



# 2017 Census of Agriculture Data Release

# Ohio

**EMBARGOED until April 11, at noon ET**

# Agenda

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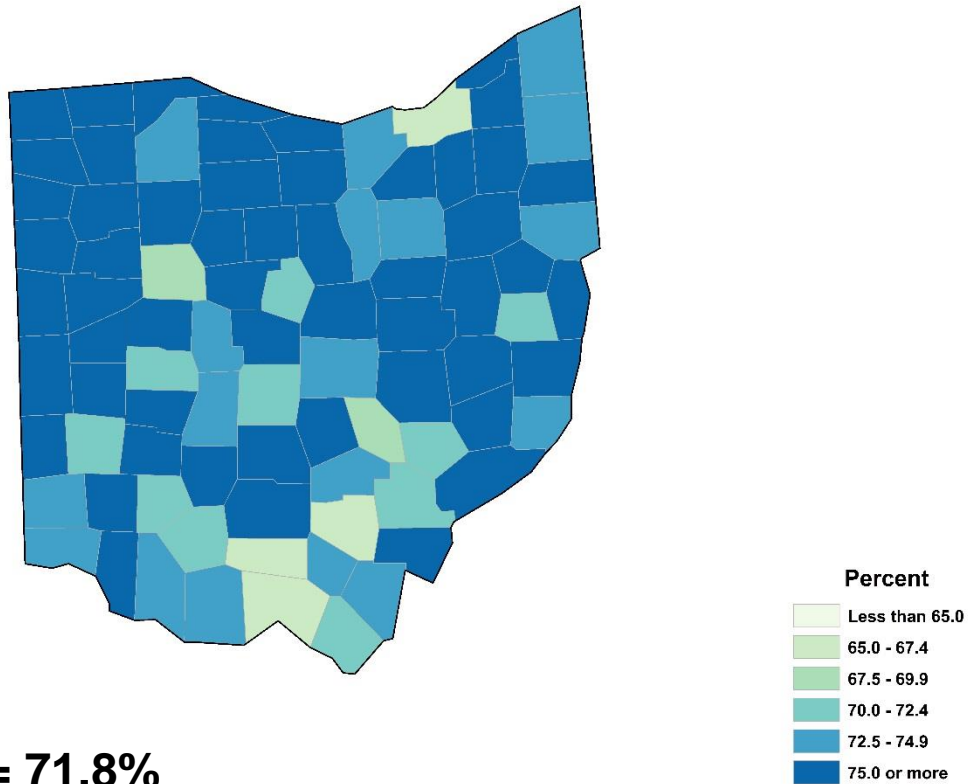
- Census Data Collection
- Farms and Ranches
- Economics
- Demographics
- Future Census Products

# 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 Census of Agriculture is the 29<sup>th</sup> in the series, and the 5<sup>th</sup> 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

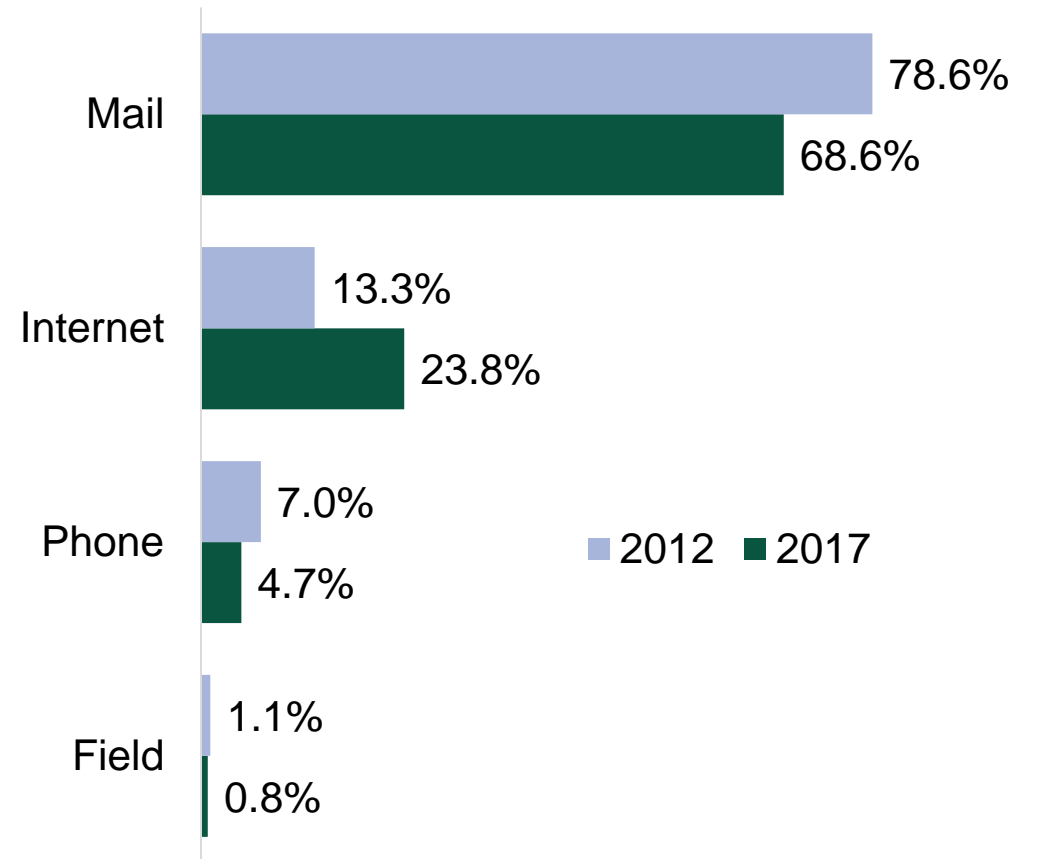
# Census Data Collection

## Response Rate by County, 2017



**U.S. = 71.8%**  
**Ohio = 76.3%**

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



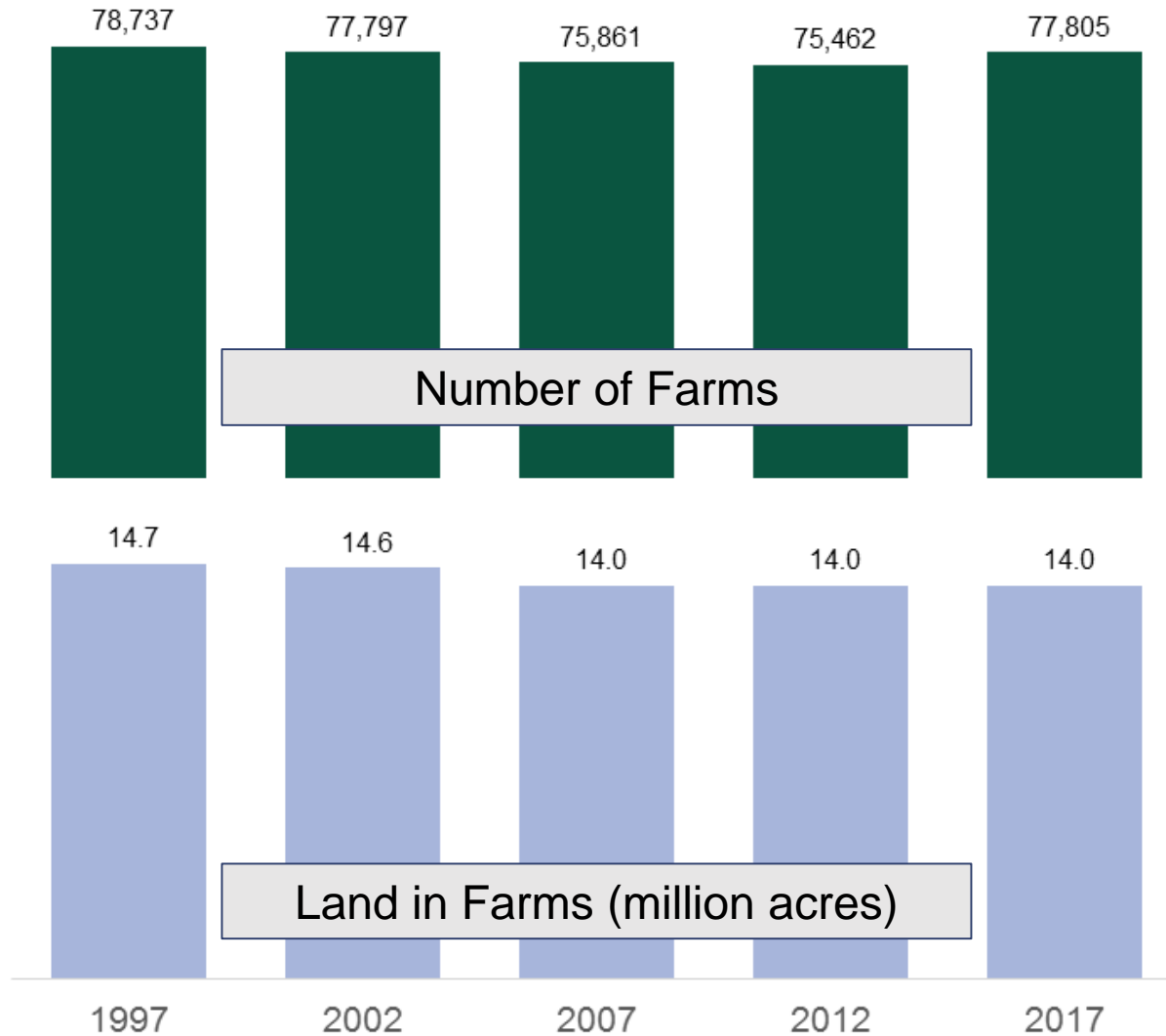
# Farms and Land in Farms

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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.”*

