



# 2017 Census of Agriculture Data Release

# Indiana

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

# Agenda

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

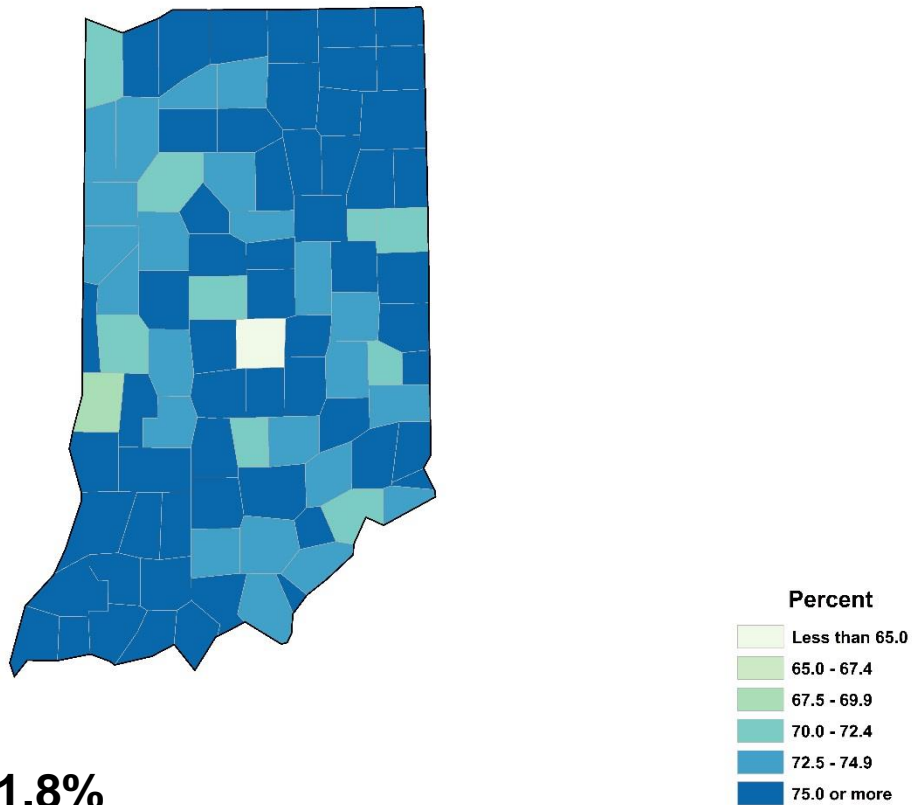
# History of the Census of Agriculture

- 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



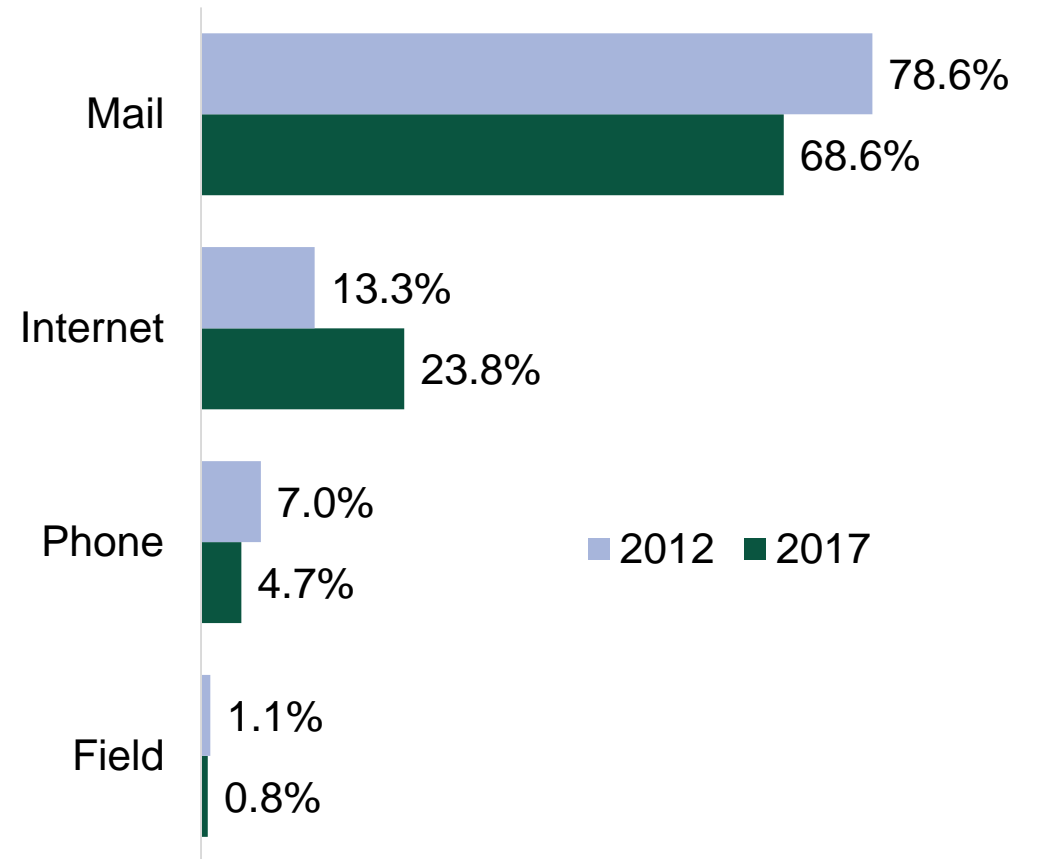
# Census Data Collection

## Response Rate by County, 2017



**U.S. = 71.8%**  
**Indiana = 76.8%**

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



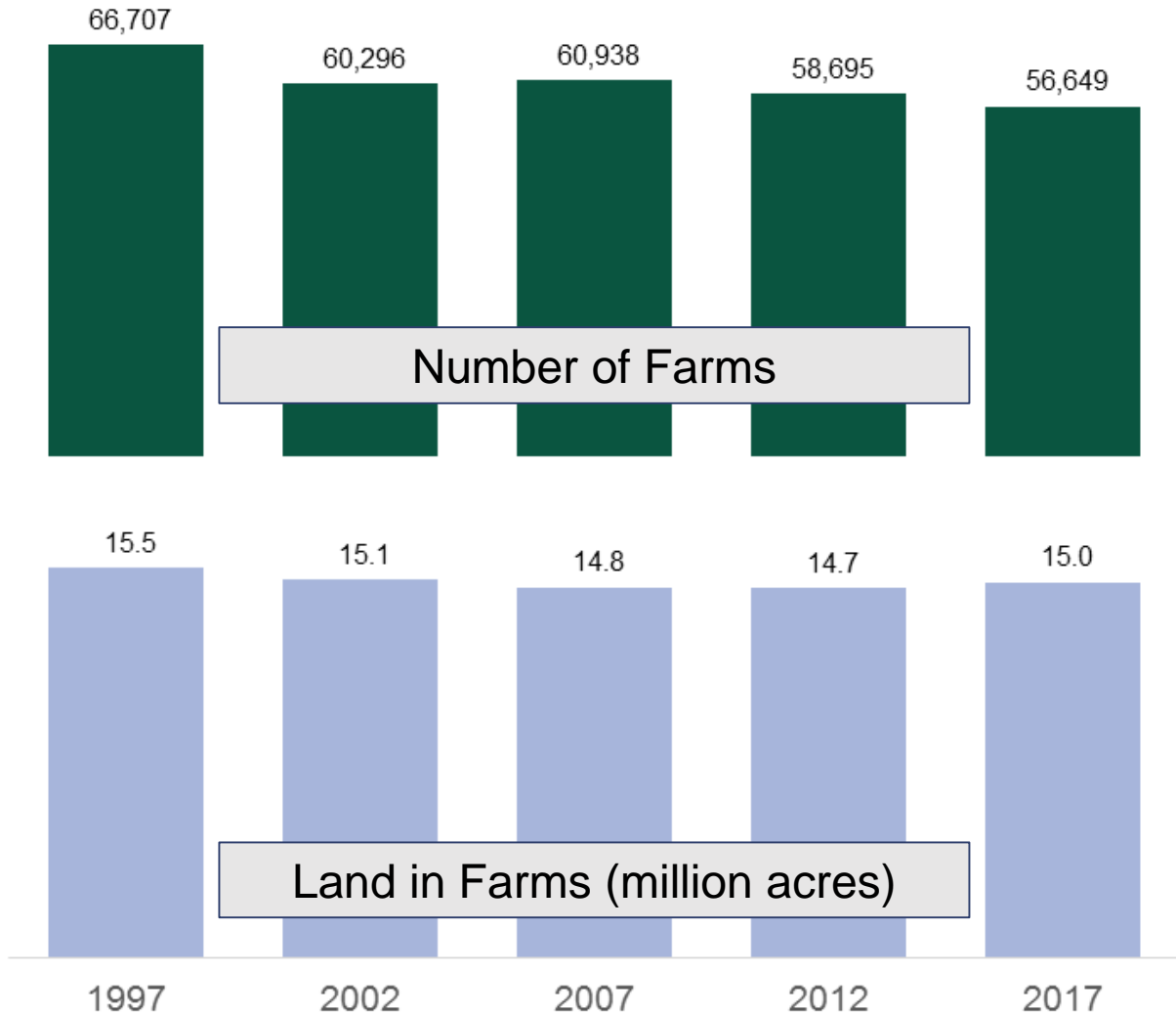
# Farms and Land in Farms

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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.”*

