DATA!

food solutions new england

Food is a powerful determinant of all aspects of quality of life the world over, including New England.

food solutions new england

New Englanders can and should pursue a future in which food nourishes a social, economic, and environmental landscape that supports a high quality of life for everyone, for generations to come.

food solutions new england

The success of this vision depends on collaborative action and collective impact, which do not happen without purposeful efforts to build networks and coalitions across race, gender, geographic, and economic divides.

Categorical Inequality:

Socially organized differences in well-being

Categorical Inequality:

1. Exploitation: Coordinating the work of others who are excluded from the full value added by that effort.

Categorical Inequality:

2. Opportunity Hoarding:

A distinctive network that sequesters resources and creates beliefs and practices that sustain control.

Categorical Inequality:

3. Emulation: The copying of established models from one setting to another. Provides illusion of inevitability.

Categorical Inequality:

4. Adaptation: Everyday procedures and practices that people use to cope with and so reproduce the categorical distinctions in their daily interactions.

Exploitation - Opportunity Hoarding - Emulation - Adaptation

Rules	+	Resources
Laws		Money
Culture		Natural *(e.g., oil)*
Values		Authority
Norms		Weapons
Practices		Physical

Categorical Inequality in Food Systems

Farm Income + Sales

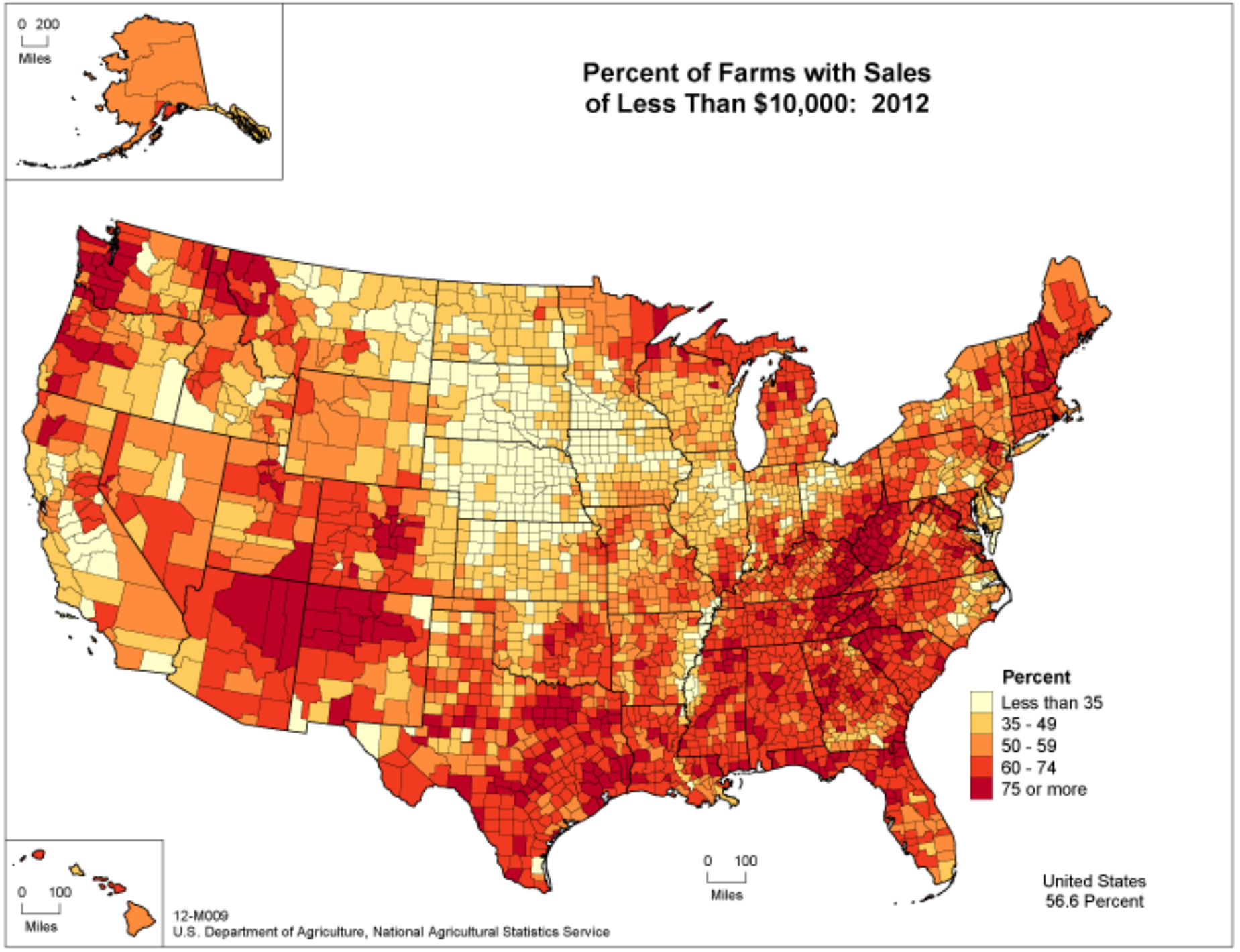
Food System Jobs + Wages

Food Expenditures

Food Security

Obesity

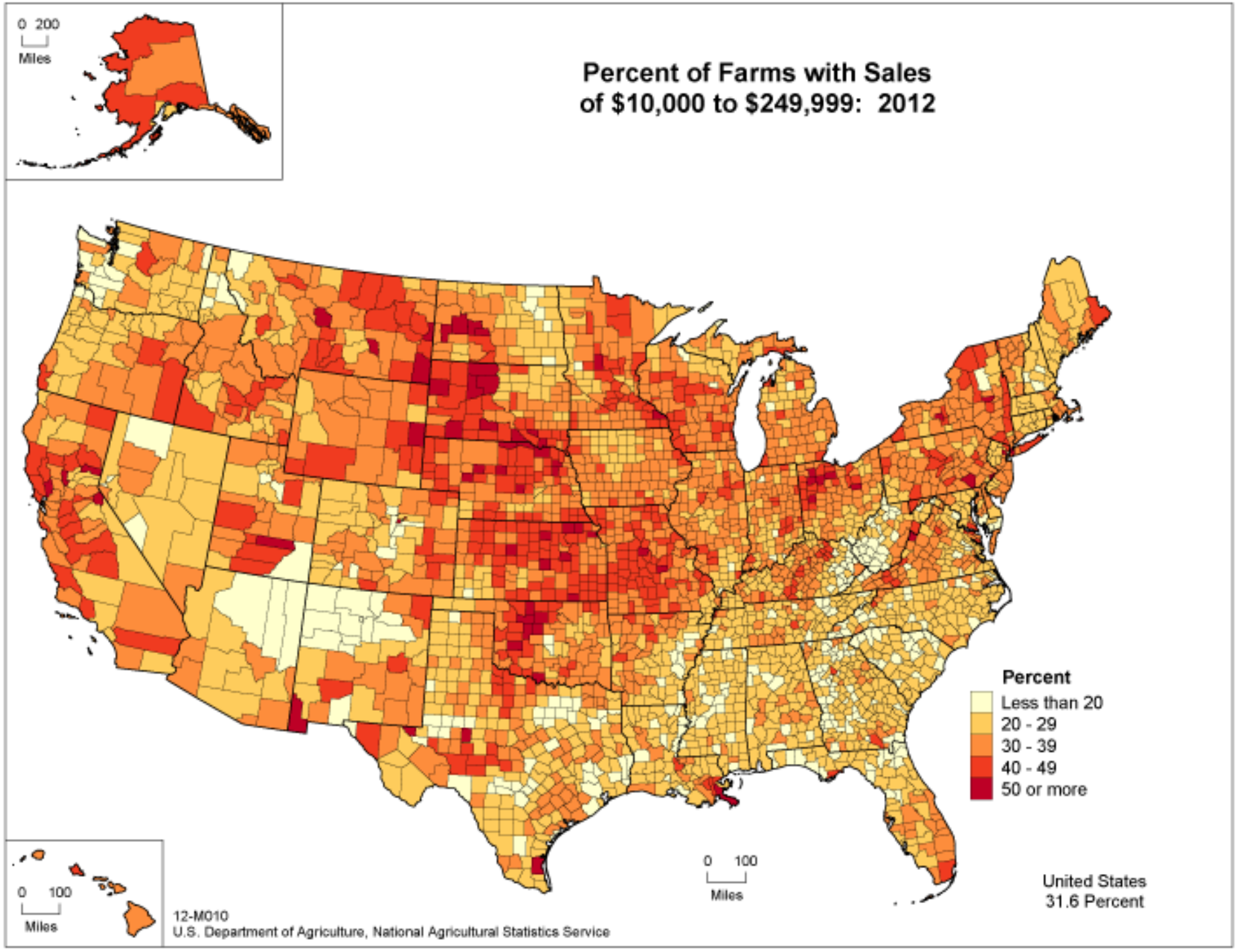
FARM INCOME + SALES



2012 Census of Agriculture

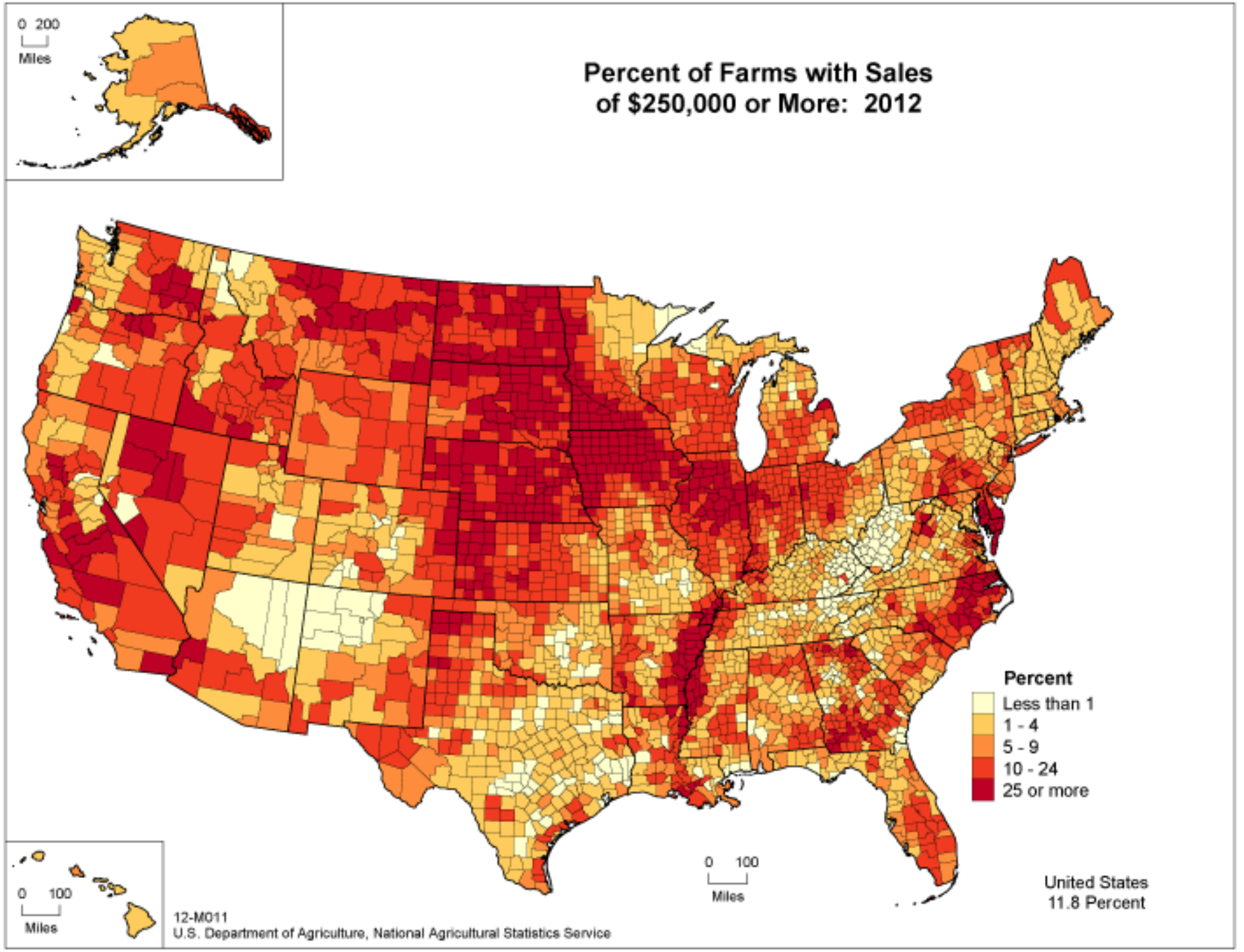
1,145,315

54.3%


Percent of Farms with Sales
of $10,000 to $249,999: 2012
0 200
Miles
Percent
Less than 20
20 - 29
30 - 39
40 - 49
50 or more
0 100
Miles
United States
31.6 Percent
0 100
Miles
12-M010
U.S. Department of Agriculture, National Agricultural Statistics Service
2012 Census of Agriculture

