



2007 CENSUS *OF* **AGRICULTURE** **DATA RELEASE**



United States Department of Agriculture
National Agricultural Statistics Service

Farm Numbers



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Farm Definition

Any place from which \$1,000 of agricultural products were produced and sold, or normally would have been sold, during the census year. Government payments are included.

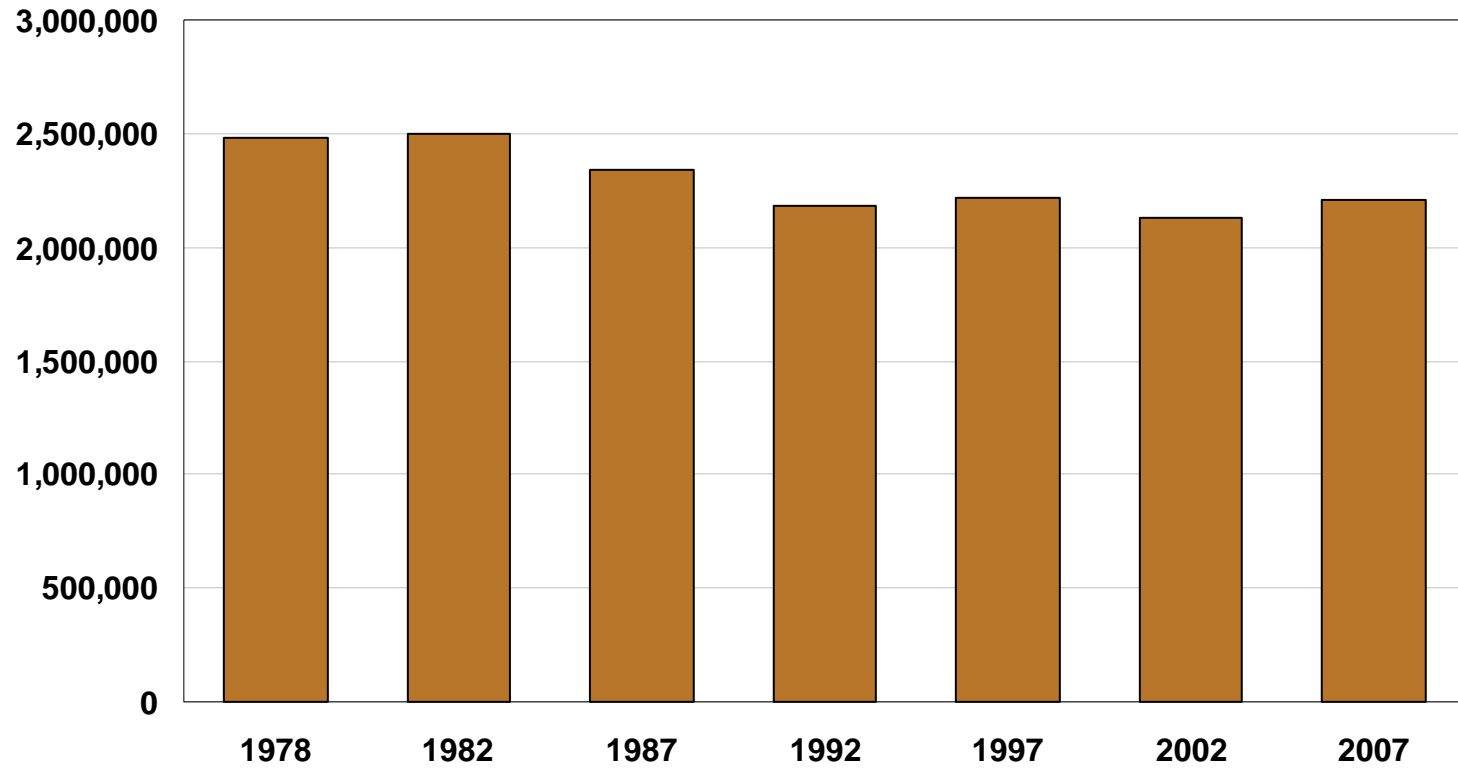


Farm Numbers

- 2,204,792 farms & ranches
- 4 percent more than 2002



Farm Numbers, United States



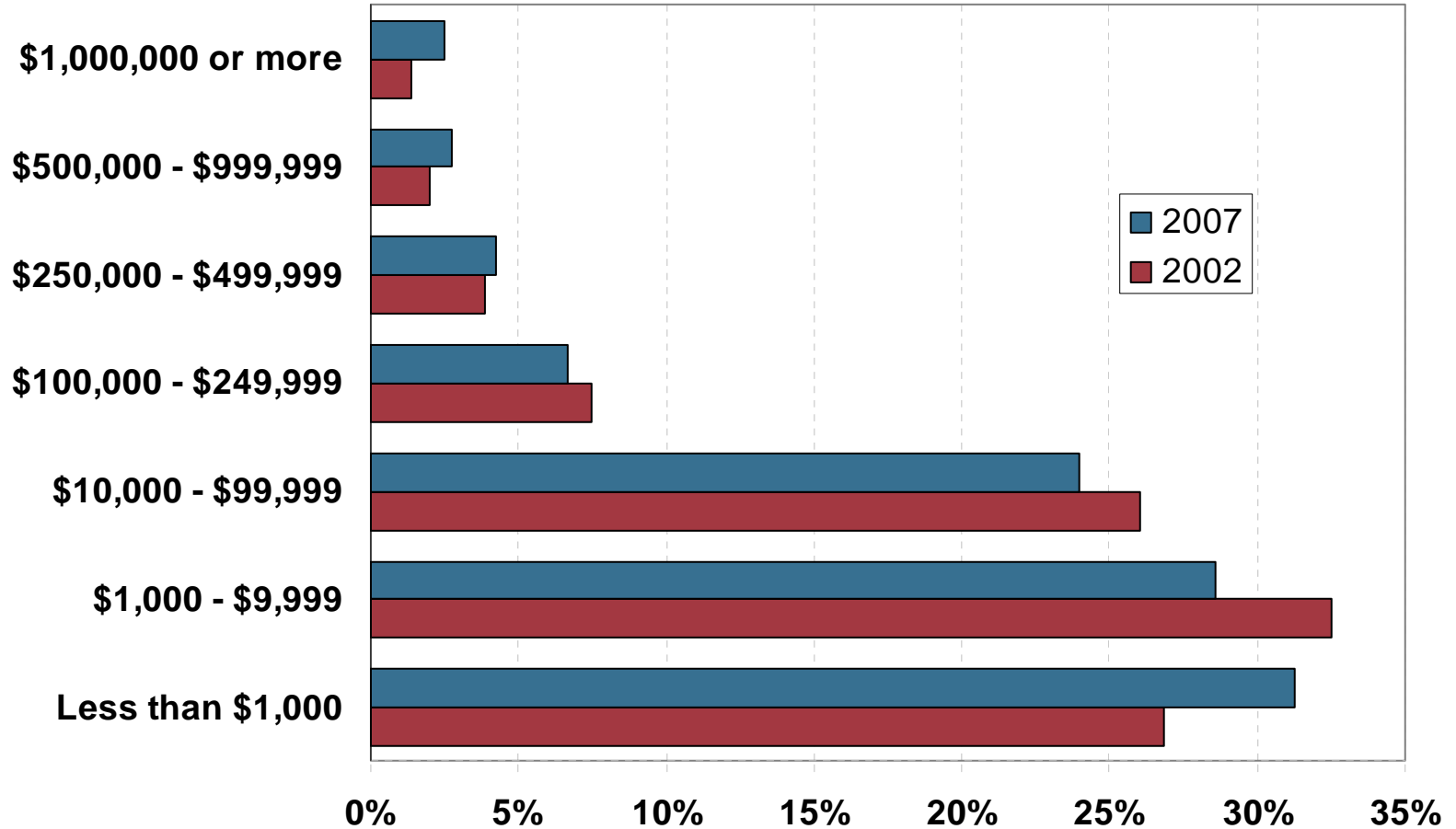
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Why the Increase?

- Increase in count of small farms and very large farms



Farms by Sales Class, 2002 and 2007



Why the Increase?

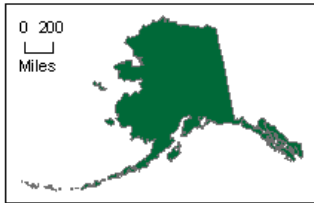
- Extraordinary effort to find small disadvantaged farms



Why the Increase?

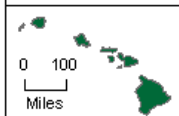
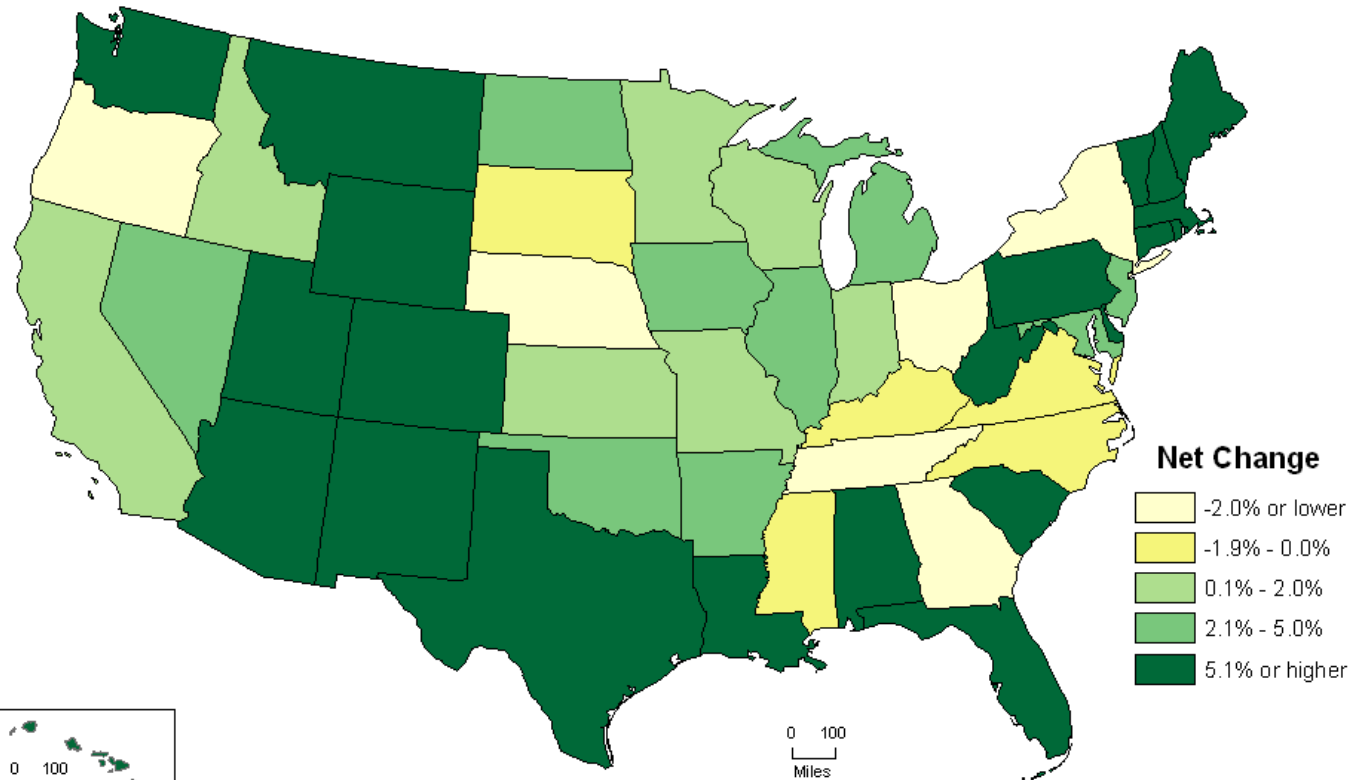
- Increase in commodity prices in 2007





Change in Number of Farms: 2002 to 2007

2007 Census of Agriculture



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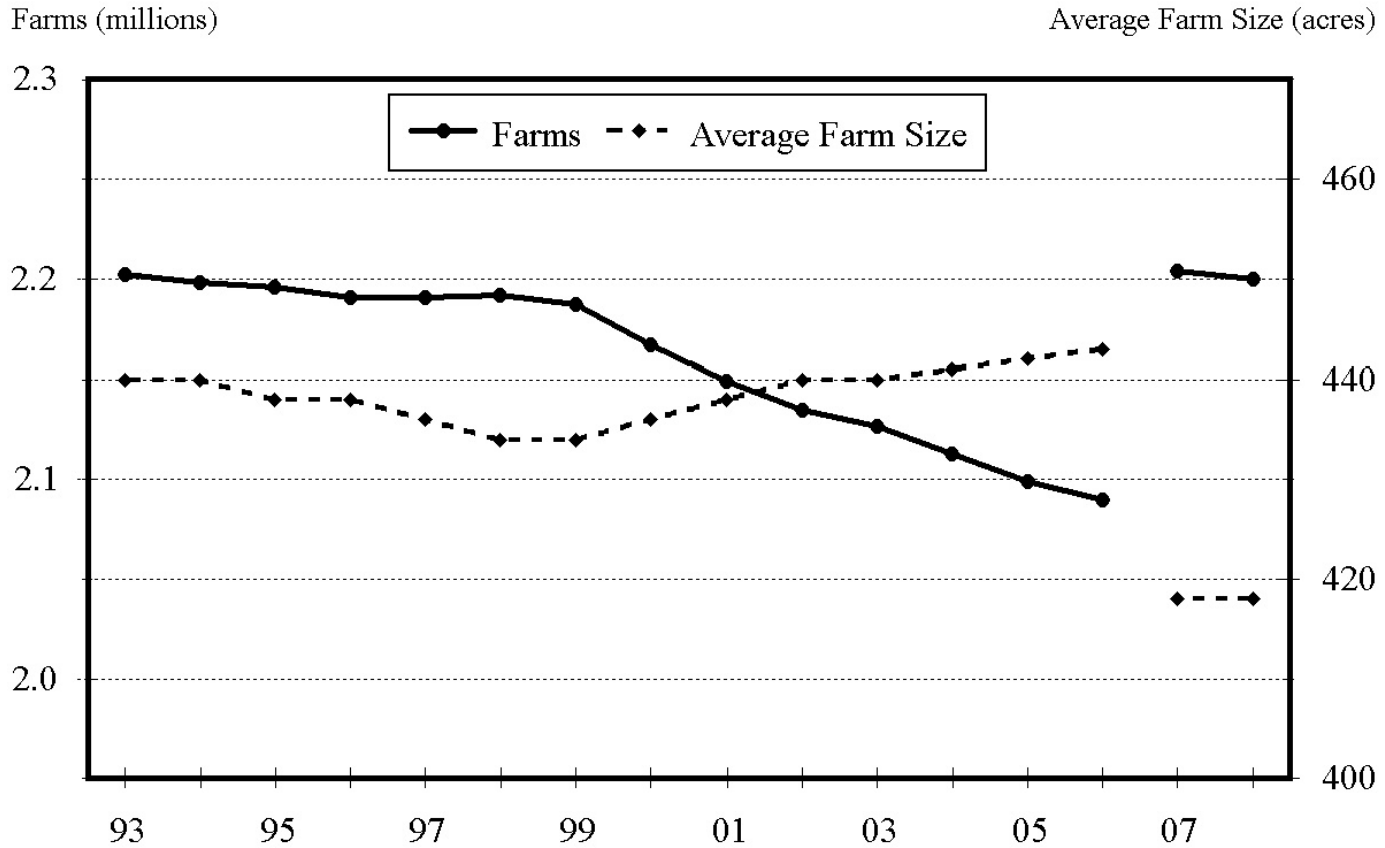
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Census vs Annual Estimates

- Annual survey results 2002 – 2007 did not predict the increase we found in the 2007 Census



Number of Farms and Average Farm Size United States, 1993 - 2008



Land in Farms

922,095,840 acres

1.7% decrease from 2002

44.1 % is cropland (46.3% in 2002)

6.1% is irrigated (5.8% in 2002)



Land Ownership

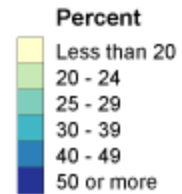
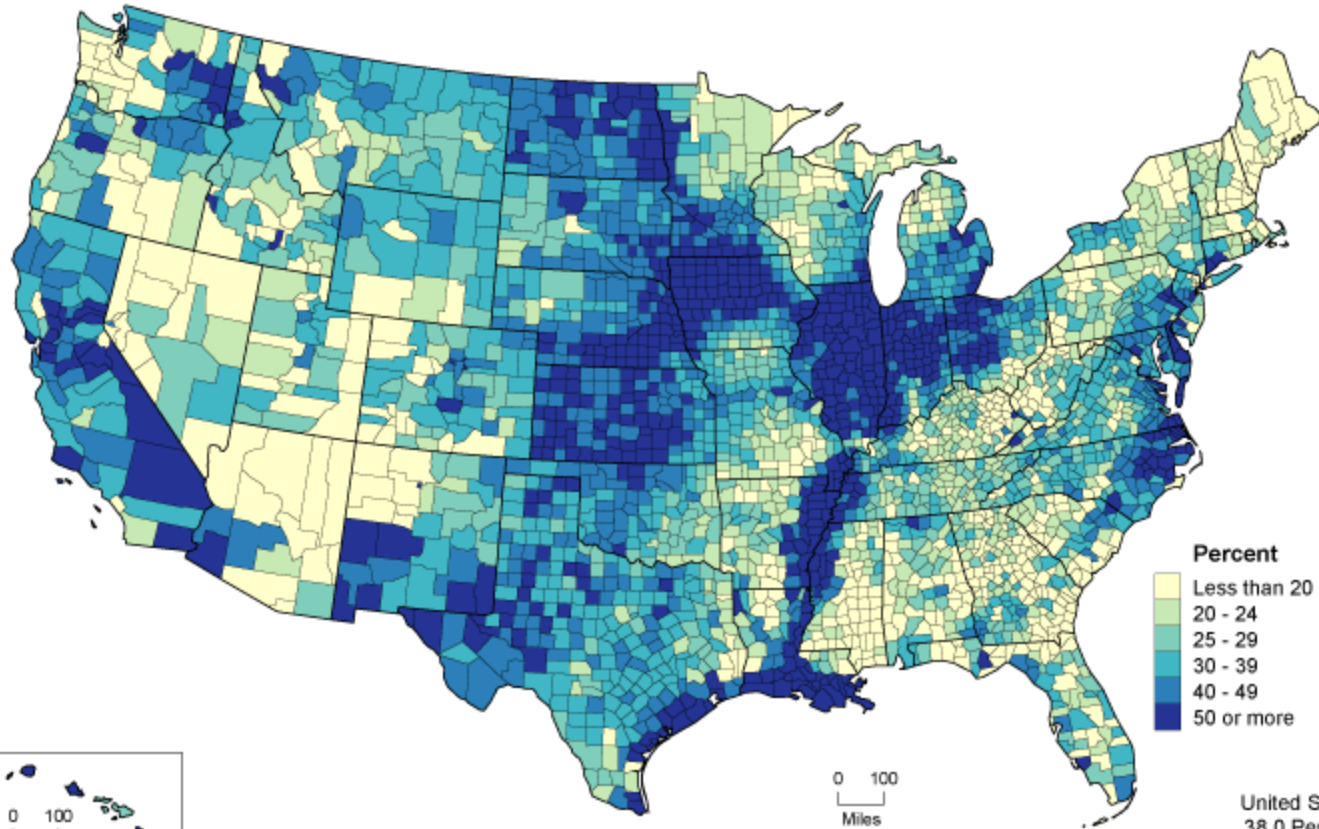
- Between 2002 and 2007 land ownership remained stable
- In 2007, 62% of all acres operated were owned by the operator
 - Same percentage in 2002



