



2017 Census of Agriculture Data Release

Minnesota

Agenda

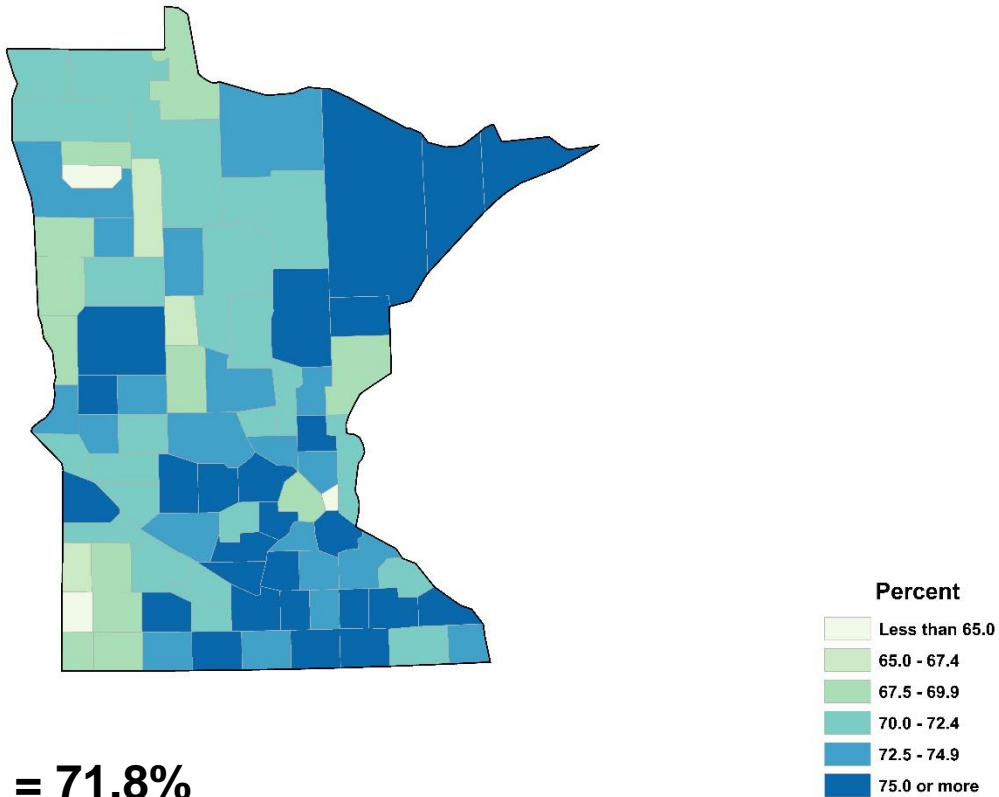
- Census Data Collection
- Farms and Ranches
- Economics
- Demographics
- Future Census Products

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 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

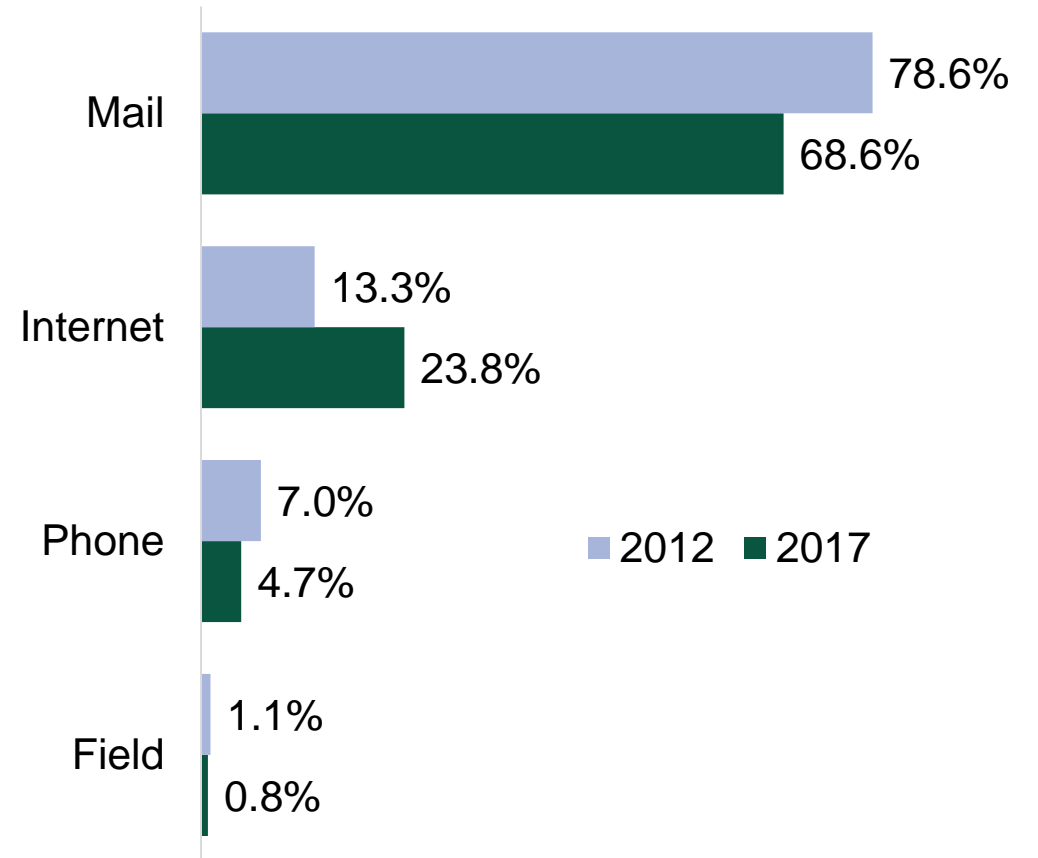
Census Data Collection

Response Rate by County, 2017



U.S. = 71.8%
Minnesota = 73.2%

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

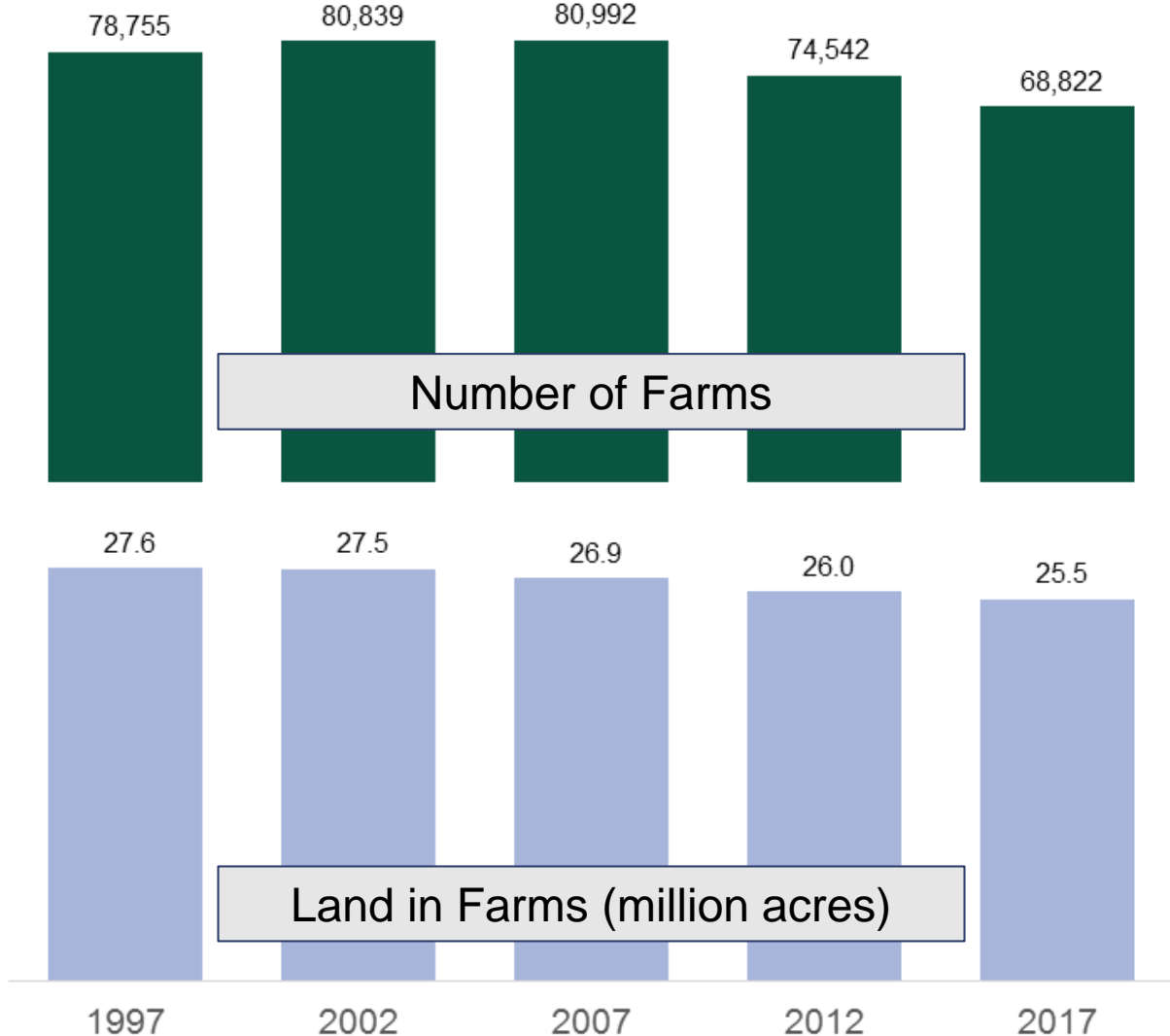


Farms and Land in Farms

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.”

