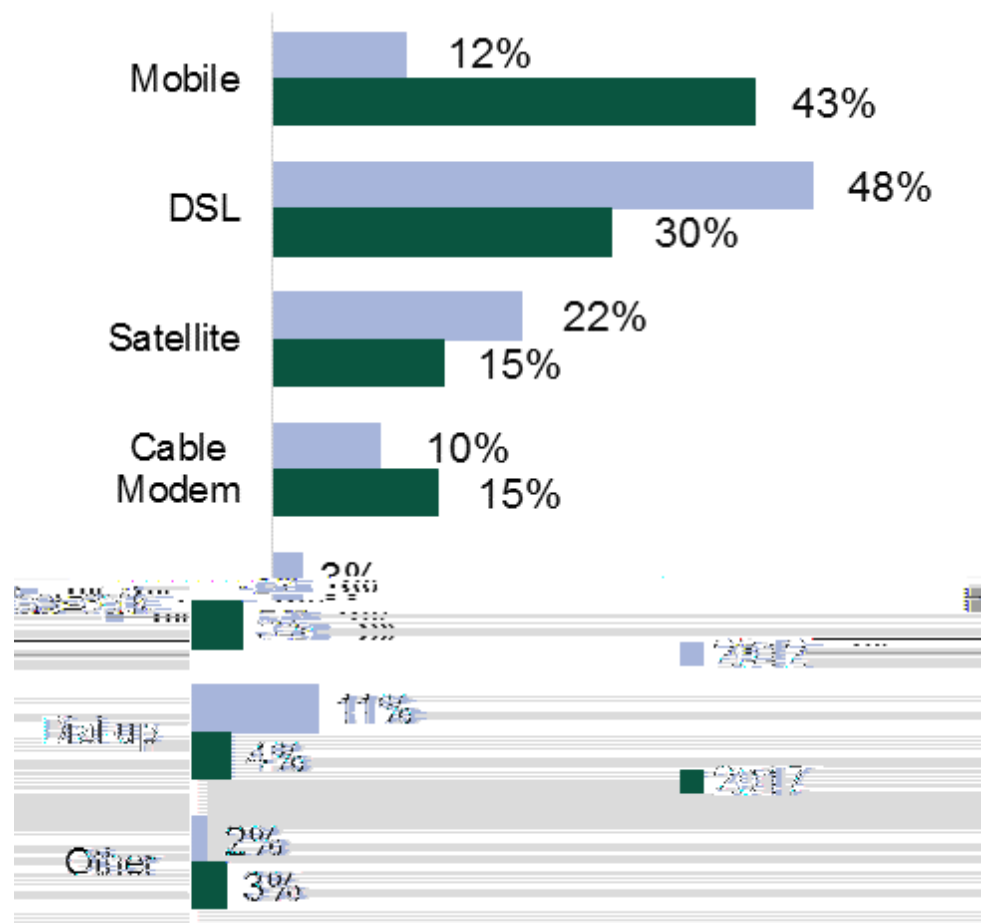
| | 2012 | 2017 | % change |
|---------------------------------------|----------|----------|----------|
| Value of ag products sold | 58,925 | 70,459 | +20 |
| Government payments | 2,432 | 2,091 | -14 |
| Farm-related income | 3,150 | 5,674 | +80 |
| Production expenses | 55,918 | 63,833 | +14 |
| Net 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)