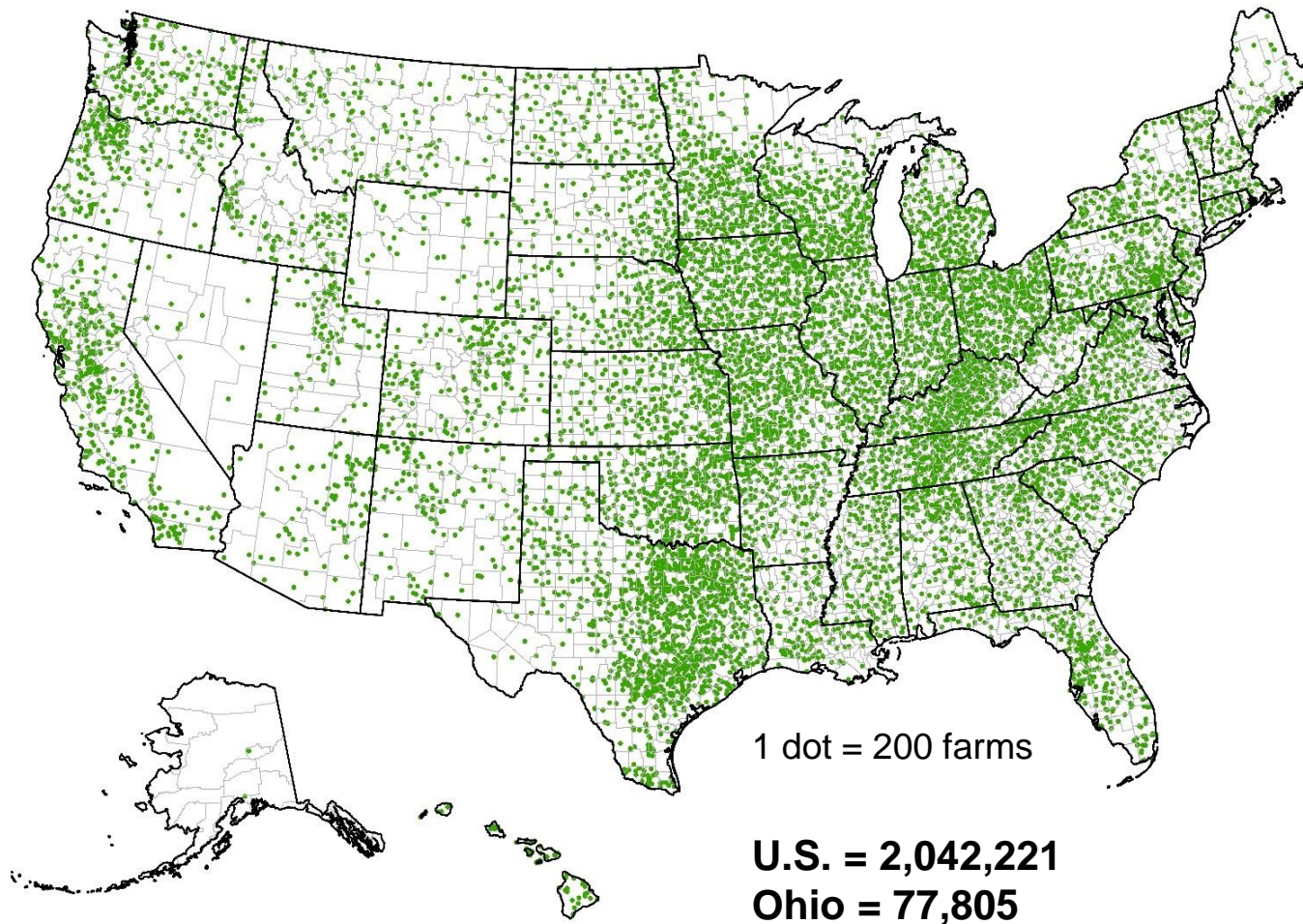
# Number of Farms and Land in Farms, 1997-2017



	2012	2017	% change
Number of Farms			
	75,462	77,805	+3.1
Land in farms (million acres)			
	14.0	14.0	+0.0
Average farm size (acres)			
	185	179	-3.2

# Number of Farms, 2017

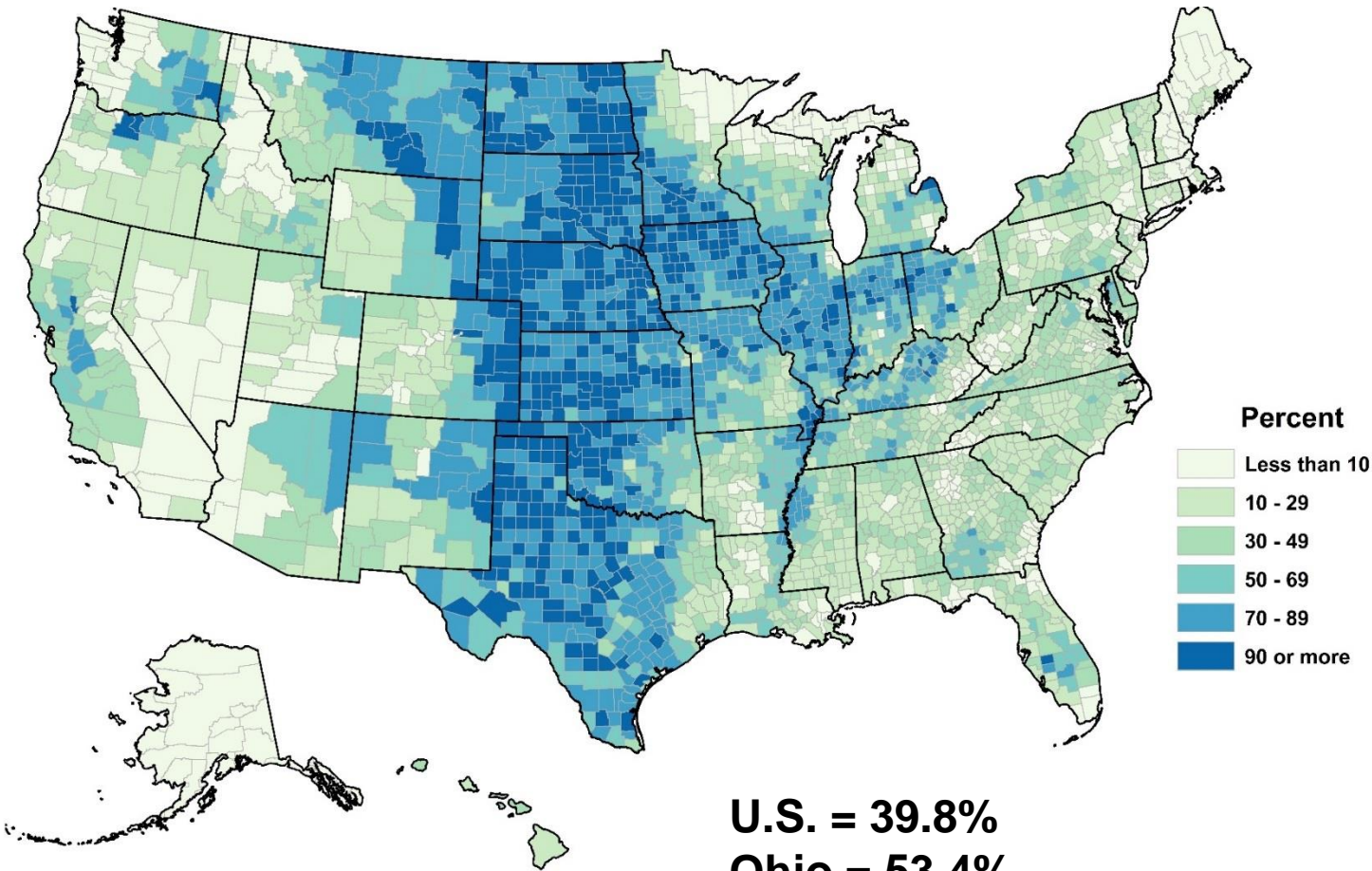
## By County



Top 10 Counties	2017
Wayne	2,034
Holmes	1,673
Darke	1,658
Licking	1,583
Stark	1,547
Knox	1,338
Putnam	1,335
Muskingum	1,263
Highland	1,254
Brown	1,237