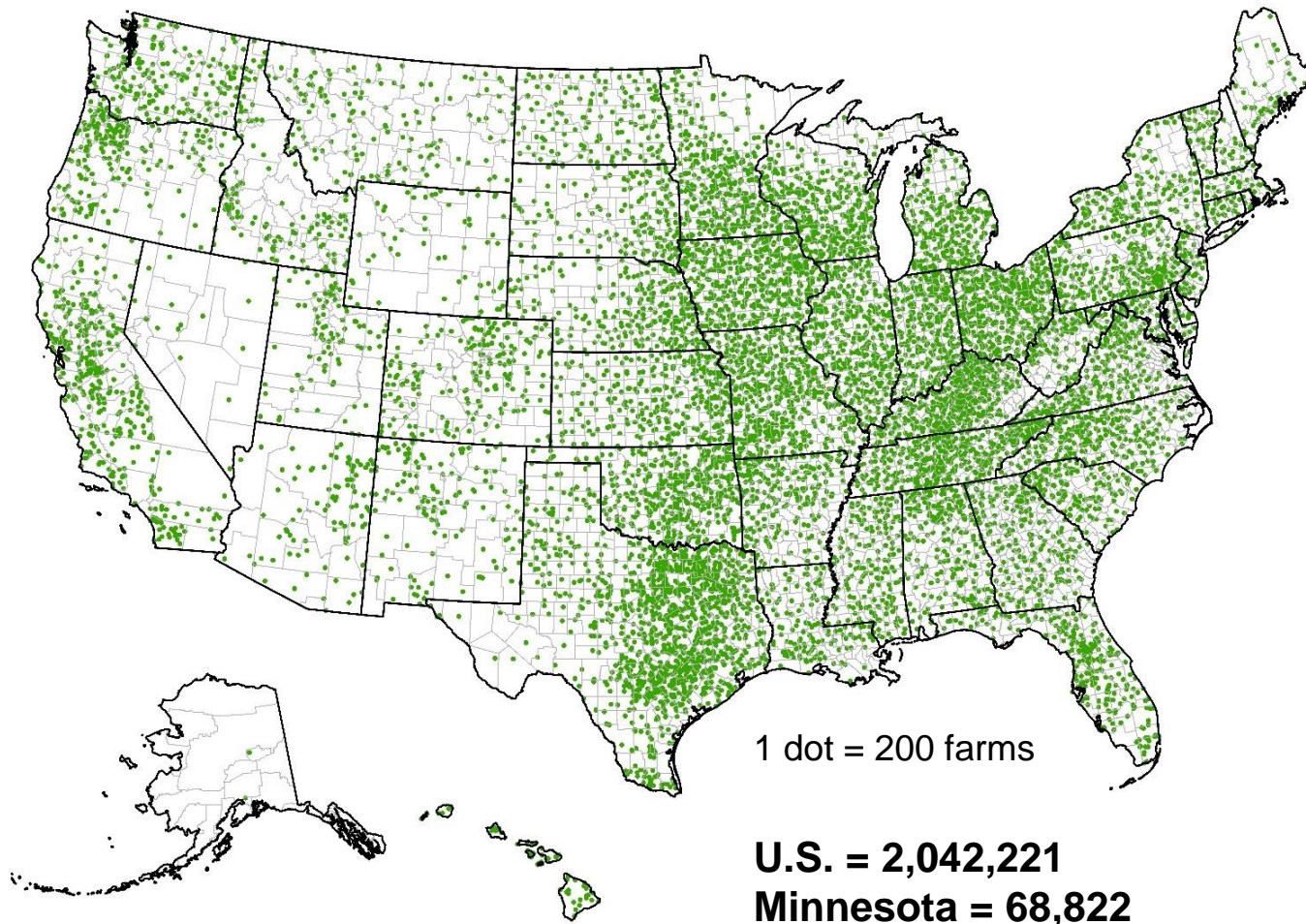
Number of Farms and Land in Farms, 1997-2017, Minnesota



	2012	2017	% change
Number of Farms			
	74,542	68,822	-7.7
Land in farms (million acres)			
	26.0	25.5	-2.0
Average farm size (acres)			
	349	371	+6.3

Number of Farms, 2017

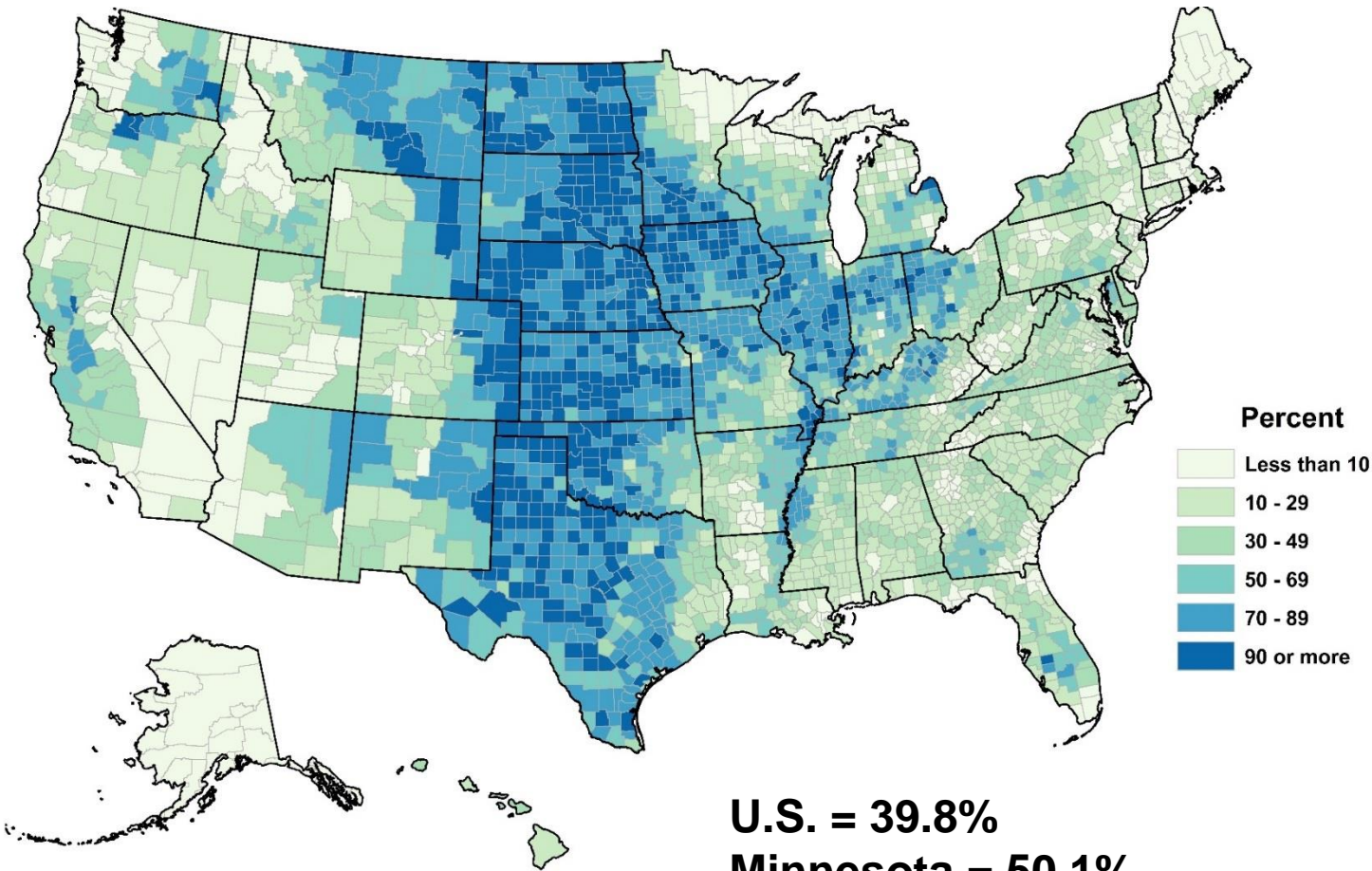
By County



Top 10 Counties	2017
Stearns	2,951
Otter Tail	2,544
Morrison	1,760
Todd	1,604
Goodhue	1,461
Fillmore	1,401
Wright	1,338
Polk	1,258
Rice	1,242
Kandiyohi	1,220