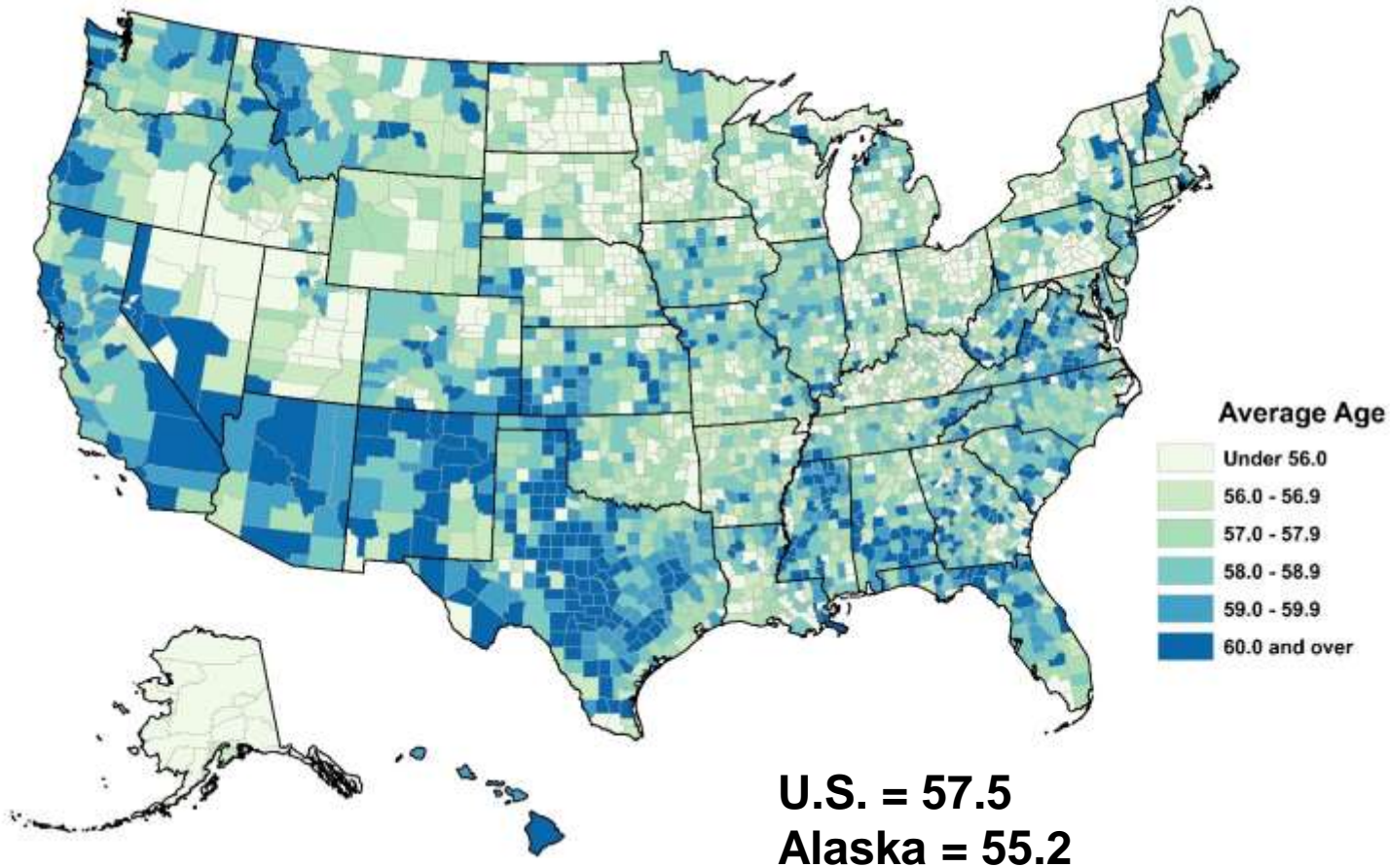


Demographics of Farm Producers

- 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