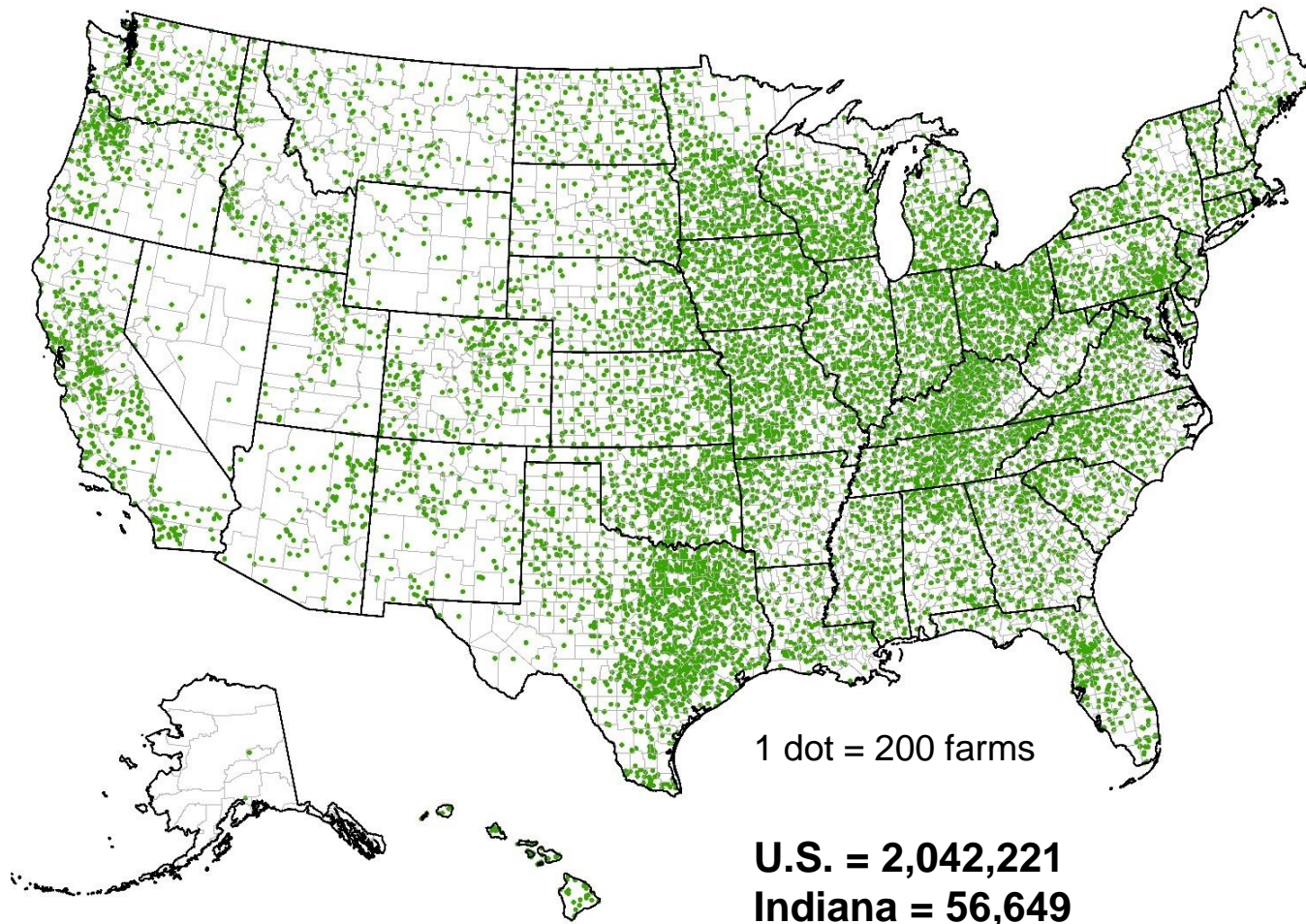
# Number of Farms and Land in Farms, 1997-2017



	2012	2017	% change
Number of Farms			
	58,695	56,649	-3.5
Land in farms (million acres)			
	14.7	15.0	+1.7
Average farm size (acres)			
	251	264	+5.2

# Number of Farms, 2017

## By County

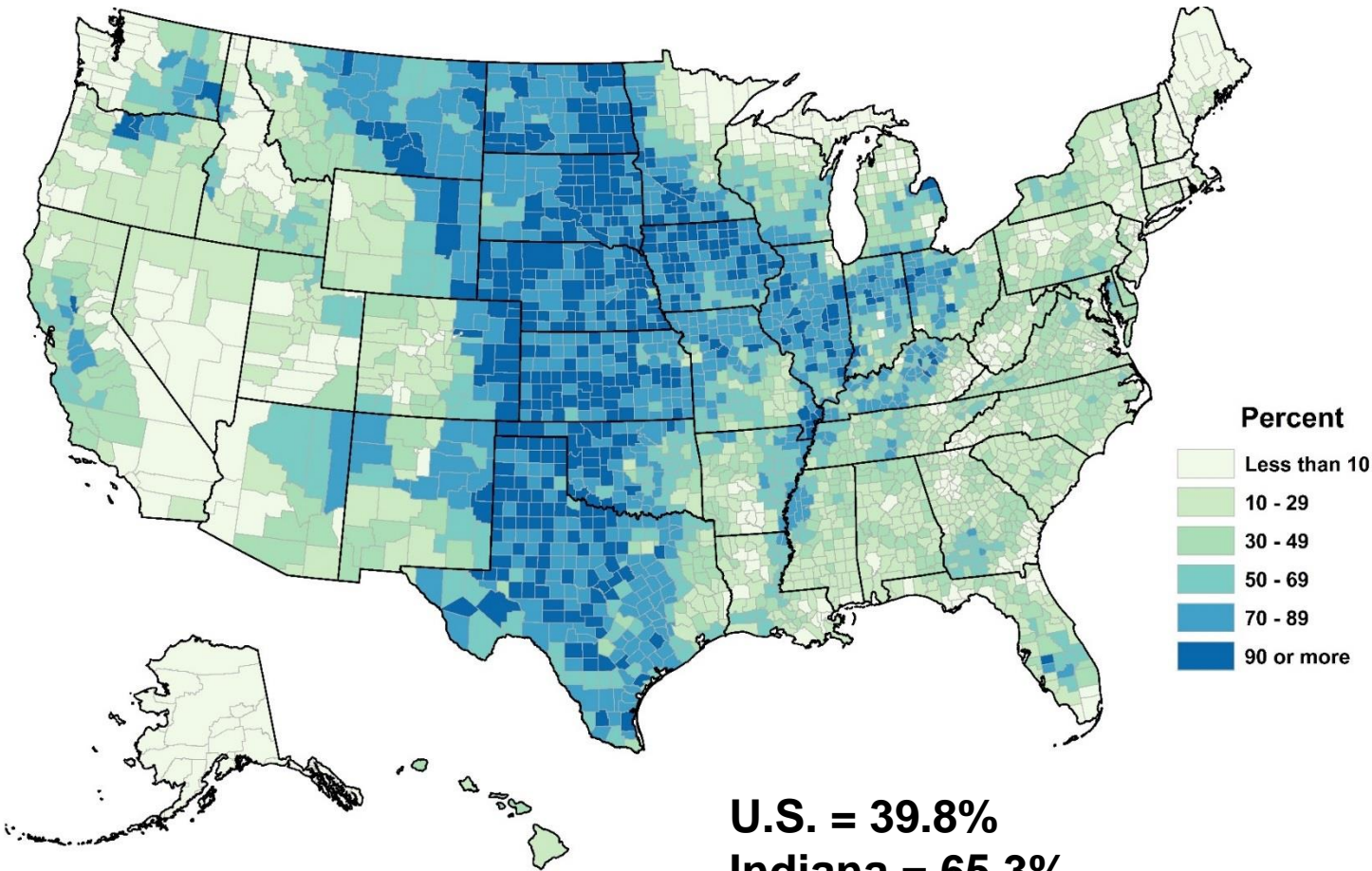


Top 10 Counties	2017
LaGrange	2,144
Elkhart	1,667
Allen	1,548
Adams	1,450
Daviess	1,230
Harrison	1,054
Kosciusko	1,042
Noble	1,015
Ripley	879
Washington	865