Land in Farms, 2017

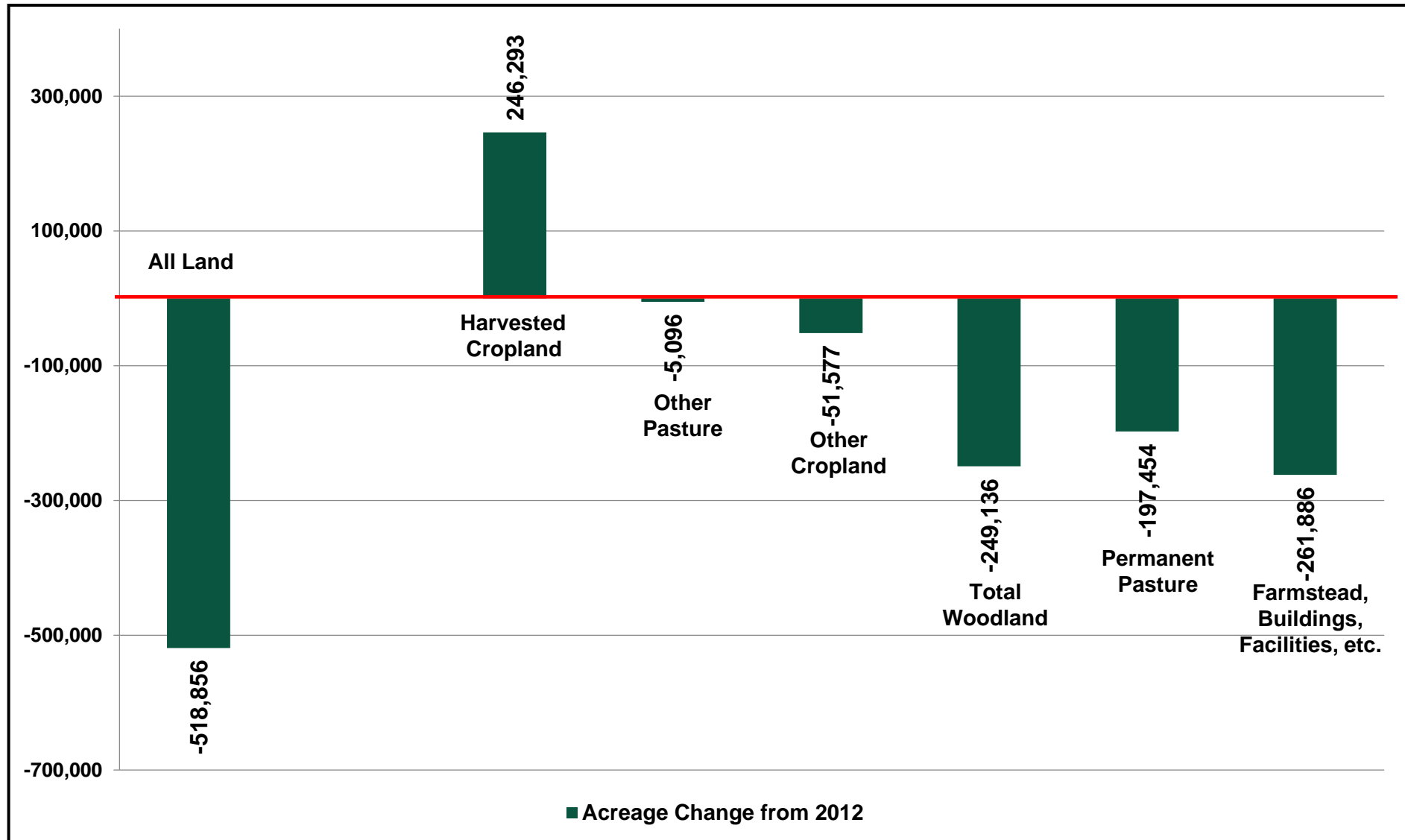
As a Percent of Total, by County



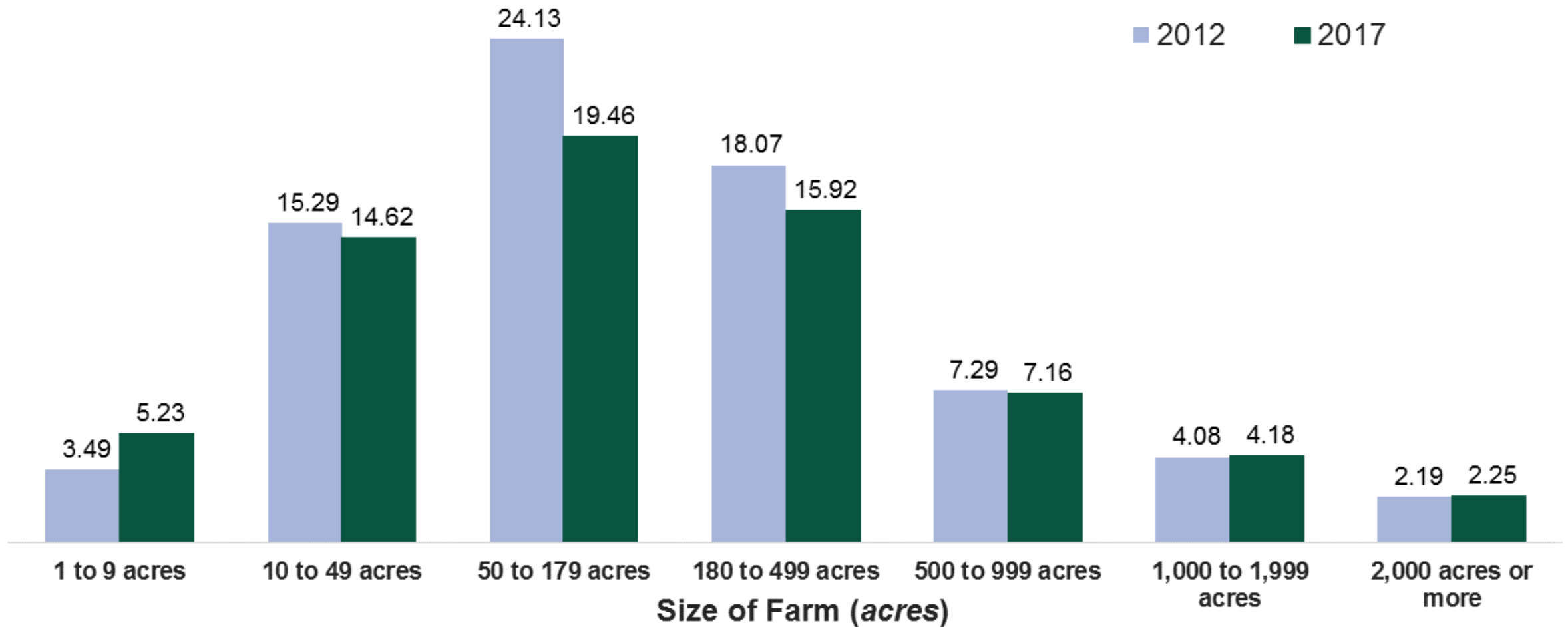
U.S. = 39.8%
Minnesota = 50.1%

Type of Use	Acres (millions)
Total	25.5
Permanent Pasture	1.1
Cropland	21.8
<i>Harvested Cropland</i>	20.1
Woodland	1.4
Other	1.3

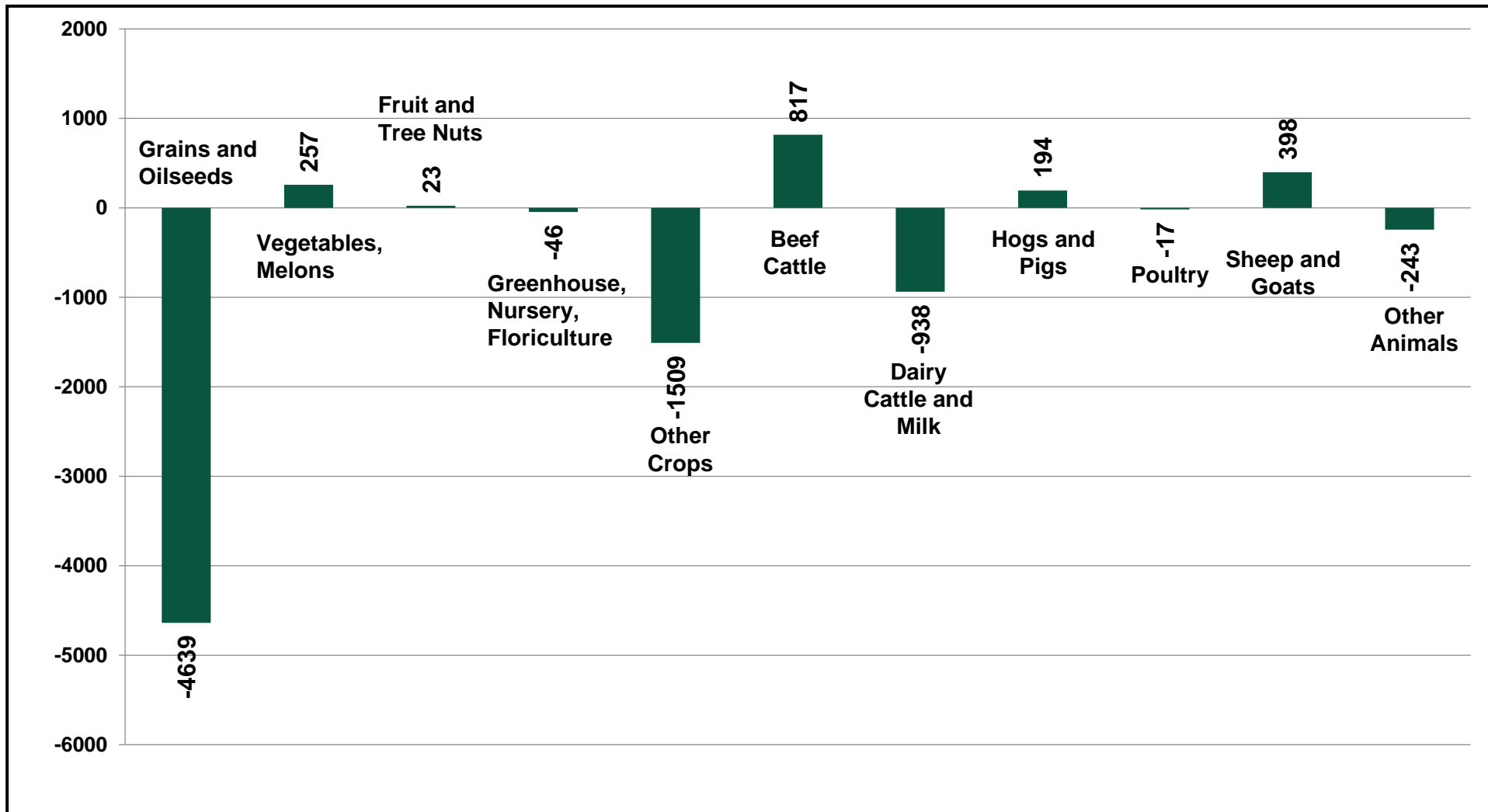
Land in Farms, by Type of Land, Change from 2012, Minnesota



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

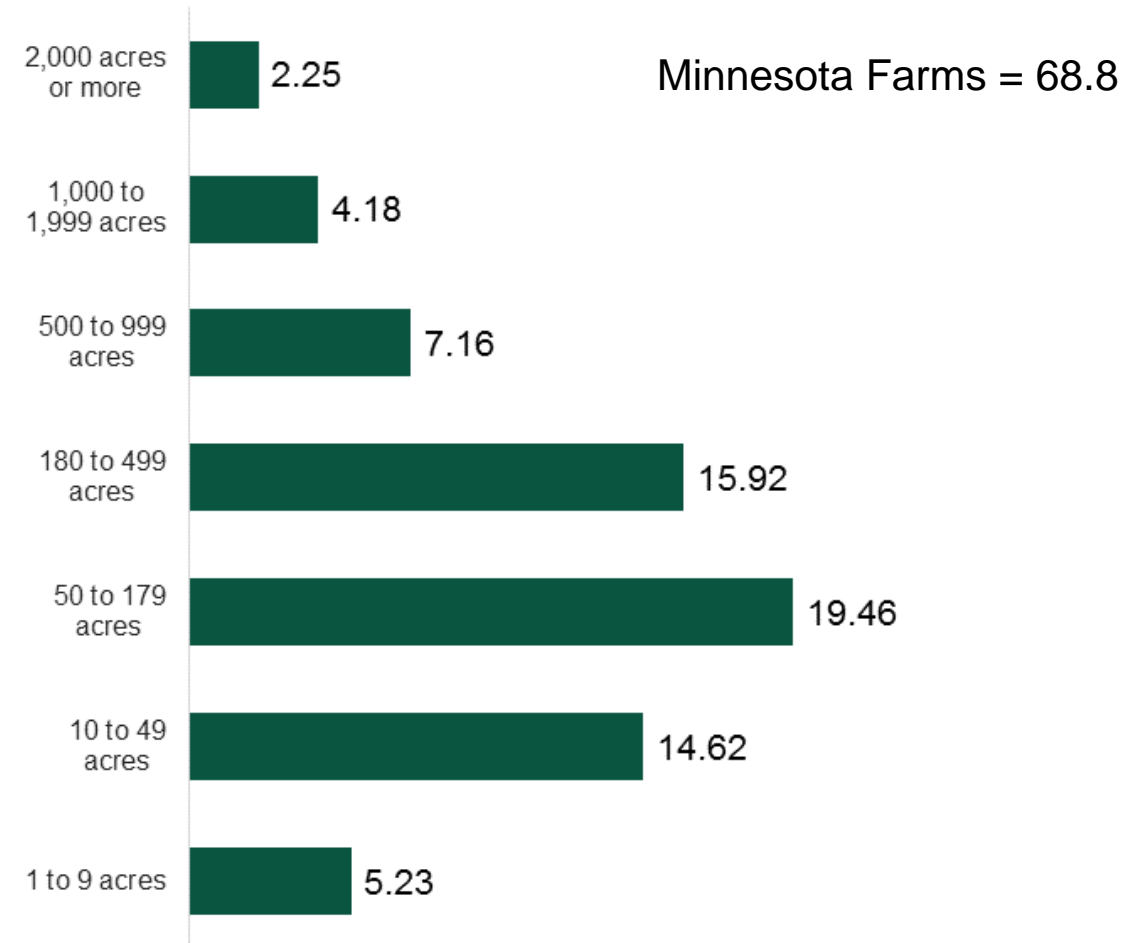


Number of Farms by NAICS Classification of Farm Type, Change from 2012, Minnesota