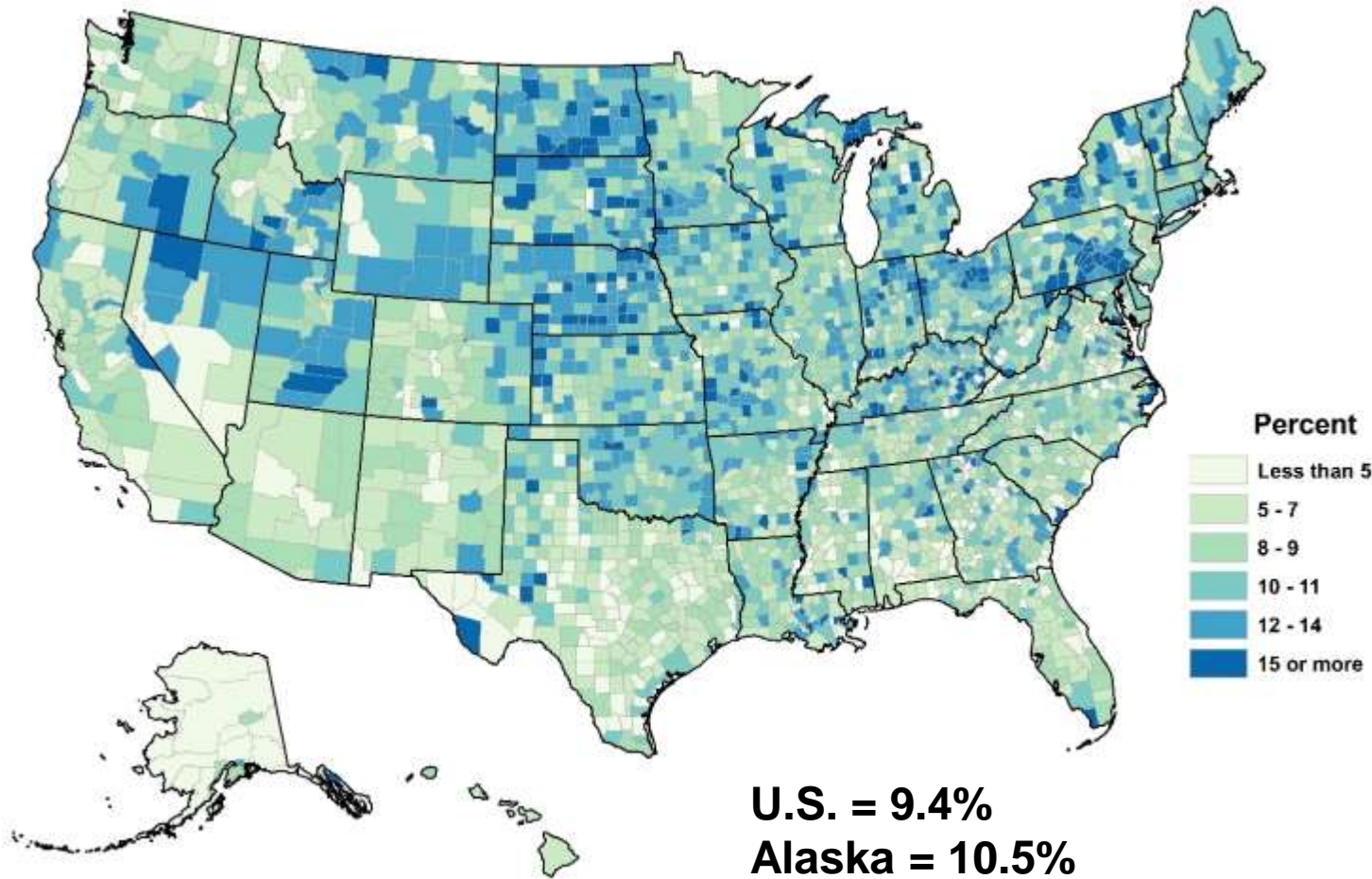


All Producers, 2007 - 2017

| | |
|------|------|
| 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 |