# Land in Farms, 2017

As a Percent of Total, by County

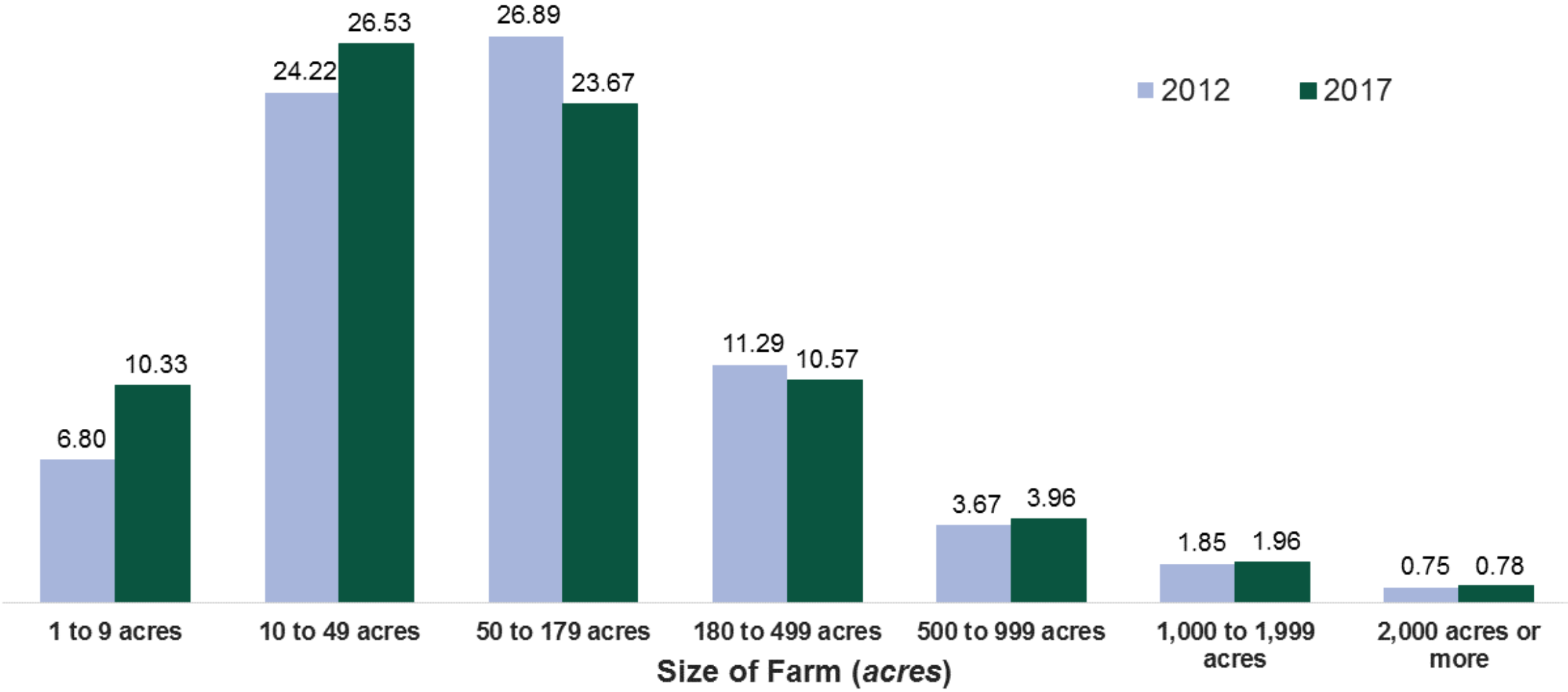


**U.S. = 39.8%**  
**Ohio = 53.4%**

Type of Use	Acres (millions)
Total	14.0
Permanent Pasture	1.0
Cropland	11.0
<i>Harvested Cropland</i>	10.2
Woodland	1.5
Other	0.6