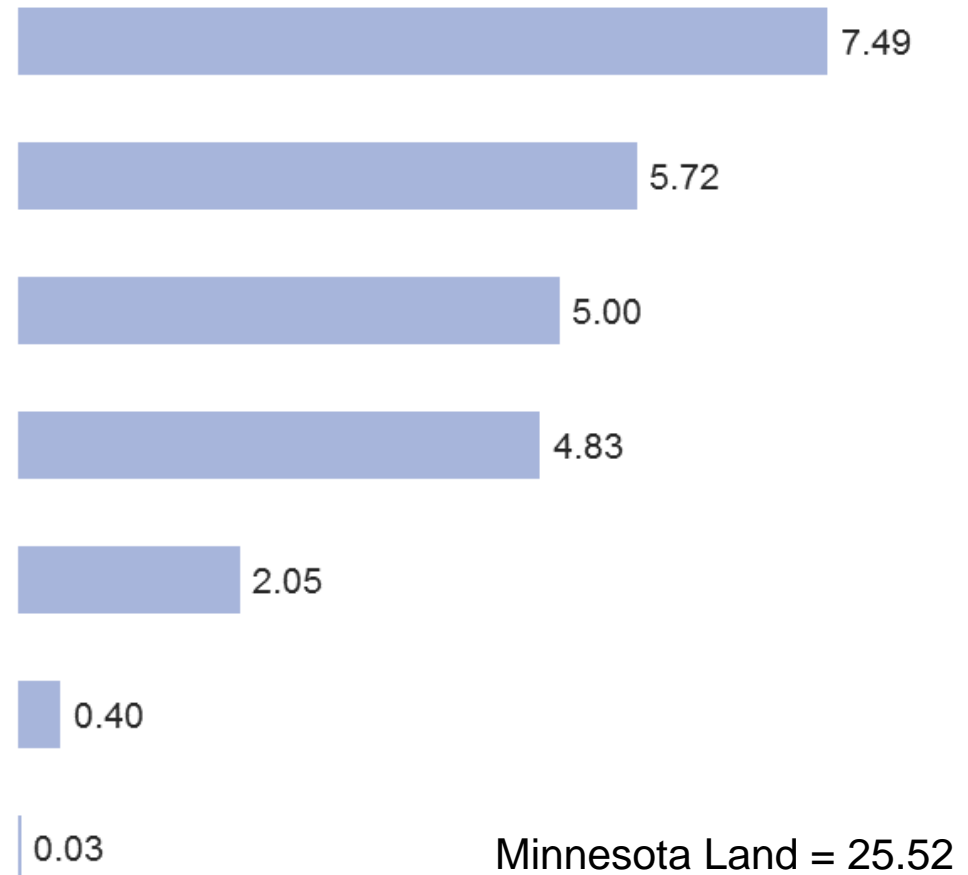


Number of Farms and Land in Farms, by Size Category, 2017, Minnesota

Number of Farms (thousands)



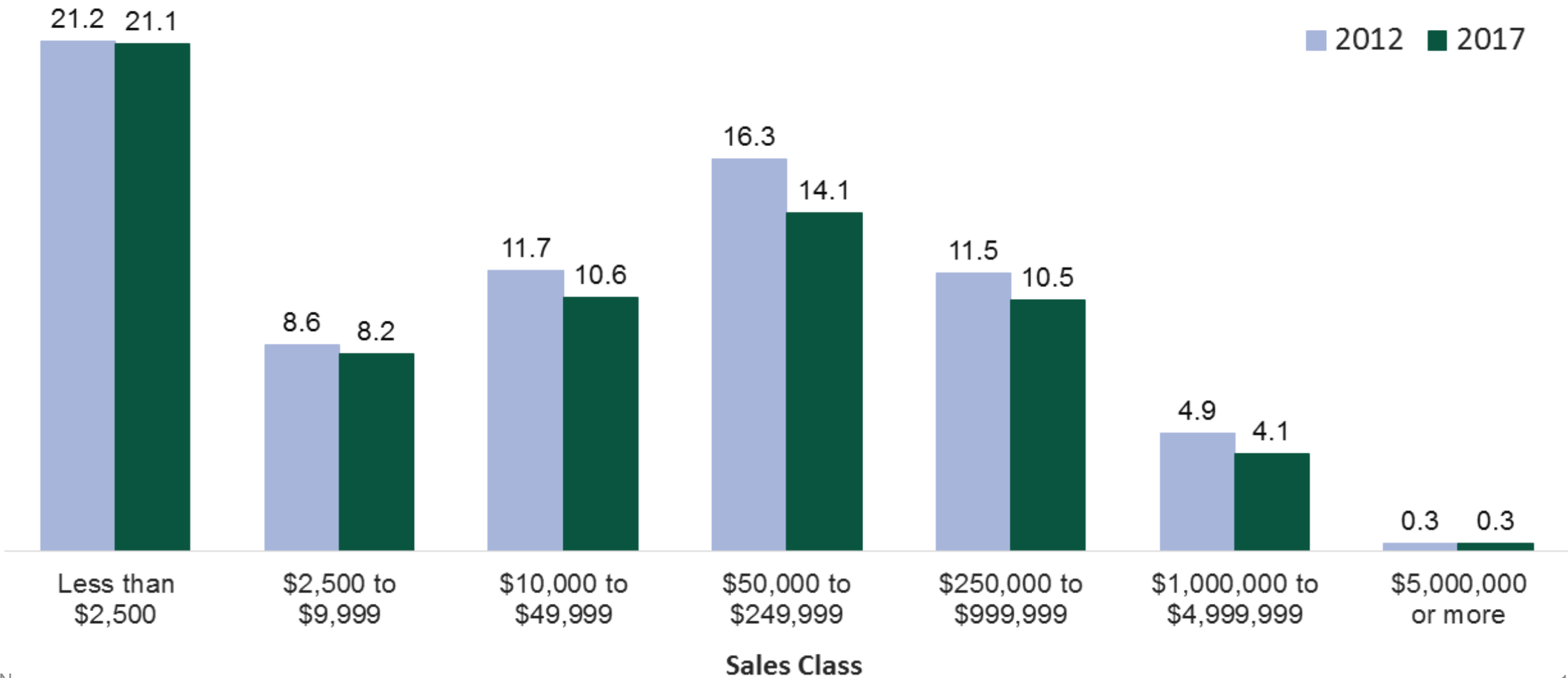
Land in Farms (million acres)



Economics

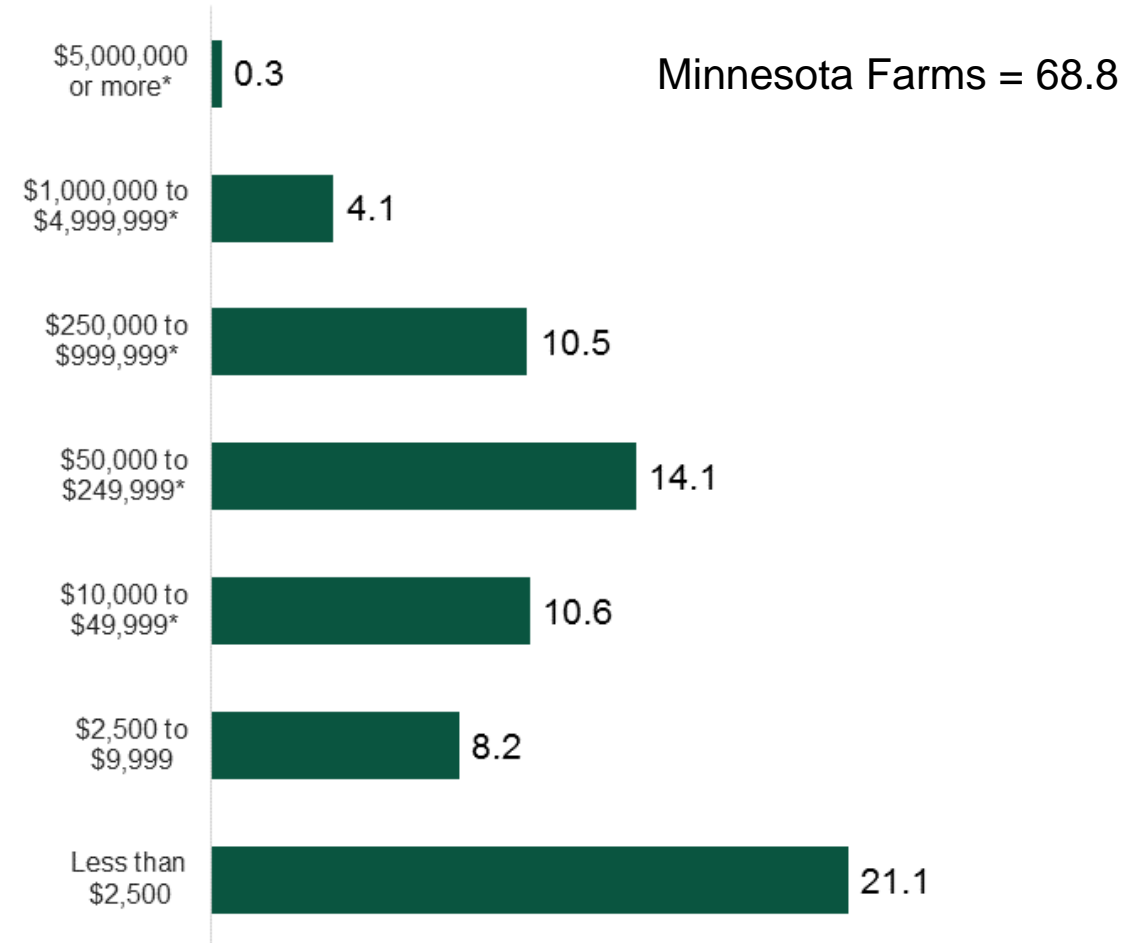
- Total Value of Agricultural Production
- Crop and Livestock Sales
- Farm Income

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

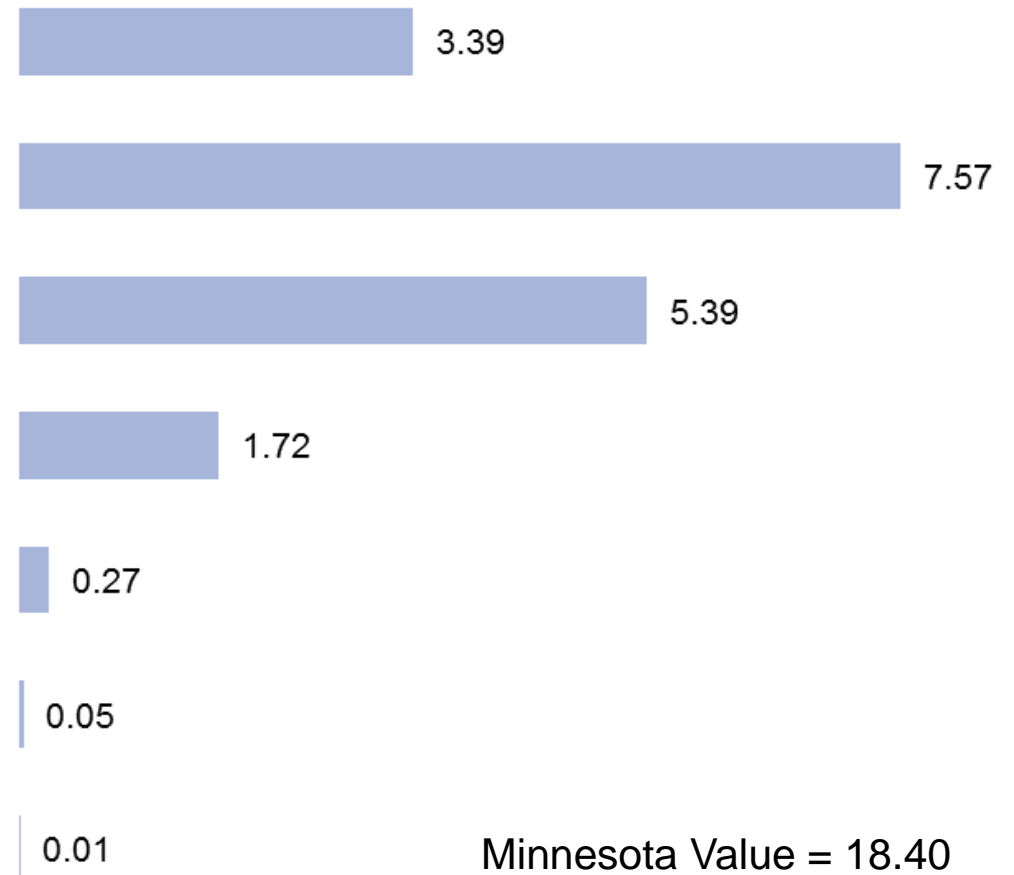


Farms and Value of Ag Production Sold, by Sales Category, 2017

Number of Farms (thousands)