# Land in Farms, 2017

As a Percent of Total, by County

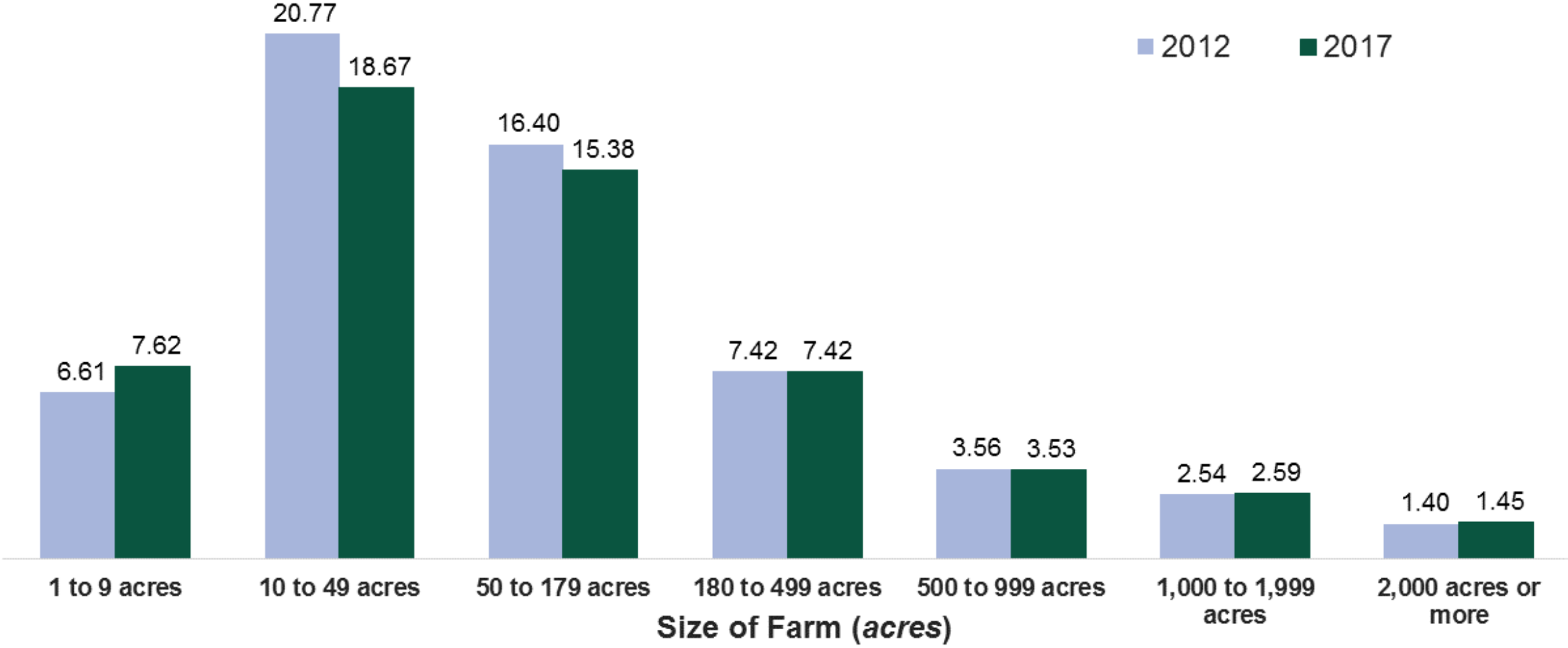


**U.S. = 39.8%**  
**Indiana = 65.3%**

Type of Use	Acres (millions)
Total	15.0
Permanent Pasture	0.5
Cropland	12.9
<i>Harvested Cropland</i>	12.3
Woodland	1.0
Other	0.5