709,113

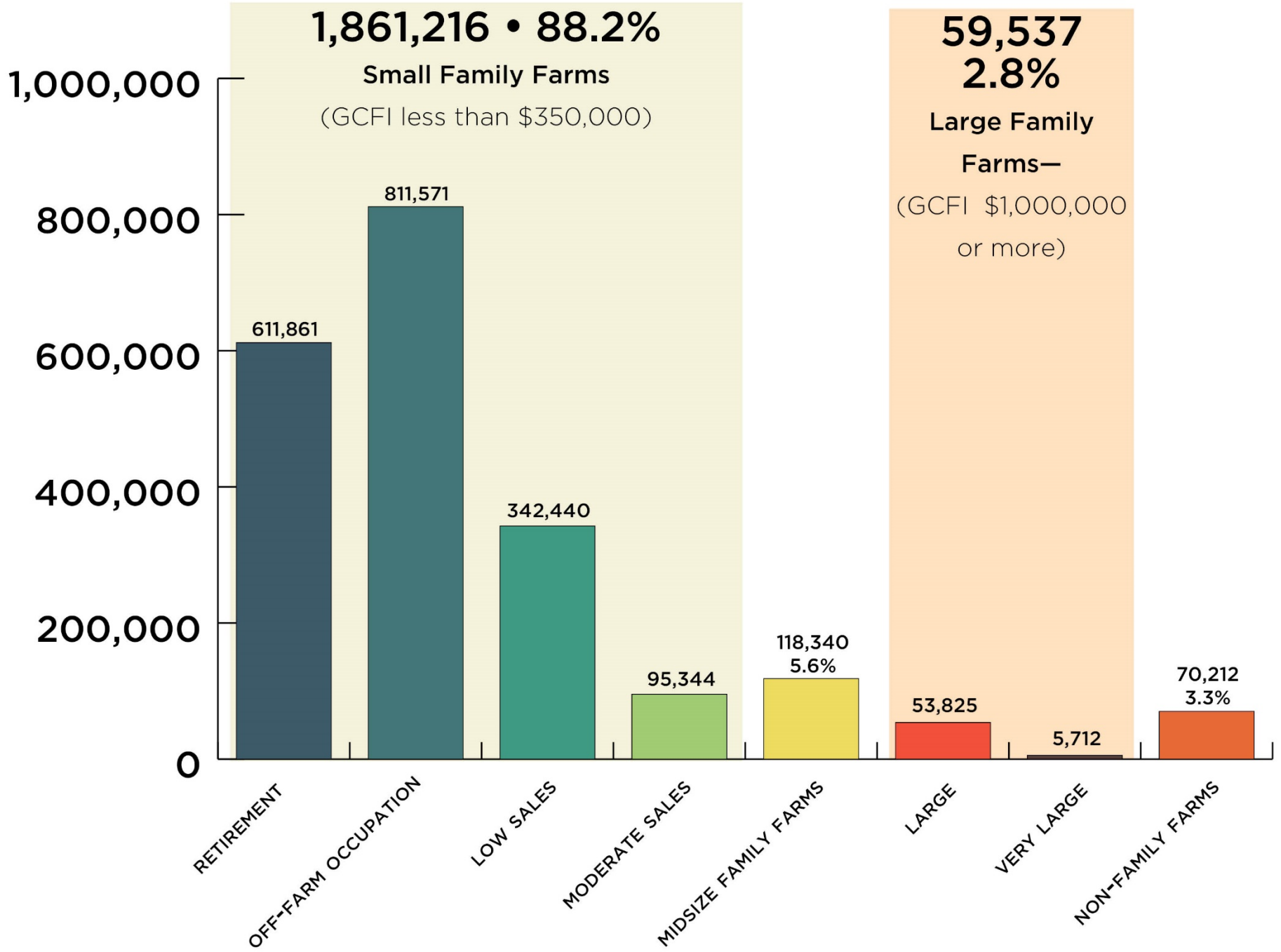
33.6%

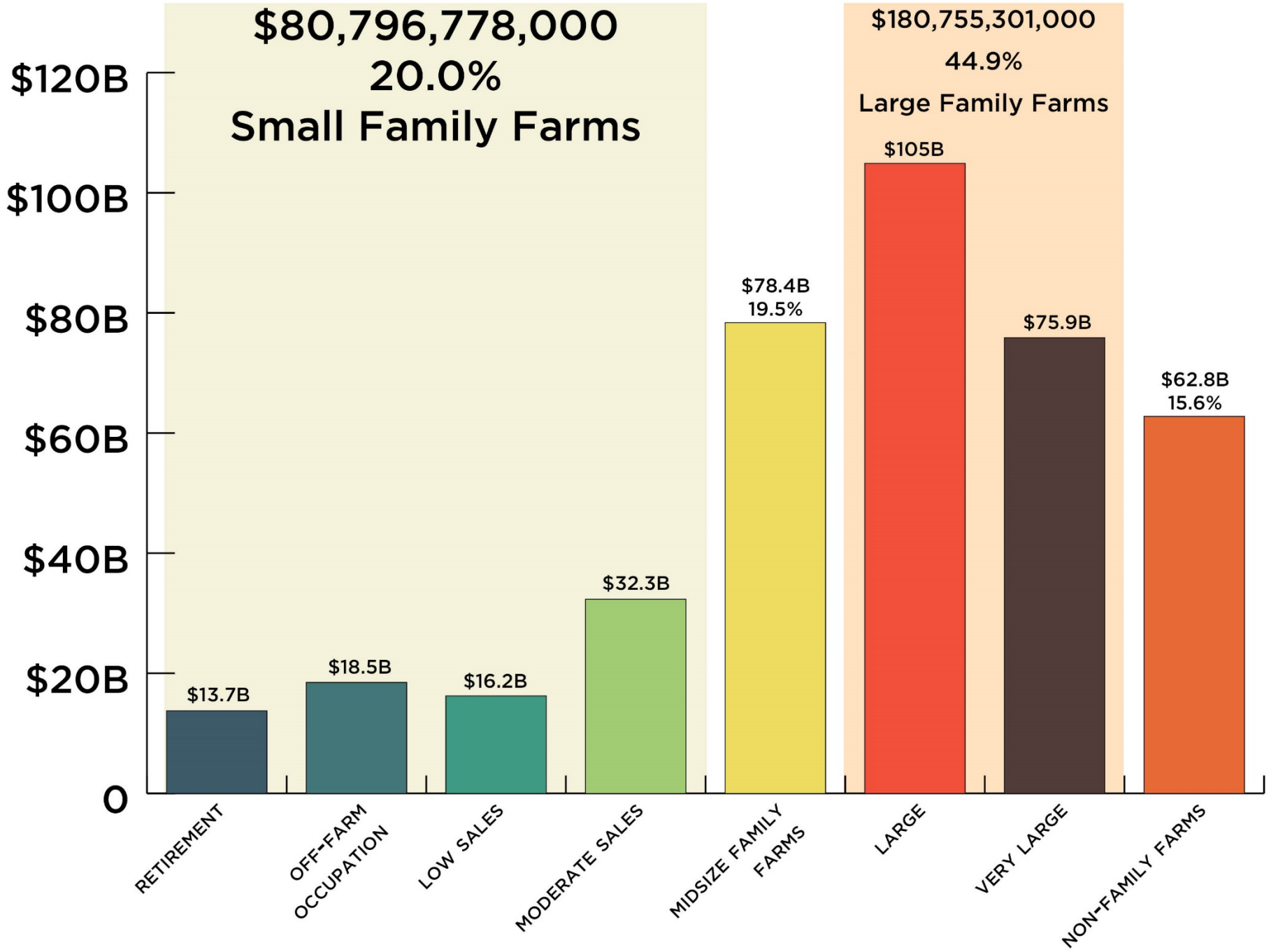


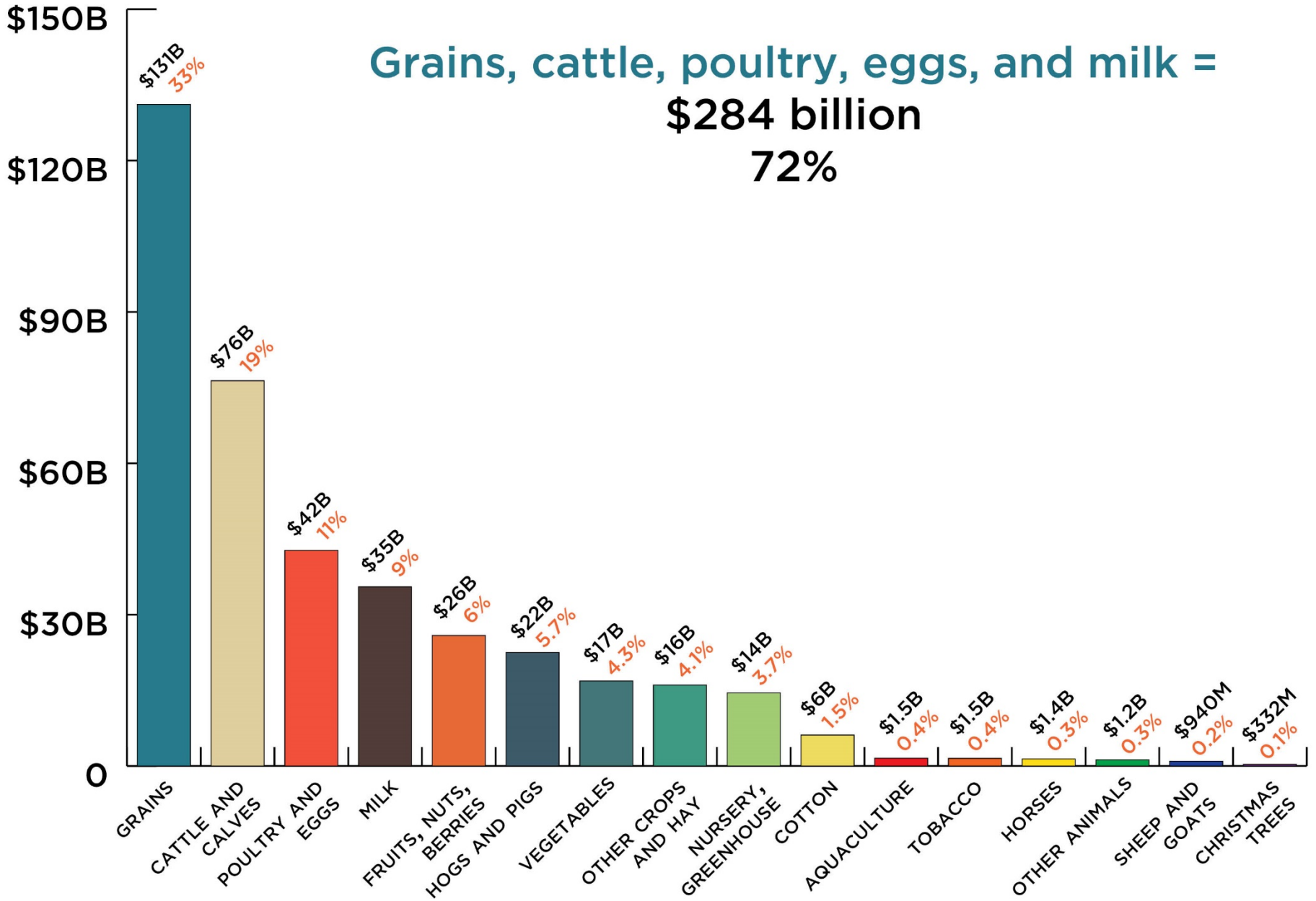
2012 Census of Agriculture