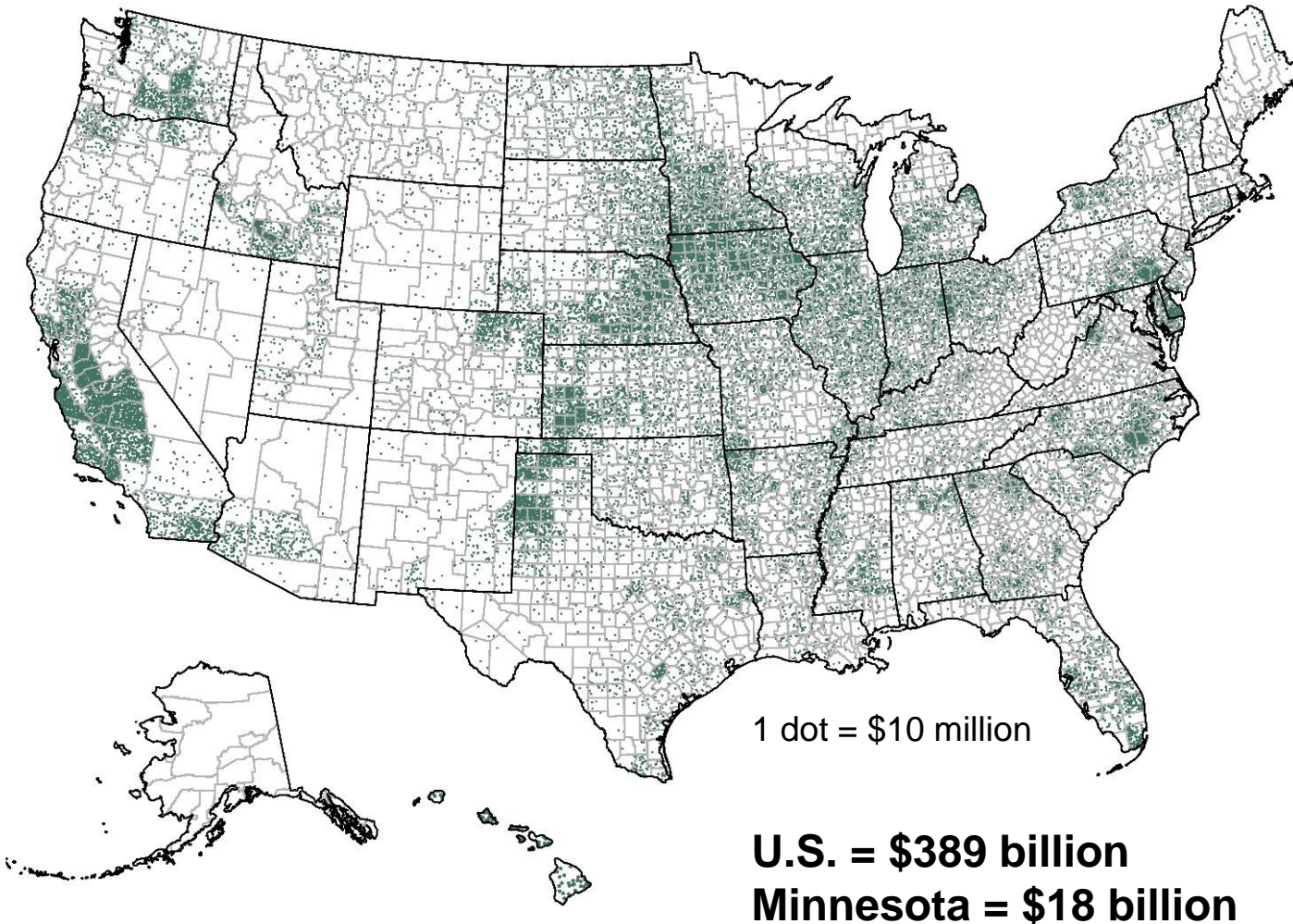


Value of Ag Production Sold (\$ billions)



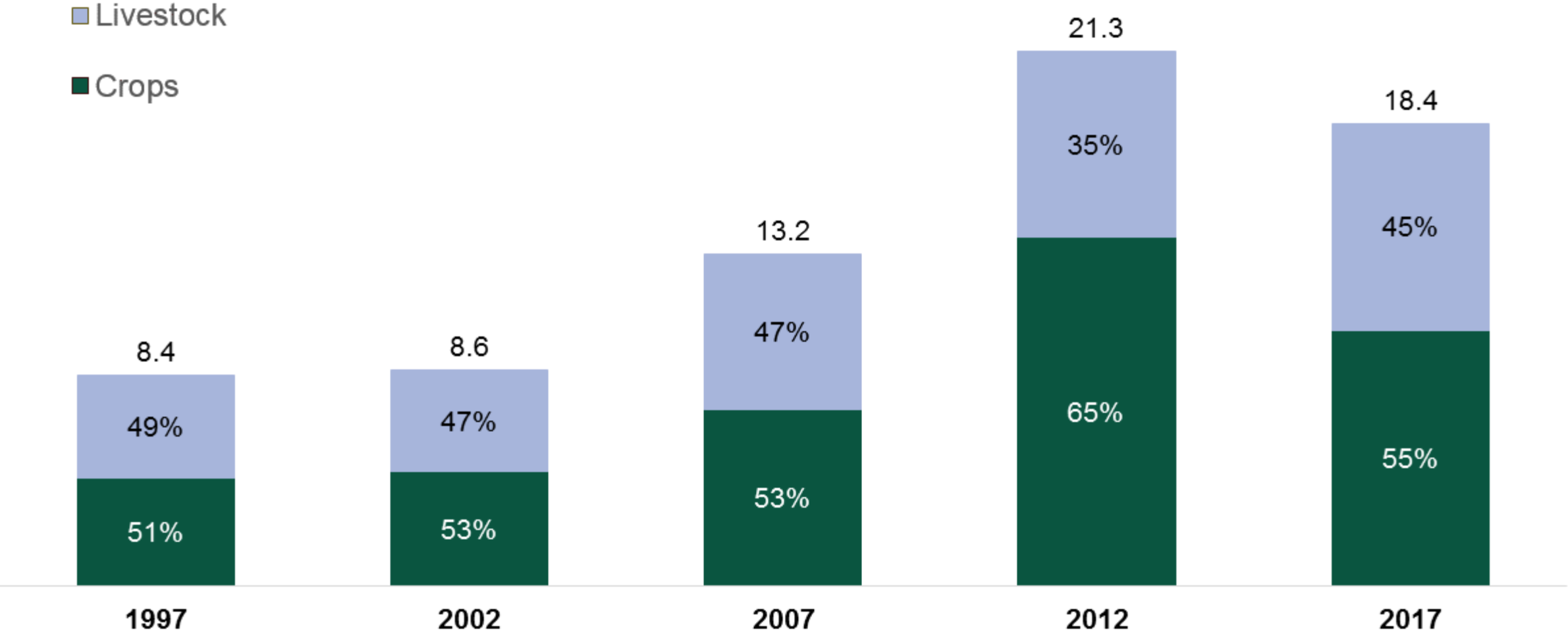
Total Value of Agricultural Production Sold by Location, 2017

TVP by County



Top 10 Counties	TVP (\$ millions)
Stearns	748
Martin	636
Renville	609
Nobles	519
Blue Earth	483
Redwood	453
Polk	430
Kandiyohi	424
Rock	419
Mower	413

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	35,101	8,843,440	1	48.1
Hogs and pigs	3,562	3,165,075	2	17.2
Cattle and calves	18,474	1,886,939	3	10.3
Milk from cows	3,349	1,737,886	4	9.4
Poultry and eggs	4,175	1,285,951	5	7.0
Other crops and hay	18,158	655,825	6	3.6
Vegetables, melons, potatoes	2,860	383,264	7	2.1
Nursery, greenhouse, floriculture and sod	920	277,254	8	1.5
Other animals and products	1,209	76,204	9	0.4
Sheep, goats, wool, mohair and milk	2,673	26,154	10	0.1