0 200
Miles

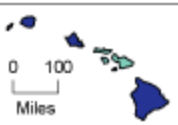


Percent of Land in Farms Rented or Leased: 2007



United States
38.0 Percent

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Miles



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0 100
Miles



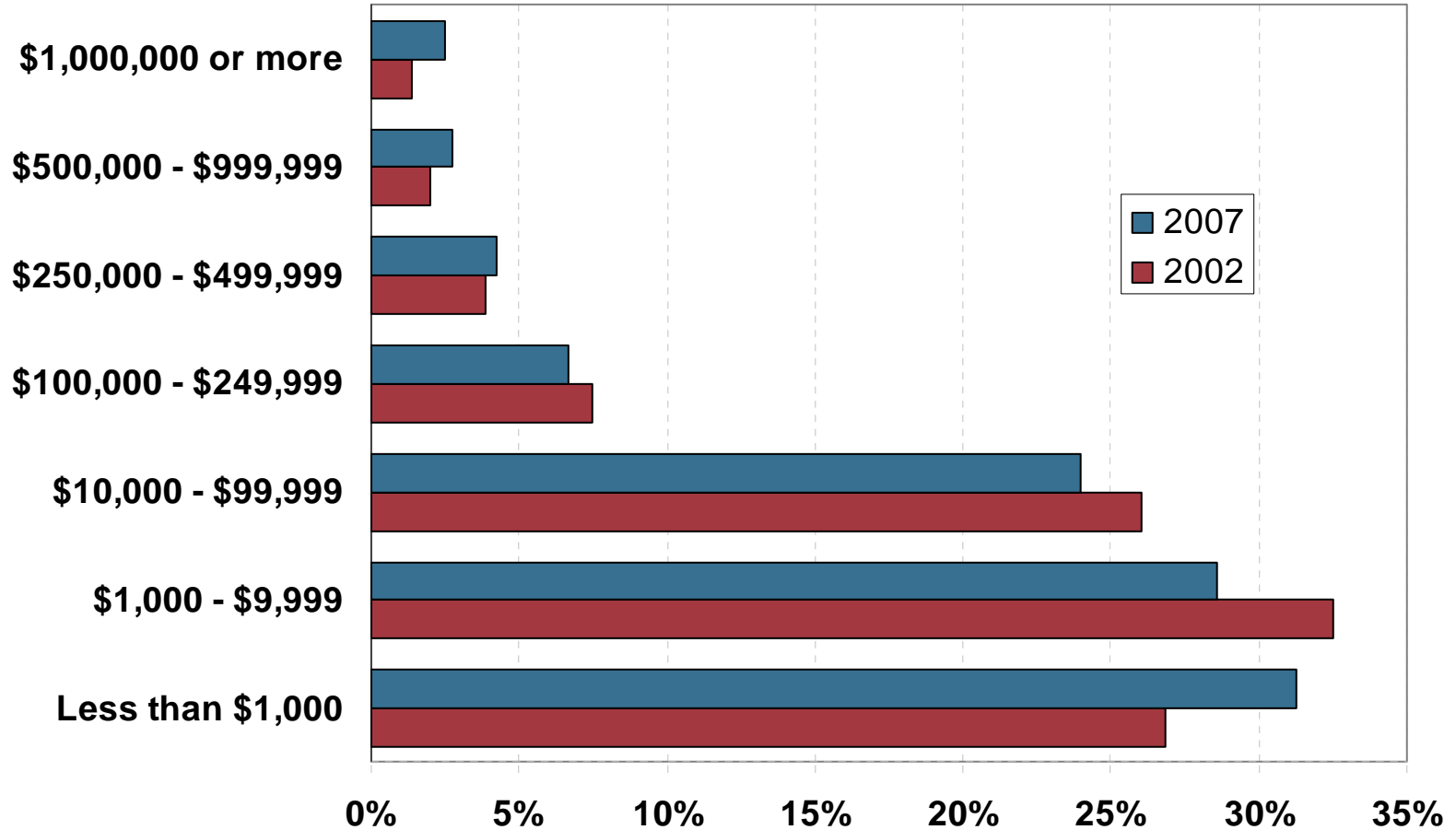
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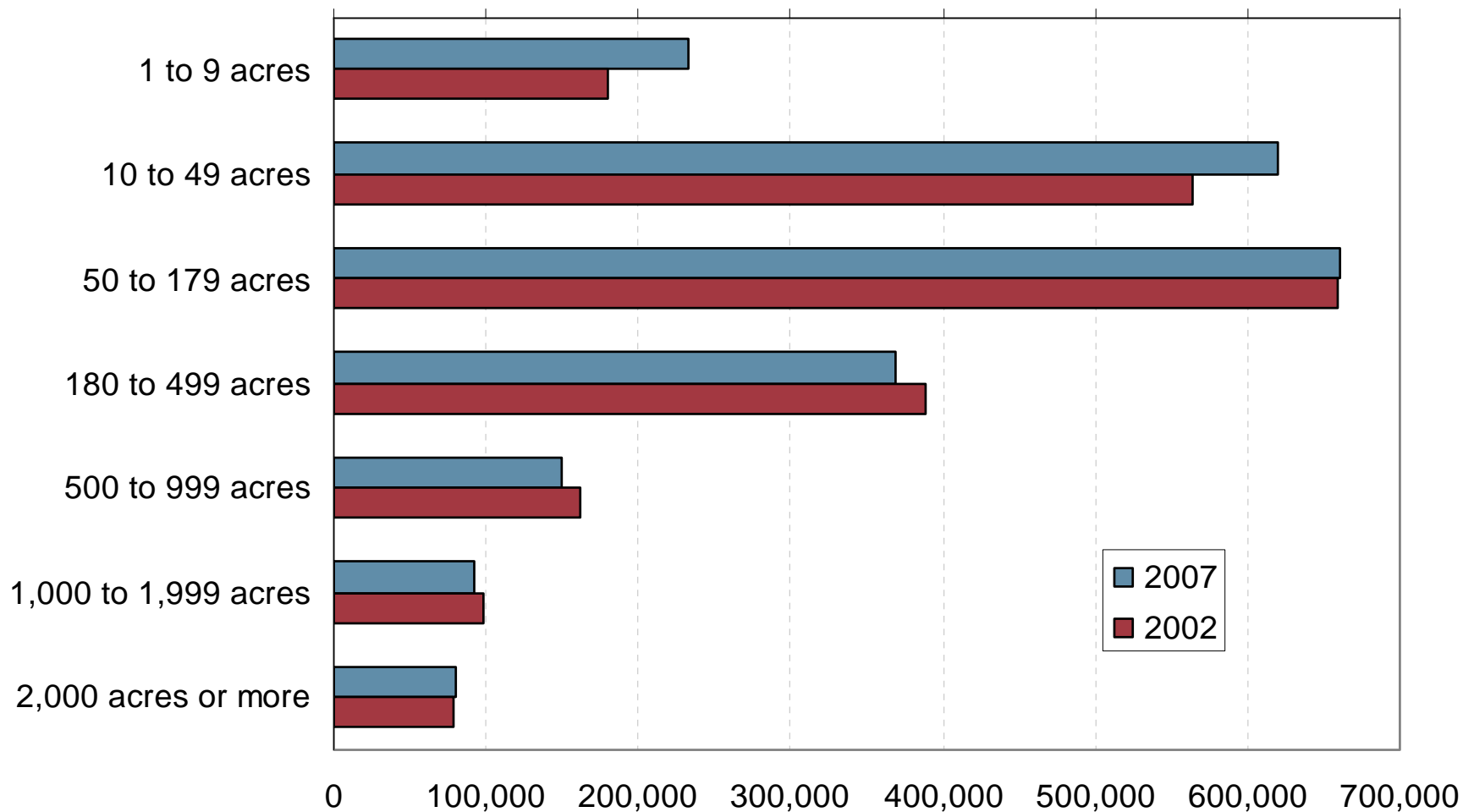
The latest data on rural America.

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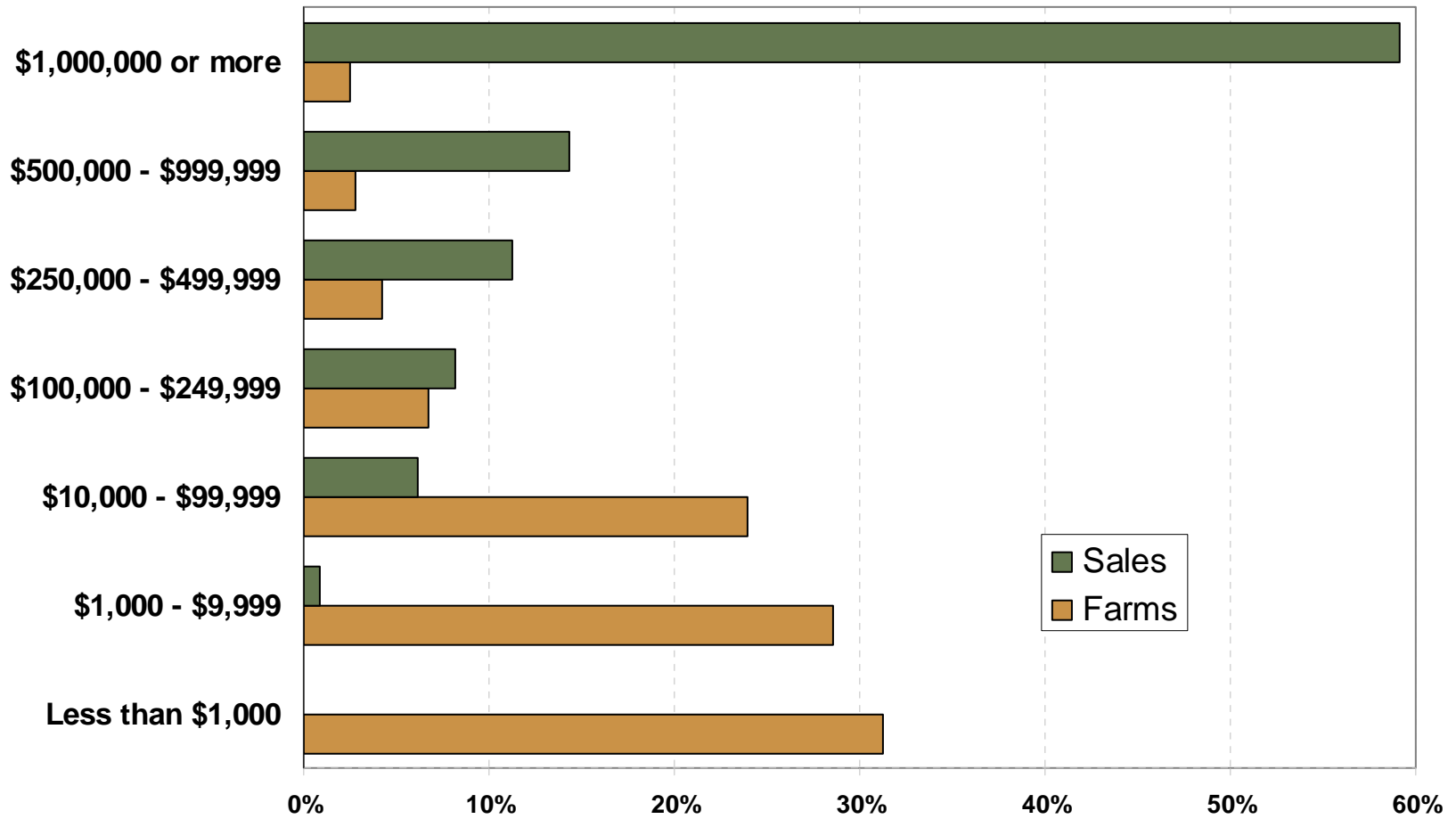
Farms by Sales Class, 2002 and 2007



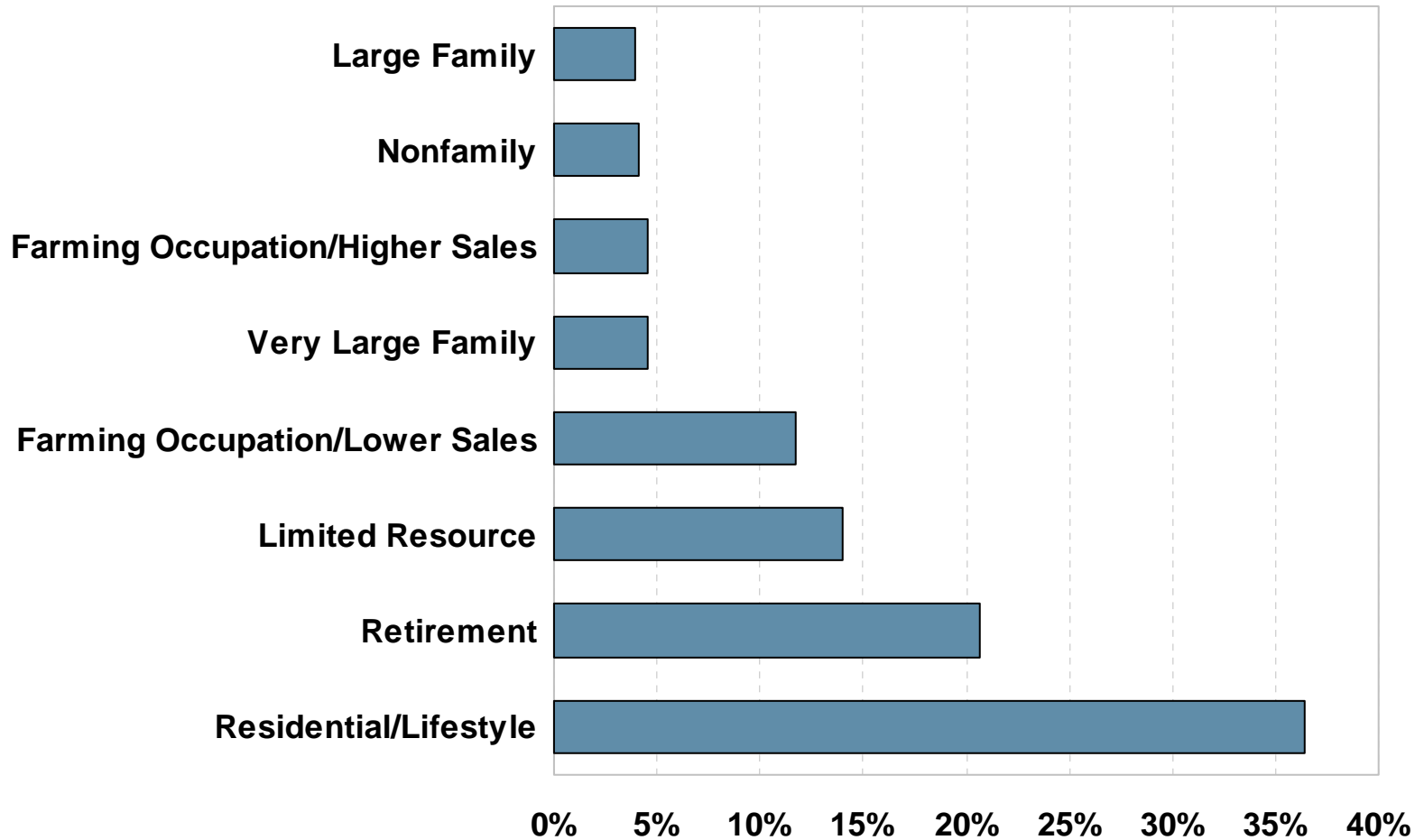
Farms by Size, 2002 and 2007



Farms and Sales by Class, 2007



Farms by Typology, 2007



Residential / Retirement / Limited Resource

- 71 percent of all farms
- 7 percent of total sales
- 11 percent of production expenses



Residential / Retirement / Limited Resource

- 21 percent of all land
- 36 percent of market value of land and buildings
- 43 percent of property taxes
- 60 percent of CRP land



Residential / Retirement / Limited Resource

- 45 percent of these farms employ hired workers
- 30 percent of the hired workers with less than 150 days worked



Residential / Retirement / Limited Resource

- Own 64 percent of the hay balers



Residential / Retirement / Limited Resource

- 30 percent of sales by direct marketing
- 28 percent of income from agritourism