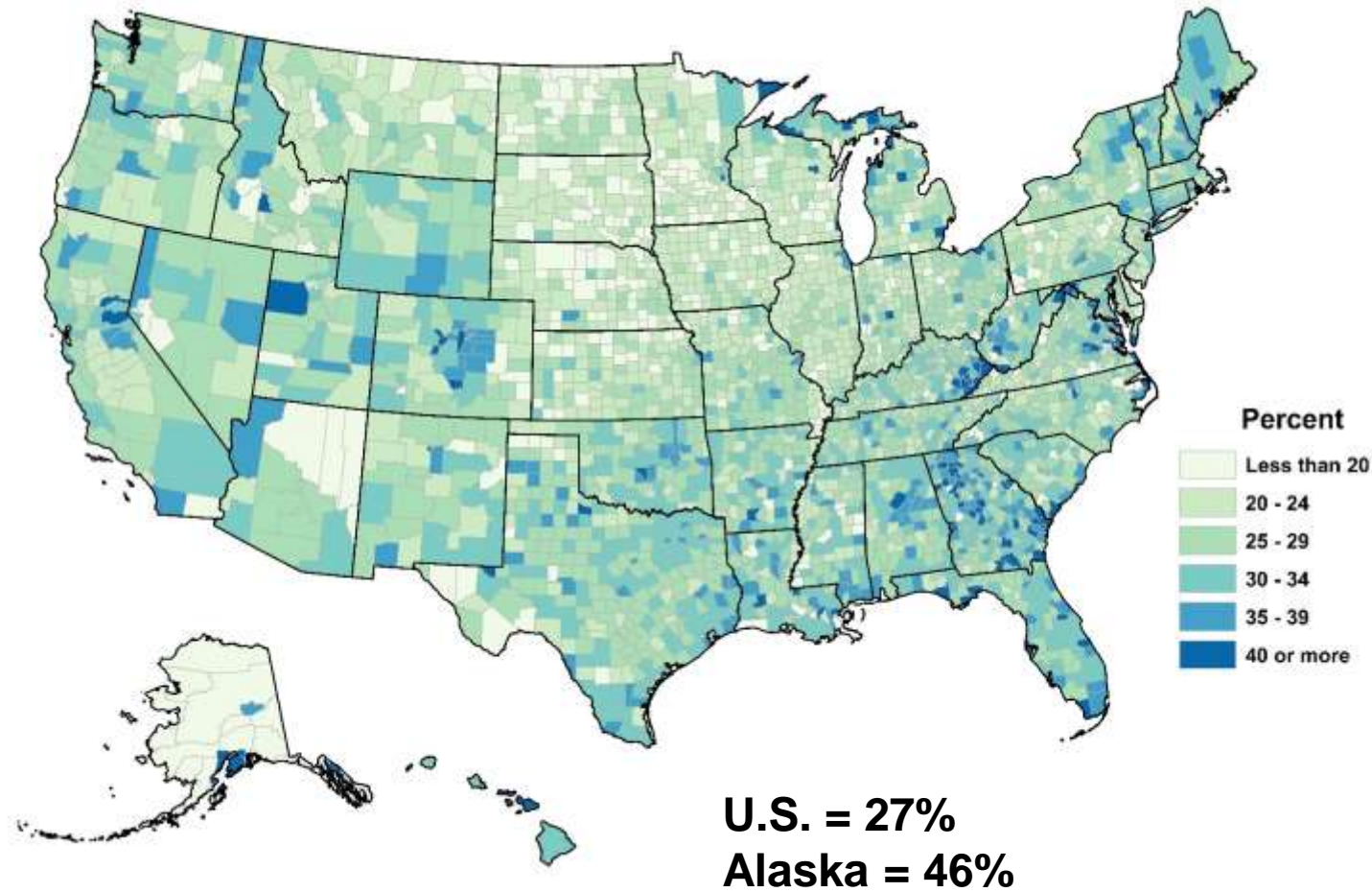
Farms

| | | |
|---------------------------|-----------|----------|
| 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