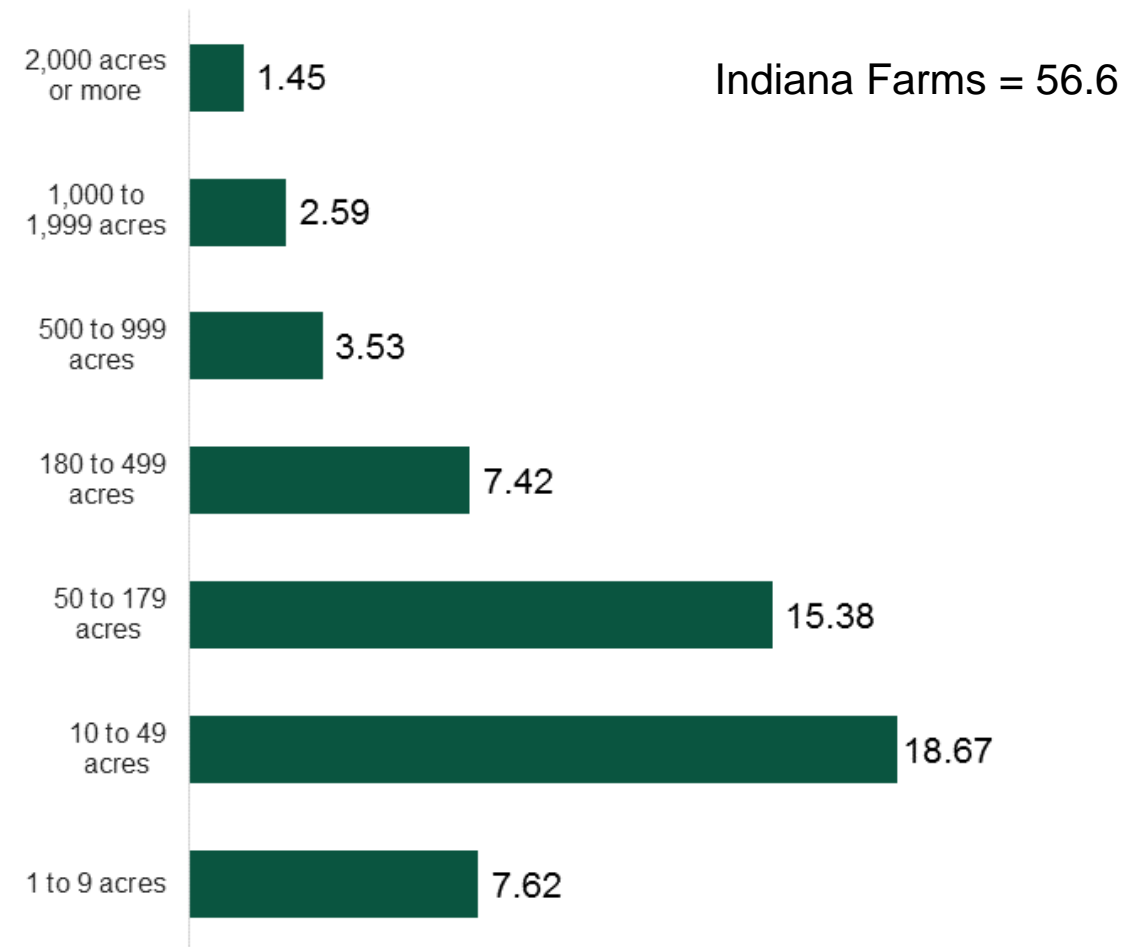


# Number of Farms, by Size Category, 2012 and 2017 (thousands)

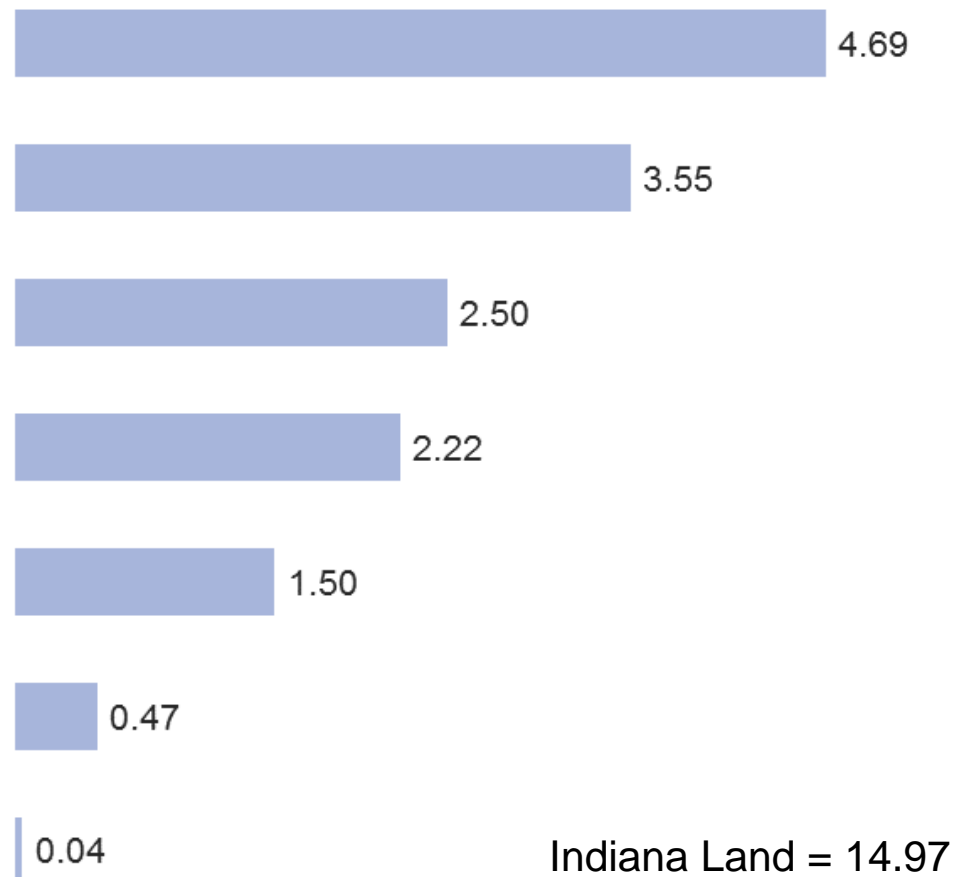


# Number of Farms and Land in Farms, by Size Category, 2017

## 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

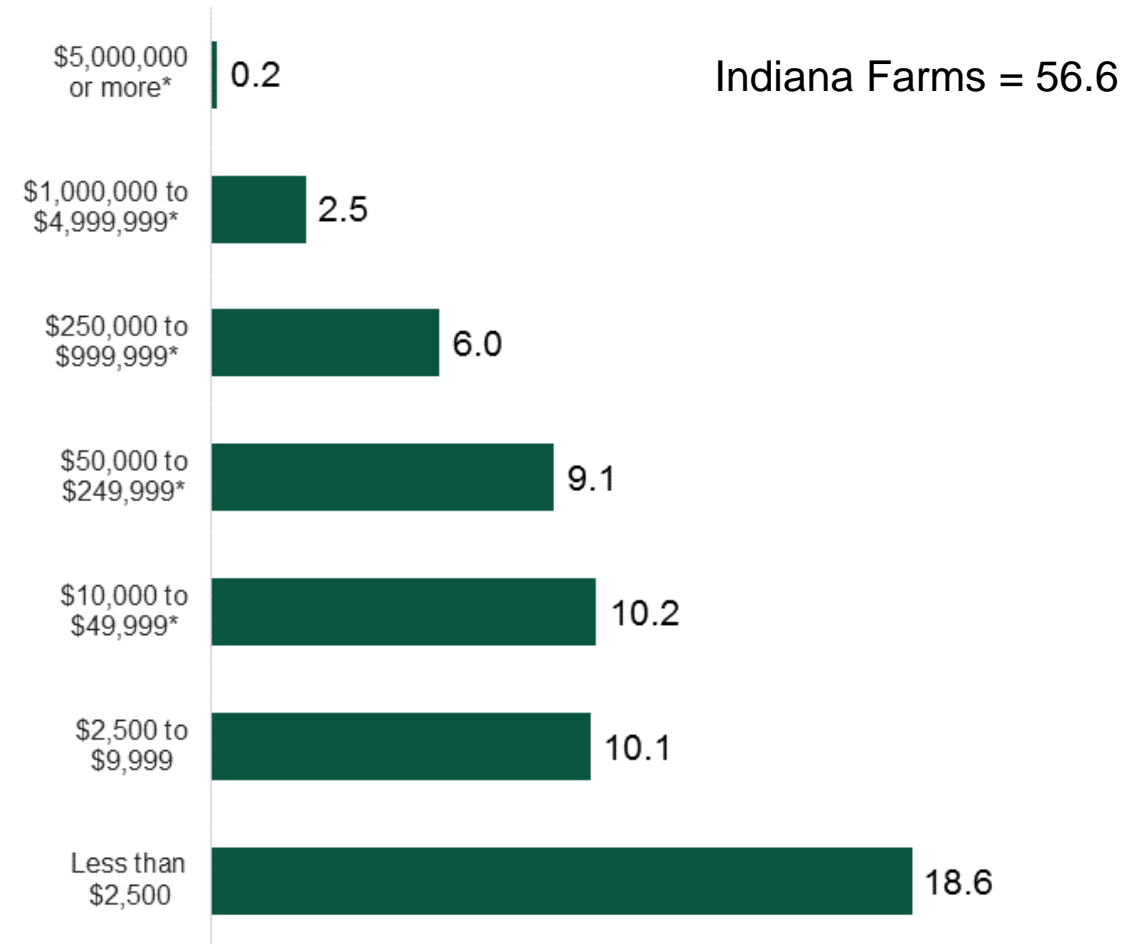
# Number of Farms, by Sales Category, 2012 and 2017 (thousands)



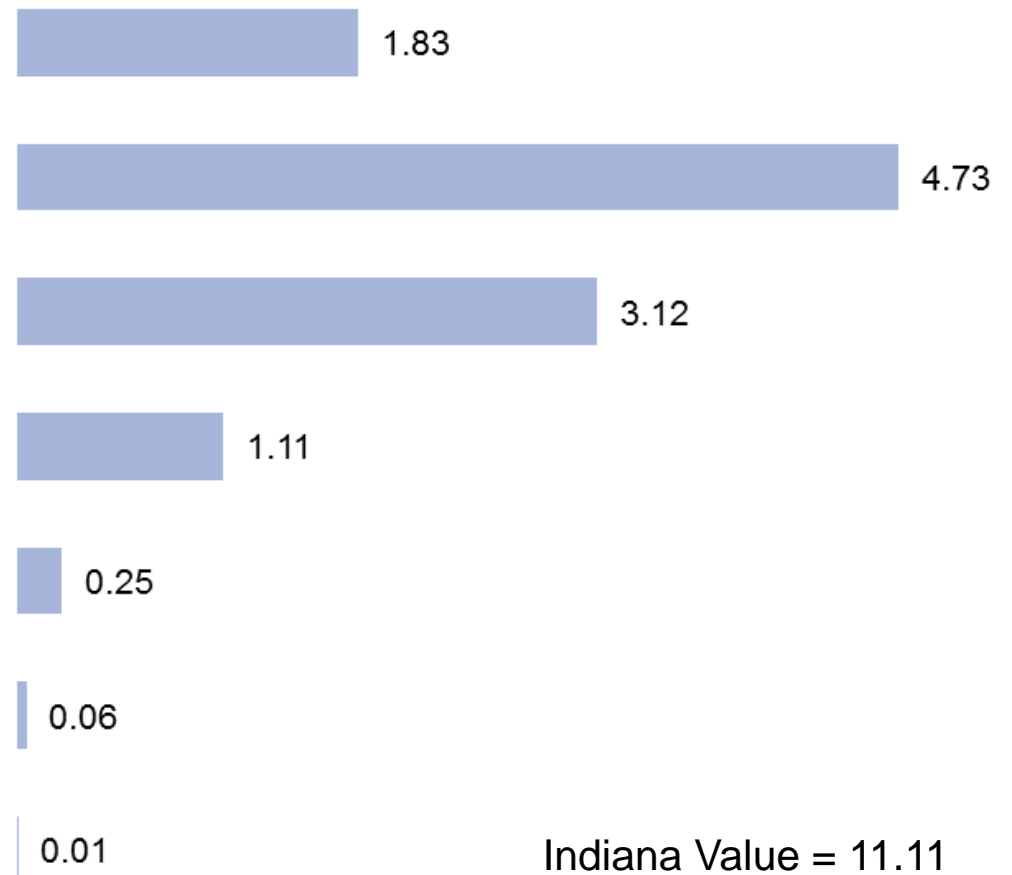


# Farms and Value of Production, by Sales Category, 2017

Number of Farms (thousands)

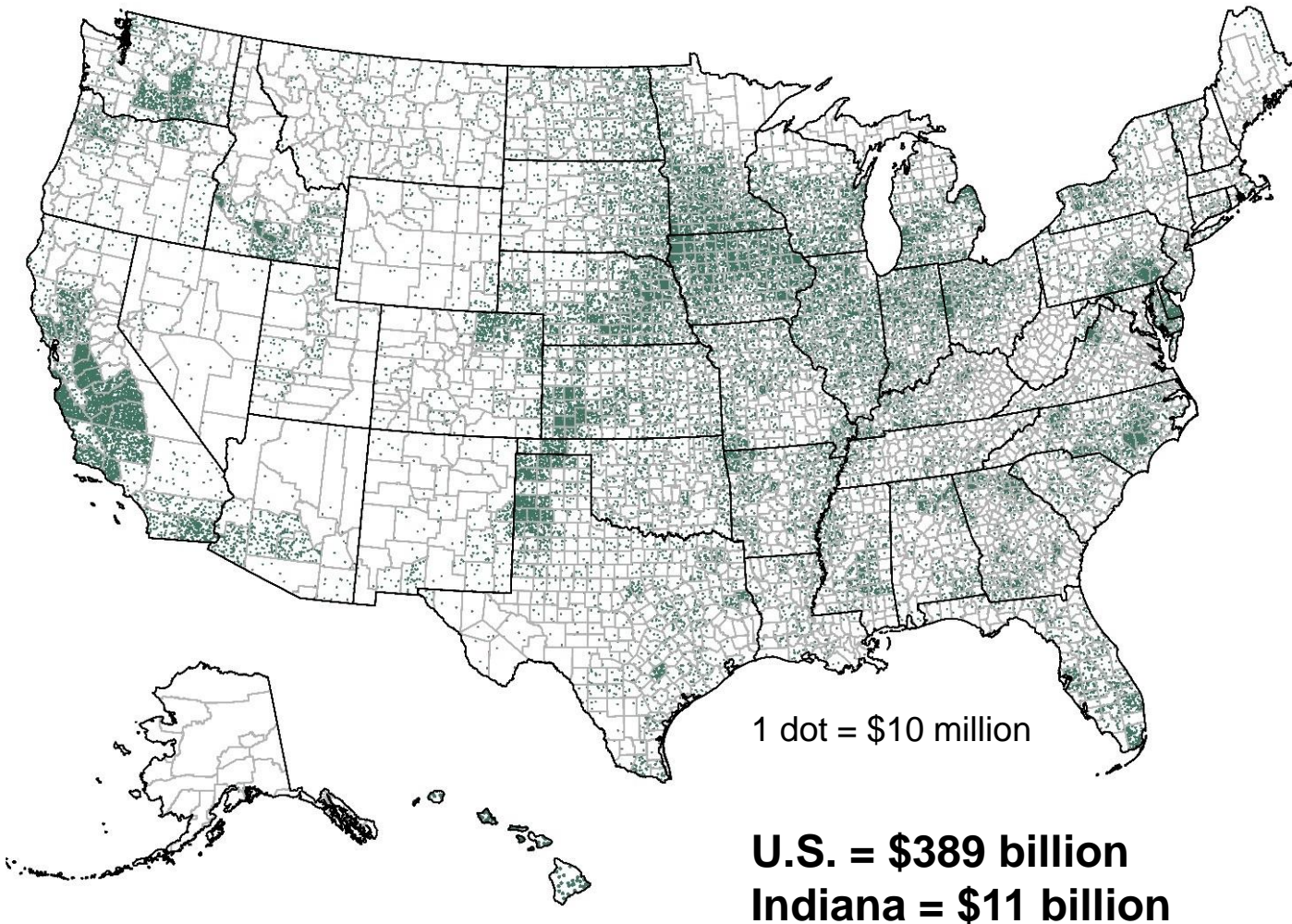


Value of Production (\$ billions)