Residential / Retirement / Limited Resource

- 24 percent of cattle inventory
- 67 percent of horses
- 67 percent of goats



Internet Access

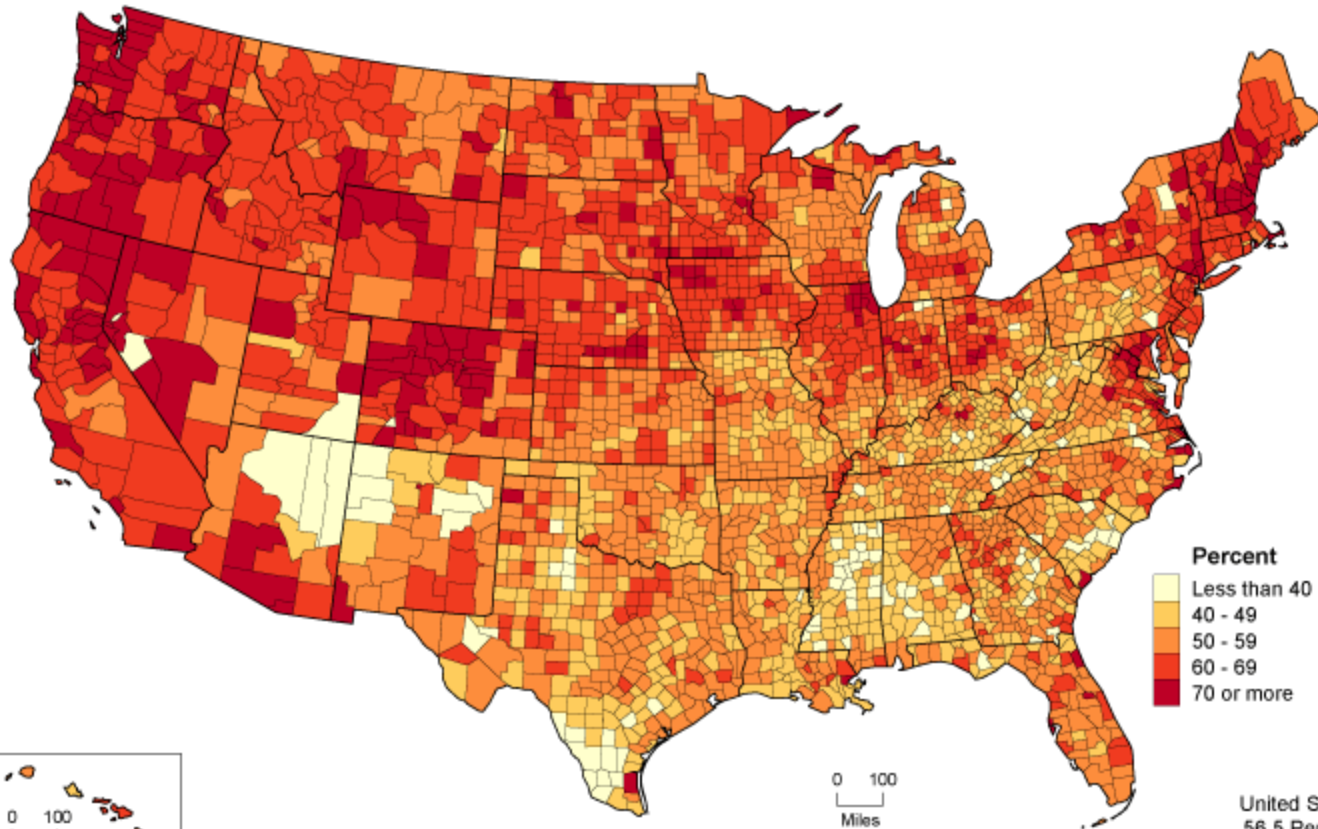
- 57 percent of all farms
- Up 7 percentage points from 2002
- 58 percent of farms with Internet have high-speed access



0 200
Miles

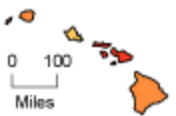


Percent of Farms with Internet Access



Percent
Less than 40
40 - 49
50 - 59
60 - 69
70 or more

0 100
Miles



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0 100
Miles

United States
56.5 Percent



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Demographics



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New Farms

	All Farms	New Farms
Percent of total	100%	13%
Average size	418 acres	201 acres
Average sales	\$135,000	\$71,000
Average net cash income	\$34,000	\$9,000
Sales & govt payments <\$10,000	58%	73%



New Farms- Economics

- Expenses are 90% of revenue (sales plus government payments) for new farms
- New farms more likely to be either full owners or tenants than all farms
- Less likely to rent land than all farms



New Farms- Economics

- 2 out of 3 new farms had negative income from the farm, compared to 1 out of 2 farms where the operator has been there ten or more years
- New farms are less likely to receive government payments
- More likely to sell directly to consumers



New Farms - Demographics

	All Farms	New Farms
Average age of operator	57	48
Farming as primary occupation	45%	32%
Female principal operator	14%	19%
Minority principal operator	7%	9%
Typology residential/lifestyle	36%	50%



Farm Operators

- 3,337,450 operators on farms
 - An operator is a person making day to day decisions for the operation
- Principal operators- number is equal to the number of farms (2,204,792)
- Census collects detailed characteristics for up to 3 operators per farm



Farm and Ranch Operators

Farms with	2007	2002
Only 1 operator	57.7%	62.3%
2 operators	35.7%	32.0%
3 operators	5.1%	4.0%
4 operators	1.0%	1.2%
5 operators	0.5%	0.6%



Multiple Operators

- 2 out of 3 second operators are women
- Less than half of third operators are women (40%)
- Second and third operators on average are younger than principal operators
- Less likely to say farming is their primary occupation



Women Operators

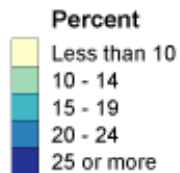
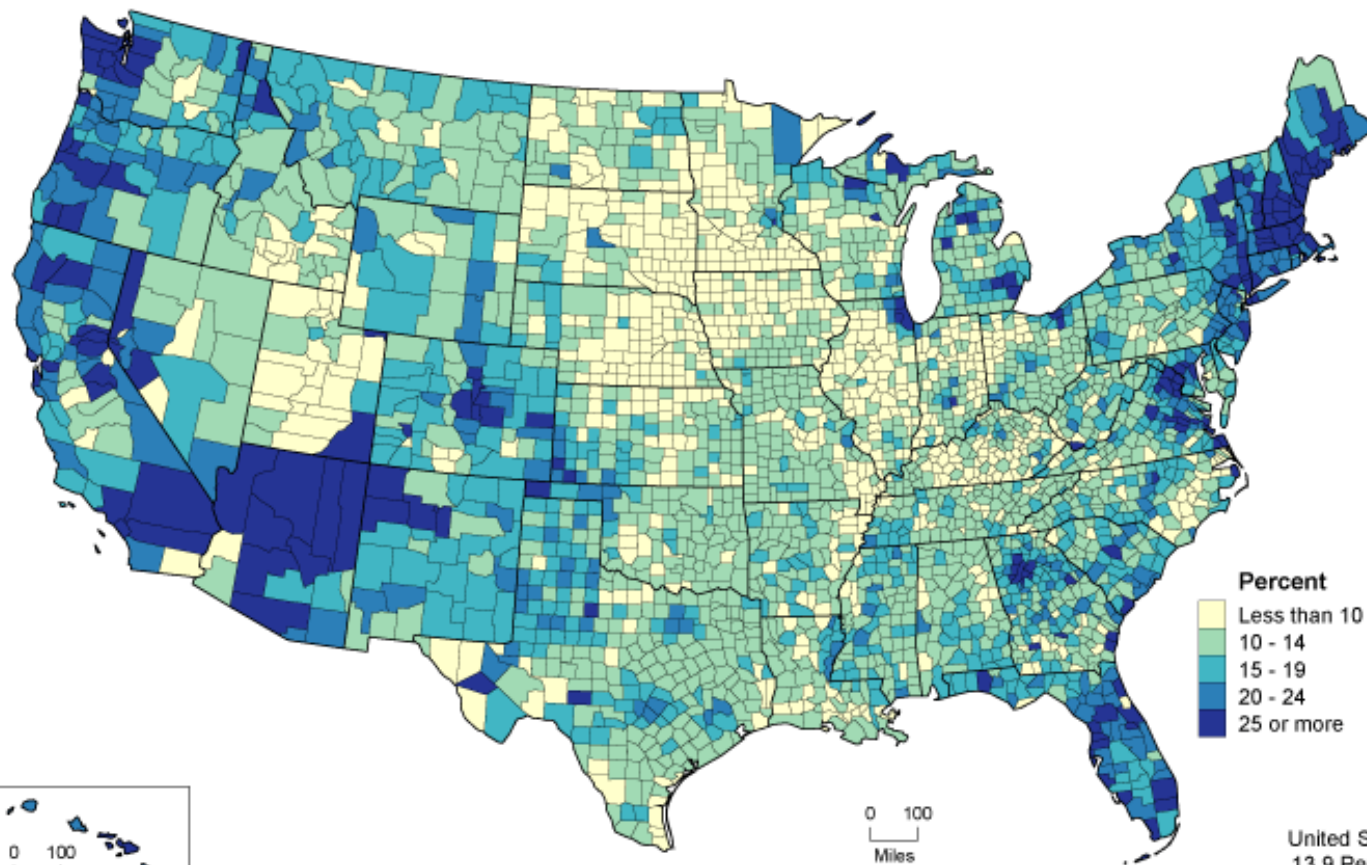
- Number of women principal operators up almost 30% from 2002



0 200
Miles



Percent of Farms with Female Principal Operator: 2007



United States
13.9 Percent

0 100
Miles

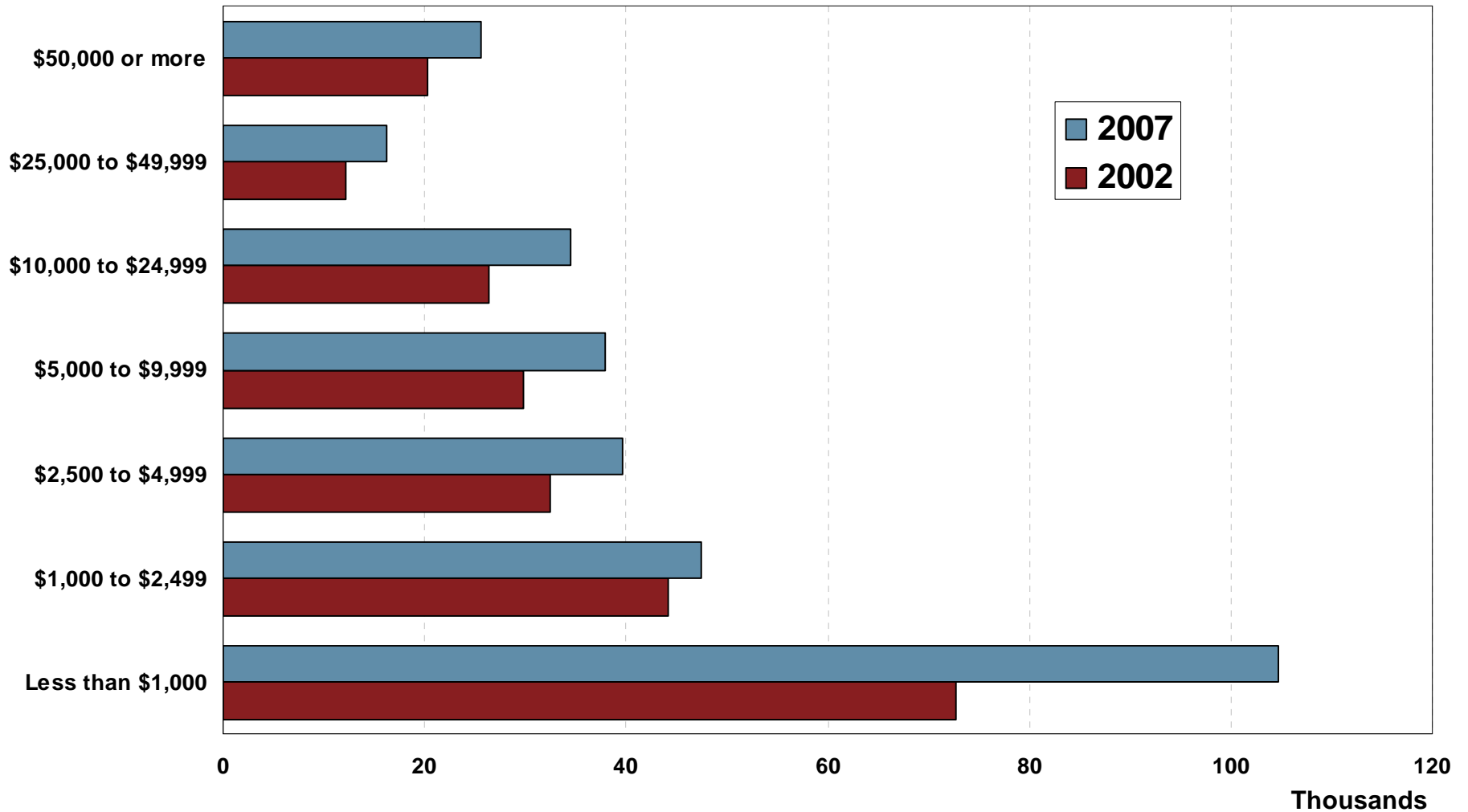


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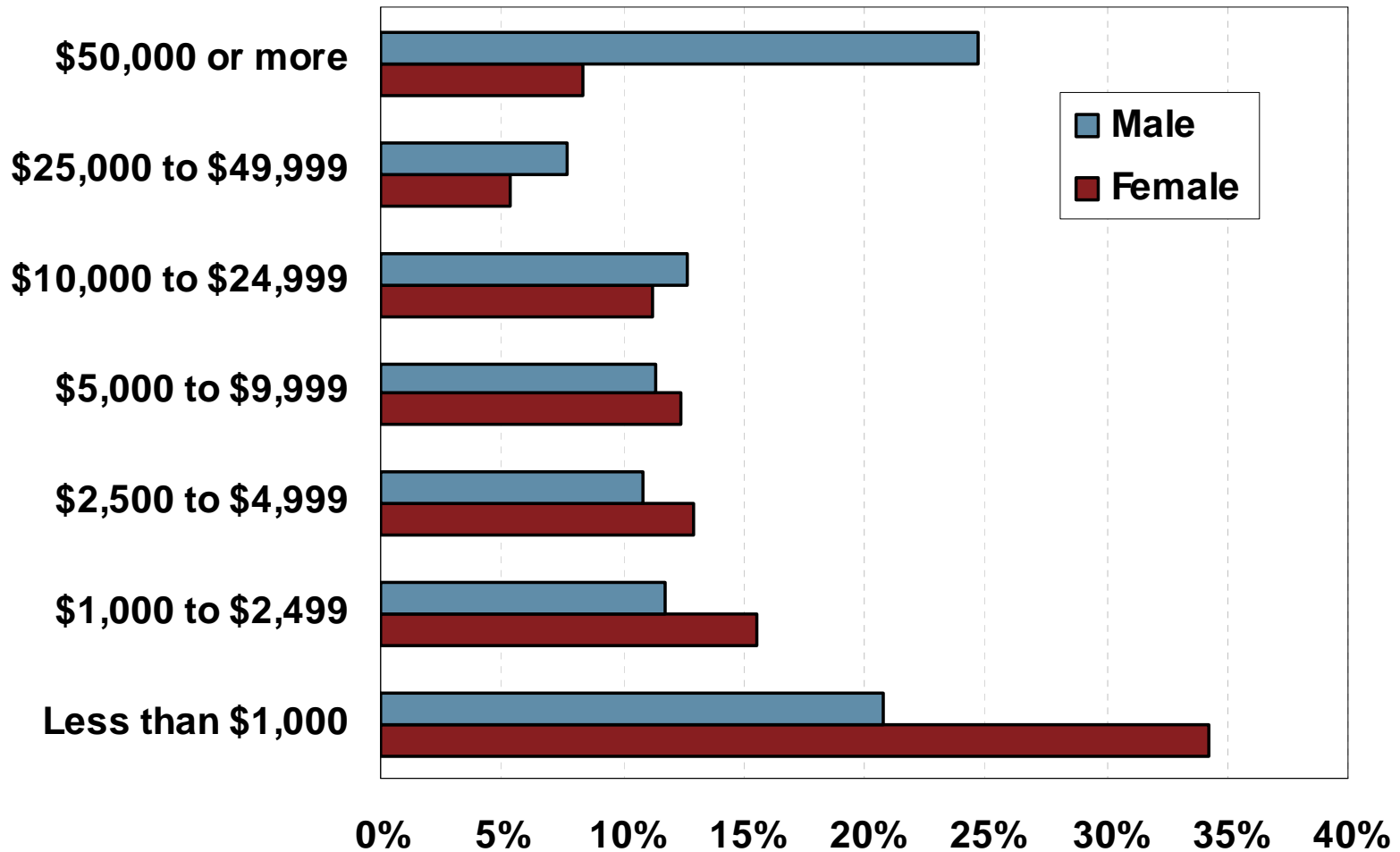