Farm Production Expenses, 2017

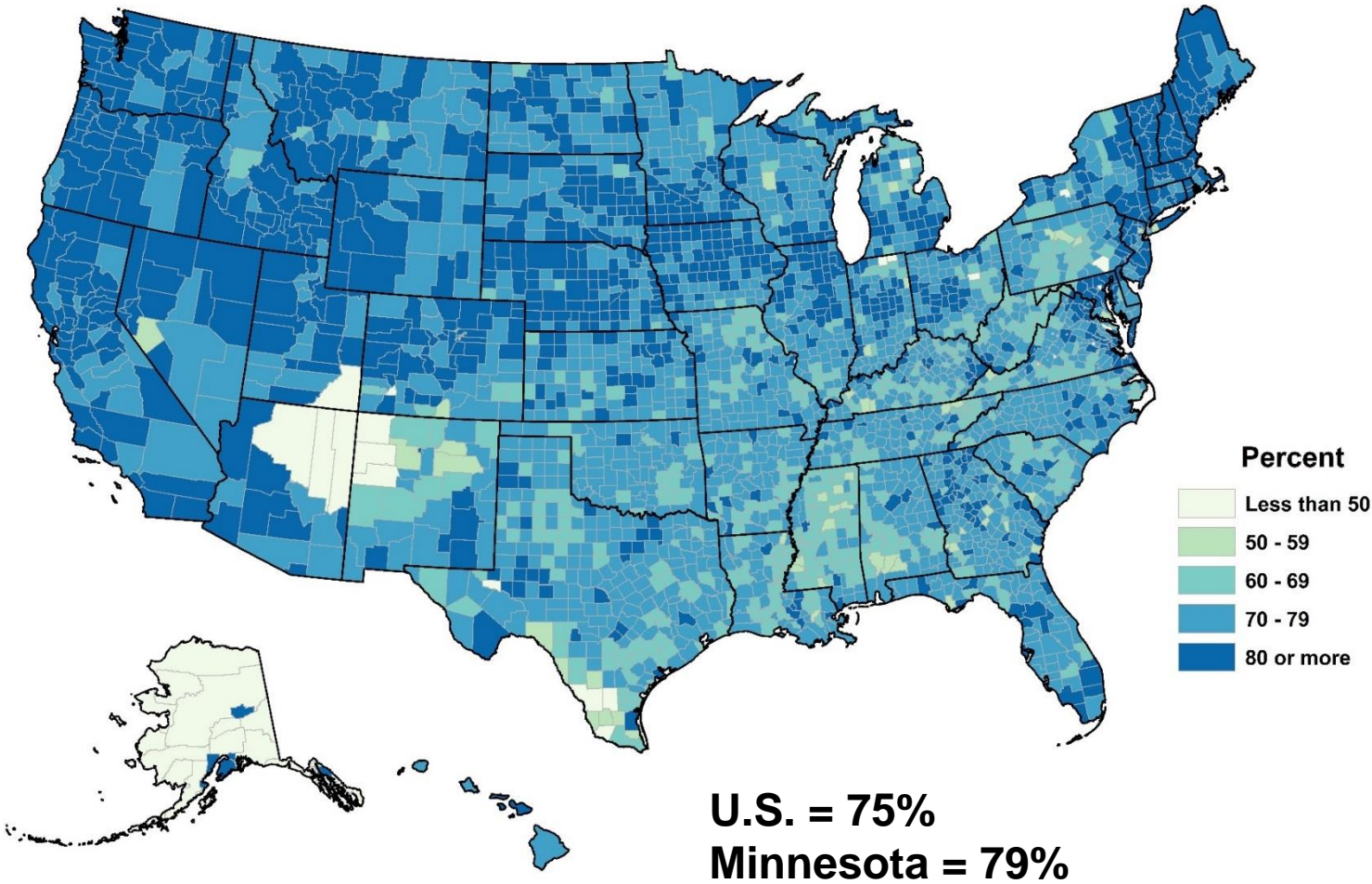
Farm Expenses	2017	2012	Percent Change
Feed	2,668,319,000	2,961,840,000	-9.9
Livestock purchased	1,649,648,000	1,301,768,000	+26.7
Hired labor	832,429,000	692,816,000	+20.2
Fertilizer	1,374,497,000	1,967,178,000	-30.1
Cash rents	1,851,799,000	1,831,867,000	+1.1
Seeds	1,516,361,000	1,548,460,000	-2.1
Supplies and repairs	889,519,000	964,212,000	-7.7
Chemicals	797,679,000	783,570,000	+1.8
Fuels	630,623,000	798,828,000	-21.1
Interest	666,967,000	655,486,000	+1.8

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

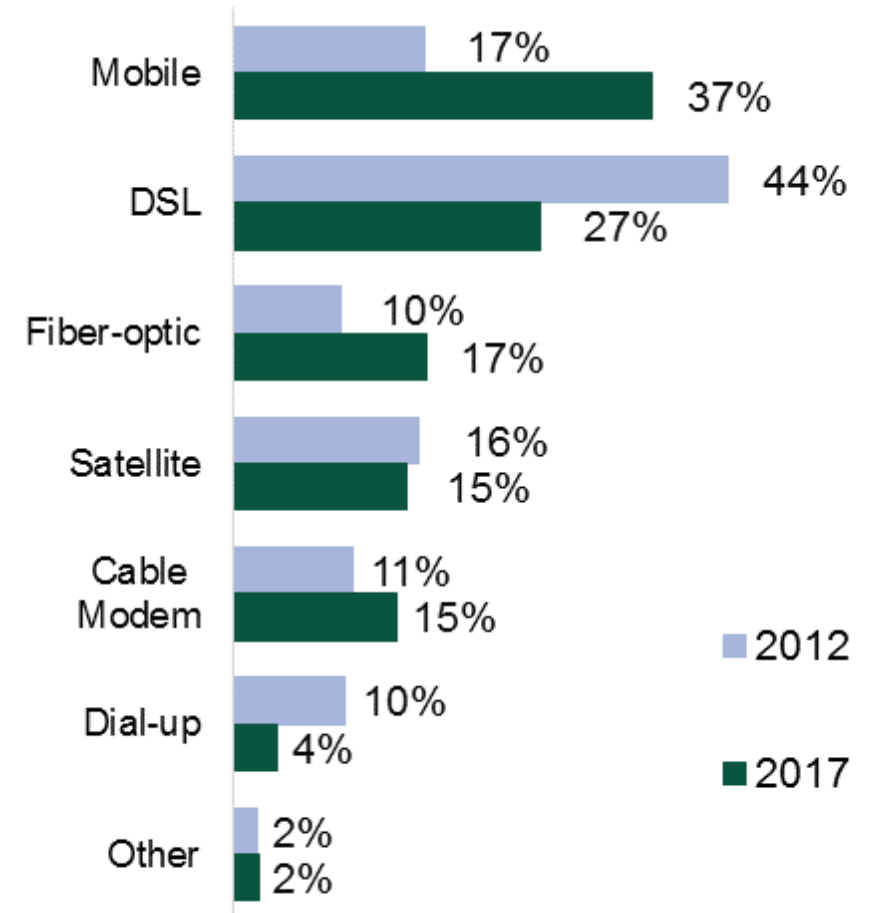
	2012	2017	% change
Value of ag products sold	21,280	18,395	-14
Government payments	468	394	-16
Farm-related income	805	869	+8
Production expenses	15,520	15,133	-2
Net income	7,033	4,525	-36
Per farm average net income (dollars)	\$94,345	\$65,753	-30

Farms with Internet Access

As a Percent of Total, by County, 2017



By Type, 2012 and 2017 (percent)