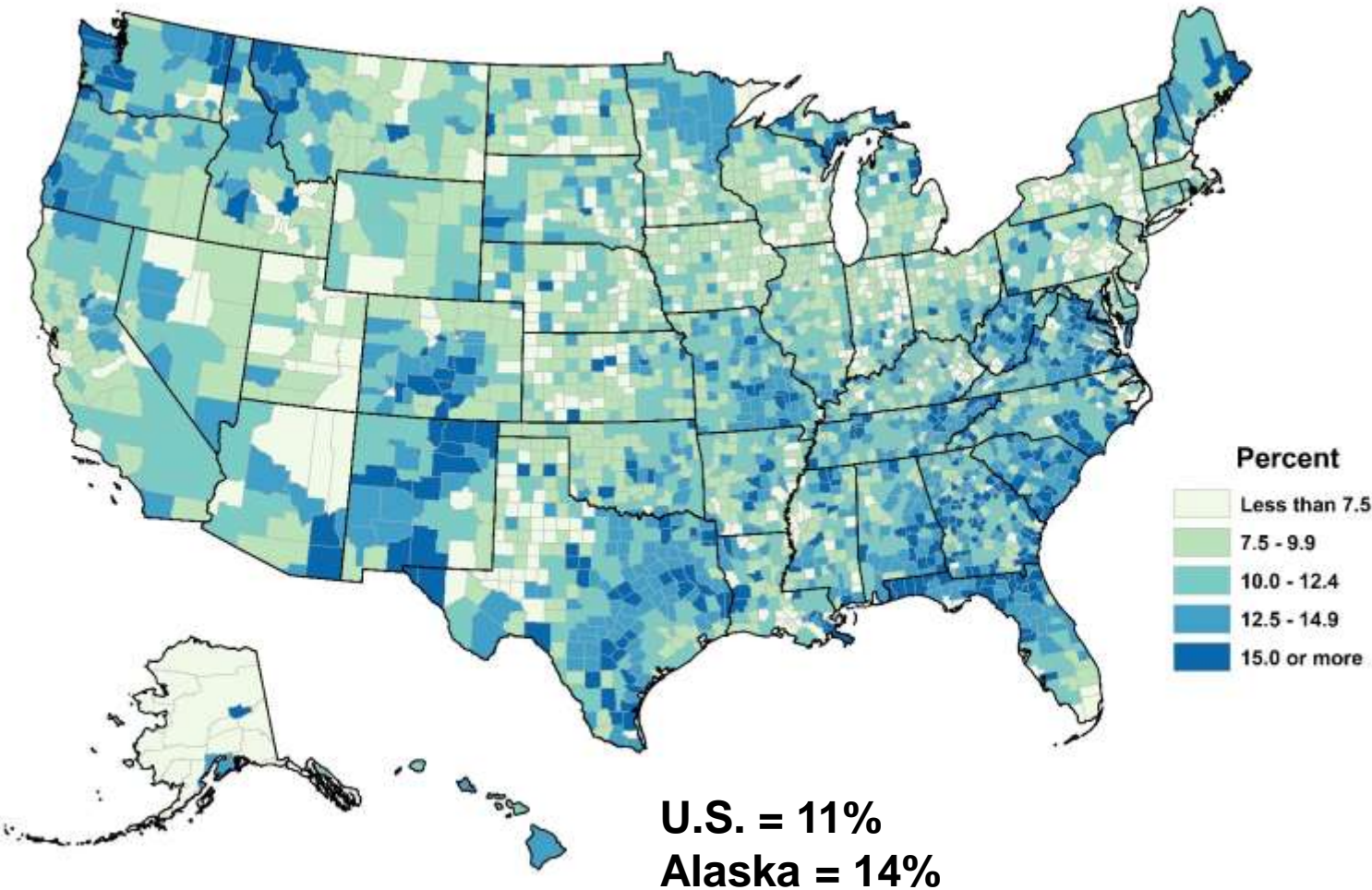
As a Percent of All, by County/Area



| 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

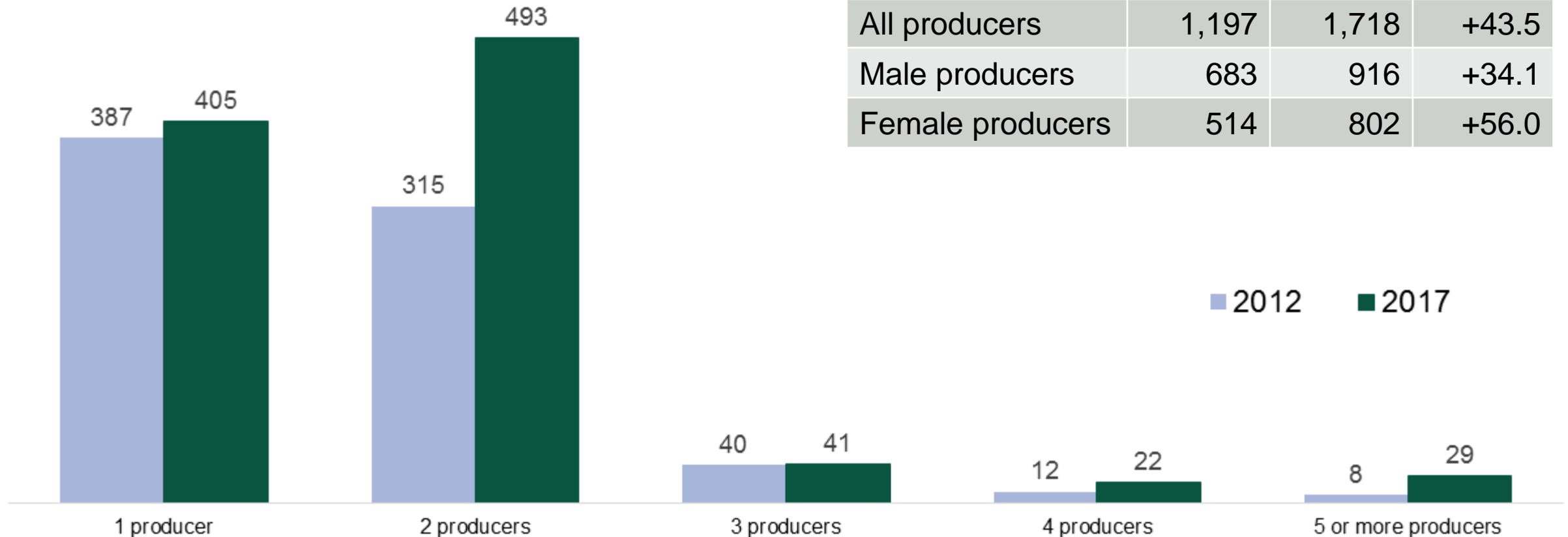
As a Percent of All, by County/Area