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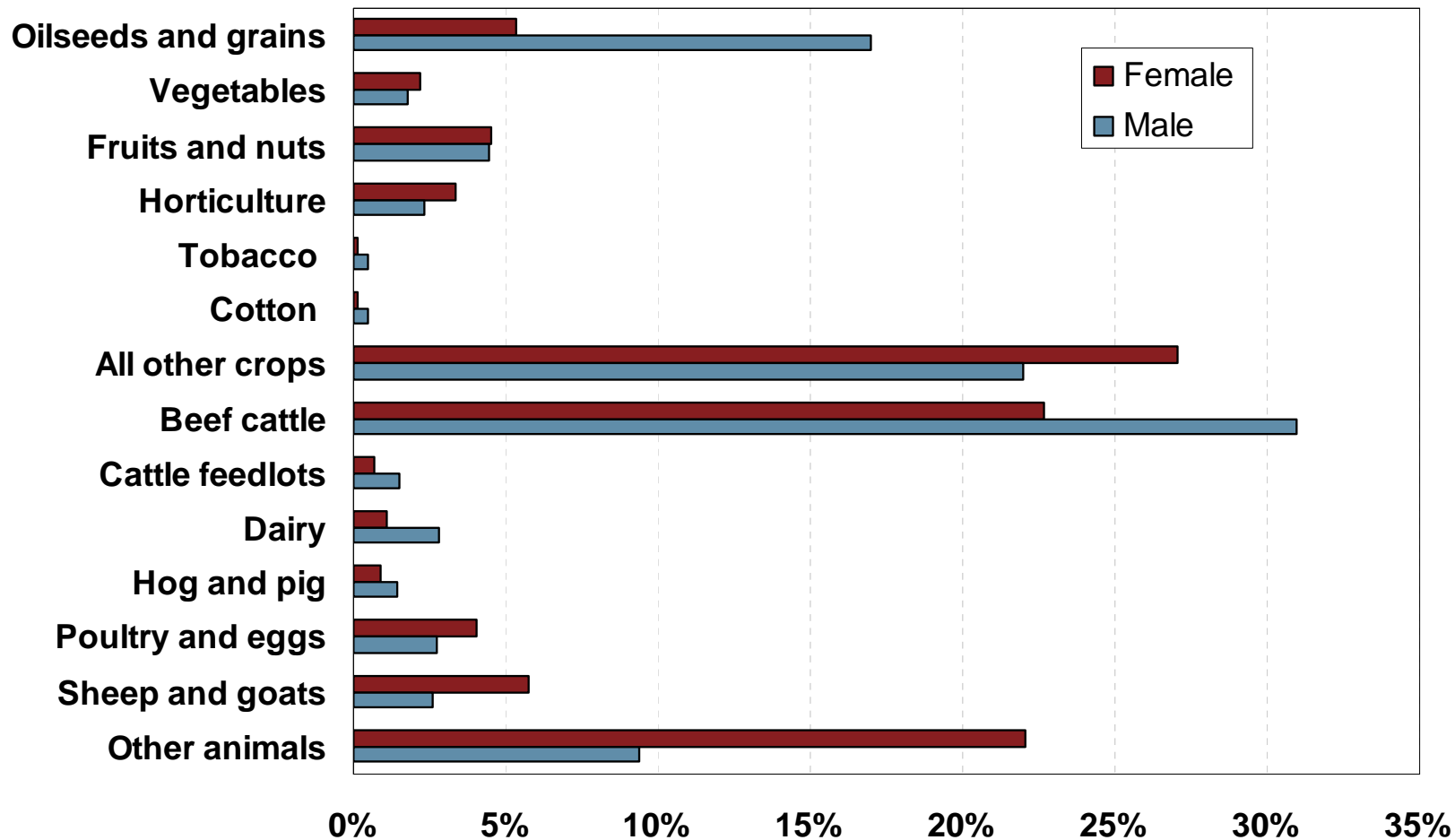
Farms by Economic Class: Female Operators, 2002 and 2007



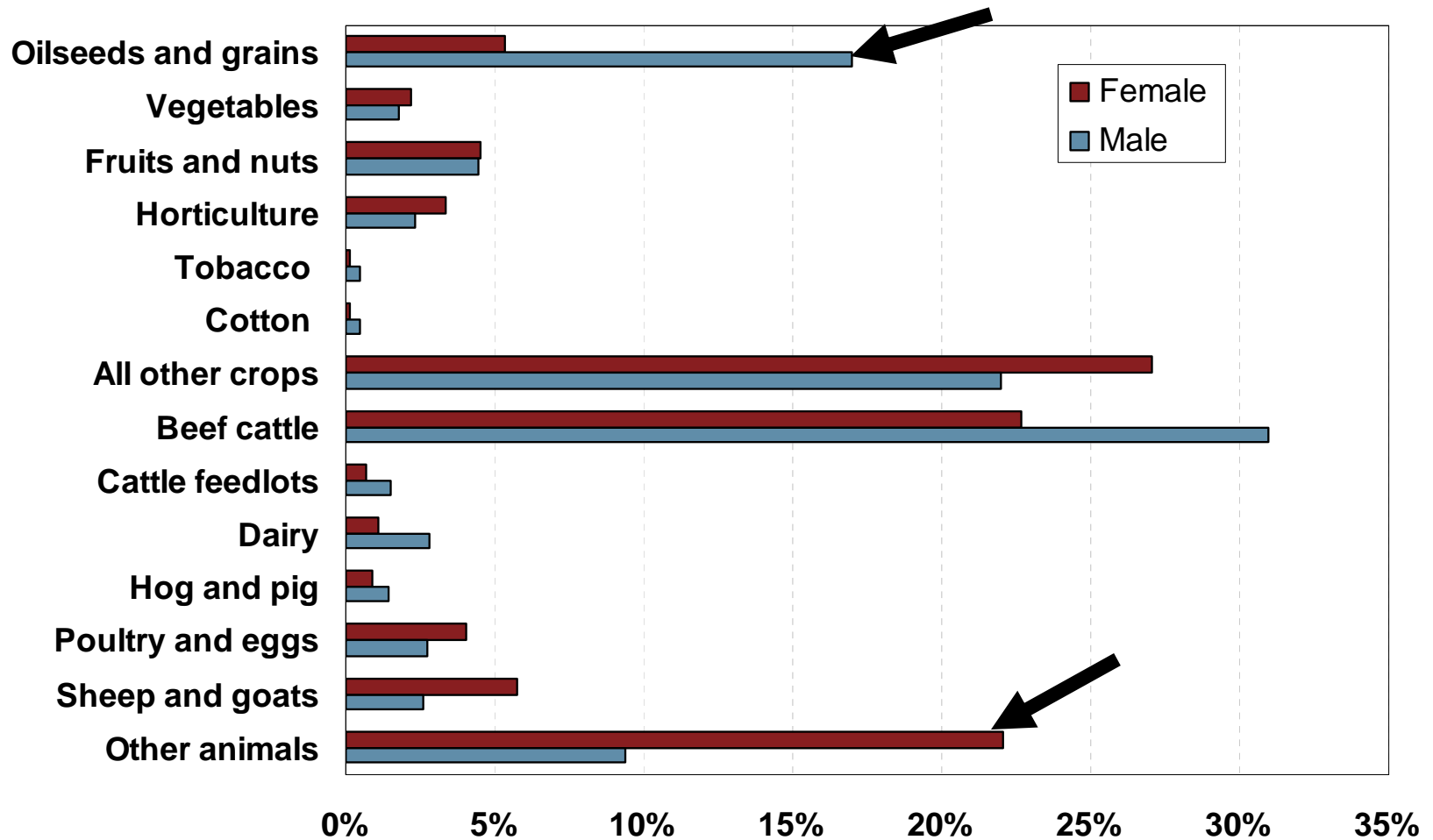
Percent of Farms by Economic Class



Percent of Farms by Type



Percent of Farms by Type

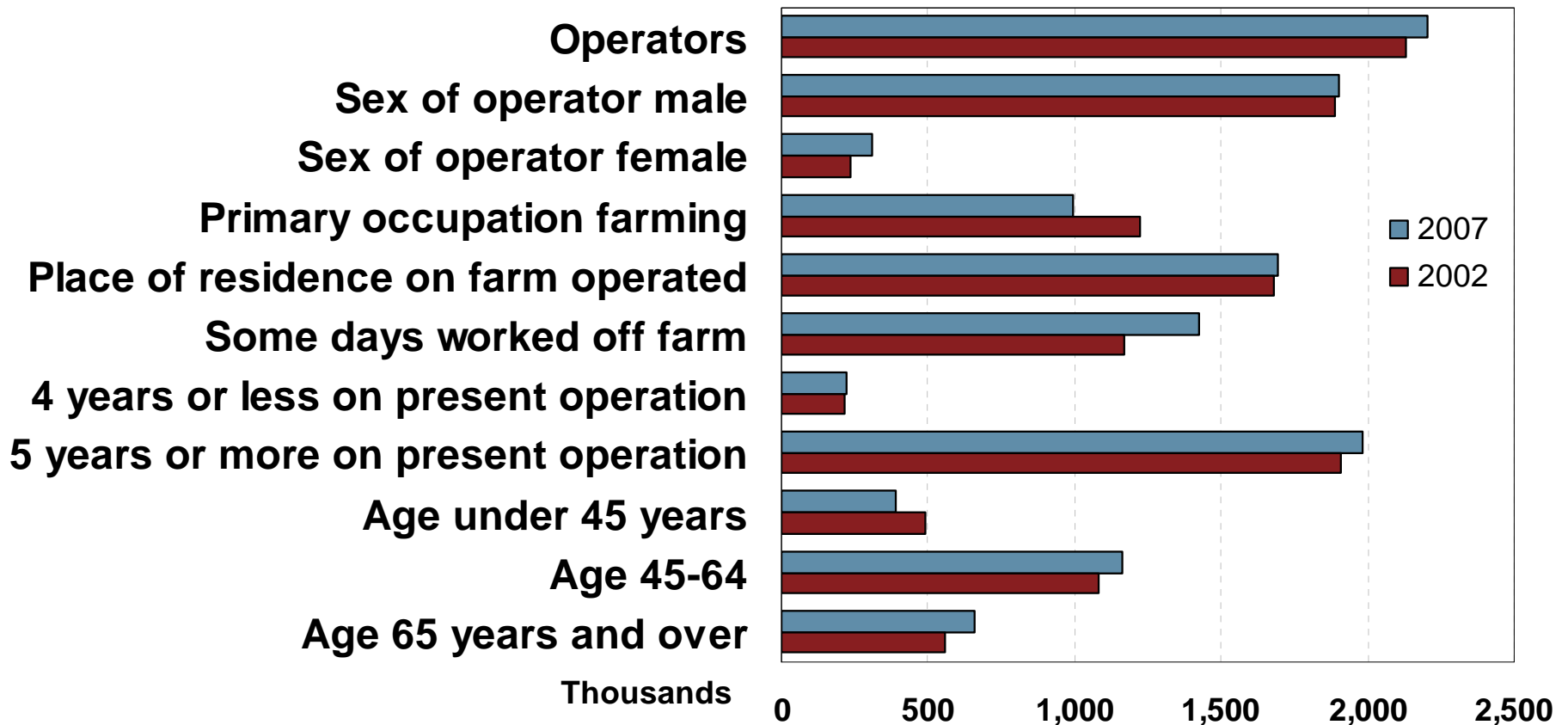


Demographic Changes

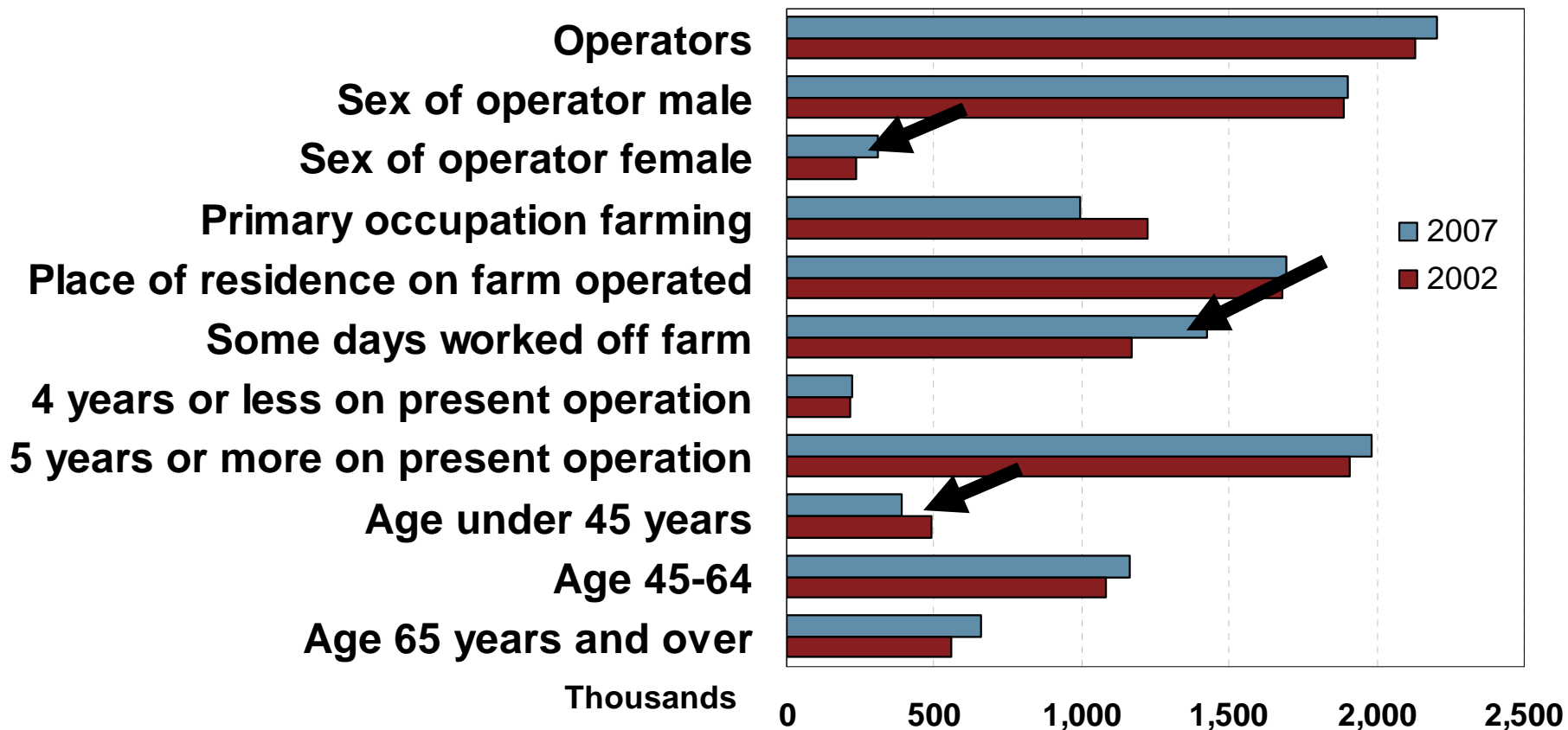
- More women and minority operators
- More operators working off-farm
- Farmers continue to get older



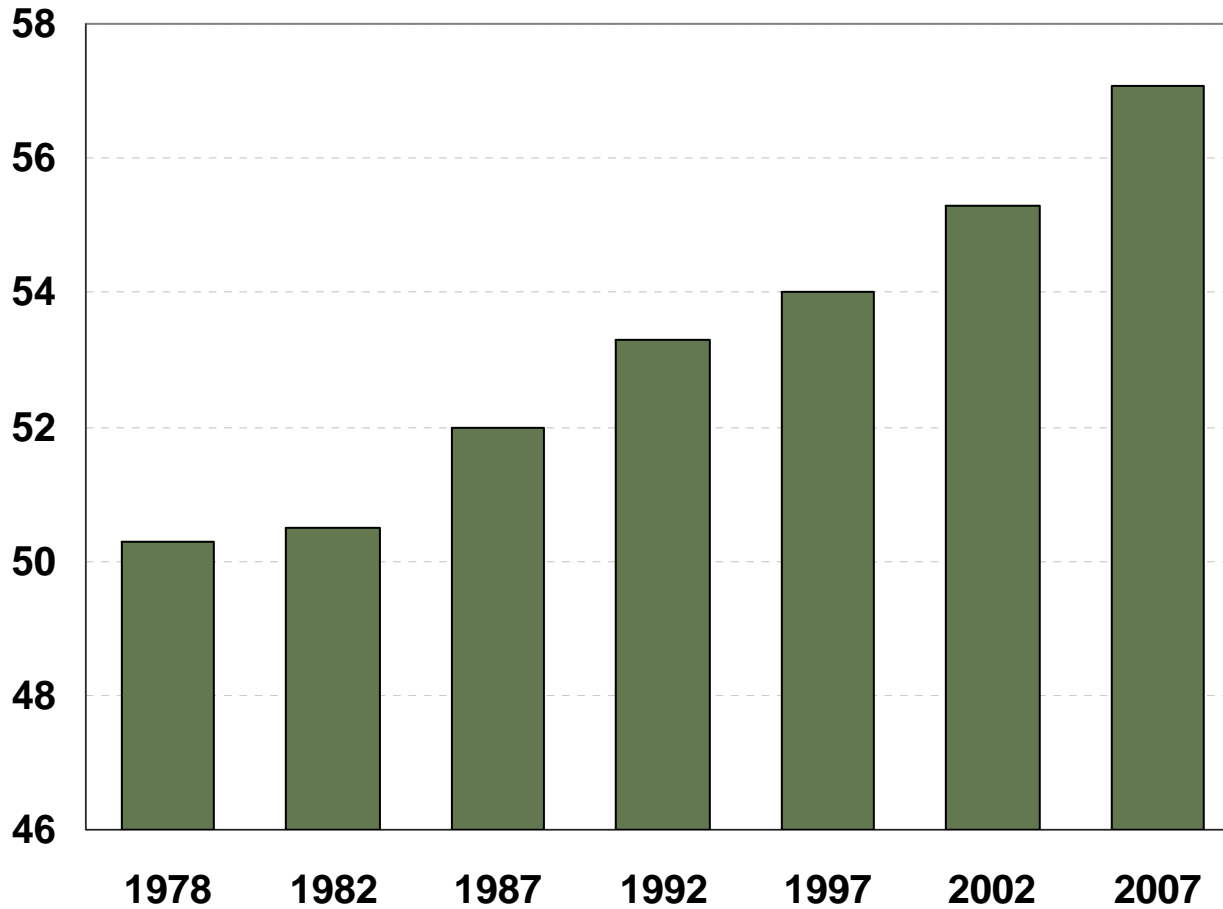
Principal Operator Characteristics, 2002 and 2007