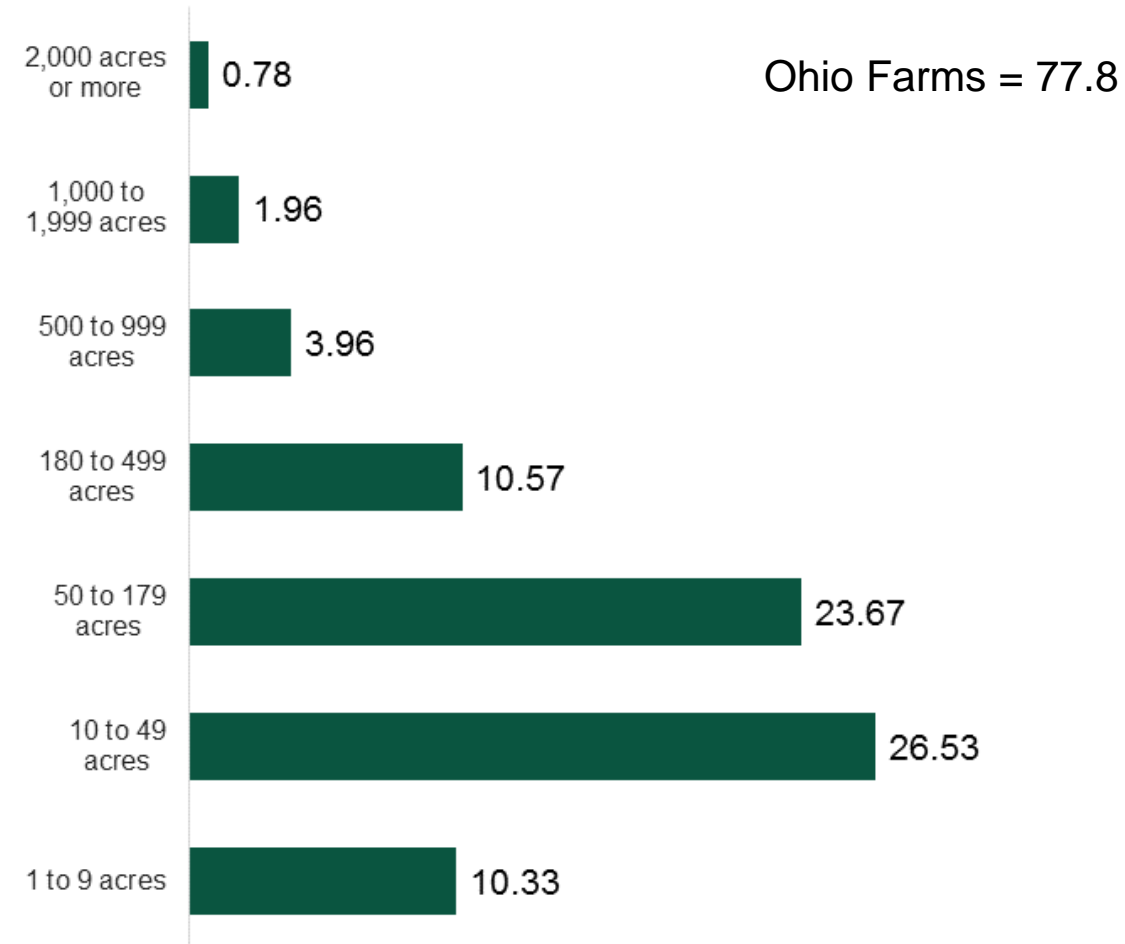


# Number of Farms, by Size Category, 2012 and 2017 (thousands)

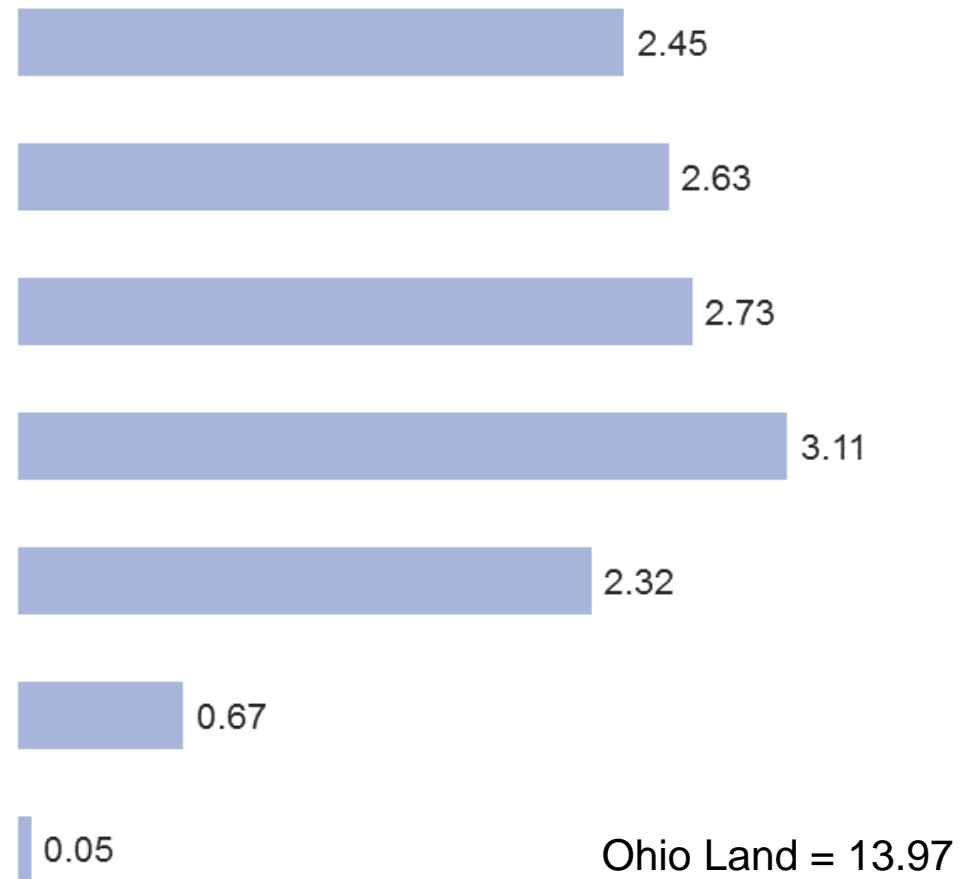


# Number of Farms and Land in Farms, by Size Category, 2017

## Number of Farms (thousands)



## Land in Farms (million acres)

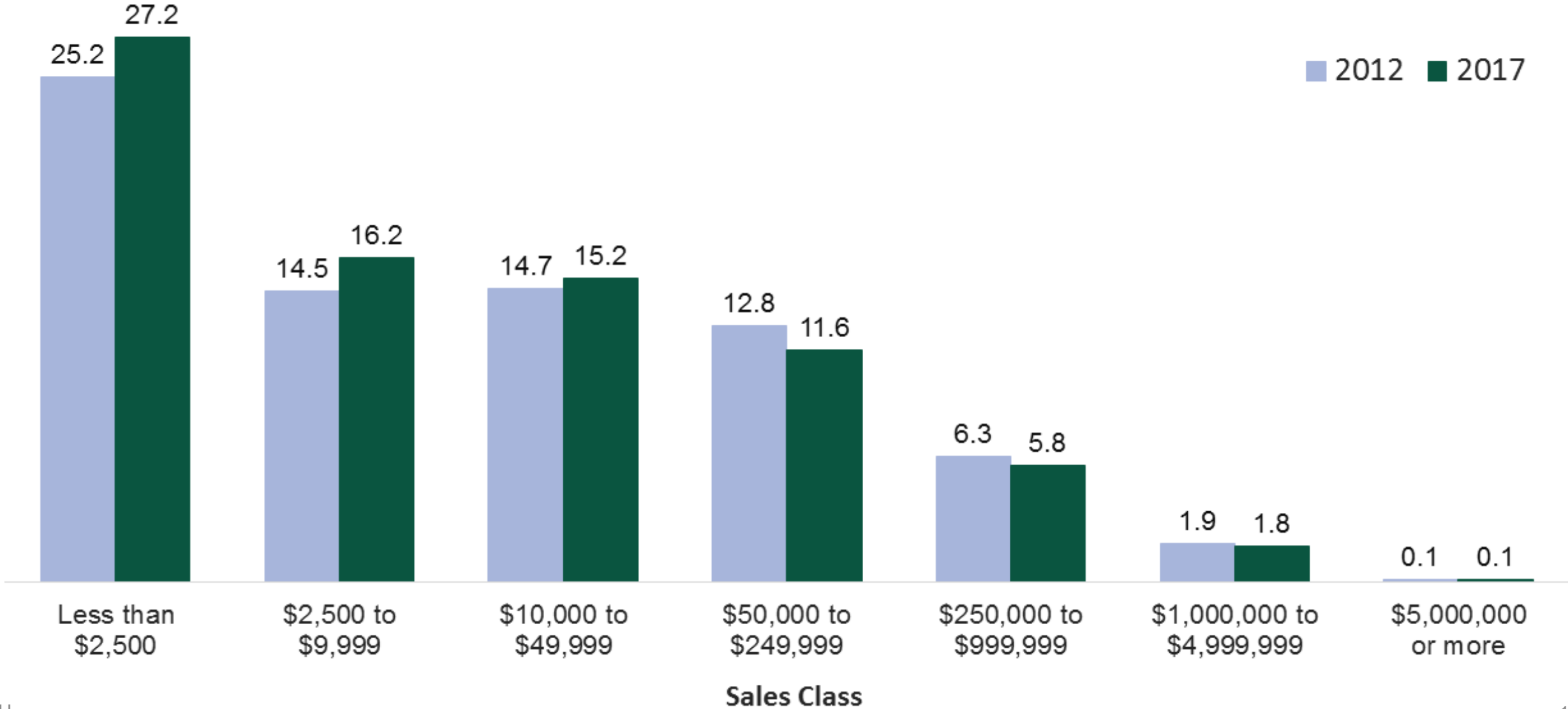


# Economics

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

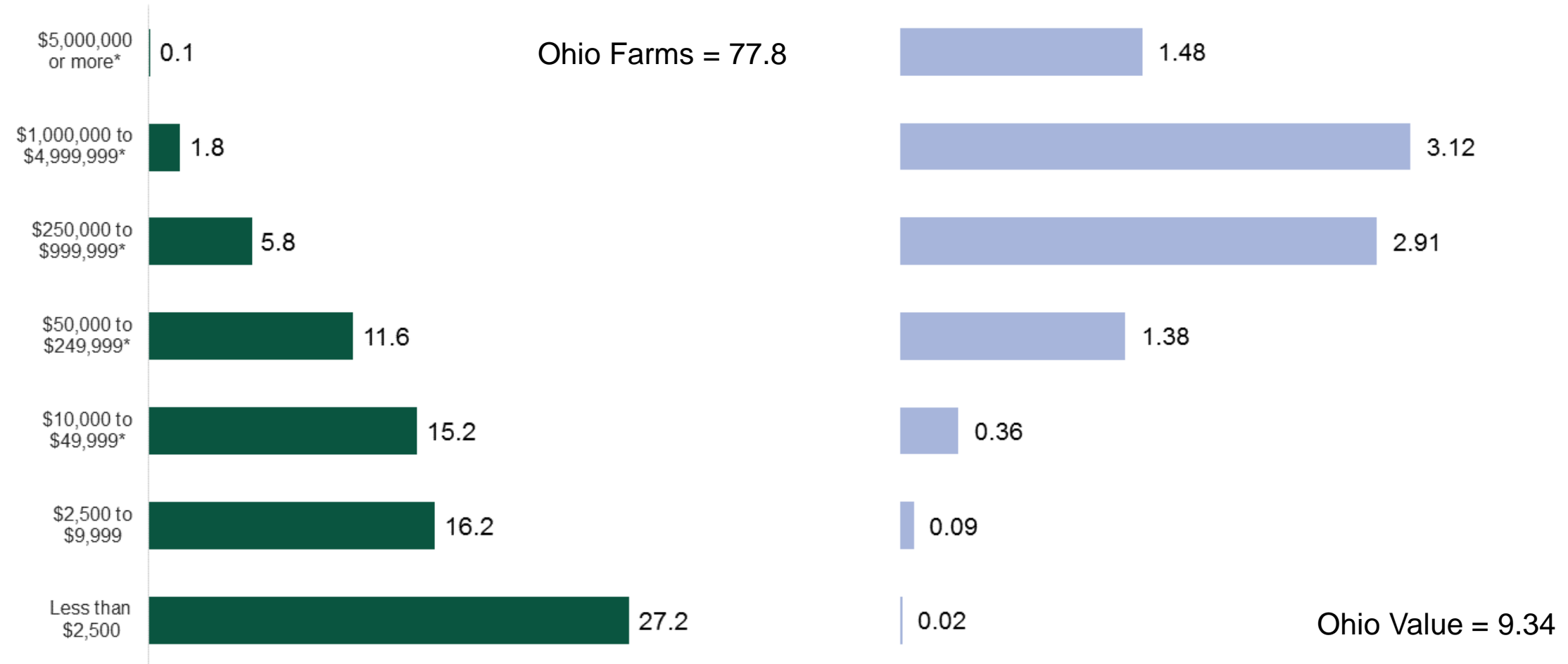
# Number of Farms, by Sales Category, 2012 and 2017 (thousands)



# Farms and Value of Production, by Sales Category, 2017

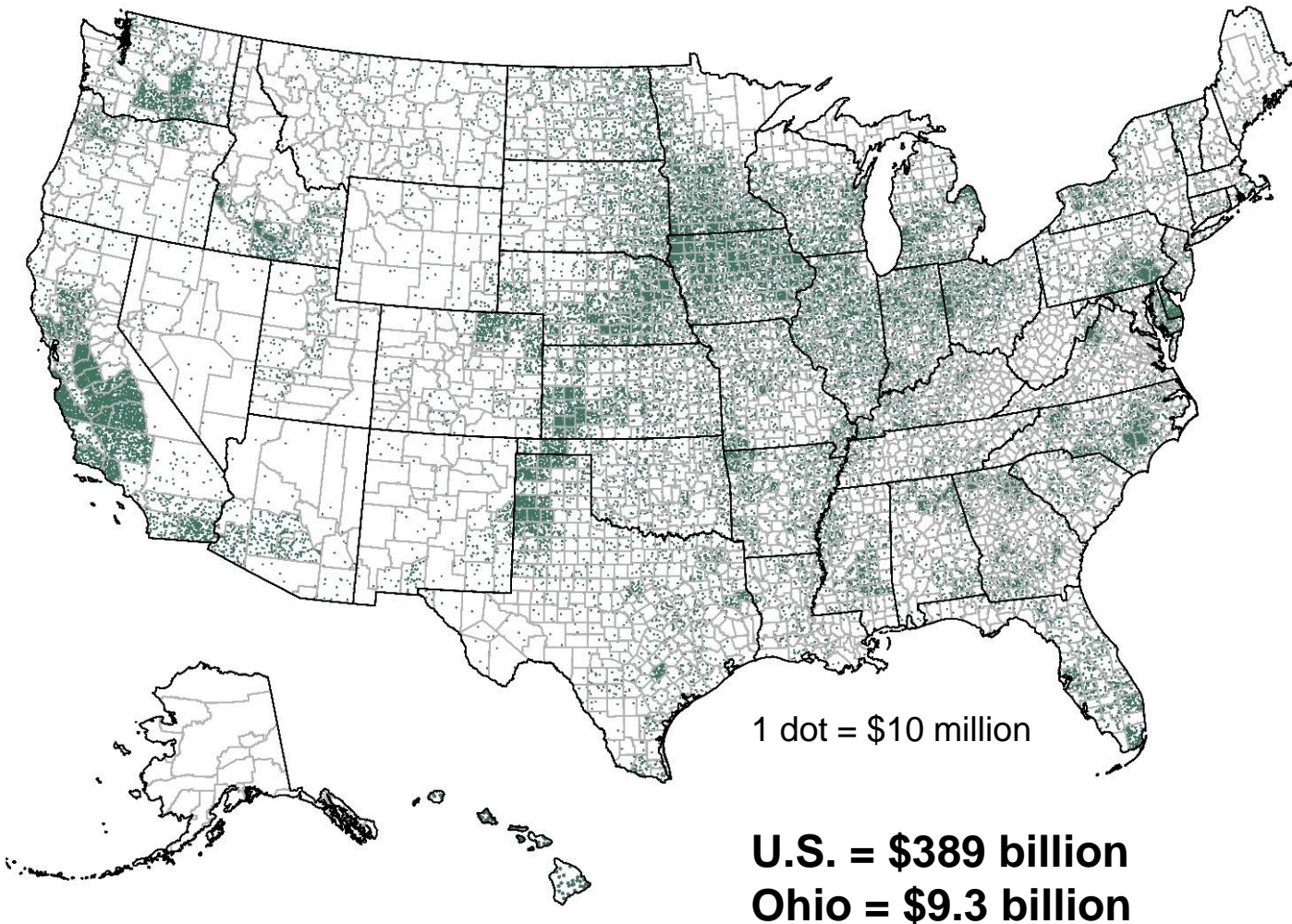
Number of Farms (thousands)

Value of Production (\$ billions)