| 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



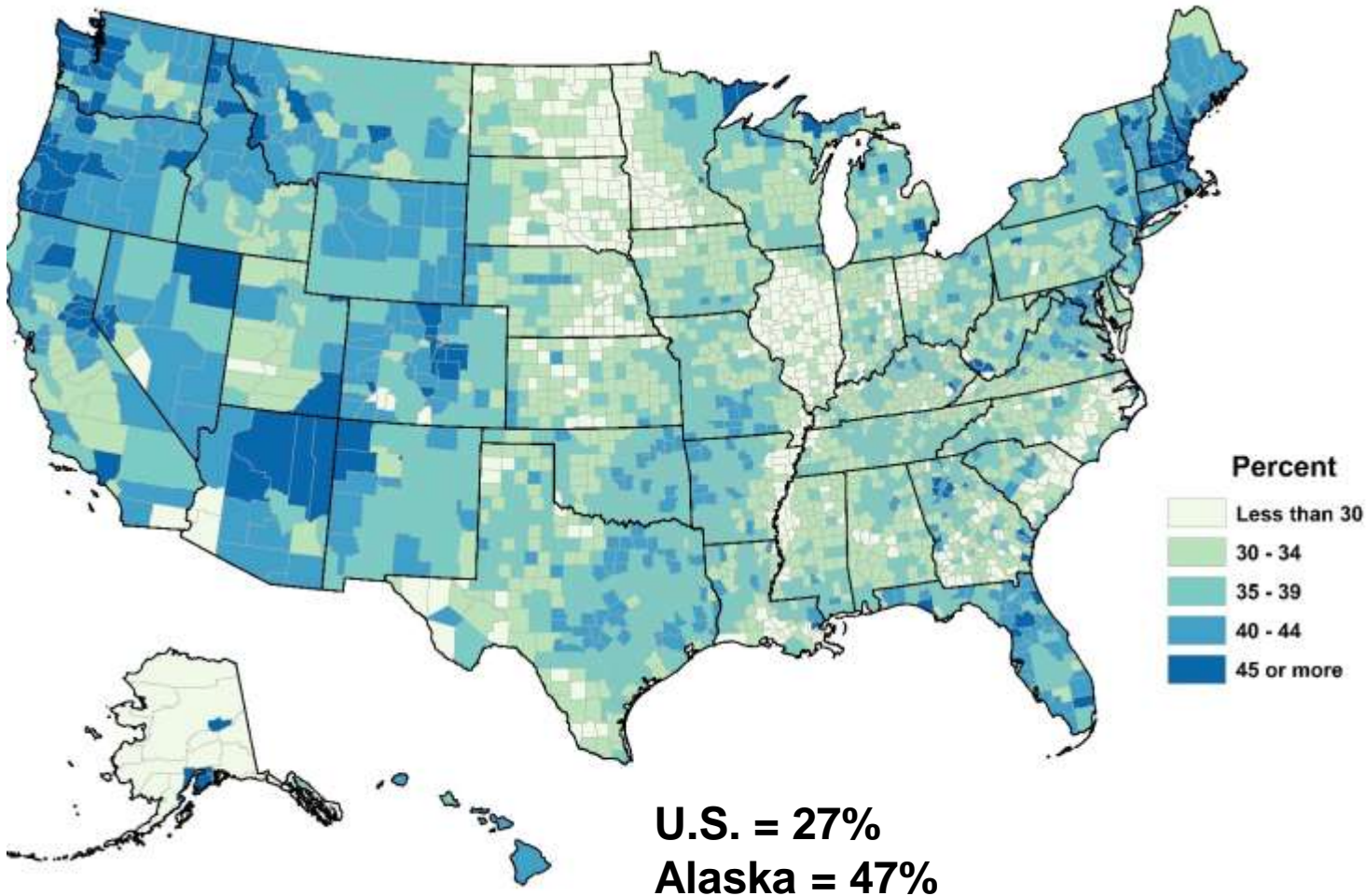
Producers by Sex

| | 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



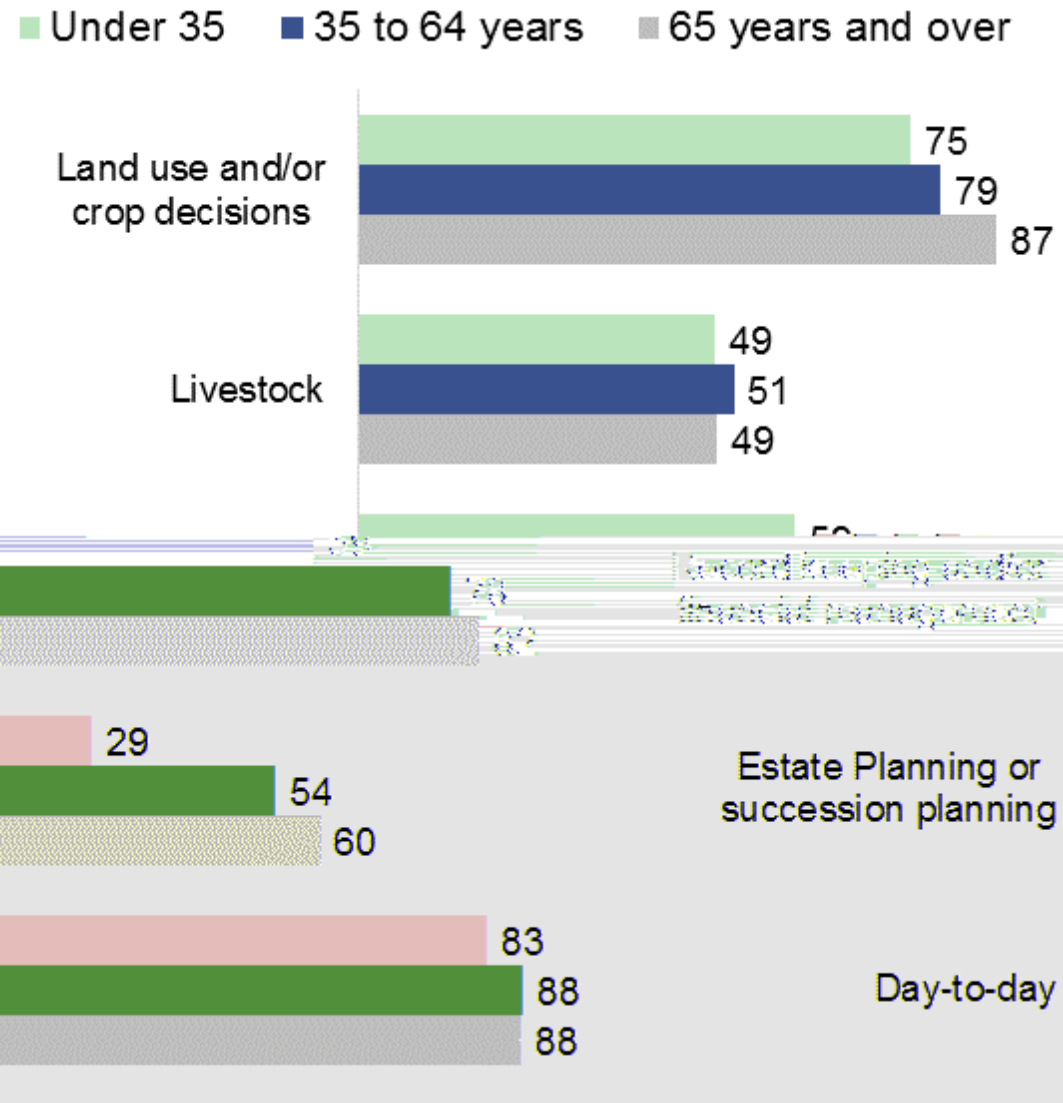