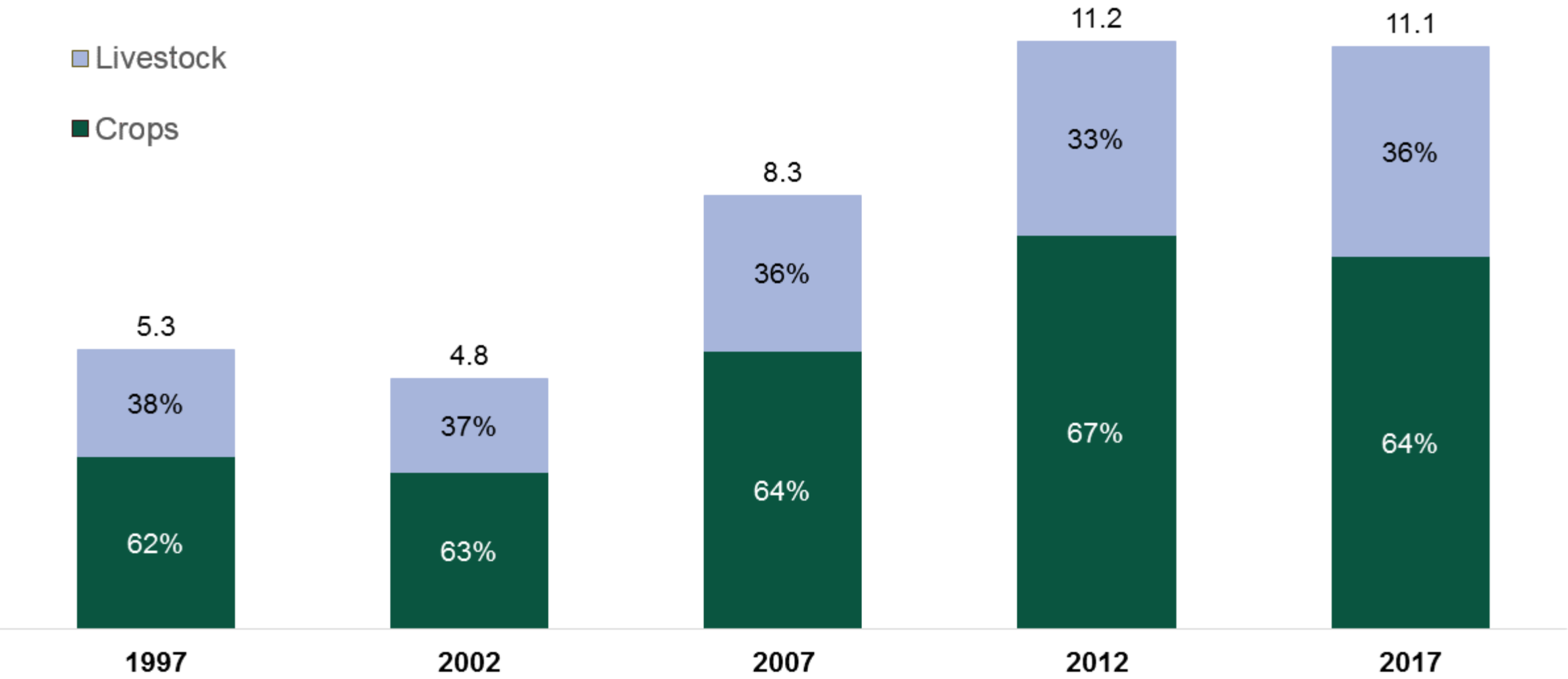
# Total Value of Agricultural Production by Location, 2017

## TVP by County



Top 10 Counties	TVP (\$ millions)
Jay	373
Jasper	299
Elkhart	298
Kosciusko	298
Adams	283
LaGrange	276
Daviess	271
White	257
Carroll	250
Dubois	249

# 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
Total Sales	56,649	11,107,336	(X)	100
Grains & Oilseeds	26,839	6,728,274	1	60.6
Poultry & Eggs	4,337	1,357,590	2	12.2
Hogs & Pigs	2,937	1,354,270	3	12.2
Milk from Cows	1,290	708,425	4	6.4
Cattle & Calves	13,529	510,529	5	4.6
Vegetables, Melons & Potatoes	1,455	135,978	6	1.2
Nursery, Greenhouse, Floriculture & sod	900	131,581	7	1.2
Other crops & hay	12,518	103,056	8	0.9
Horses, Ponies & Mules	2,418	27,999	9	0.3
Fruits, Tree Nuts & Berries	846	15,970	10	0.1



# Farm Production Expenses, 2017

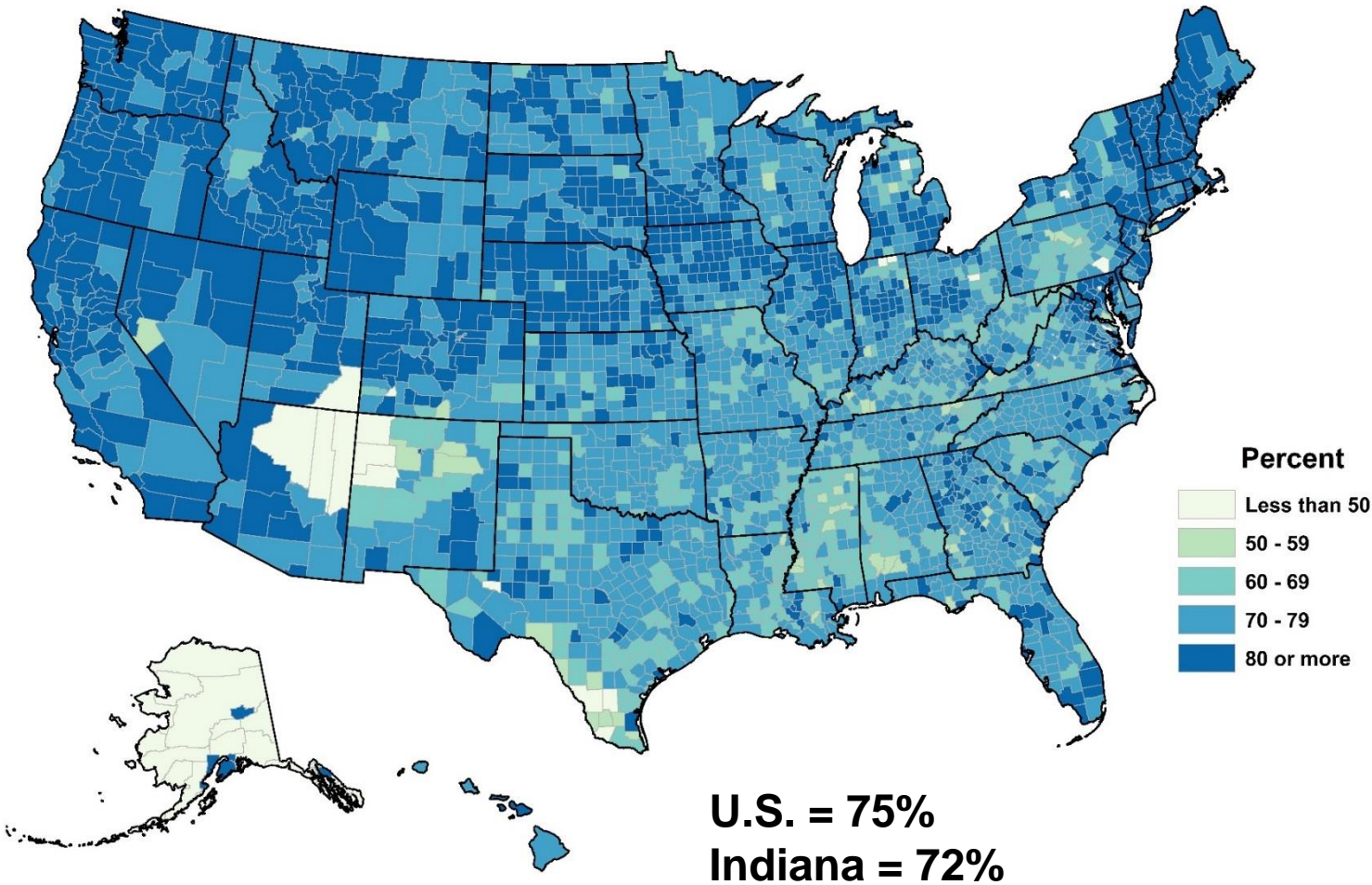
Farm Expenses	(000) Dollars
Feed	1,401,597
Cash rents	1,175,885
Fertilizer	1,034,849
Seeds	955,024
Depreciation	907,011
Chemicals	619,764
Supplies and repairs	545,062
Labor	540,959
Ag Services, other	522,327
Interest	417,576
Fuels	369,510

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

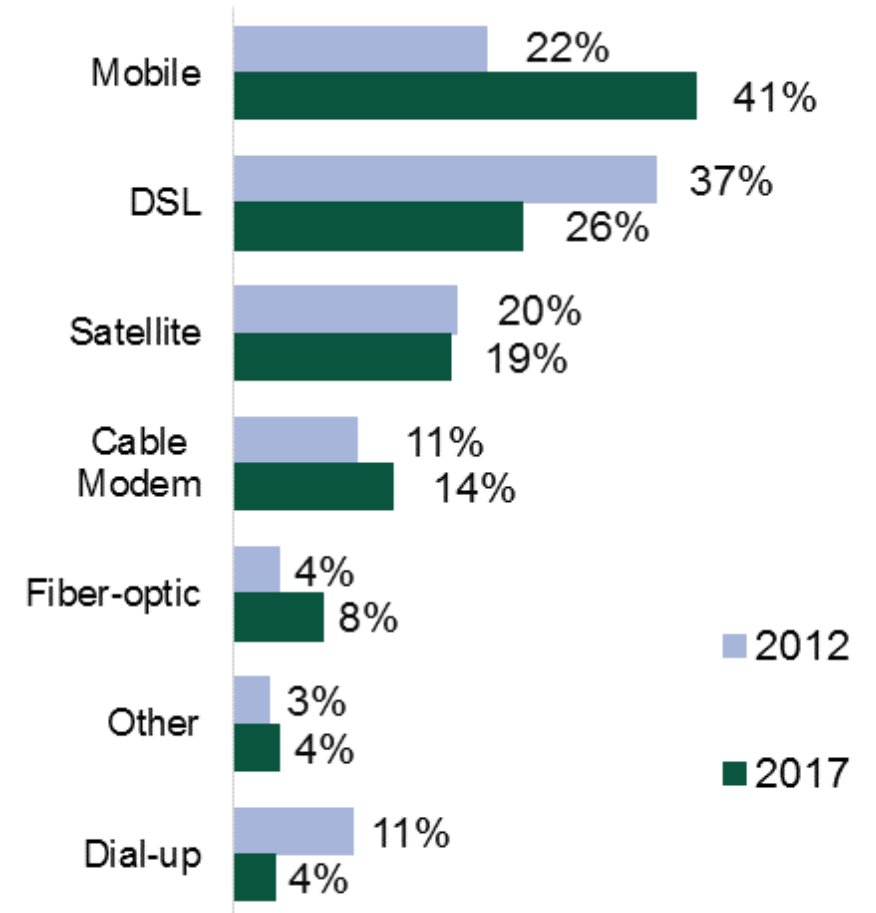
	2012	2017	% change
Value of ag products sold	11,211	11,107	-1
Government payments	267	343	+28
Farm-related income	742	517	-30
Production expenses	9,117	9,125	+0
Net income	3,103	2,842	-8
Per farm average net income (dollars)	\$52,861	\$50,171	-5