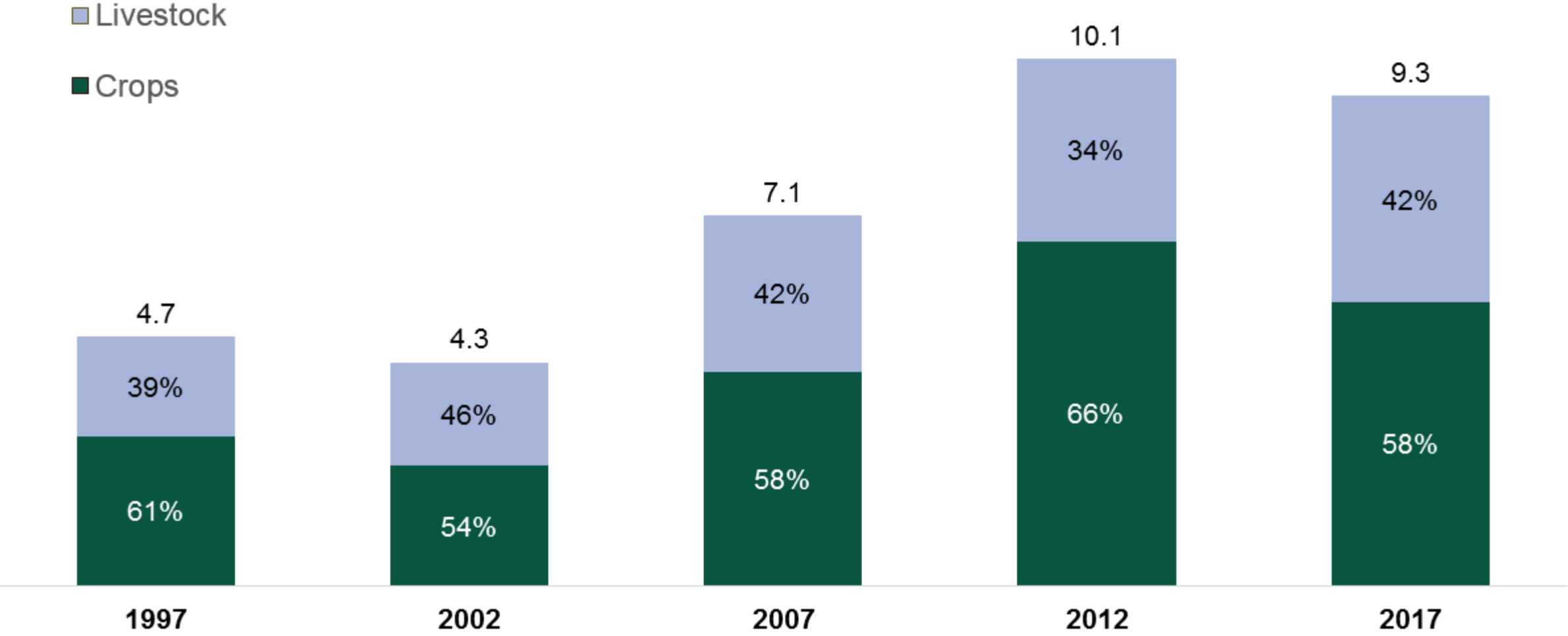
# Total Value of Agricultural Production by Location, 2017

## TVP by County



Top 10 Counties	TVP (\$ millions)
Mercer	632
Darke	516
Wayne	328
Crawford	234
Hardin	223
Putnam	214
Union	209
Auglaize	207
Huron	200
Van Wert	191

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



# Ranking of Market Value of Ag Products Sold, 2017

Item	Farms	Sales (\$1,000)	Rank by Sales	Percent of Total Sales
Grains, oilseeds, dry beans, and dry peas	31,299	4,553,242	1	48.7
<i>Poultry and eggs</i>	7,409	1,082,069	2	11.6
<i>Hogs and pigs</i>	3,951	1,010,793	3	10.8
<i>Milk from cows</i>	2,400	1,001,507	4	10.7
Cattle and calves	19,588	681,356	5	7.3
Nursery, greenhouse, floriculture, and sod	1,780	485,156	6	5.2
Other Crops and hay	23,517	186,024	7	2.0
Vegetables, melons, potatoes, and sweet potatoes	2,956	148,848	8	1.6
Other animals and other animal products	2,474	58,507	9	0.6
Horses, ponies, mules, burros, and donkeys	3,334	48,379	10	0.5



# Farm Production Expenses, 2017

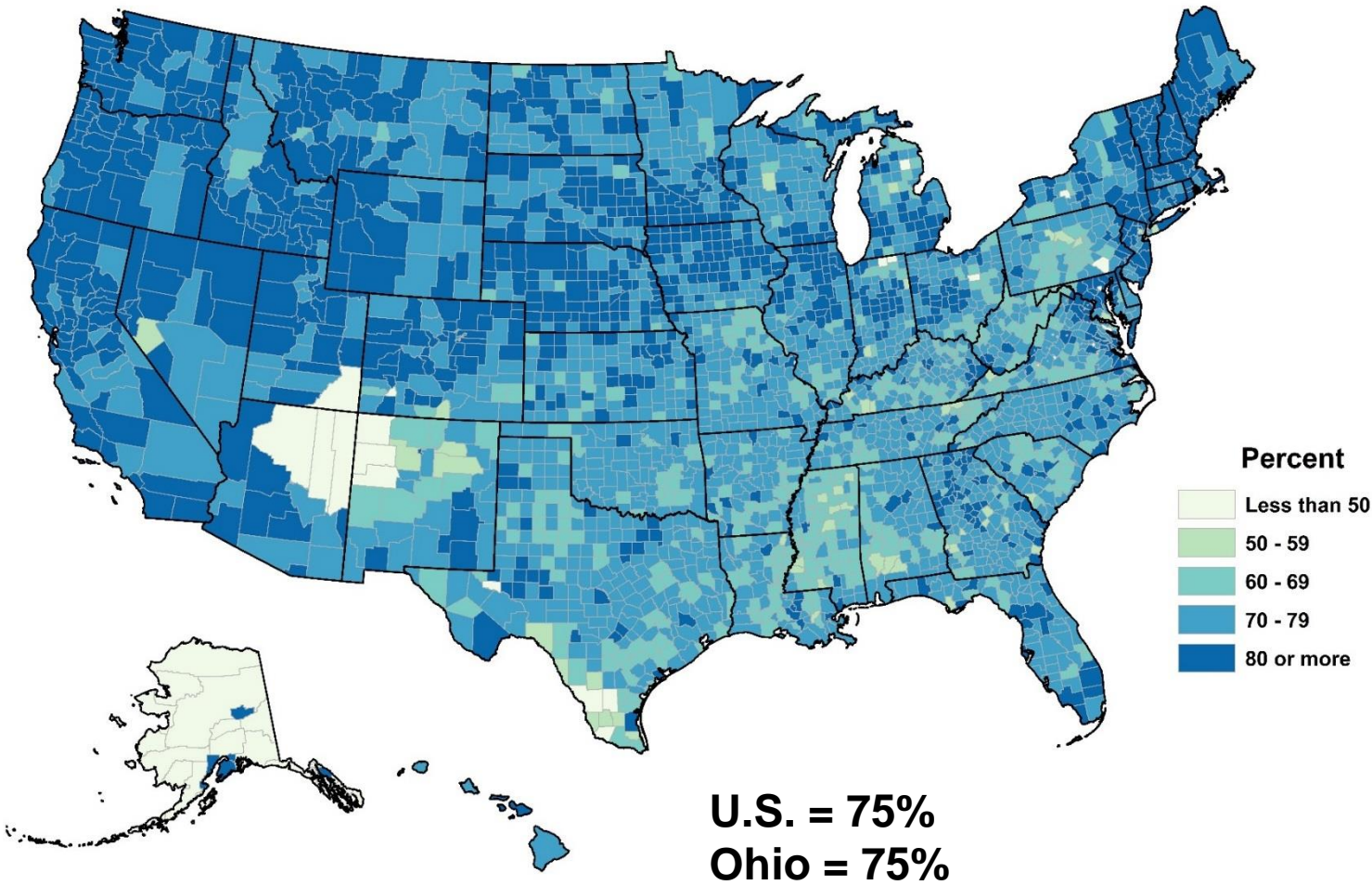
Farm Expenses	Expenses (\$1,000)
Feed	\$1,426,818
Seeds	\$745,933
Fertilizer	\$737,842
Livestock Purchased/Leased	\$625,486
Hired Labor	\$611,084
Cash Rent	\$578,809
Supplies and Repairs	\$548,440
Chemicals	\$443,505
Property Taxes	\$411,725
Interest	\$363,028