Principal Operator Characteristics, 2002 and 2007



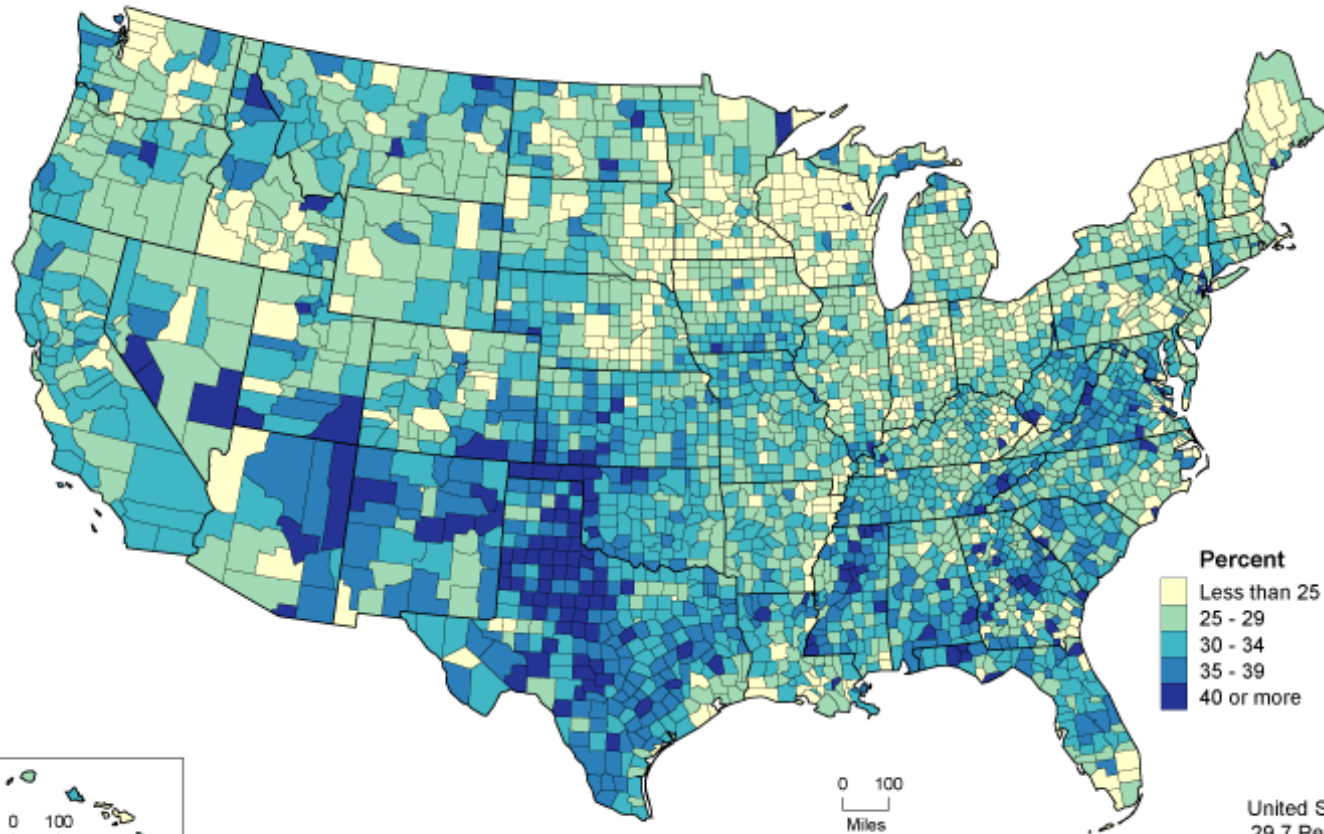
Average Age of Principal Operator



0 200
Miles

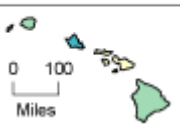


Percent of Principal Farm Operators 65 Years Old and Over: 2007



Percent
Less than 25
25 - 29
30 - 34
35 - 39
40 or more

0 100
Miles



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0 100
Miles

United States
29.7 Percent



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Outreach Efforts

- After the 2002 Census of Agriculture, NASS realized list coverage of minority and women farm operators was lower than all operators
- NASS committed to list building and working with Community Based Organizations (CBOs) to better count all operators



Outreach Efforts

- NASS partnered with CBOs to provide hands-on assistance and support to producers in filling out census forms
- NASS targeted media advertisements to improve census response rates



Counting American Indian farmers

- NASS conducted a pilot project in 2002 to count American Indian operators on reservations in 3 states- ND, SD, and MT
- In 2007, NASS attempted to collect data for operators on reservations in all states



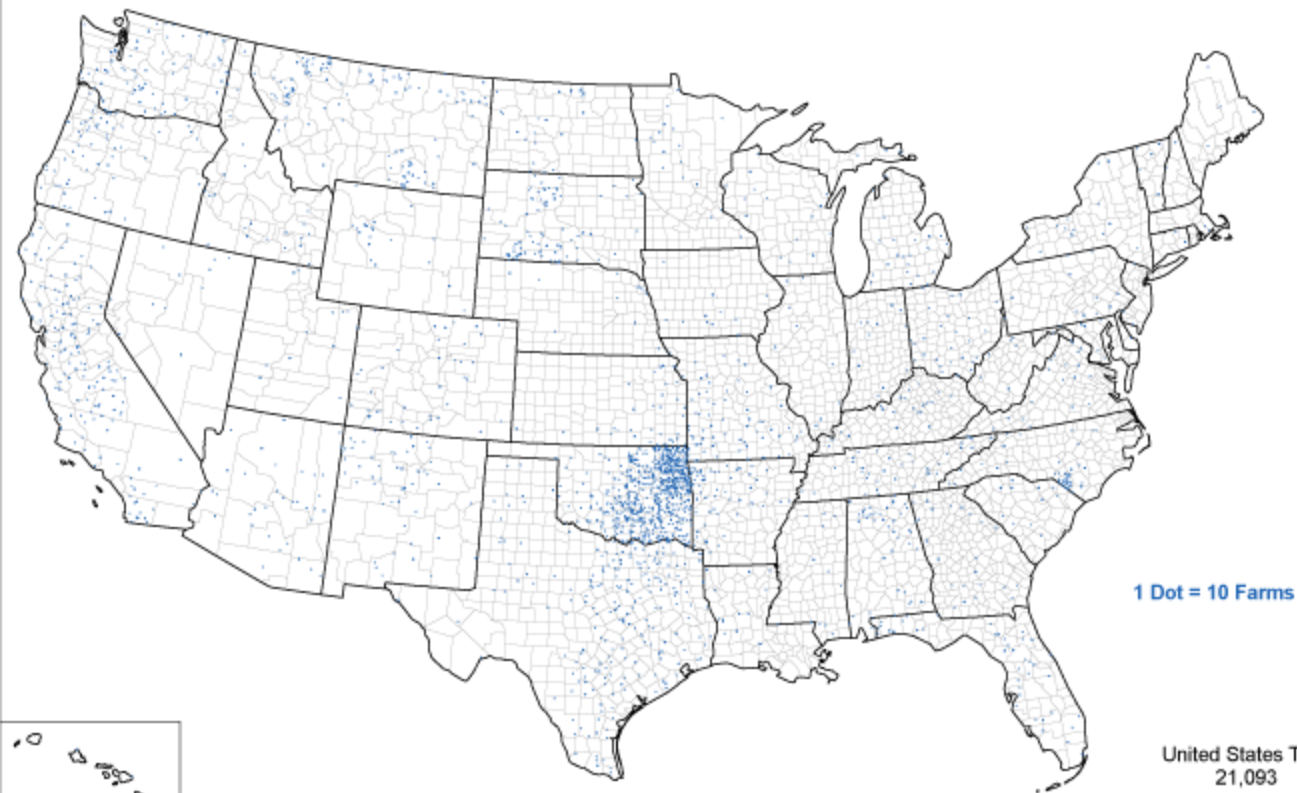
Collecting Data on Reservations in the Southwest

American Indian Principal Operators	2007 Census	2002 Census
Arizona	8,436	291
New Mexico	4,493	403



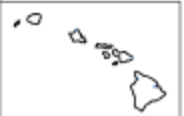


Number of Farms with American Indian or Alaska Native Operators: 2002



1 Dot = 10 Farms

United States Total
21,093



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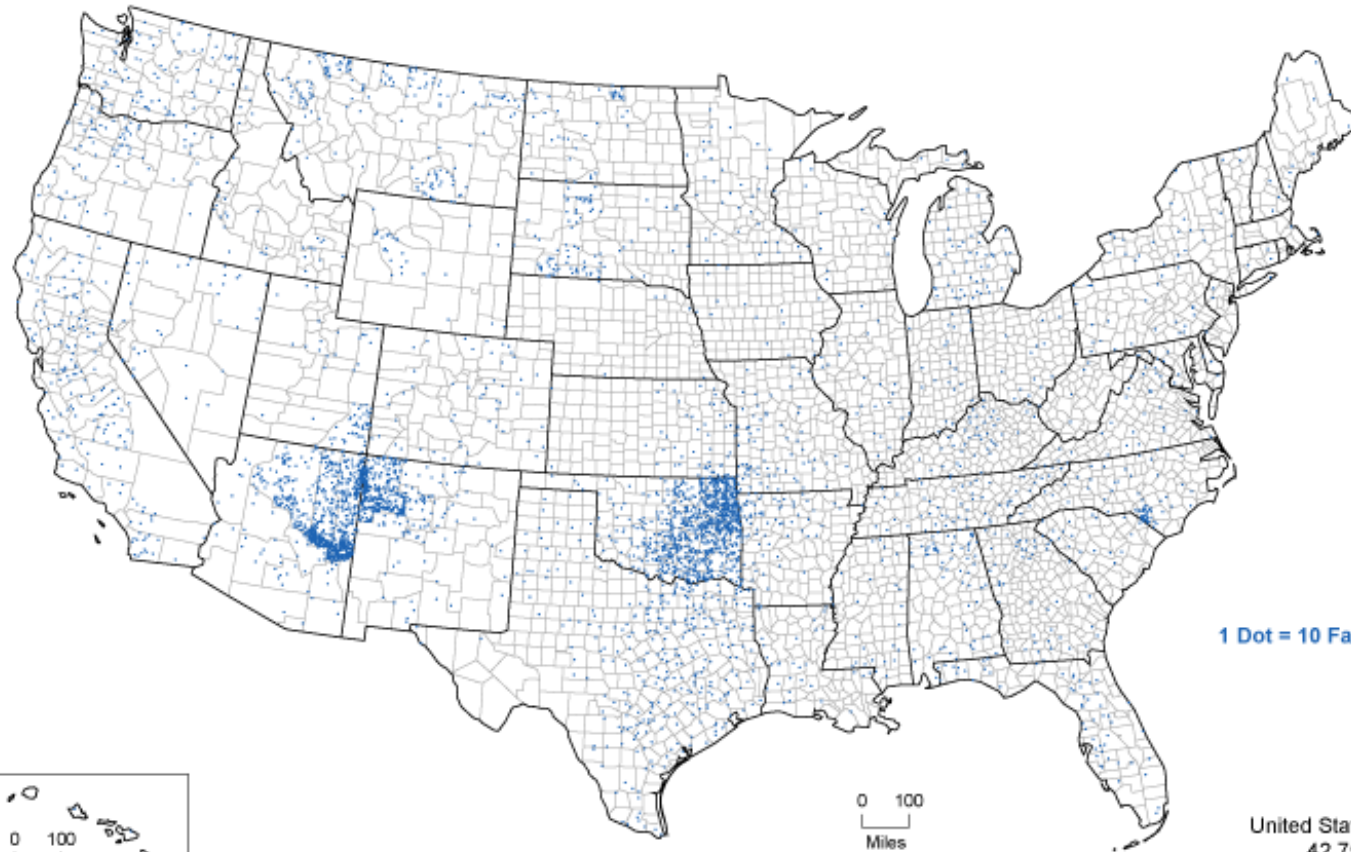


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0 200
Miles



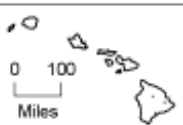
Number of Farms with American Indian or Alaska Native Operators: 2007



1 Dot = 10 Farms

United States Total
42,751

0 100
Miles



07-M128

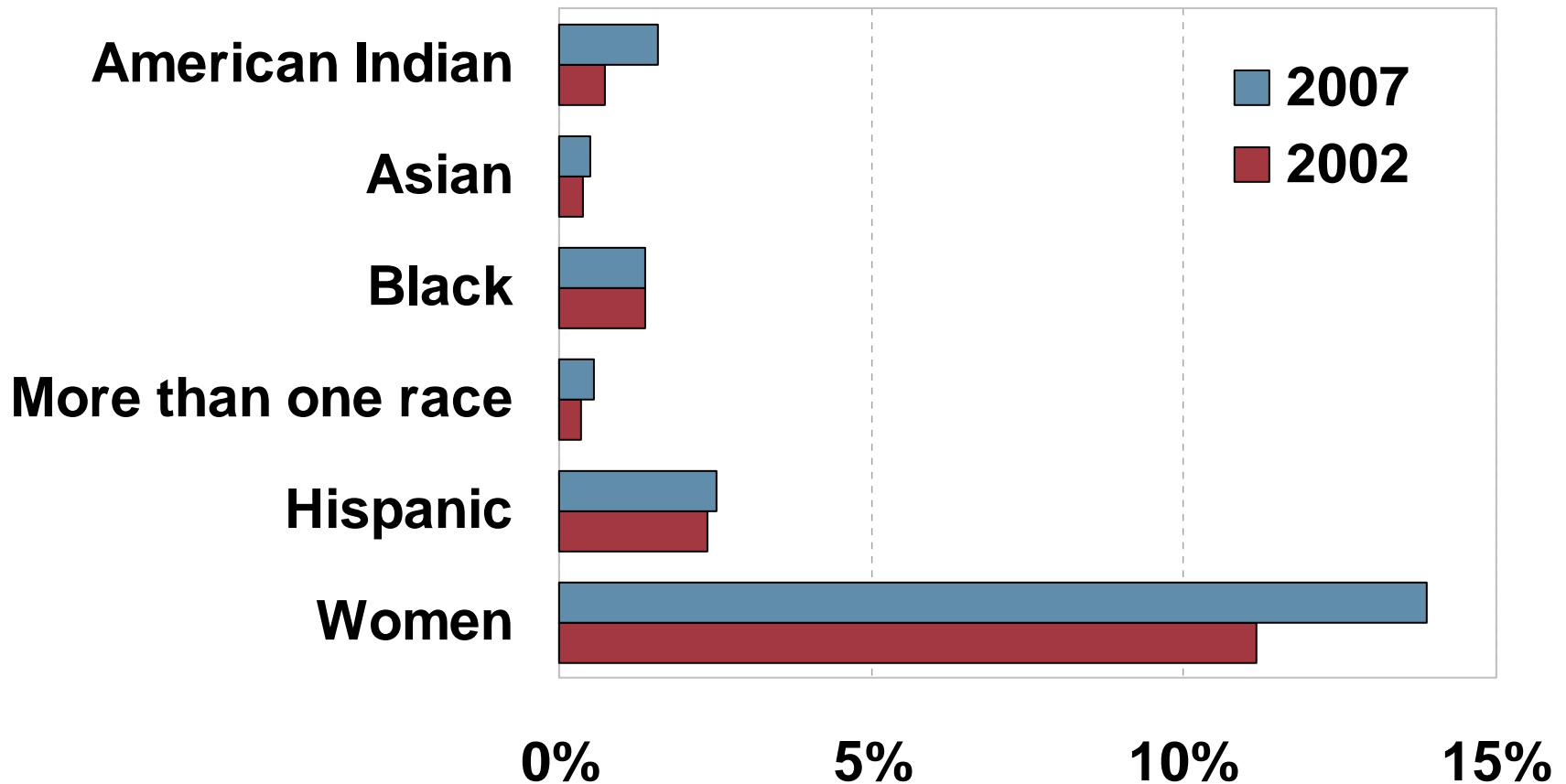
U.S. Department of Agriculture, National Agricultural Statistics Service

0 100
Miles

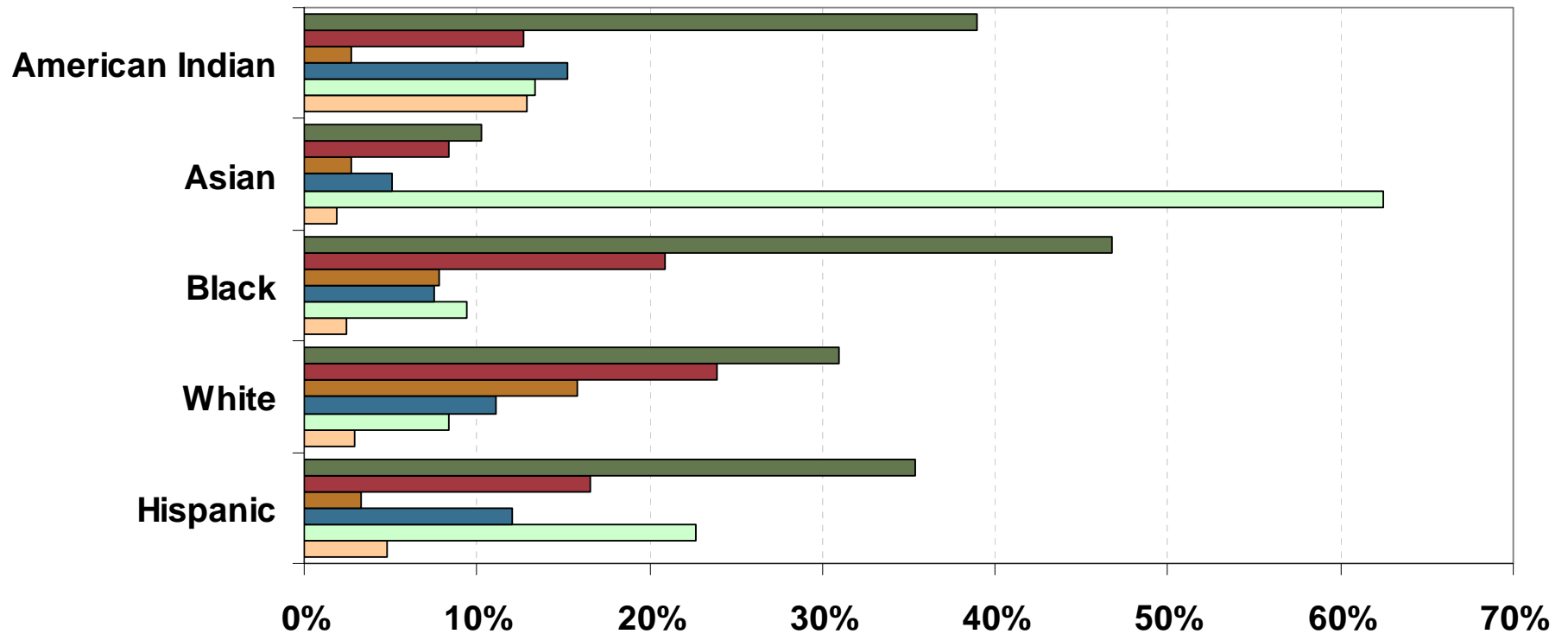


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Percent of Operators by Race, Ethnicity, and Gender