# Farms with Internet Access

As a Percent of Total, by County, 2017



By Type, 2012 and 2017 (percent)



# Demographics of Farm Producers

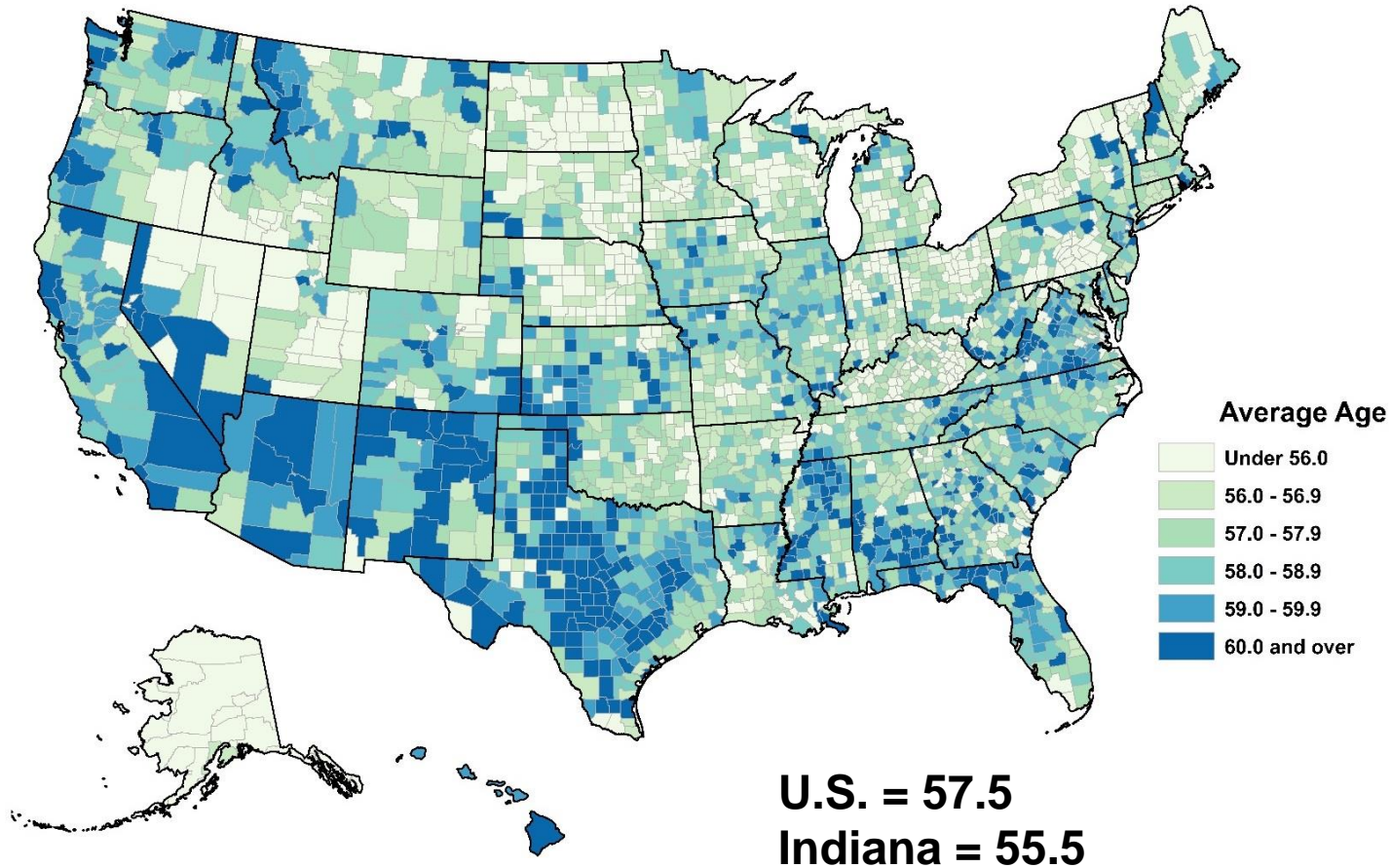
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- Average Age of Producers
- Young Producers
- New and Beginning Producers
- Producers with Military Service
- Farm and Producer Characteristics by Sex/Race/Ethnicity