# Farm Income and Expenses, 2012 and 2017 (\$ millions)

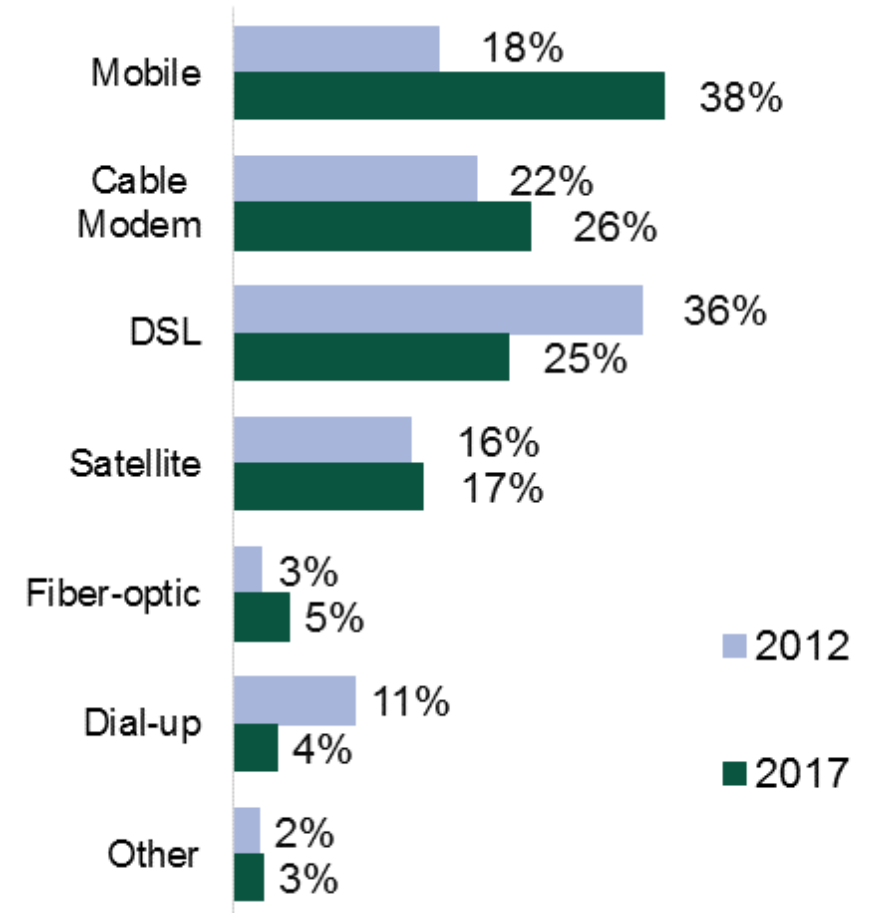
	2012	2017	% change
Value of ag products sold	10,064	9,341	-7
Government payments	229	351	+53
Farm-related income	447	455	+2
Production expenses	7,743	7,838	+1
Net income	2,997	2,309	-23
Per farm average net income (dollars)	\$39,714	\$29,674	-25

# Farms with Internet Access

As a Percent of Total, by County, 2017



By Type, 2012 and 2017 (percent)



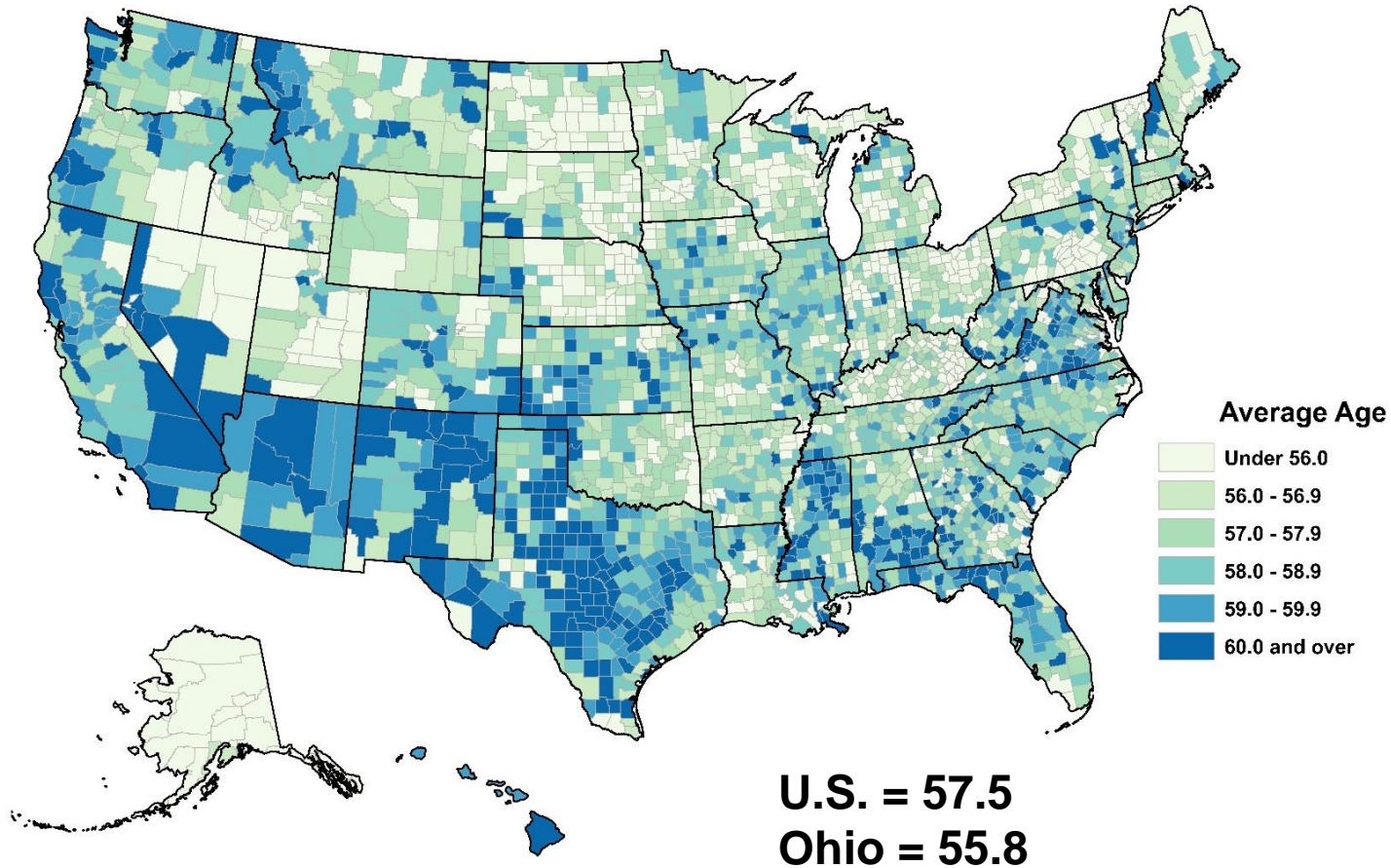
# Demographics of Farm Producers

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- 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, 2017