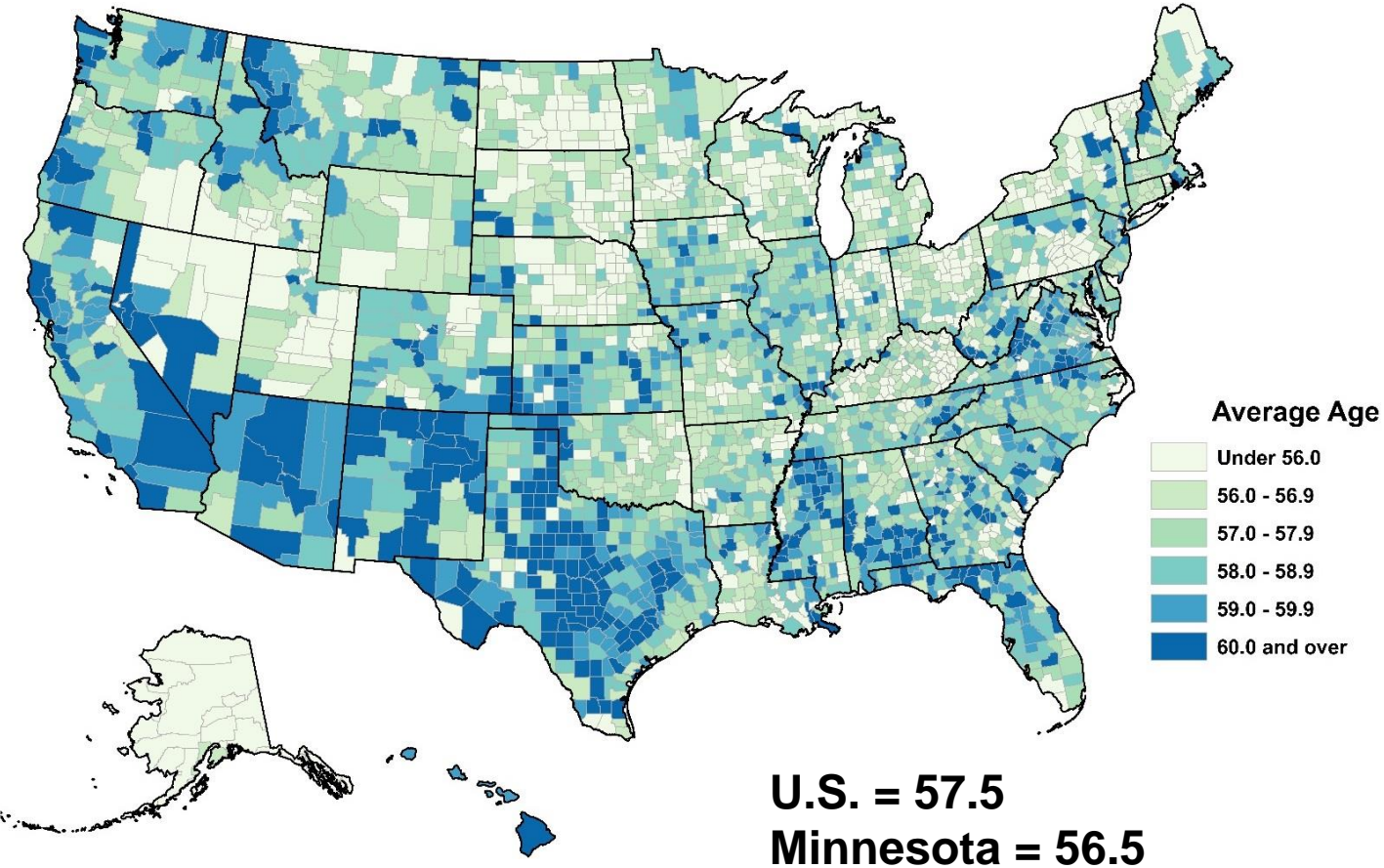


Demographics of Farm Producers

- 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, 2017

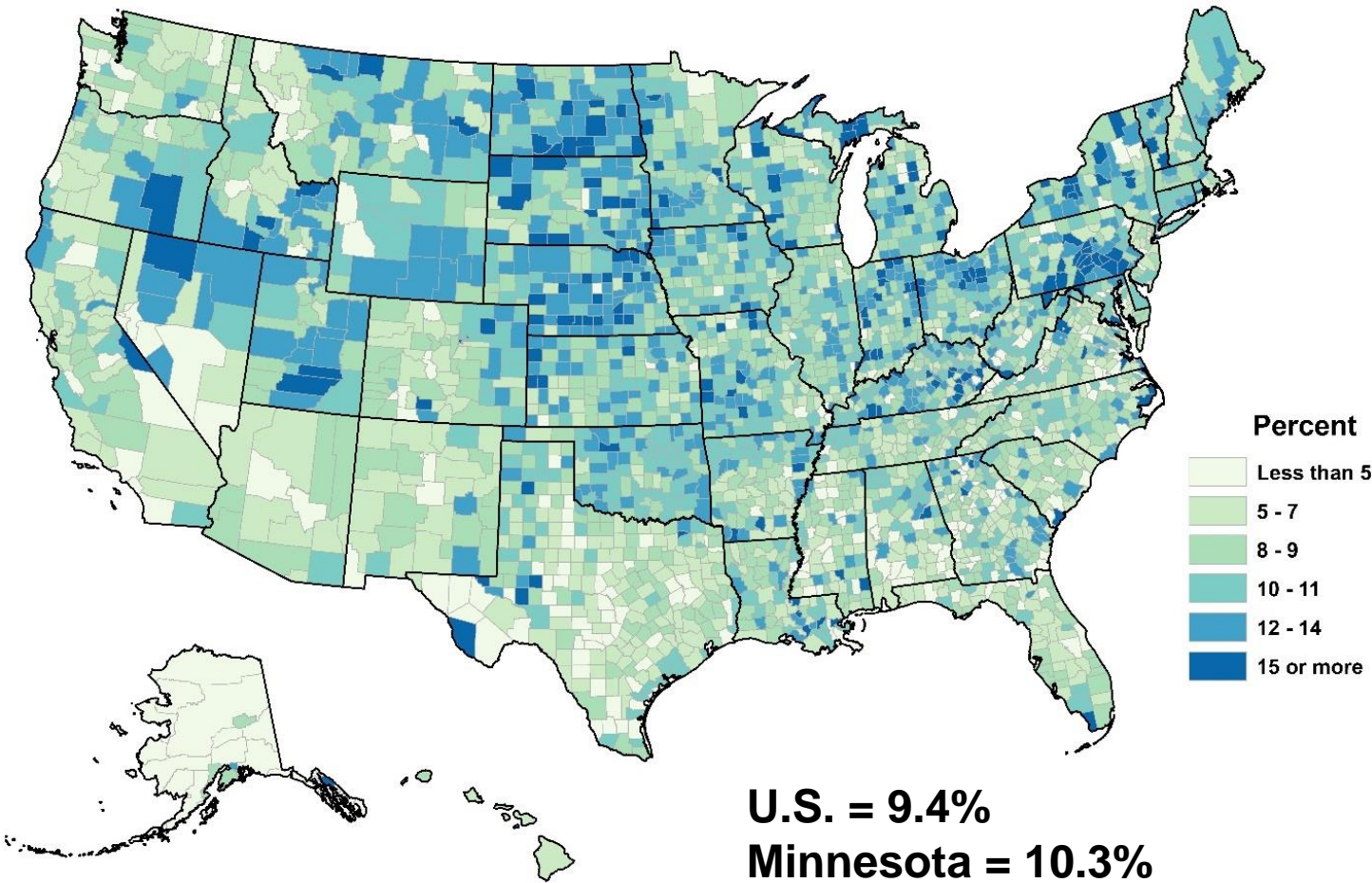


All Producers, 2007 - 2017

2007	53.5
2012	55.0
2017	56.5

Young Producers (Age 35 years or less), 2017

As a Percent of All, by County



Producers

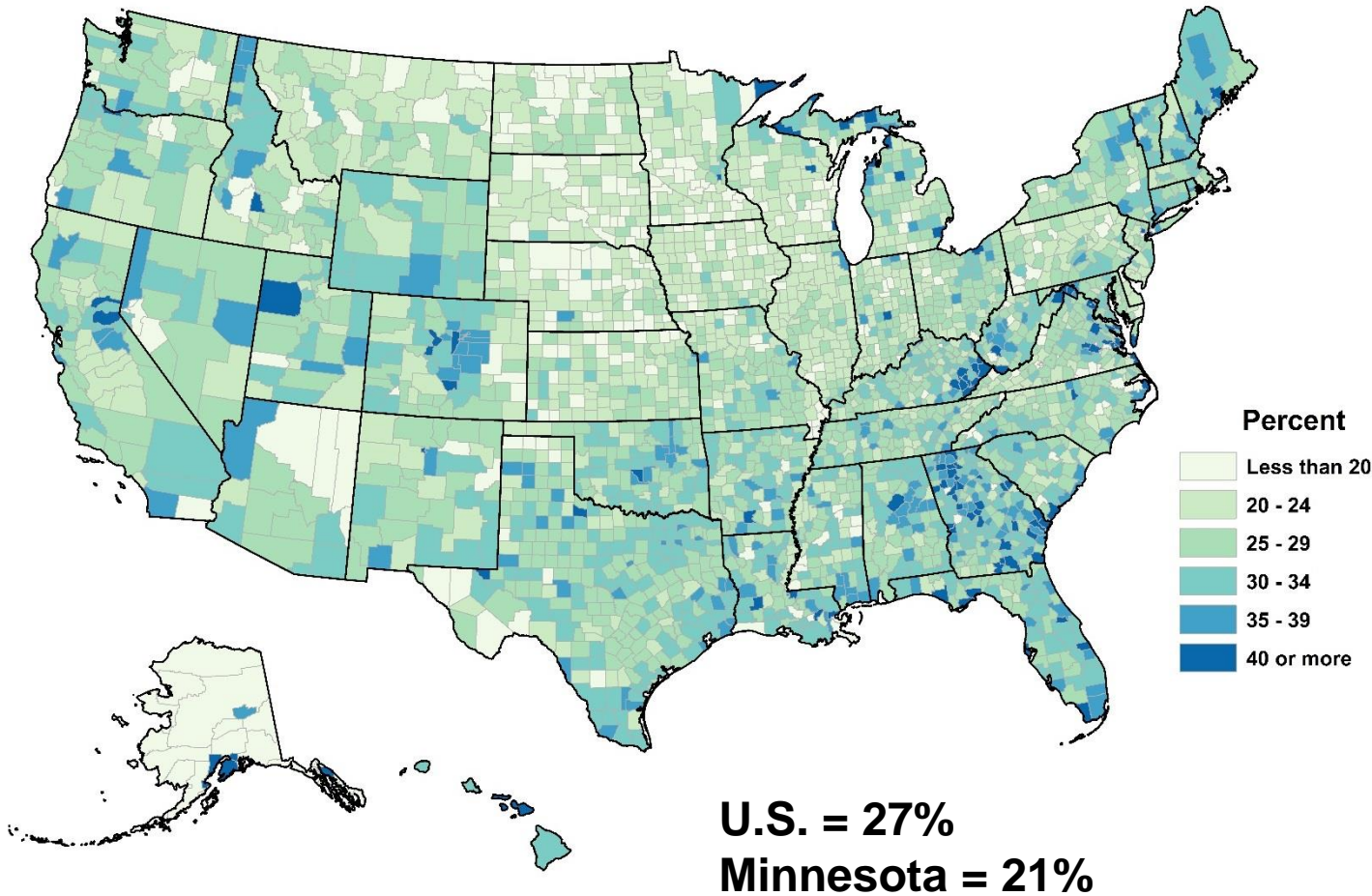
	Young	All
Number	11,520	111,760
Average age	29.8	56.5

Farms

Number	8,889	68,822
Average farm size (acres)	428	371
Average TVP	\$379,797	\$267,289

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

As a Percent of All, by County



Producers

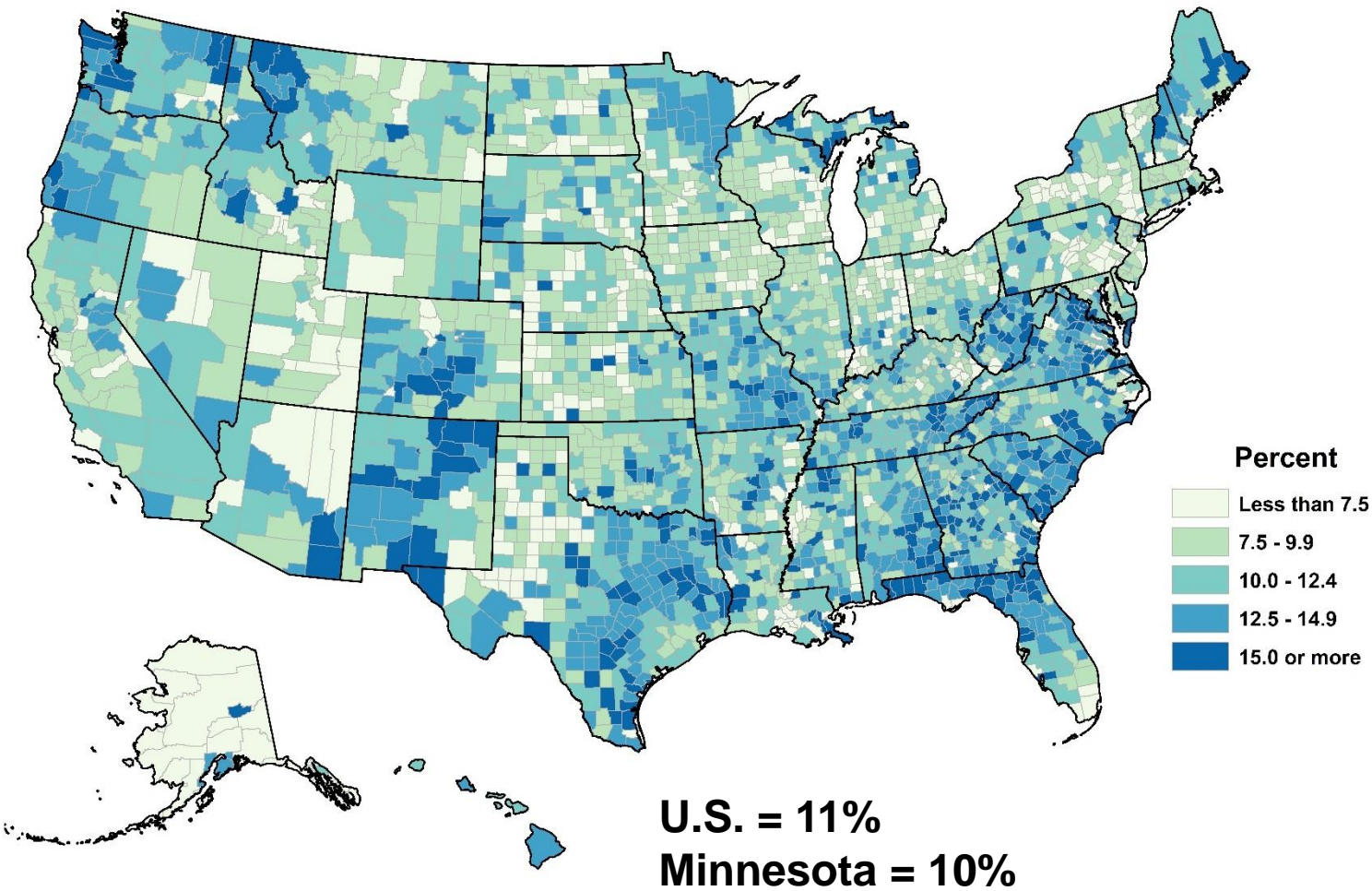
	New and Beginning	All
Number	23,347	111,760
Average age	42.4	56.5

Farms

Number	16,132	68,822
Average farm size (acres)	276	371
Average TVP	\$214,875	\$267,289