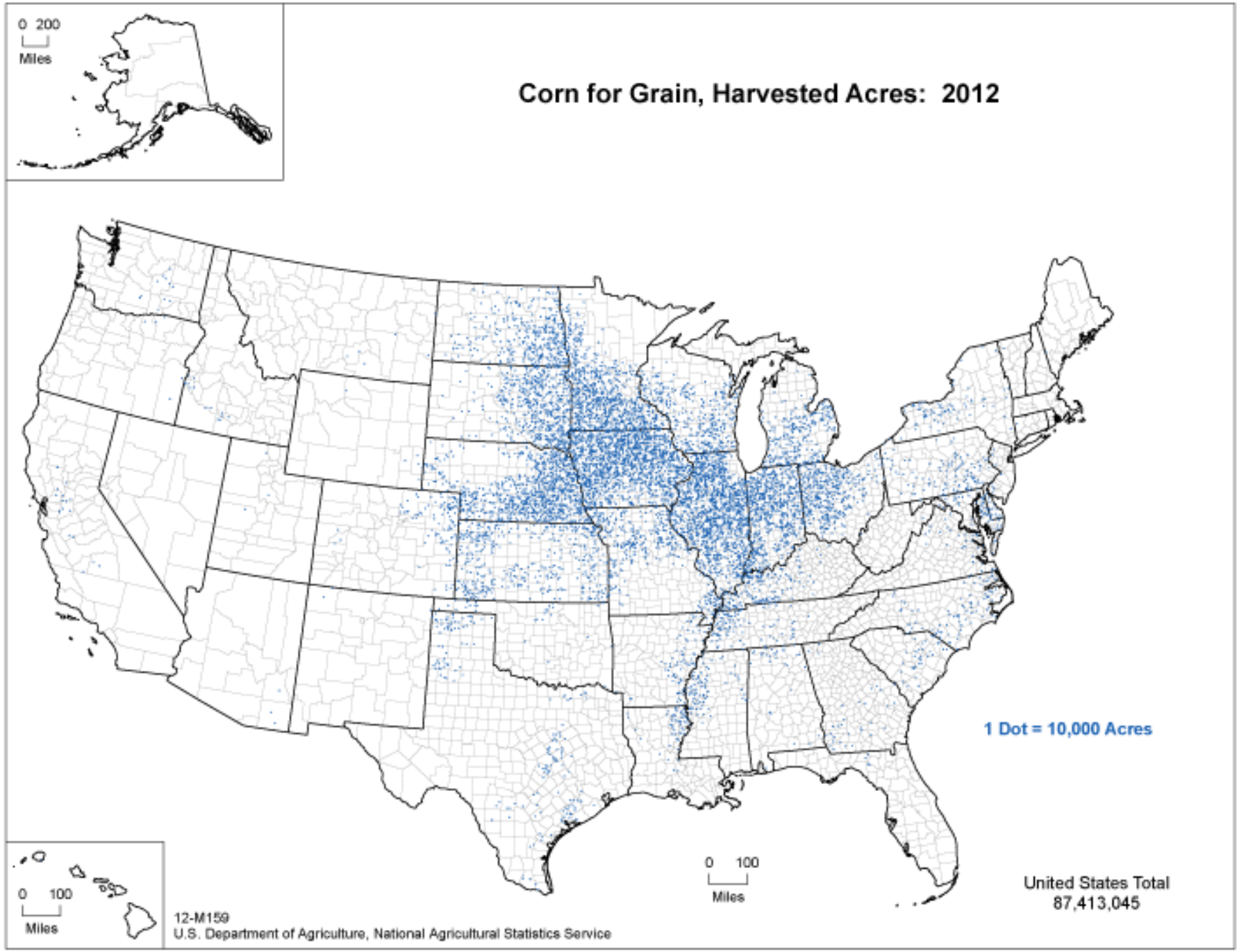
254,875

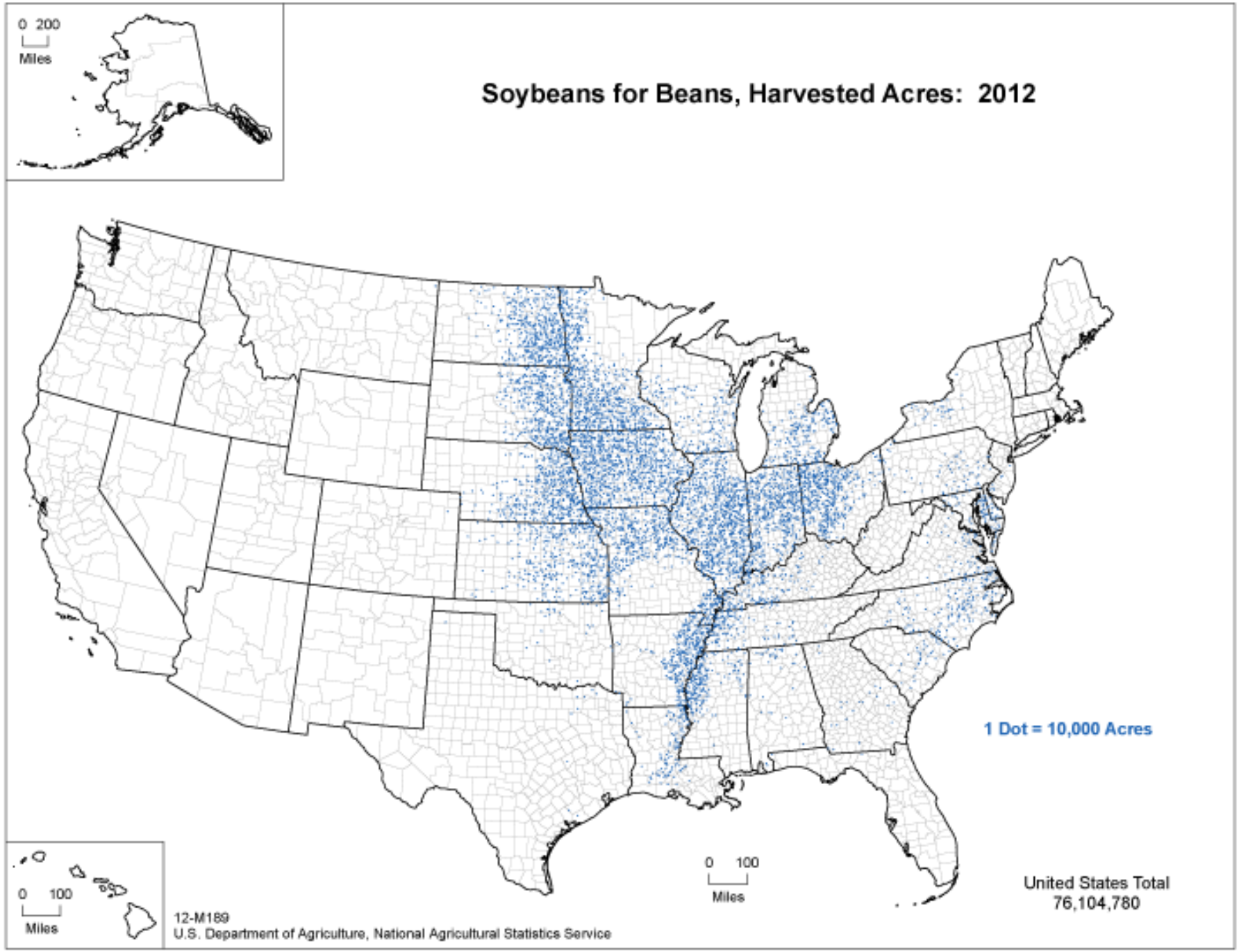
12.1%

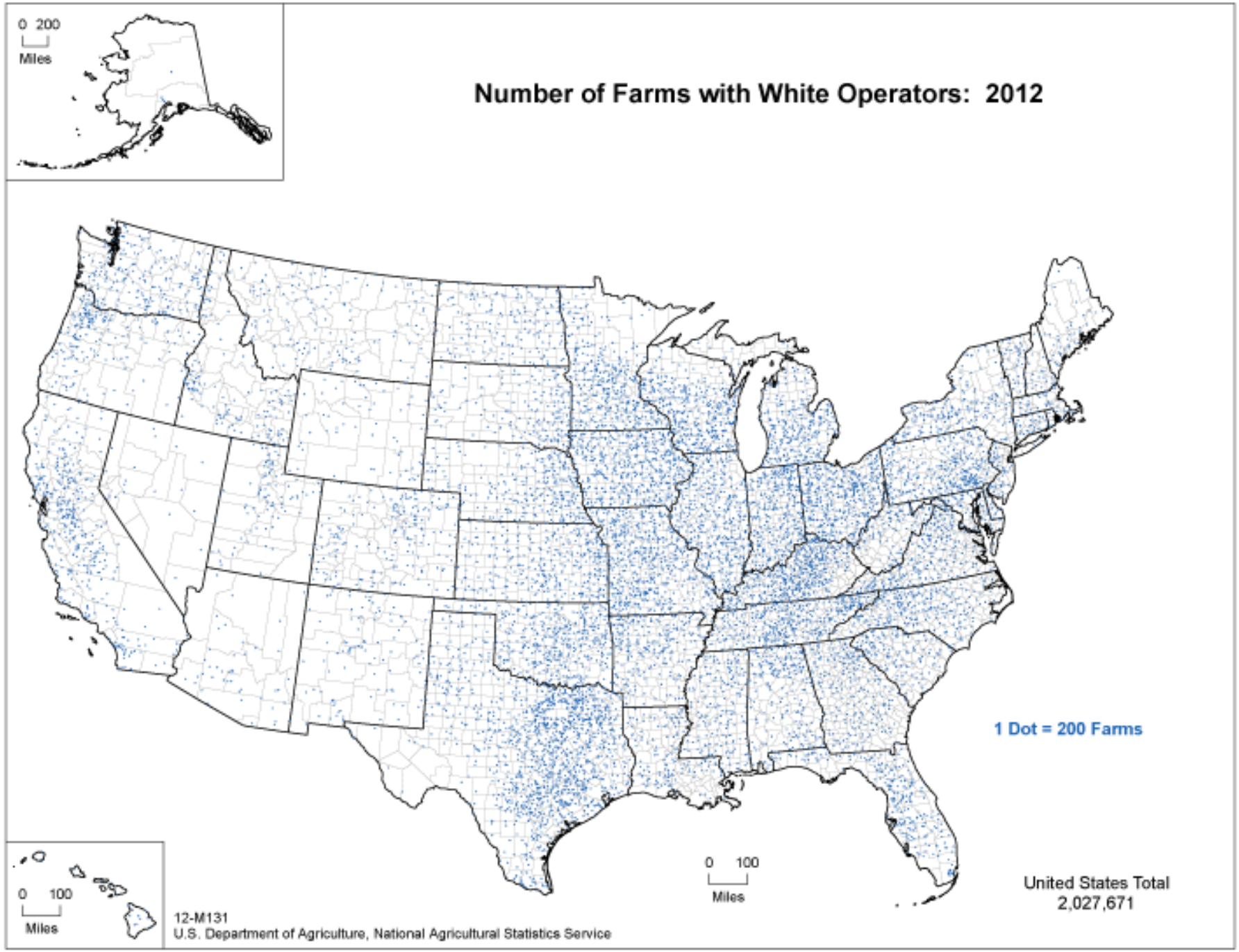

1,861,216 • 88.2%
Small Family Farms
(GCFI less than $350,000)
59,537
2.8%
Large Family Farms—
(GCFI $1,000,000 or more)
1,000,000
800,000
600,000
400,000
200,000
0
611,861
811,571
342,440
95,344
118,340
5.6%
53,825
5,712
70,212
3.3%
RETIREMENT
OFF-FARM OCCUPATION
LOW SALES
MODERATE SALES
MIDSIZE FAMILY FARMS
LARGE
VERY LARGE
NON-FAMILY FARMS