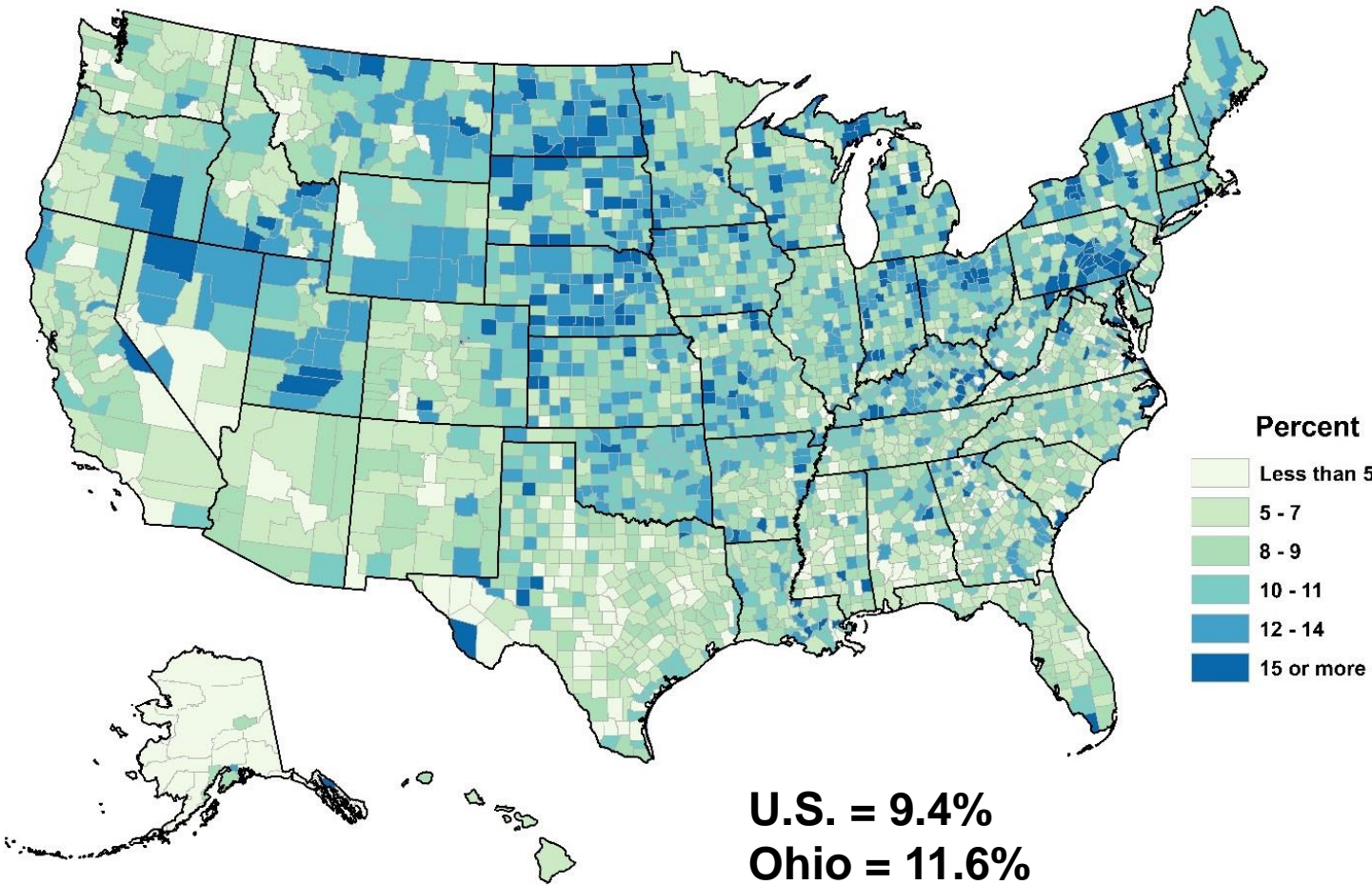


## All Producers, 2007 - 2017

2007	53.5
2012	54.6
2017	55.8

# Young Producers (Age 35 years or less), 2017

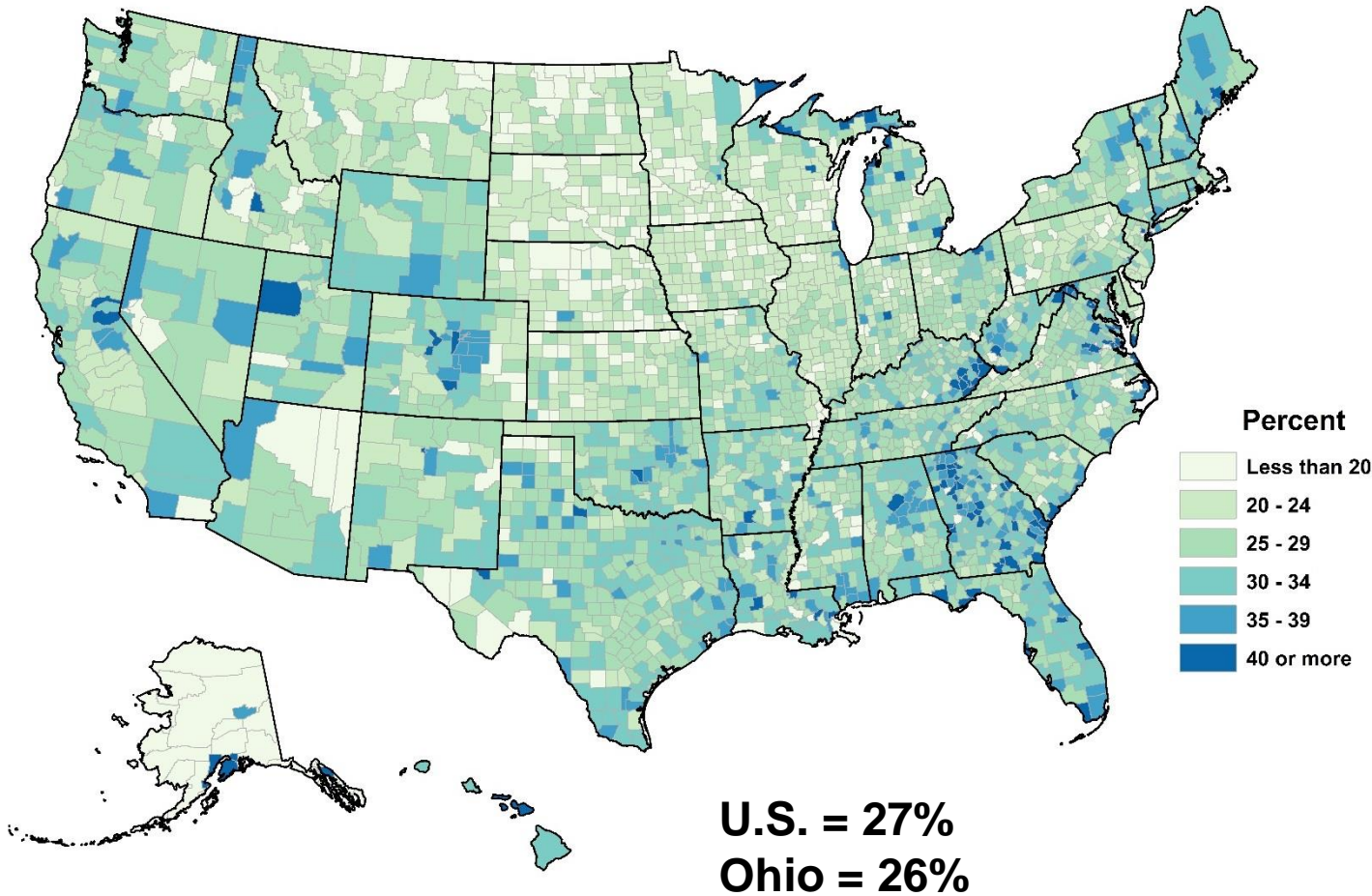
As a Percent of All, by County



Producers		
	Young	All
Number	14,911	128,686
Average age	29.2	55.8
Farms		
Number	10,996	77,805
Average farm size (acres)	180	179
Average TVP	\$161,159	\$120,059

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

As a Percent of All, by County



## Producers

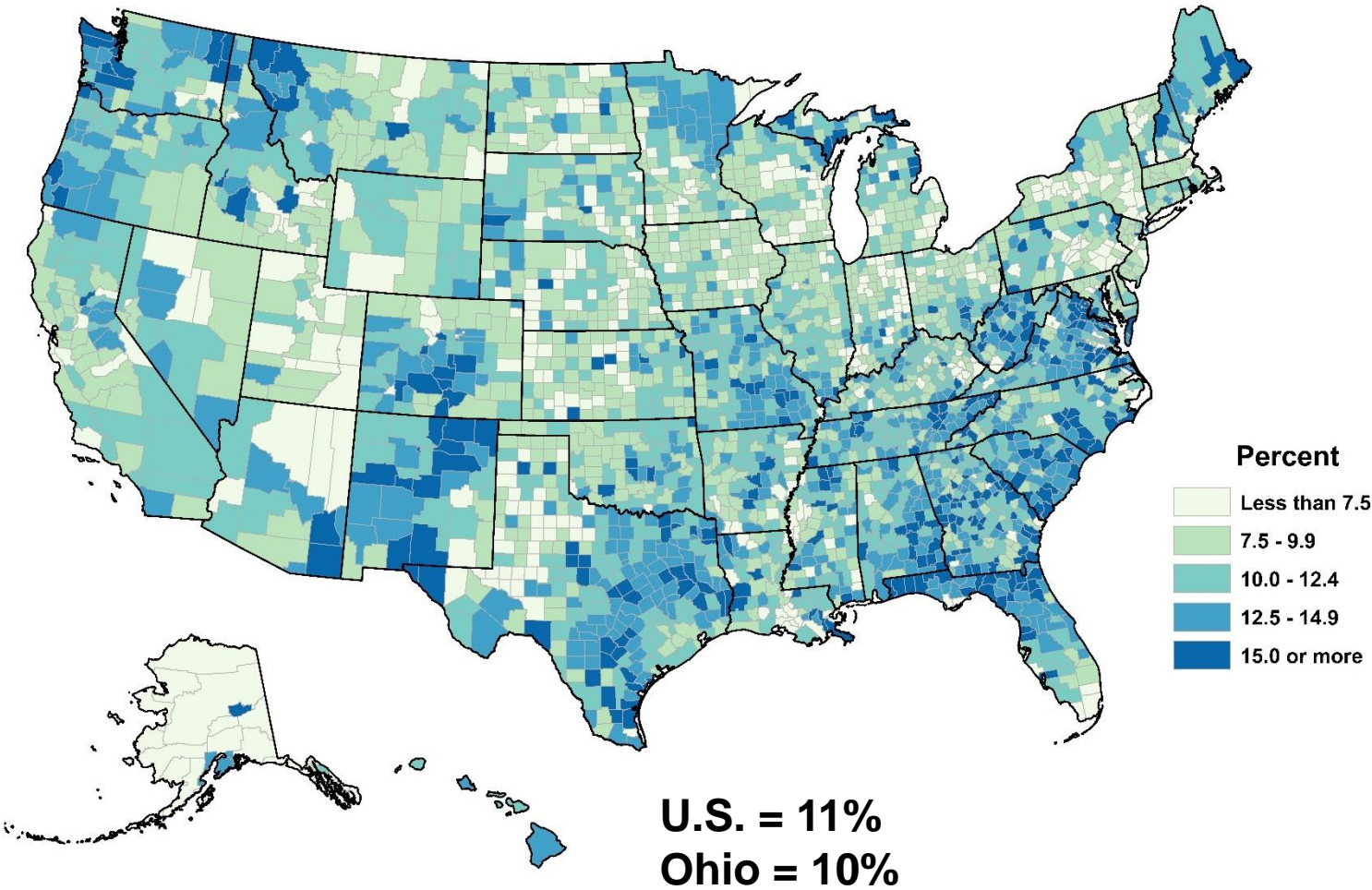
	New and Beginning	All
Number	33,883	128,686
Average age	43.4	55.8

## Farms

Number	22,581	77,805
Average farm size (acres)	121	179
Average TVP	\$89,718	\$120,059

# Producers with Military Service, 2017

As a Percent of All, by County

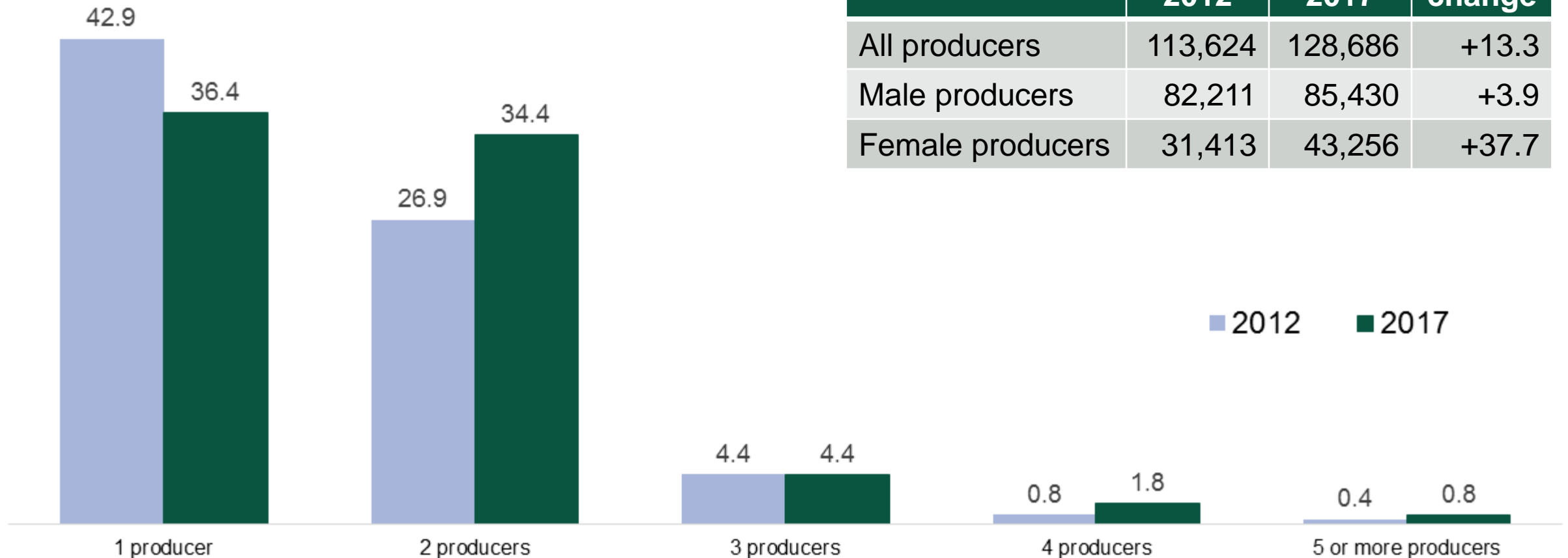


Producers		
	With Military Service	All
Number	12,228	128,686
Average age	67.7	55.8
Farms		
Number	11,796	77,805
Average farm size (acres)	153	179
Average TVP	\$80,908	\$120,059