# Average Age of Producers

All Producers, by County, 2017

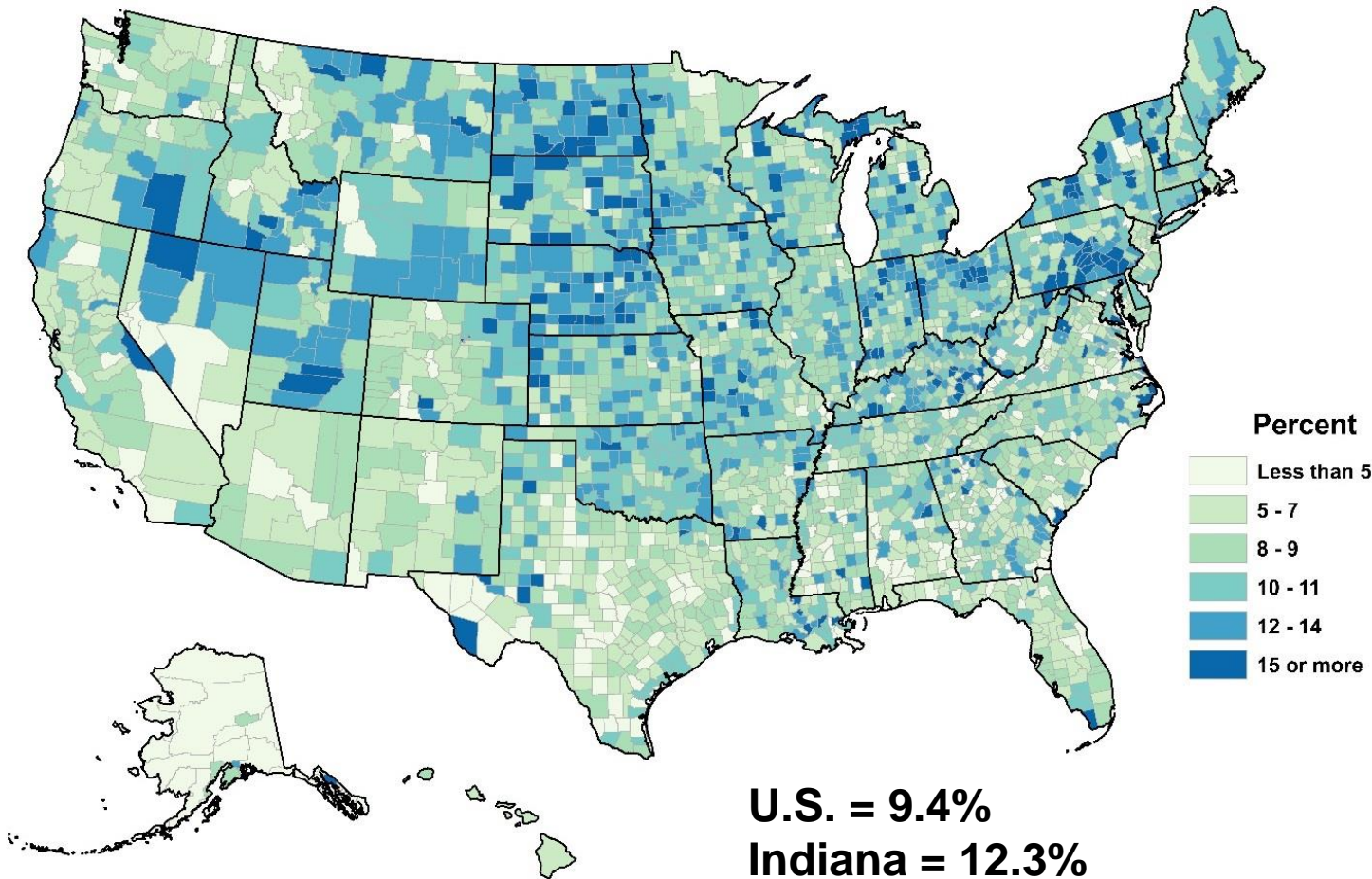


## All Producers, 2007 - 2017

2007	52.9
2012	53.9
2017	55.5

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

As a Percent of All, by County



## Producers

	Young	All
Number	11,603	94,350
Average age	29.5	55.5

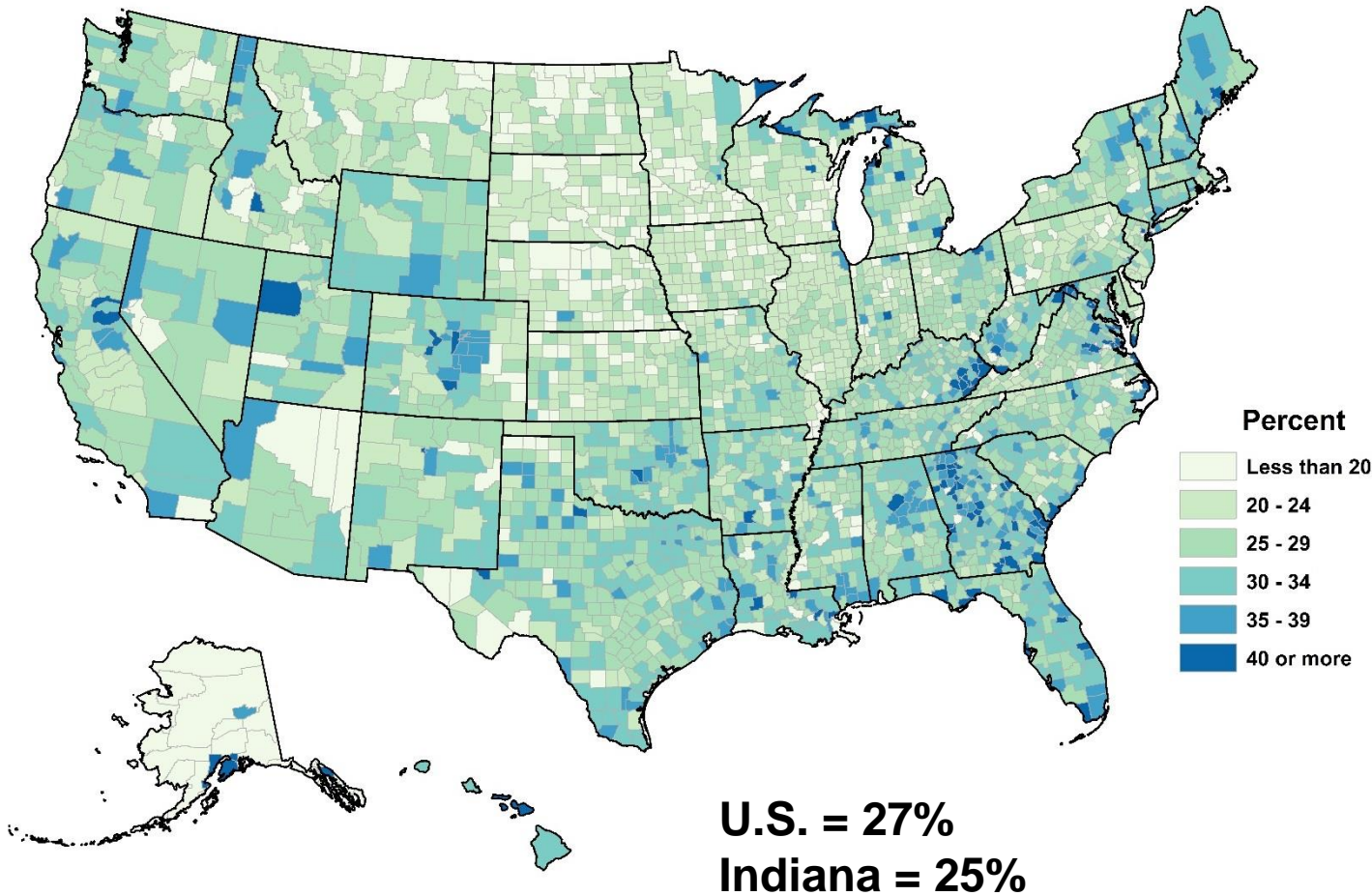
## Farms

Number	8,293	56,649
Average farm size (acres)	253	264
Average TVP	\$246,840	\$196,073



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

As a Percent of All, by County



## Producers

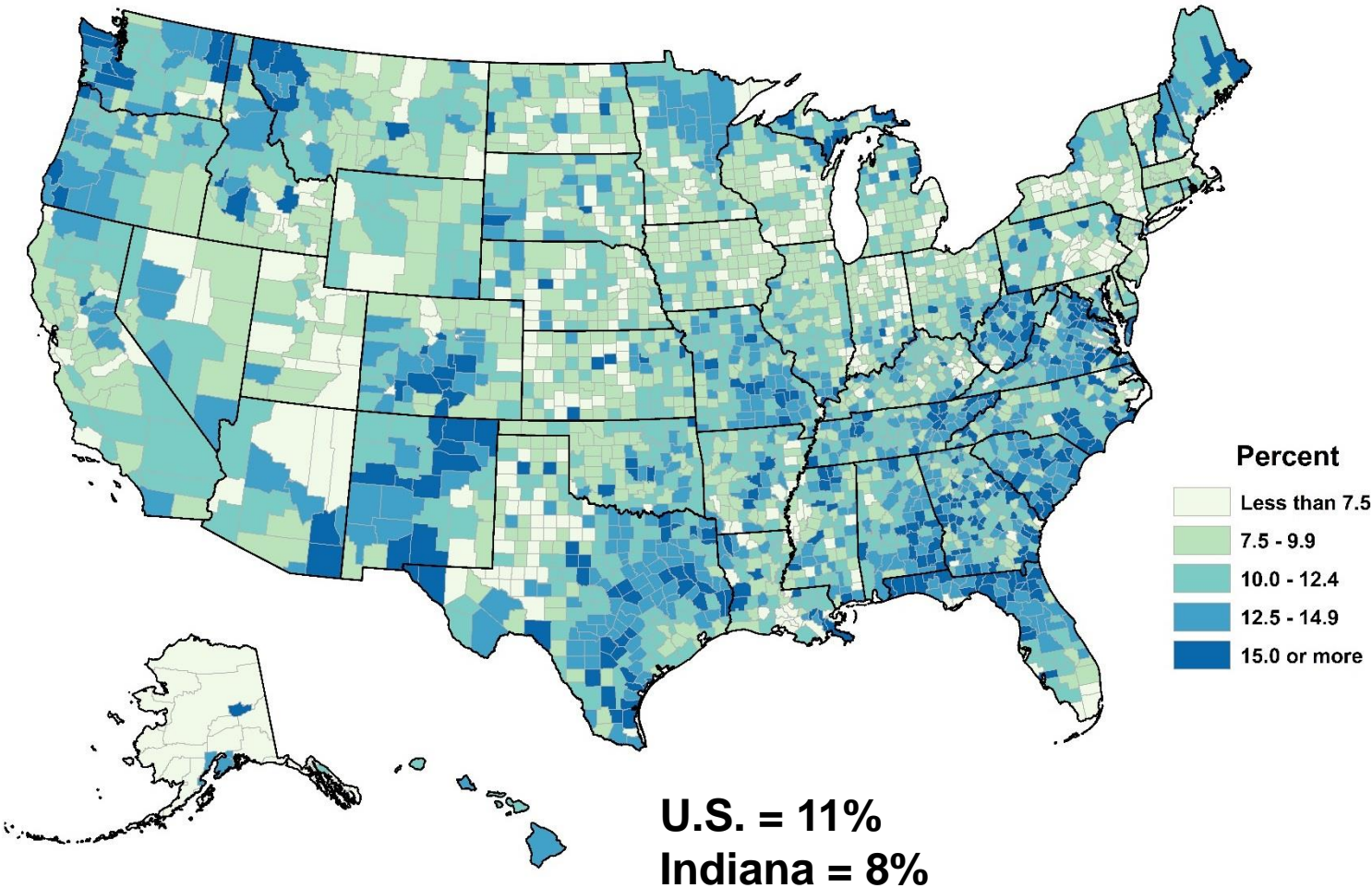
	New and Beginning	All
Number	23,262	94,350
Average age	42.4	55.5

## Farms

Number	15,353	56,649
Average farm size (acres)	177	264
Average TVP	\$155,787	\$196,073

# Producers with Military Service, 2017

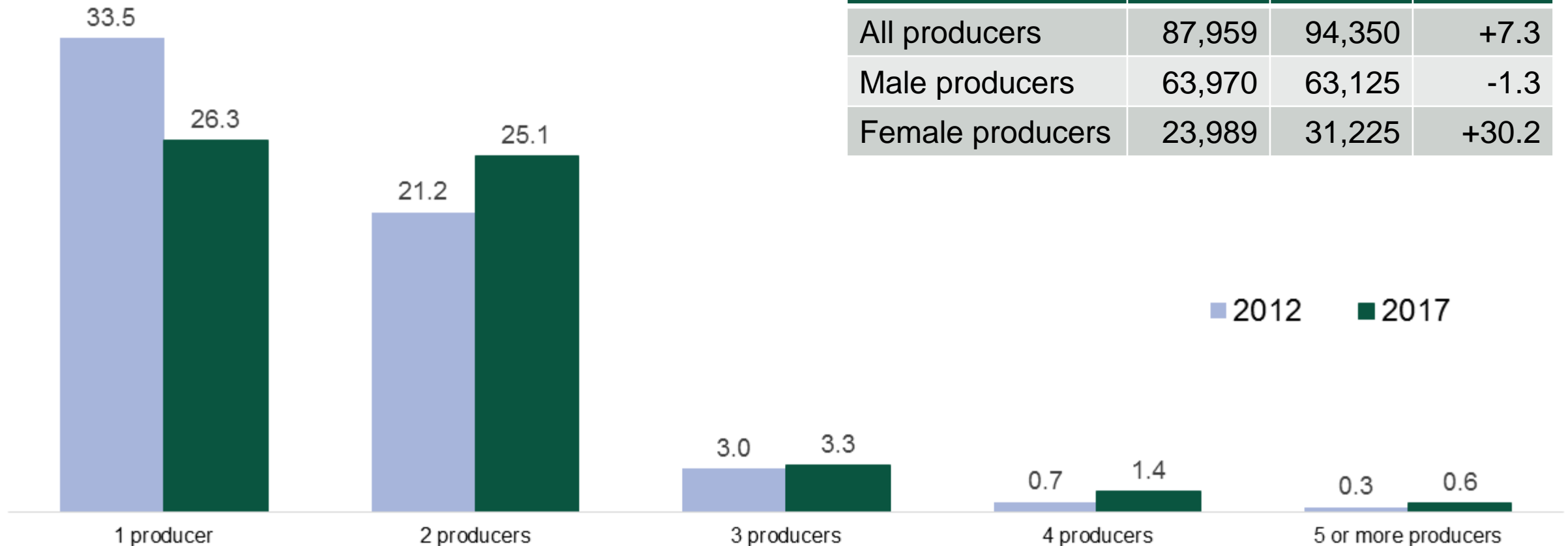
As a Percent of All, by County



Producers		
	With Military Service	All
Number	7,921	94,350
Average age	69	55.5
Farms		
Number	7,698	56,649
Average farm size (acres)	218	264
Average TVP	\$118,450	\$196,073