Type of Farm by Race, Ethnicity and Gender



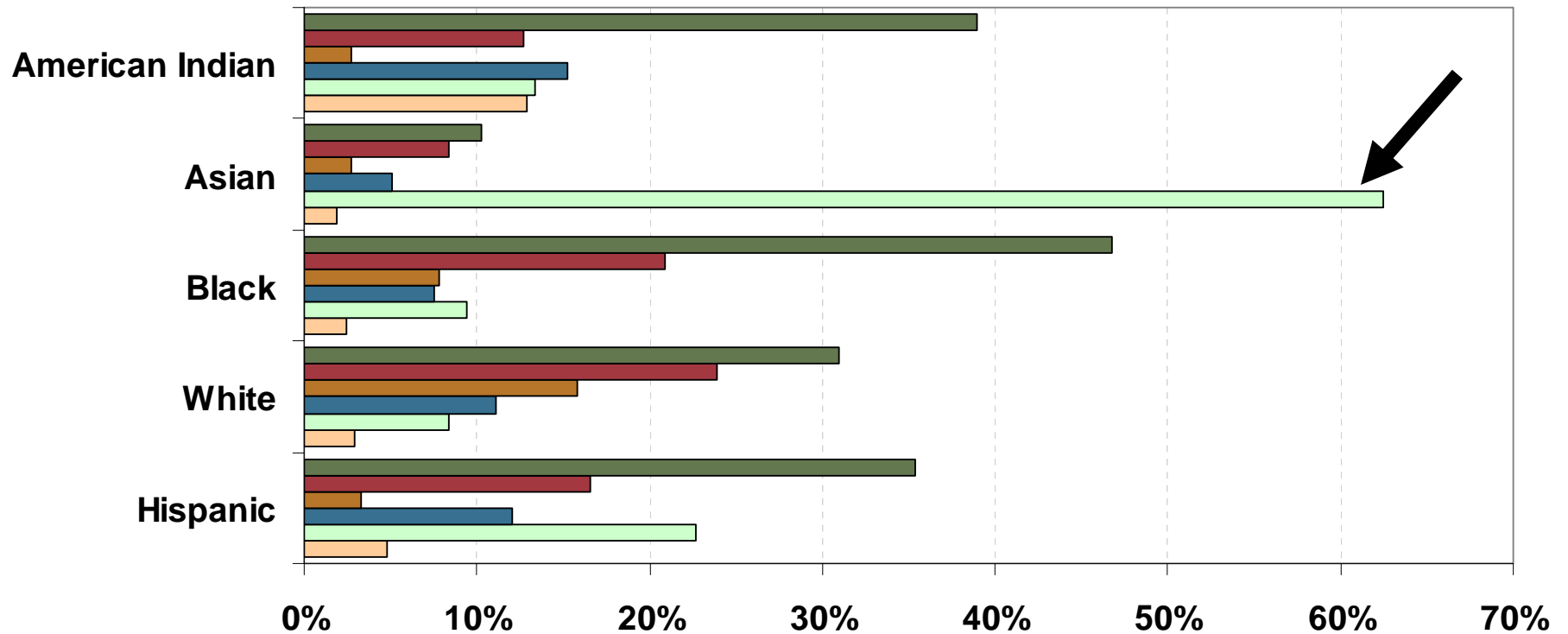
Sheep and goats
 Fruits, vegetables and nursery
 Other animals

Grain and oilseed
 All other crops
 Cattle, calves and feedlots



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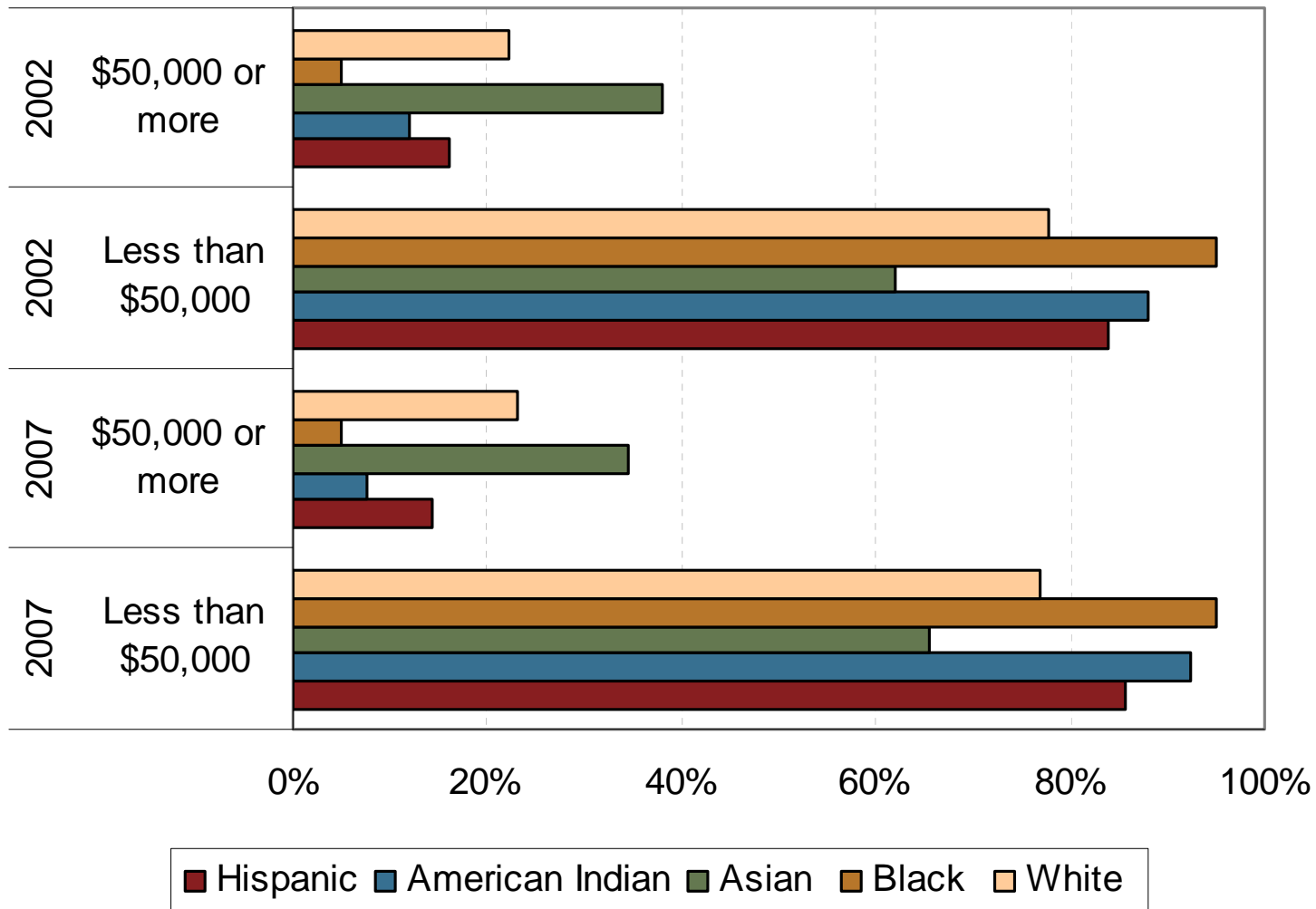
Type of Farm by Race, Ethnicity and Gender



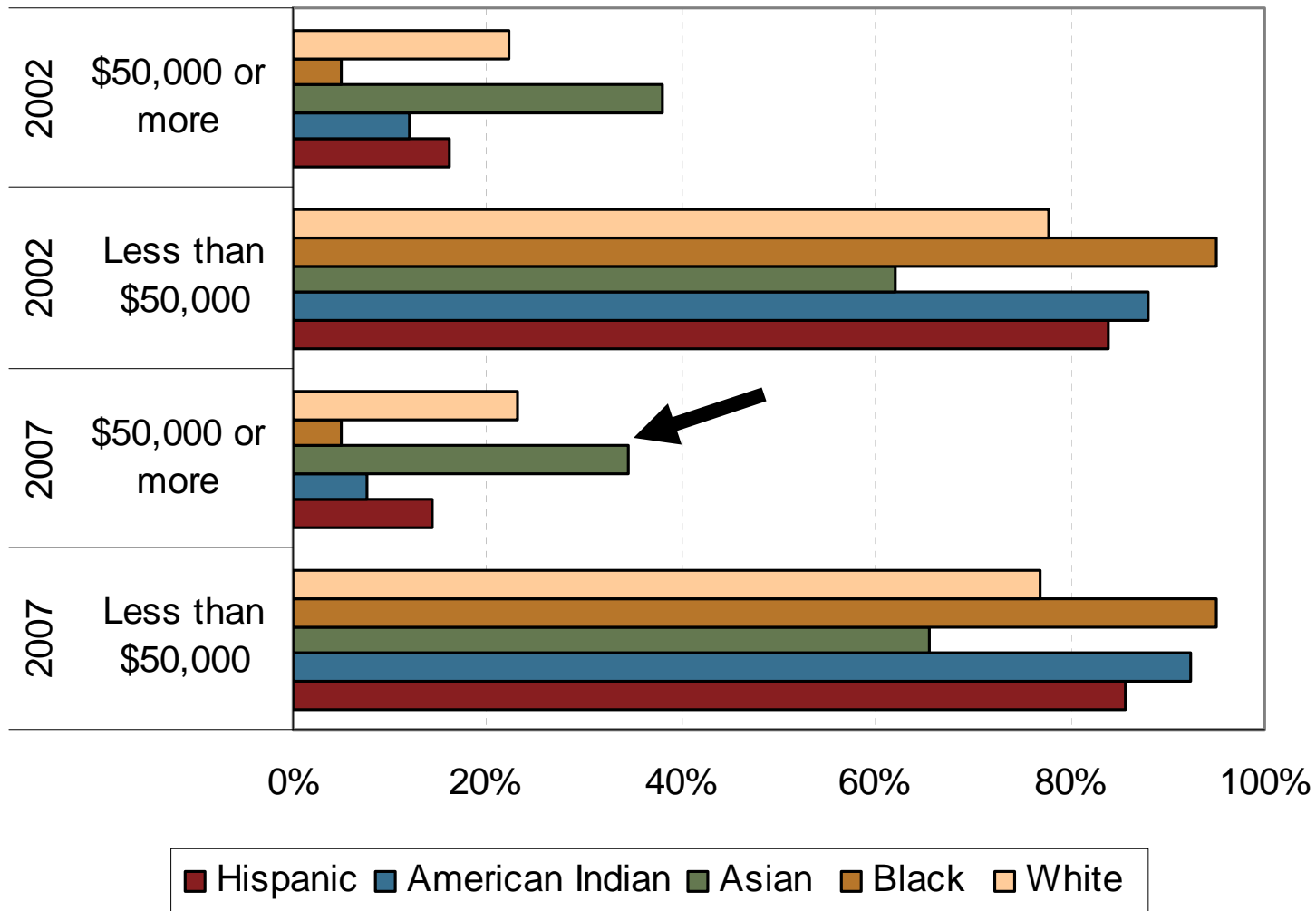
- Sheep and goats
- Fruits, vegetables and nursery
- Other animals
- Grain and oilseed
- All other crops
- Cattle, calves and feedlots



Economic Class by Race and Ethnicity



Economic Class by Race and Ethnicity





Economics

Concentration of Production

2002

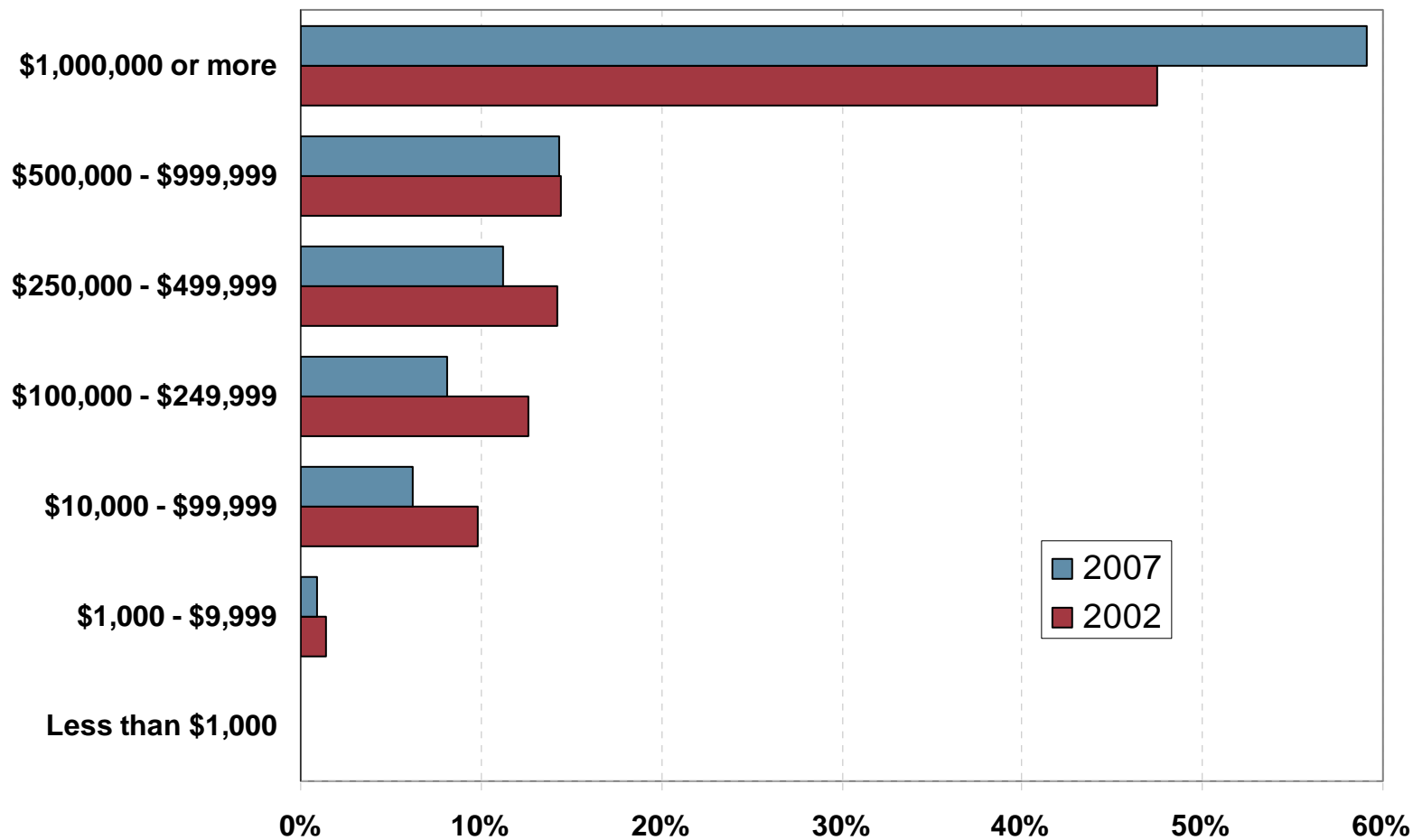
- 144,000 farms = 75% of value of production