# Farm Structure, 2012 and 2017

## Farms by Number of Producers (thousands)



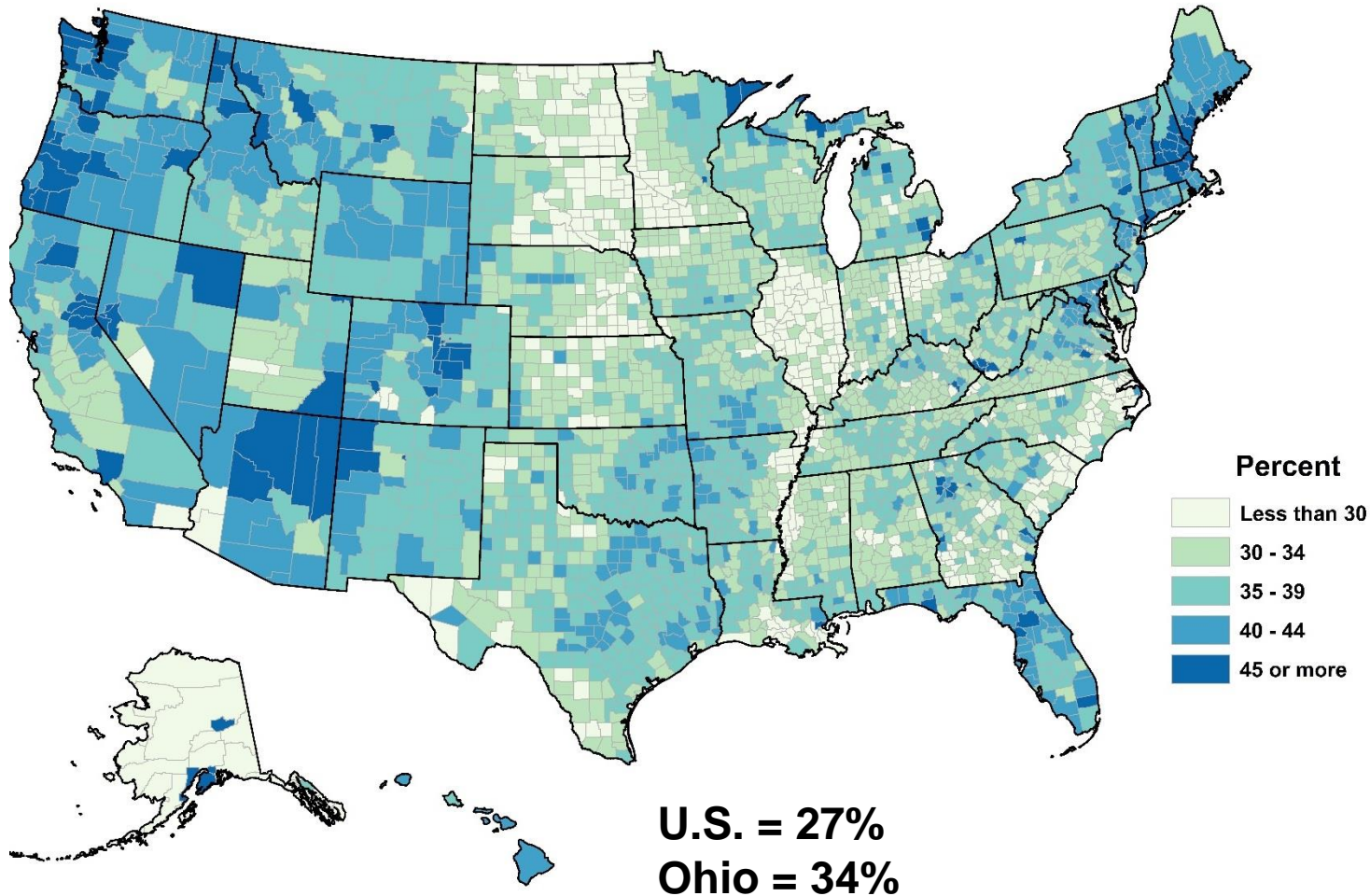
## Producers by Sex

	2012	2017	% change
All producers	113,624	128,686	+13.3
Male producers	82,211	85,430	+3.9
Female producers	31,413	43,256	+37.7

■ 2012 ■ 2017

# Producers by Sex, 2017

## Female Producers as a Percent of Total

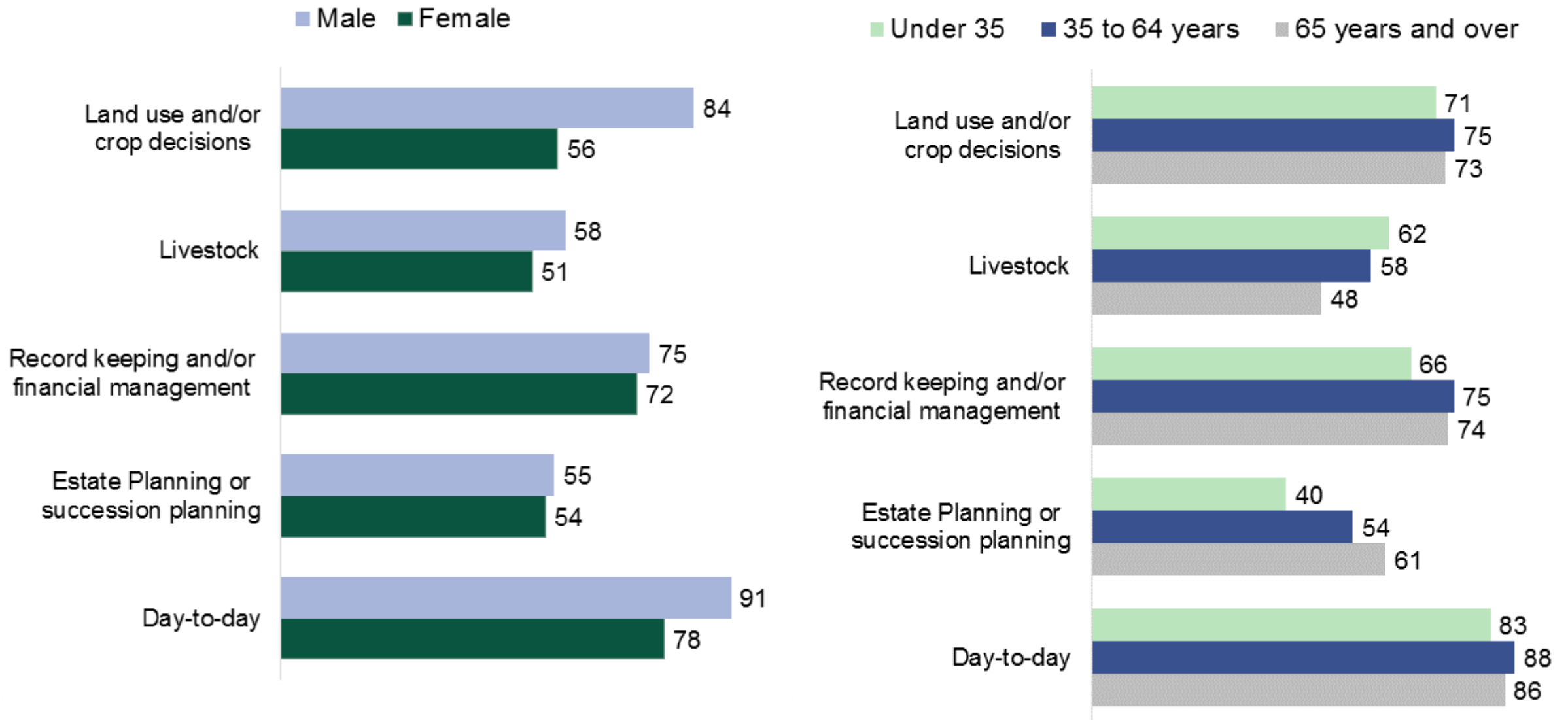


Producers		
	Female	Male
Number	43,256	85,430
Average age	55.2	56.1
Farms		
Number	40,357	72,398
Average farm size (acres)	132	188
Average TVP	\$85,050	\$127,386

# Characteristics by Ethnicity and Race, 2017

Producers						
	Hispanic	American Indian or Alaska Native	Asian	Black	Native Hawaiian or Pacific Islander	White
Number	954	530	250	344	31	128,100
Average age	52.0	56.8	53.5	55.7	47.6	55.8
Farms						
Number	790	486	196	296	28	77,562
Average farm size (acres)	136	91	80	94	47	180
Average TVP	\$128,025	\$25,335	\$129,245	\$44,007	(D)	\$120,361

# 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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