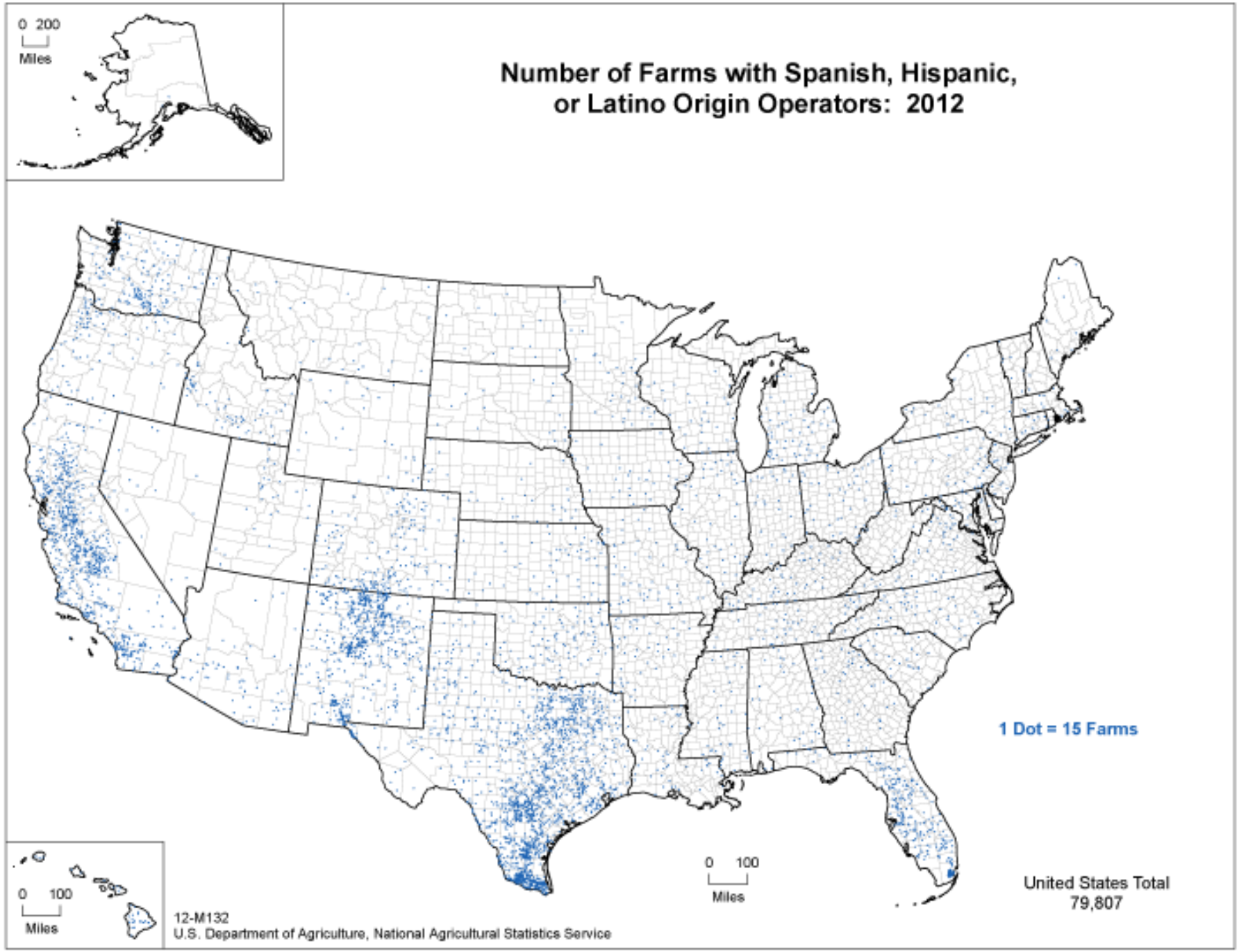

$80,796,778,000
20.0%
Small Family Farms
$180,755,301,000
44.9%
Large Family Farms
$120B
$100B
$80B
$60B
$40B
$20B
0
$13.7B
$18.5B
$16.2B
$32.3B
$78.4B
19.5%
$105B
$75.9B
$62.8B
15.6%
RETIREMENT
OFF-FARM OCCUPATION
LOW SALES
MODERATE SALES
MIDSIZE FAMILY FARMS
LARGE
VERY LARGE
NON-FAMILY FARMS


Grains, cattle, poultry, eggs, and milk =
$284 billion
72%
$150B
$120B
$90B
$60B
$30B
0
$131B 33%
$76B 19%
$42B 11%
$35B 9%
$26B 6%
$22B 5.7%
$17B 4.3%
$16B 4.1%
$14B 3.7%
$6B 1.5%
$1.5B 0.4%
$1.5B 0.4%
$1.4B 0.3%
$1.2B 0.3%
$940M 0.2%
$332M 0.1%
GRAINS
CATTLE AND CALVES
POULTRY AND EGGS
MILK
FRUITS, NUTS, BERRIES
HOGS AND PIGS
VEGETABLES
OTHER CROPS AND HAY
NURSERY, GREENHOUSE
COTTON
AQUACULTURE
TOBACCO
HORSES
OTHER ANIMALS
SHEEP AND GOATS
CHRISTMAS TREES


0 200
Miles
Corn for Grain, Harvested Acres: 2012
1 Dot = 10,000 Acres
0 100
Miles
United States Total
87,413,045
0 100
Miles
12-M159
U.S. Department of Agriculture, National Agricultural Statistics Service
2012 Census of Agriculture