2007

- 125,000 farms = 75% of value of production



Value of Sales by Class, 2002 and 2007



Top States

of Farms

1. Texas
2. Missouri
3. Iowa
4. Oklahoma
5. Kentucky

Value of Production

1. California
2. Texas
3. Iowa
4. Nebraska
5. Kansas

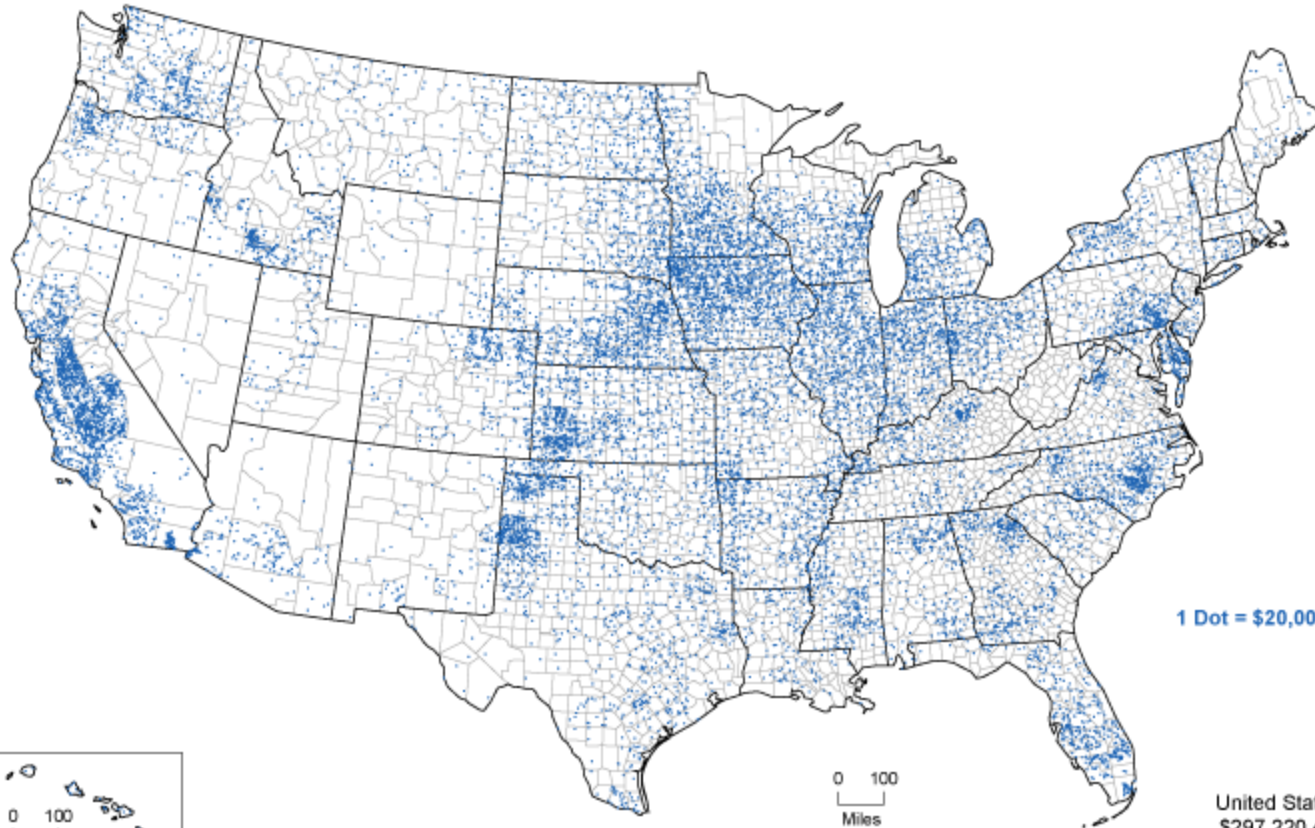
Top Producing County = Fresno County, California



0 200
Miles



Market Value of Agricultural Products Sold: 2007



1 Dot = \$20,000,000

United States Total
\$297,220,491,000

0 100
Miles

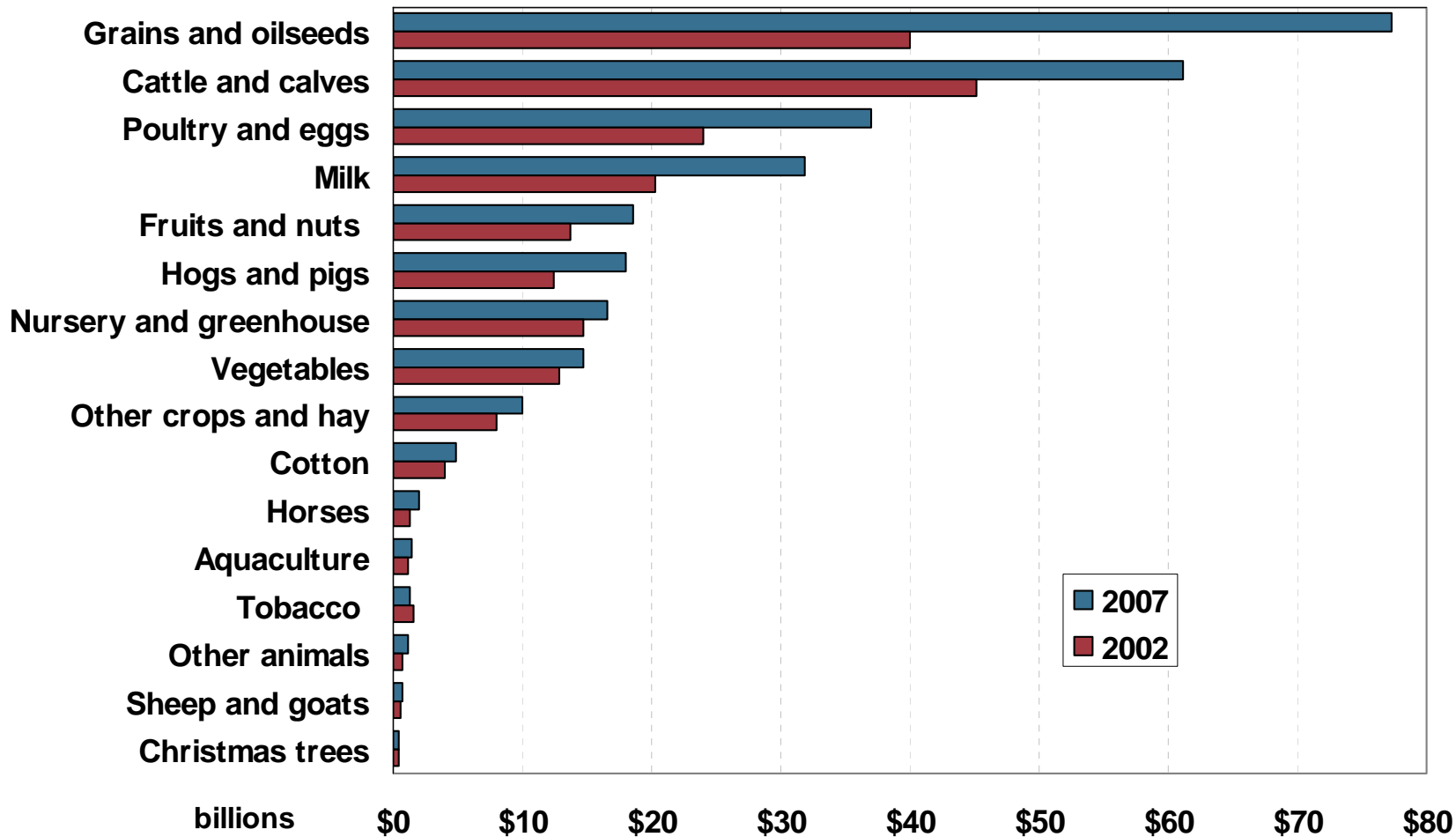


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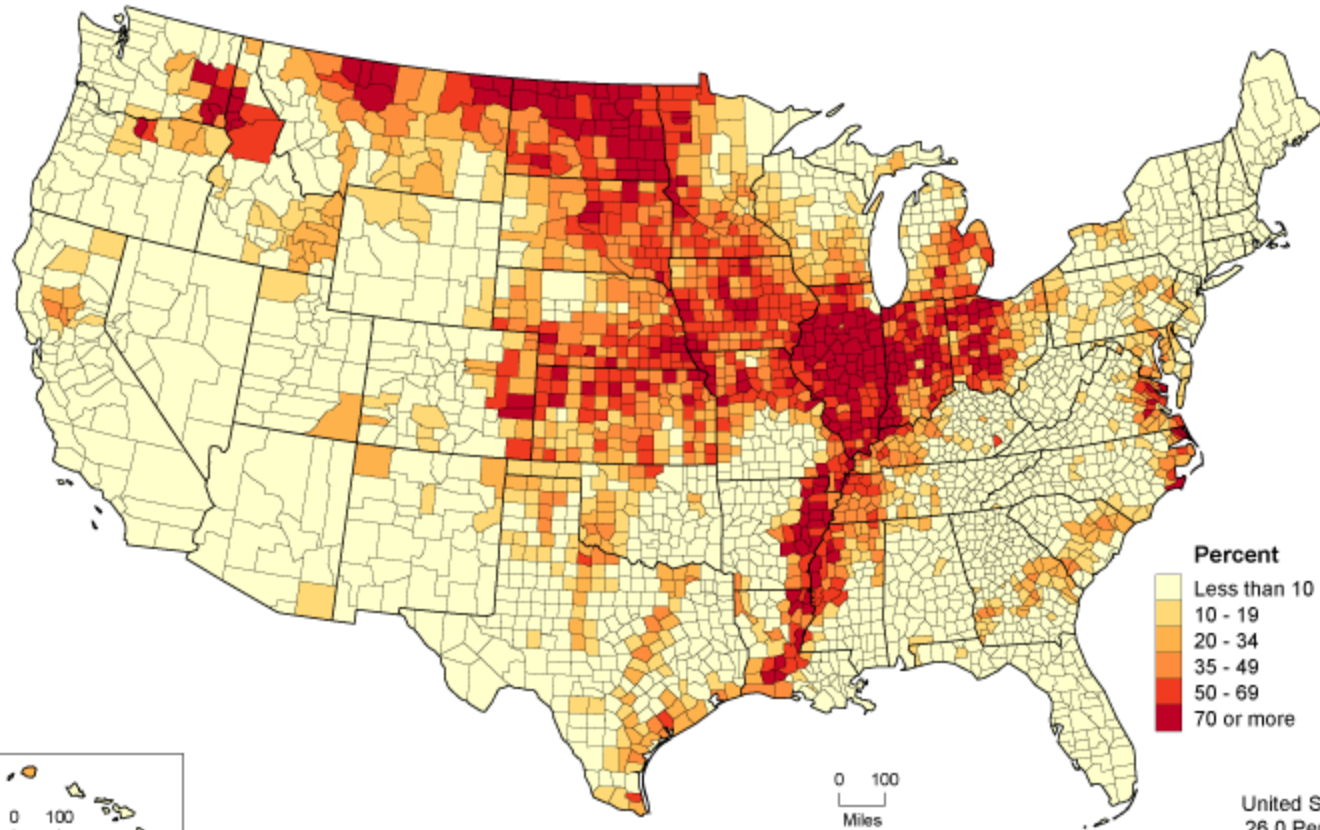
Value of Agricultural Production, 2002 and 2007



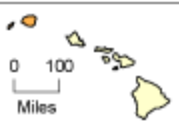
0 200
Miles



Value of Grains, Oilseeds, Dry Beans, and Dry Peas Sold as Percent of Total Market Value of Agricultural Products Sold: 2007



0 100
Miles



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U.S. Department of Agriculture, National Agricultural Statistics Service

0 100
Miles

United States
26.0 Percent

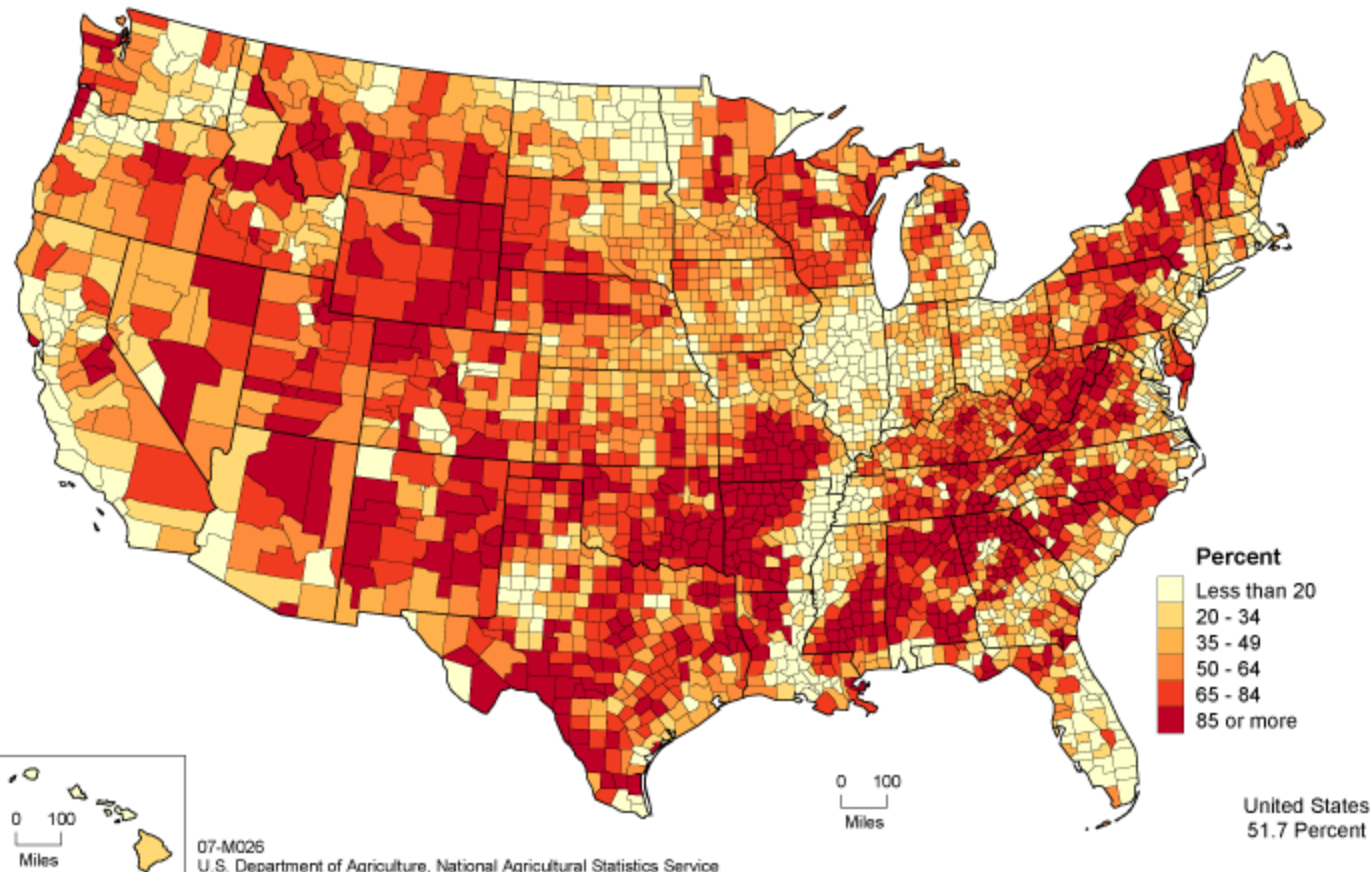


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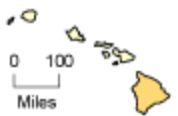
0 200
Miles



Value of Livestock, Poultry, and Their Products Sold as Percent of Total Market Value of Agricultural Products Sold: 2007



0 100
Miles



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0 100
Miles

Percent
Less than 20
20 - 34
35 - 49
50 - 64
65 - 84
85 or more

United States
51.7 Percent



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Income and Expenses

	2007 (\$ billions)	2002 (\$ billions)
Market Value Ag Products Sold	297	201
Government Payments Received	8	7
Farm Related Income	10	6
Production Expenses	241	173



Income and Expenses

	2007	2002
Average market value agricultural products sold	134,807	94,245
Average government payment received	9,523	9,251
Average production expenses	109,359	81,362



Production Expenses

	2007 (\$ billions)	2002 (\$ billions)
Gasoline and fuel	13	7
Fertilizer	18	10
Seed	12	8
Feed	49	32

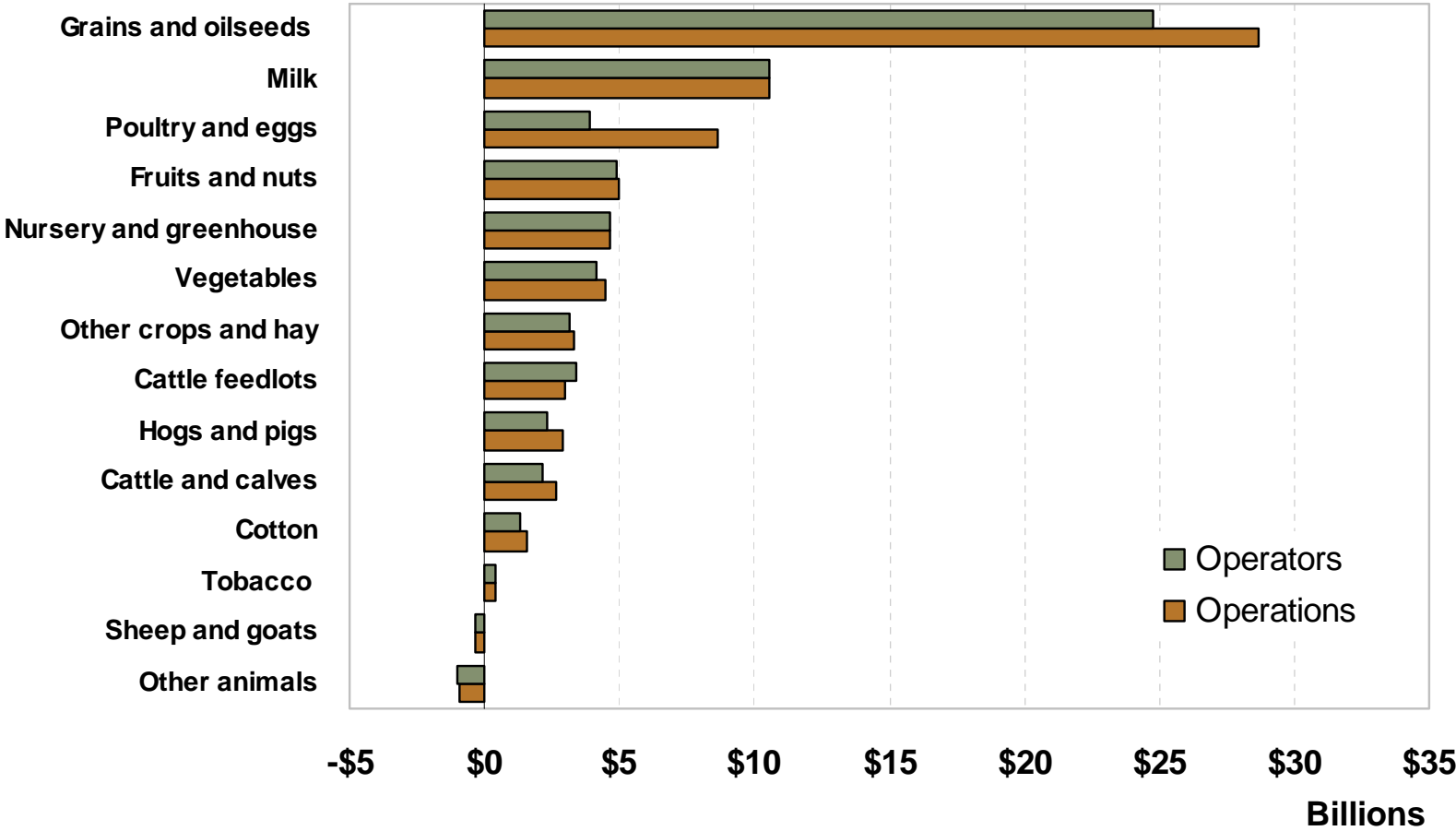


Net Cash Income

	2007	2002
Of Operations (in billion \$)	75	41
Average per operation (\$)	33,827	19,032
Of Farm Operators (in billion \$)	64	34
Average per operator (\$)	29,117	15,848