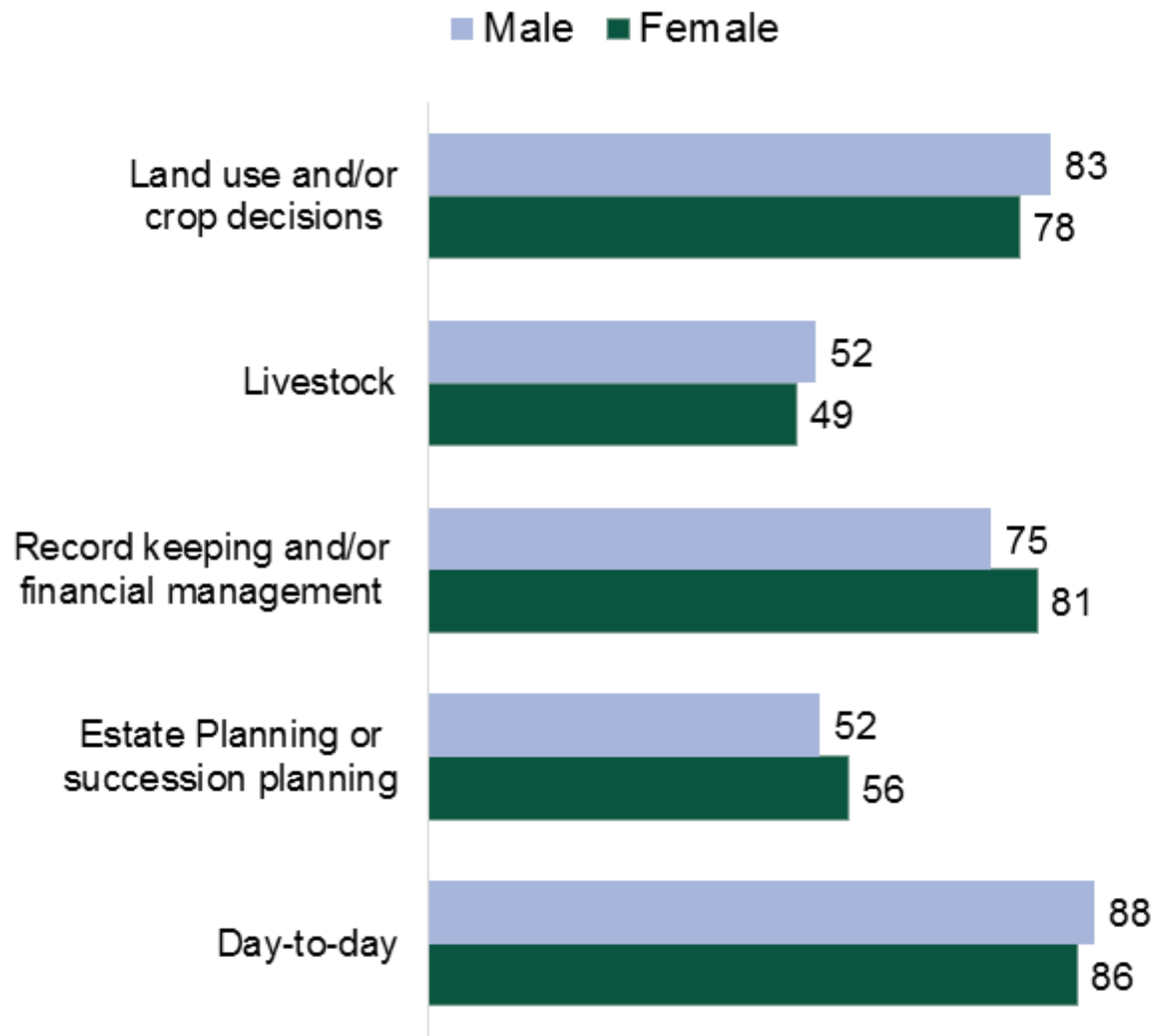
| Producers | | |
|---------------------------|----------|----------|
| | Female | Male |
| Number | 802 | 916 |
| Average age | 53.6 | 56.5 |
| Farms | | |
| Number | 715 | 813 |
| Average farm size (acres) | 687 | 691 |
| Average TVP | \$44,778 | \$82,047 |

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 |



All Reports Available At
www.nass.usda.gov

For Questions
Sue Benz: 907-982-7437
suzan.benz@nass.usda.gov