# Farm Structure, 2012 and 2017

## Farms by Number of Producers (thousands)



## Producers by Sex

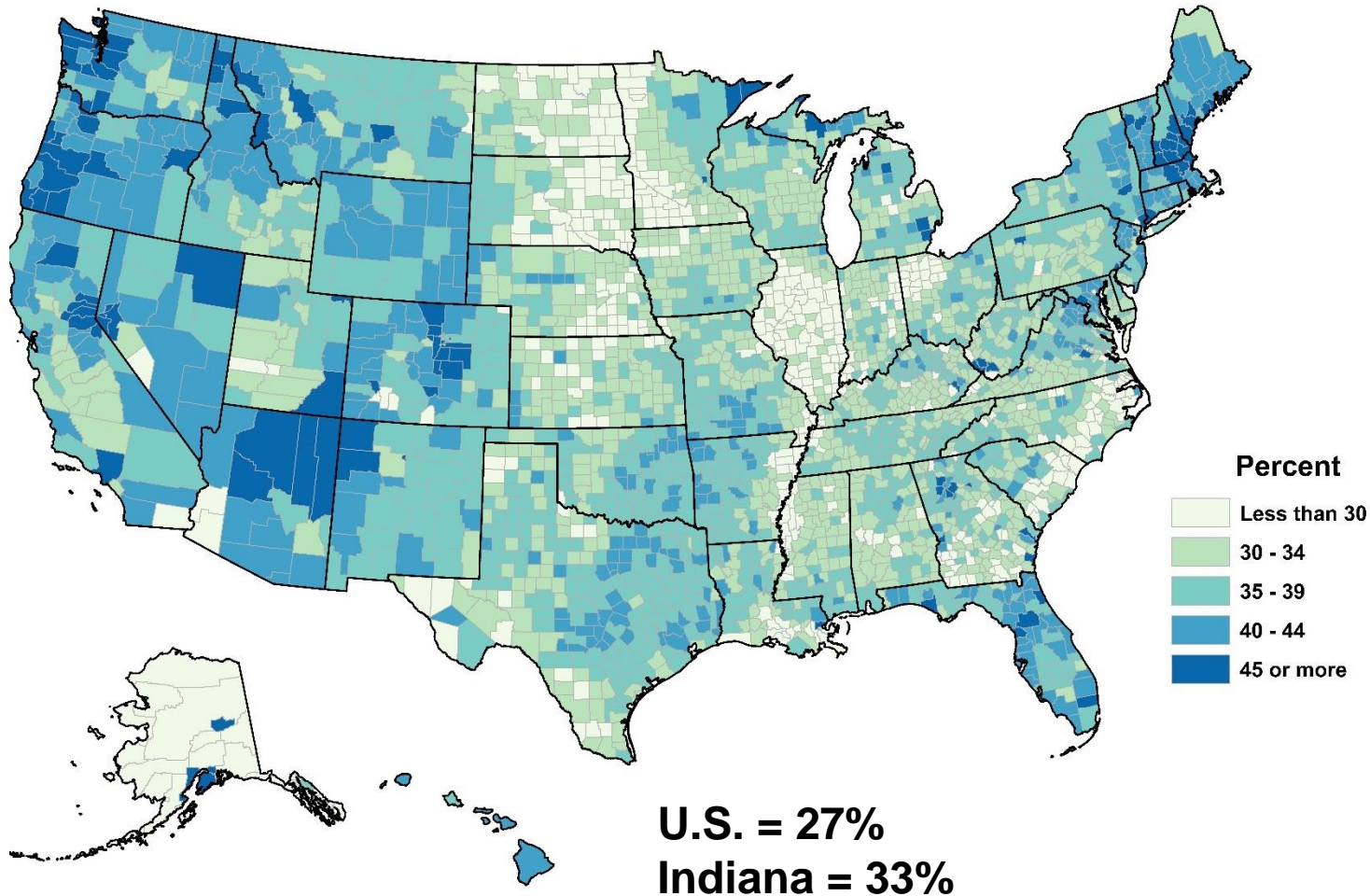
	2012	2017	% change
All producers	87,959	94,350	+7.3
Male producers	63,970	63,125	-1.3
Female producers	23,989	31,225	+30.2

■ 2012 ■ 2017



# Producers by Sex, 2017

## Female Producers as a Percent of Total

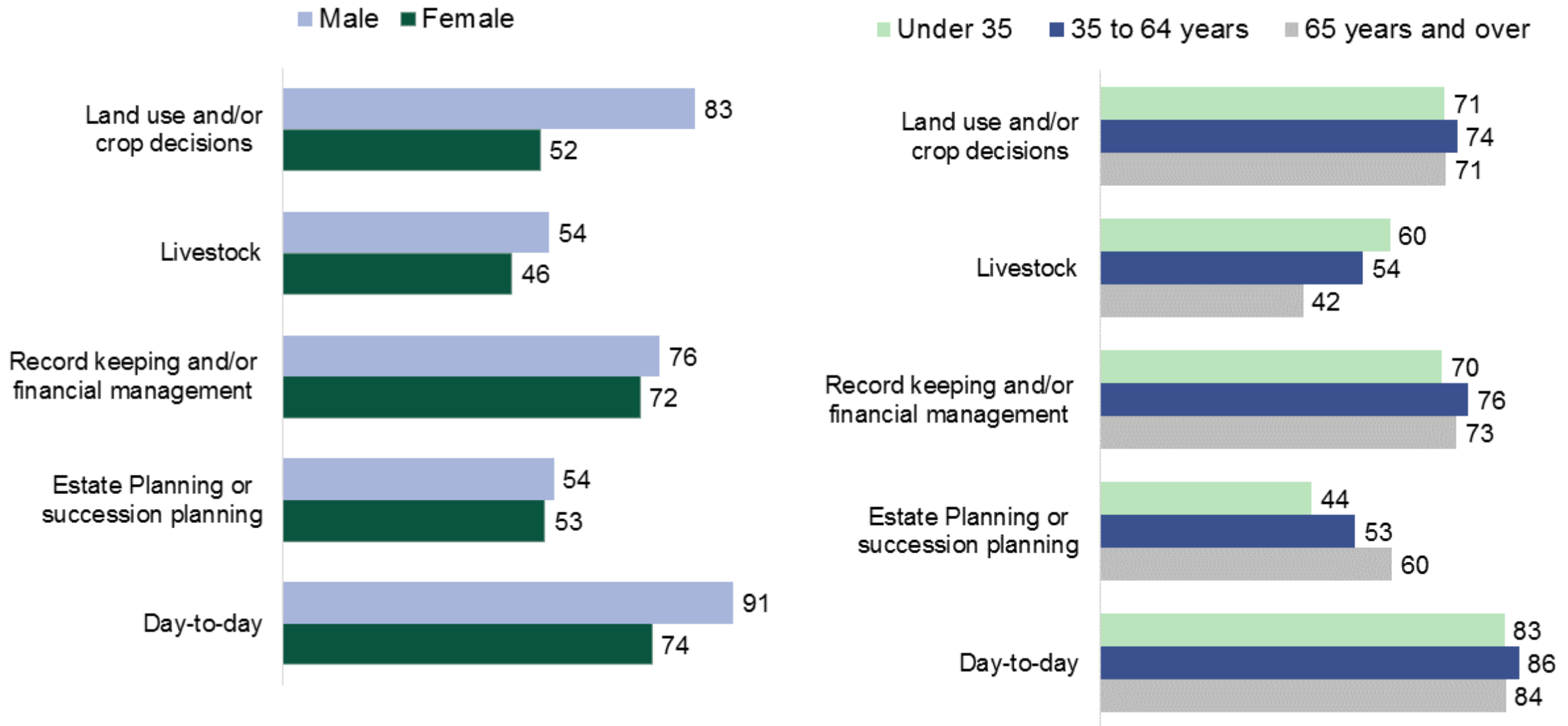


Producers		
	Female	Male
Number	31,225	63,125
Average age	55	55.7
Farms		
Number	29,097	53,232
Average farm size (acres)	202	276
Average TVP	\$145,626	\$206,587

# Characteristics by Ethnicity and Race, 2017

Producers						
	Hispanic	American Indian or Alaska Native	Asian	Black	Native Hawaiian or Pacific Islander	White
Number	753	325	127	186	38	93,961
Average age	53.5	56.1	51.8	56.8	54.9	55.5
Farms						
Number	627	281	112	148	33	56,509
Average farm size (acres)	240	137	68	130	152	265
Average TVP	\$159,606	\$70,278	\$33,295	\$78,392	(D)	\$196,439

# 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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