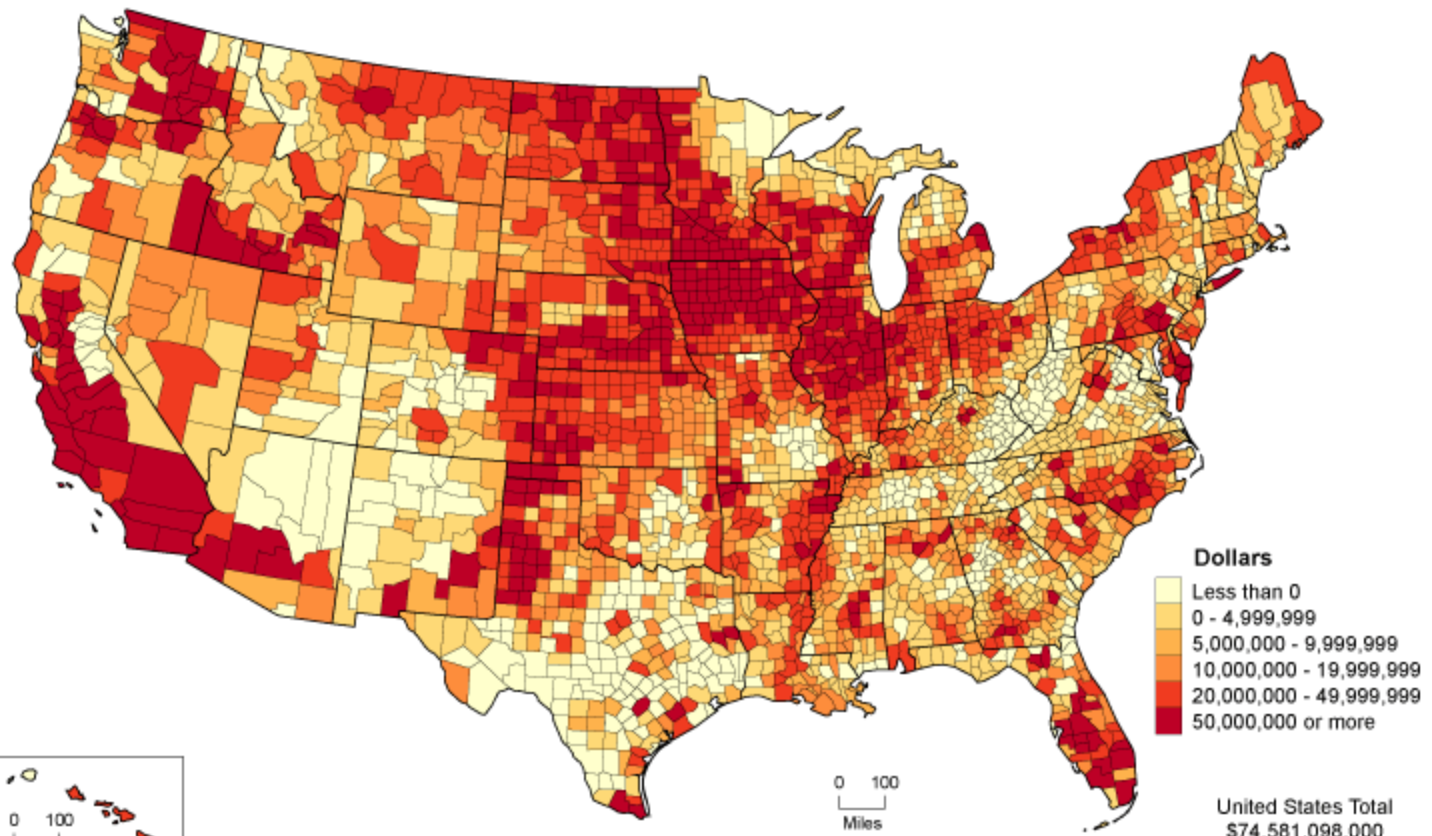


Net Cash Farm Income of Operations and Operators by NAICS, 2007

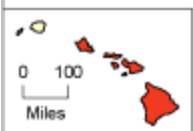




Net Cash Farm Income of Operations: 2007



United States Total
\$74,581,098,000

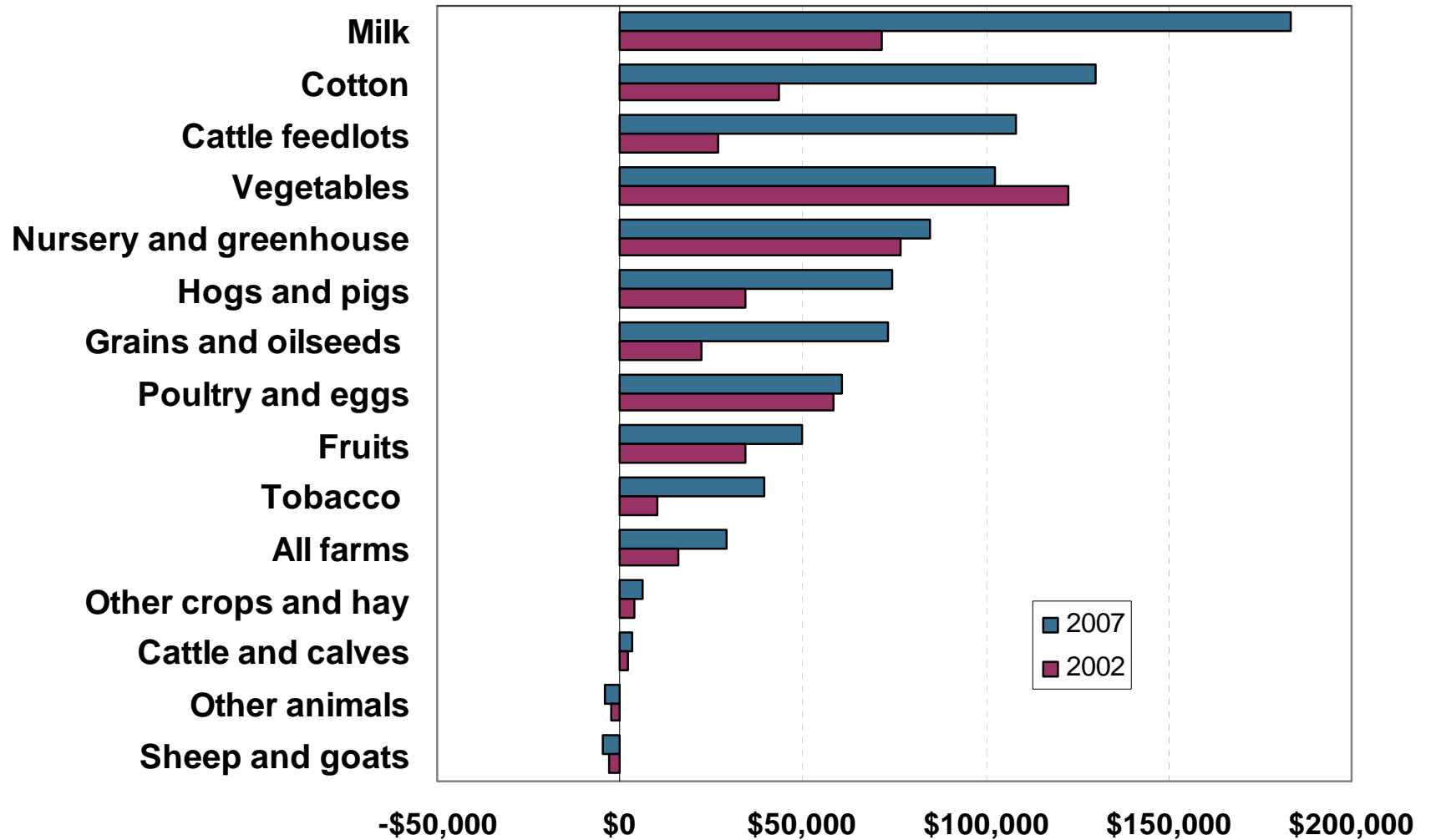


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Average Net Operator Income



Production Contracts

	2007	2002
Number of farms producing under contract	40,496	46,955
Value of Commodities Produced under Production Contract (billion \$)	48.8	31.6
Payments Received for producing under contract (billion \$)	7.6	6.0

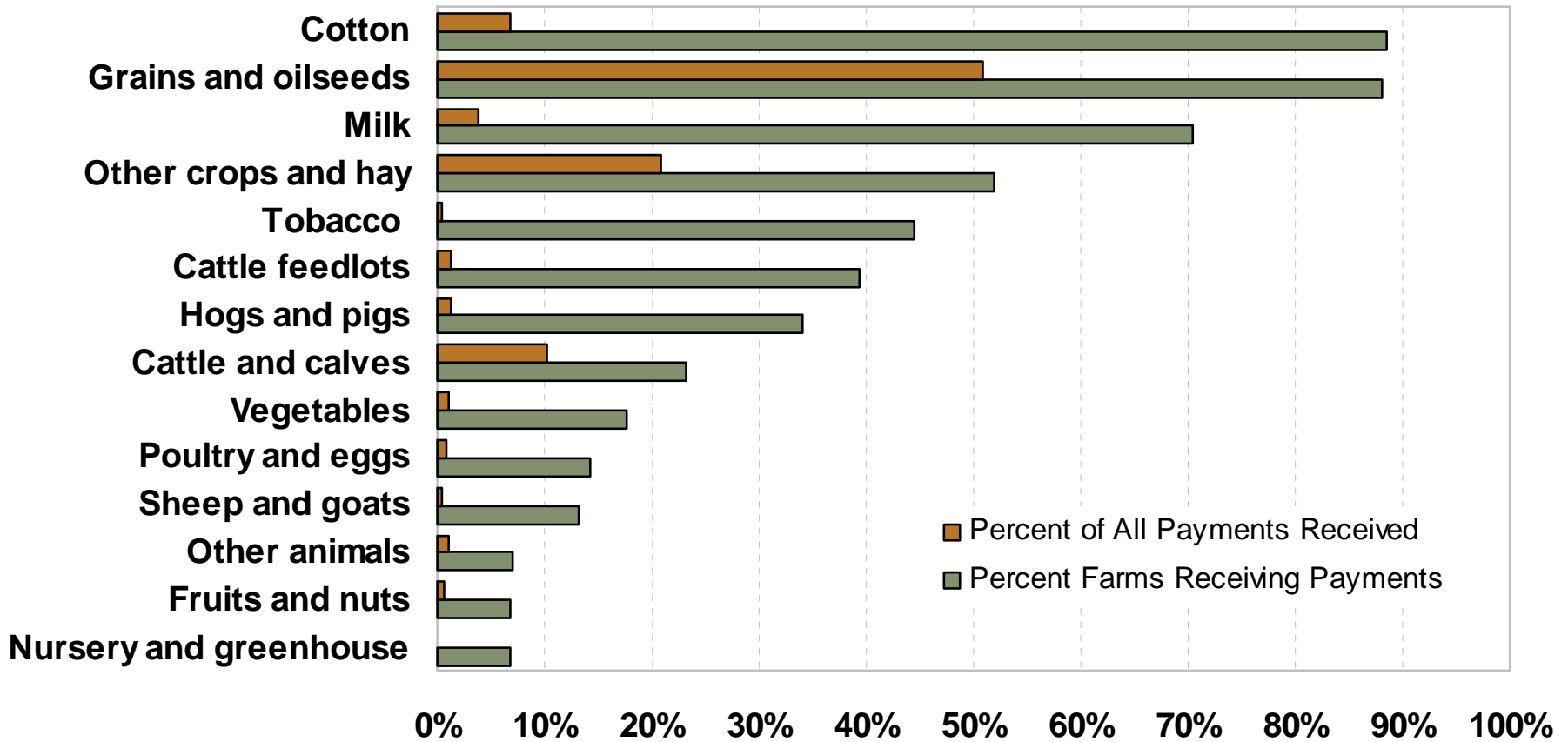


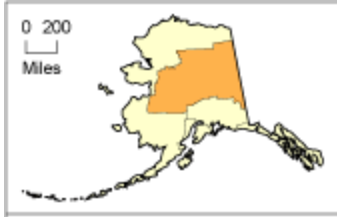
Agritourism

	2007	2002
# of Farms	23,350	28,016
Value of Receipts (\$)	566,834,000	202,184,000
Average per farm (\$)	24,276	7,217

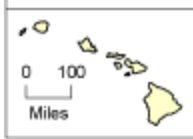
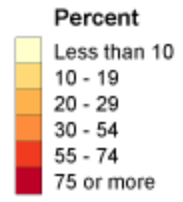
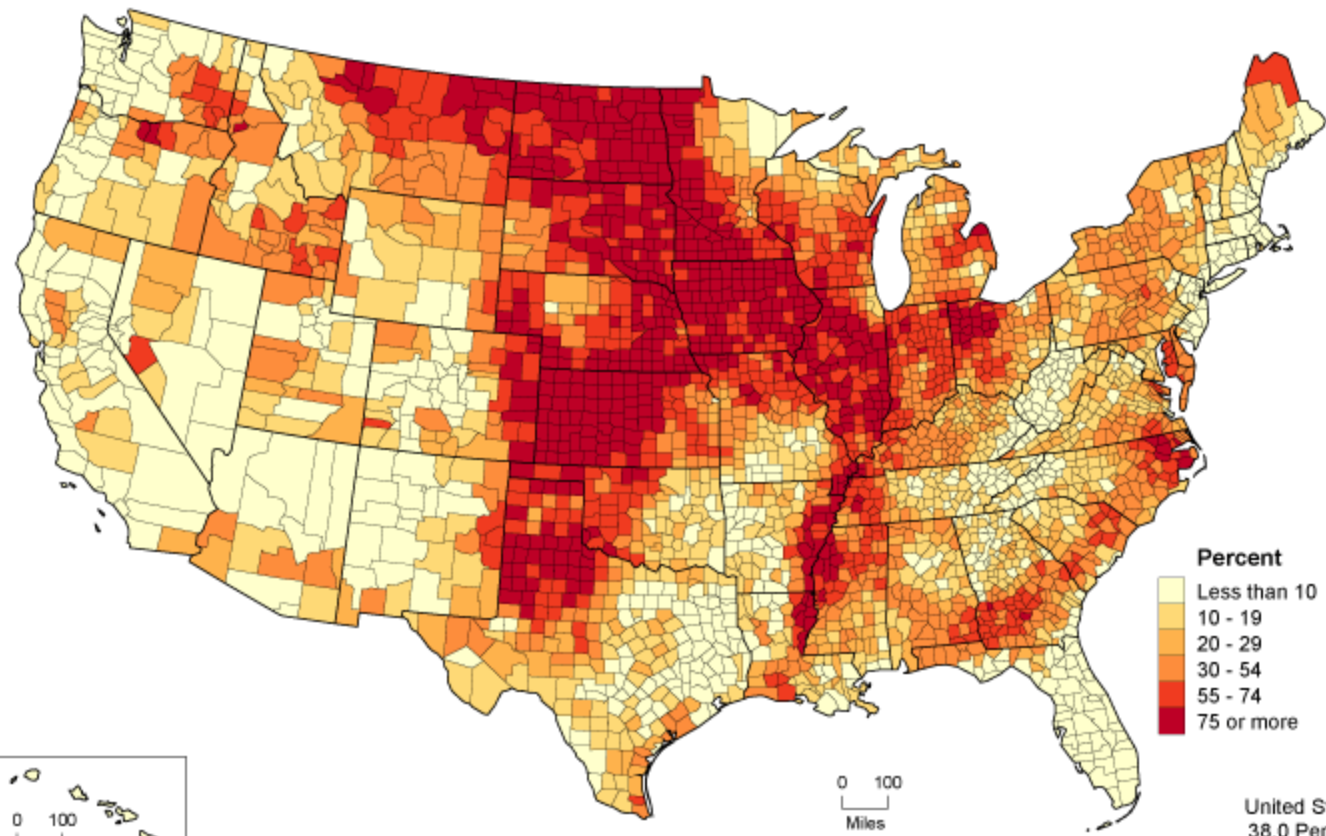


Government Payments Received by Category, 2007





Percent of Farms Receiving Government Payments: 2007



United States
38.0 Percent

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The latest data on rural America.

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What's New in 2007?

	# of Farms
Organic Production	20,437
Generated Energy On-Farm	23,451
Marketed Through Community Supported Agriculture	12,549
Barns Built Prior to 1960	664,264



What Else is Available?

- Production practices
- Production expenditures
- Value-added & specialty production
- Conservation practices
- Income from agritourism & recreation
- Much, much more



Future Products

- Congressional District Tabulations
 - Spring 2009
- Watershed Tabulations
 - Spring 2009
- American Indian Reservation Summary
 - Spring 2009
- ZIP Code Tabulations
 - Summer 2009



Supplemental Surveys

- Farm and Ranch Irrigation Survey
 - Currently Underway
 - Results Available Late 2009
- Organic Production Survey
 - Conducted Spring 2009
 - Results Available Late 2009





The new landscape of American agriculture.

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