Producers with Military Service, 2017

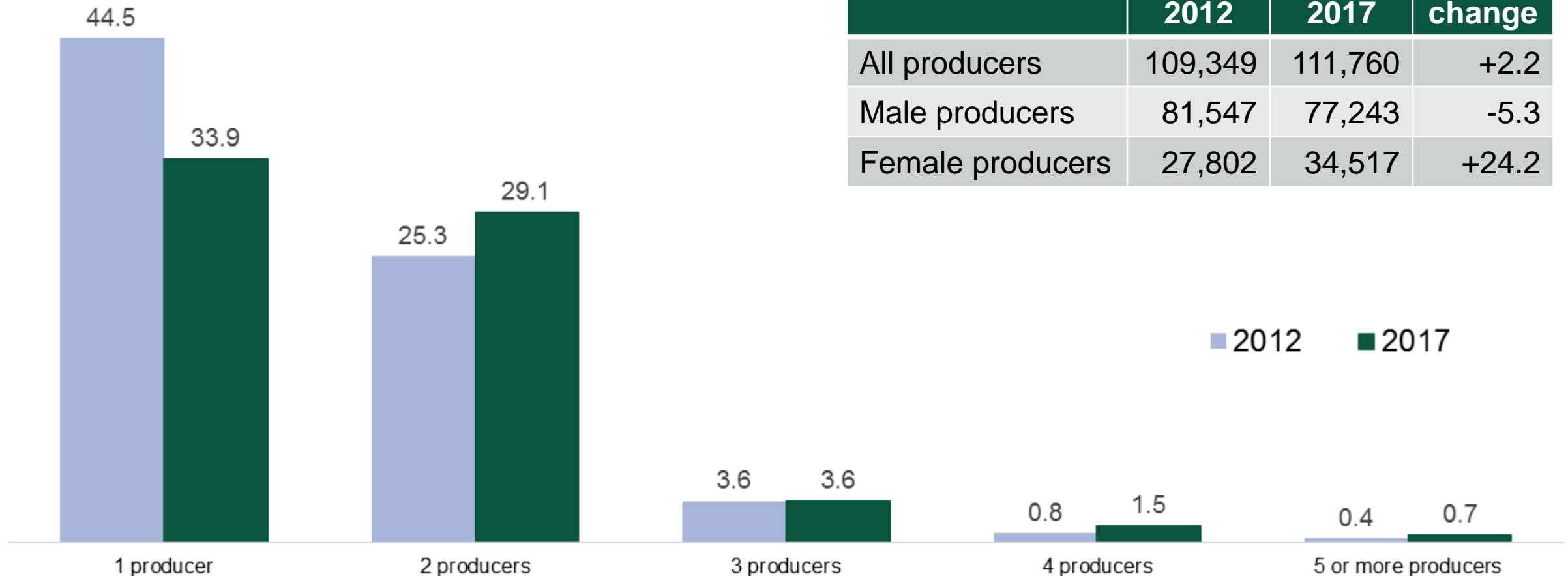
As a Percent of All, by County



Producers		
	With Military Service	All
Number	11,152	111,760
Average age	68.4	56.5
Farms		
Number	10,771	68,822
Average farm size (acres)	273	371
Average TVP	\$147,876	\$267,289

Farm Structure, 2012 and 2017

Farms by Number of Producers (thousands)



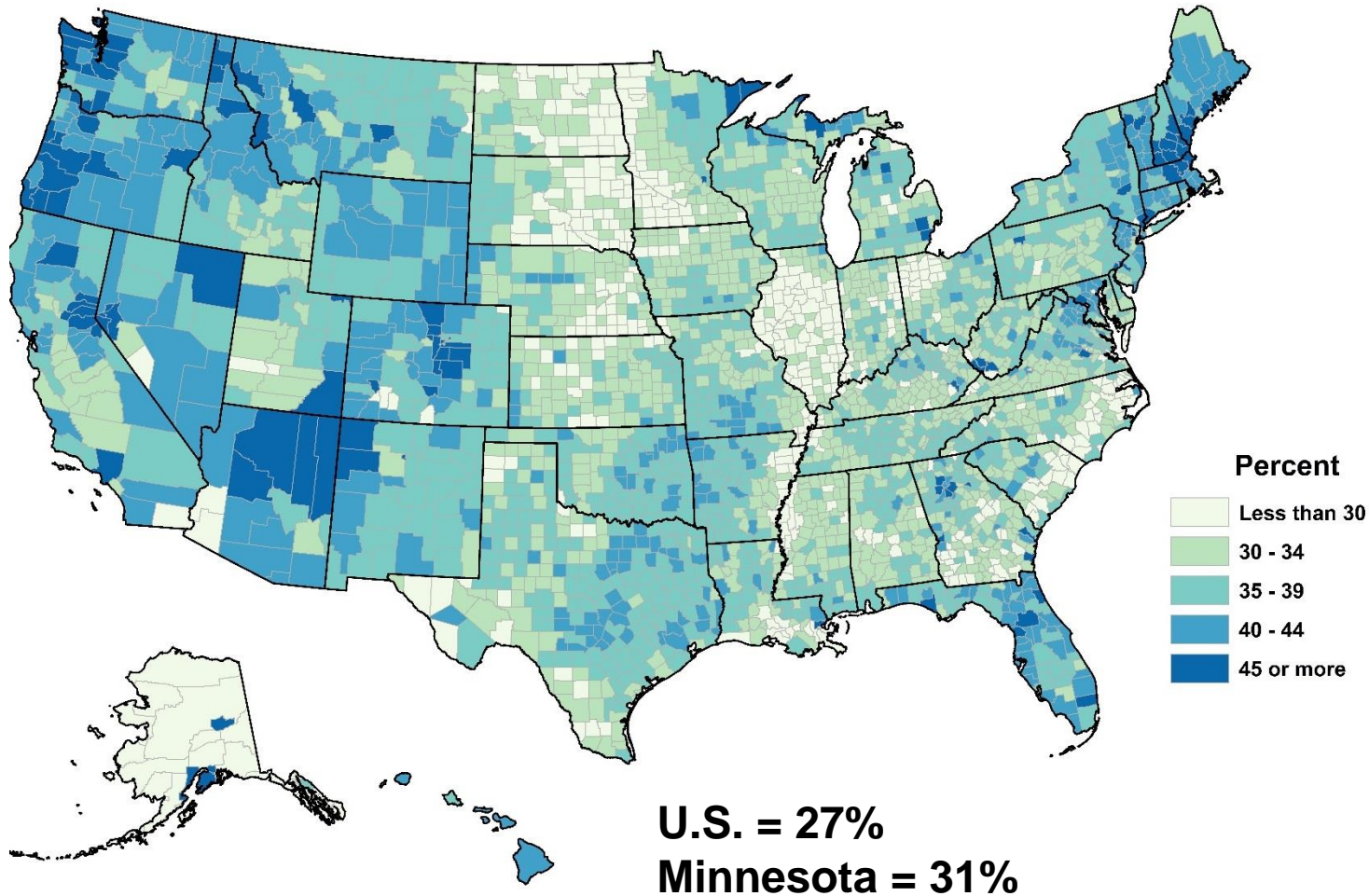
Producers by Sex

	2012	2017	% change
All producers	109,349	111,760	+2.2
Male producers	81,547	77,243	-5.3
Female producers	27,802	34,517	+24.2

■ 2012 ■ 2017

Producers by Sex, 2017

Female Producers as a Percent of Total

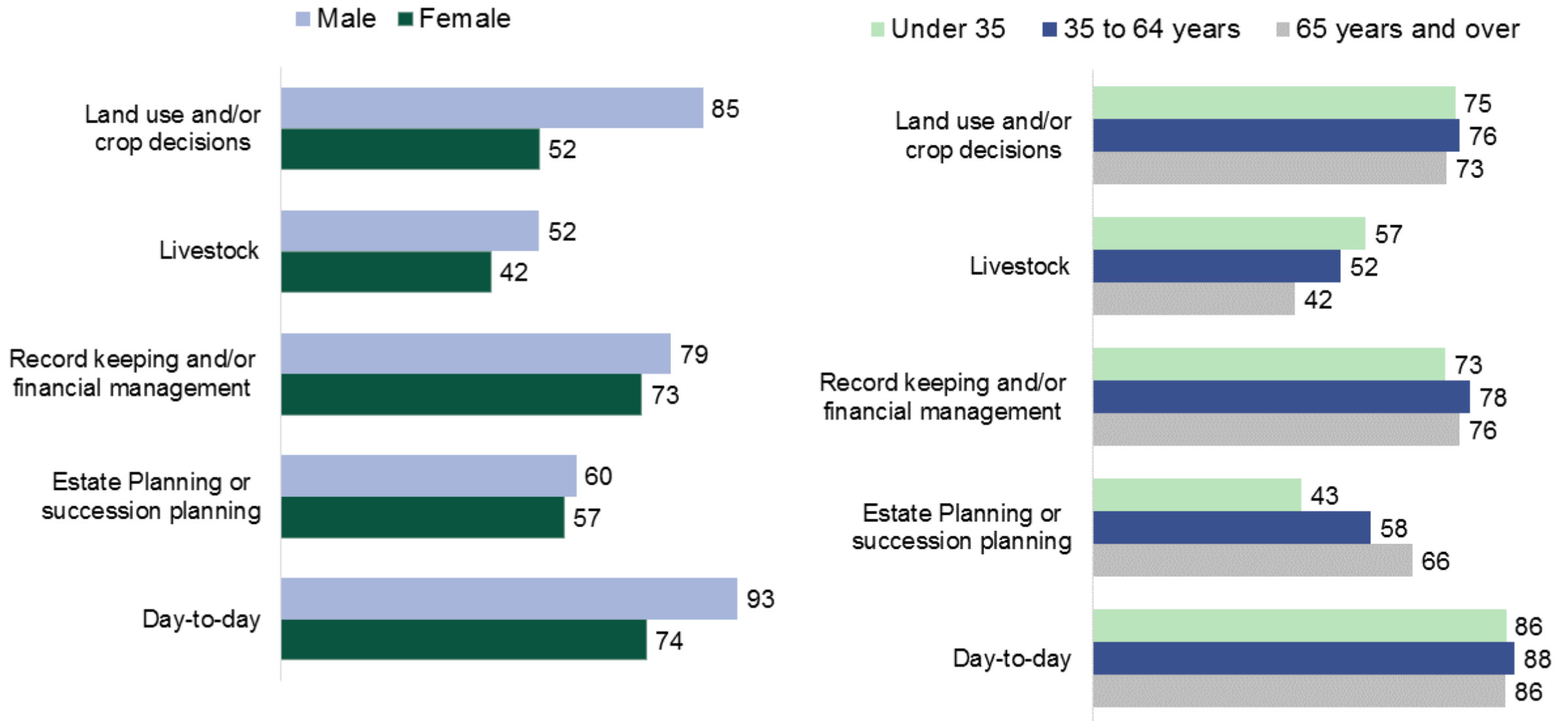


Producers		
	Female	Male
Number	34,517	77,243
Average age	56.3	56.5
Farms		
Number	32,384	65,159
Average farm size (acres)	301	384
Average TVP	\$210,357	\$278,975

Characteristics by Ethnicity and Race, 2017

Producers						
	Hispanic	American Indian or Alaska Native	Asian	Black	Native Hawaiian or Pacific Islander	White
Number	651	408	433	60	41	111,117
Average age	54.3	55.3	49.1	51.6	50.1	56.5
Farms						
Number	583	357	336	55	36	68,544
Average farm size (acres)	460	380	123	238	149	372
Average TVP	\$363,326	\$106,398	\$191,488	\$118,273	\$55,472	\$268,169

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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