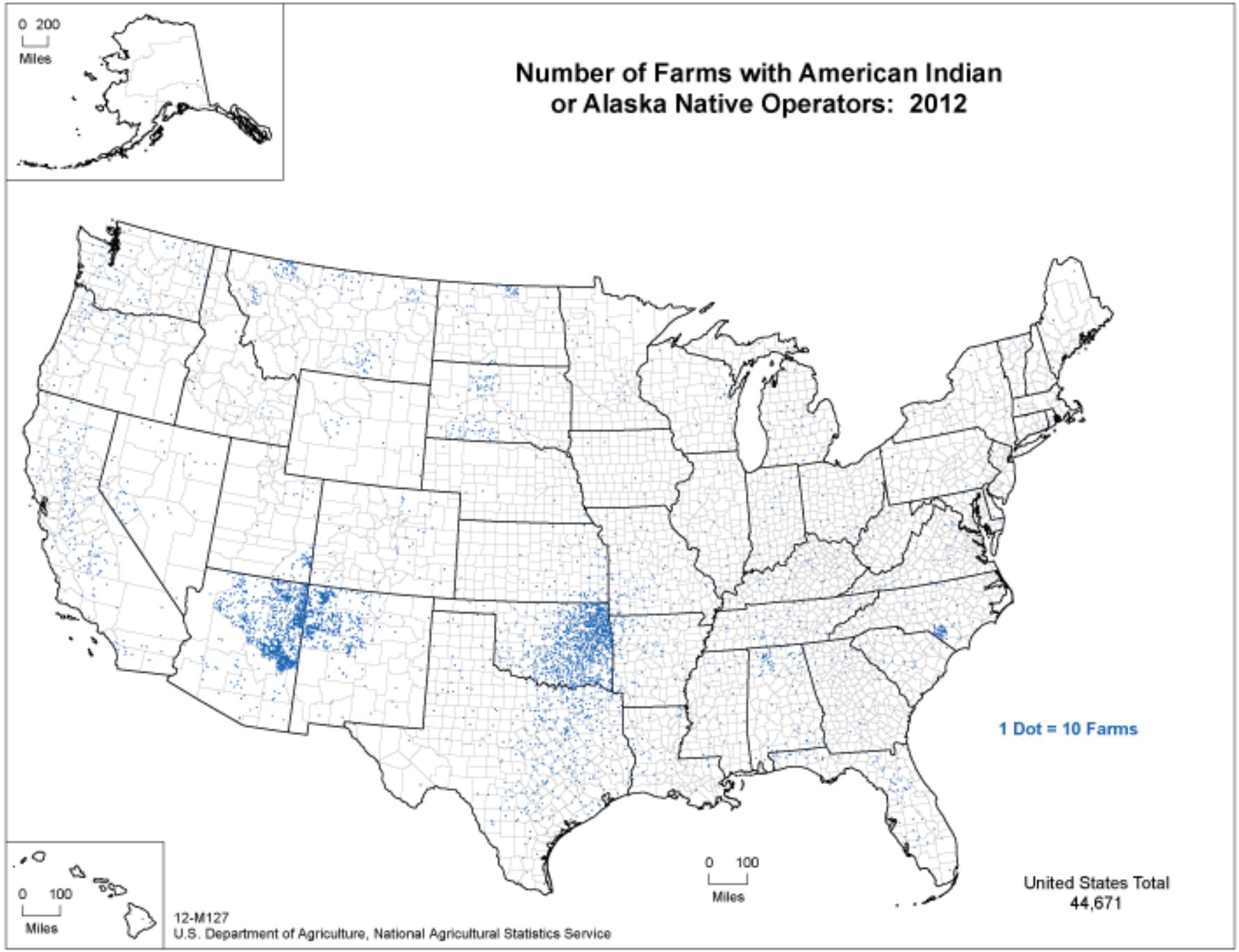

Soybeans for Beans, Harvested Acres: 2012
0 200
Miles
1 Dot = 10,000 Acres
0 100
Miles
0 100
Miles
United States Total
76,104,780
12-M189
U.S. Department of Agriculture, National Agricultural Statistics Service
2012 Census of Agriculture


0 200
Miles
Number of Farms with White Operators: 2012
1 Dot = 200 Farms
0 100
Miles
United States Total
2,027,671
0 100
Miles
12-M131
U.S. Department of Agriculture, National Agricultural Statistics Service
2012 Census of Agriculture



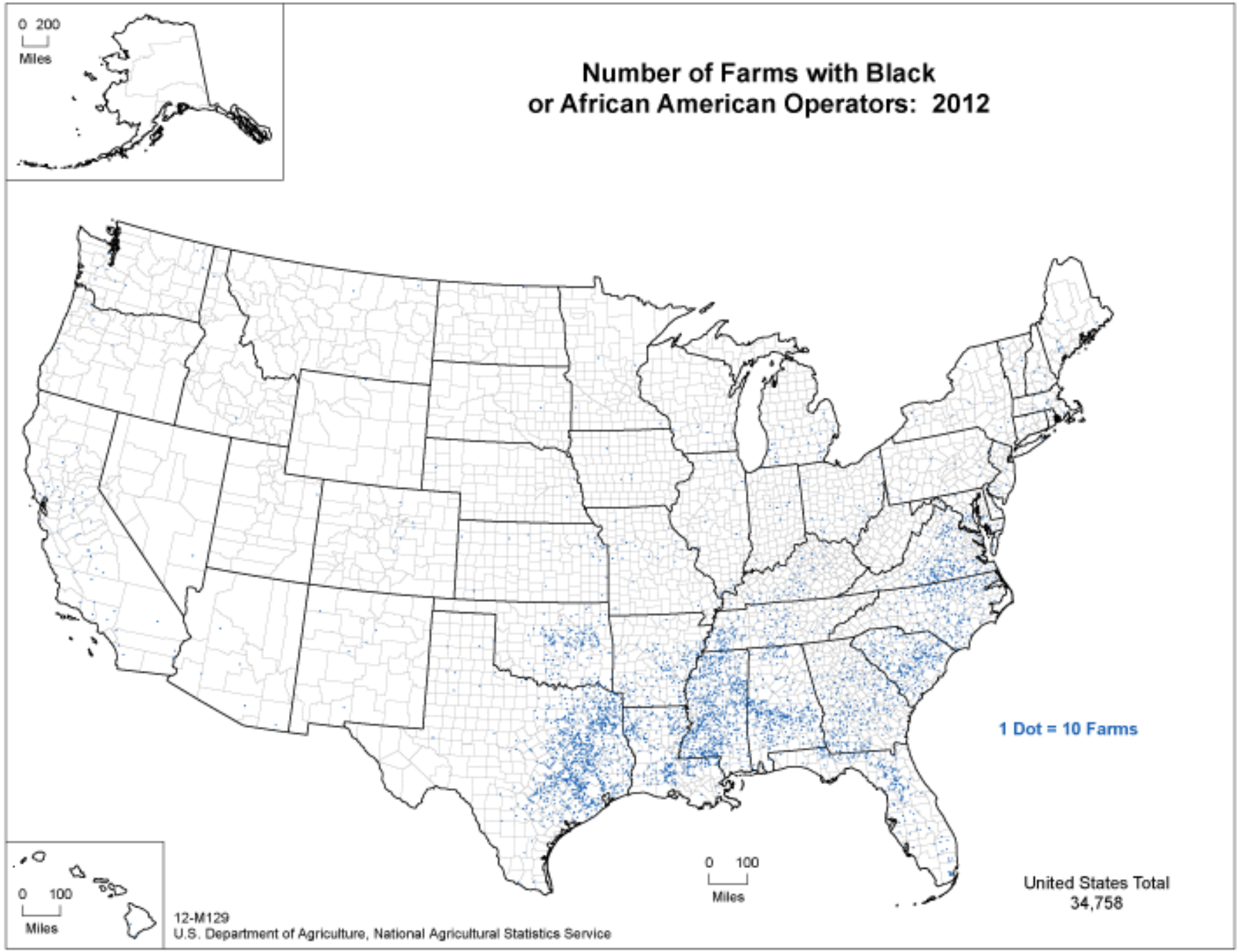
2012 Census of Agriculture

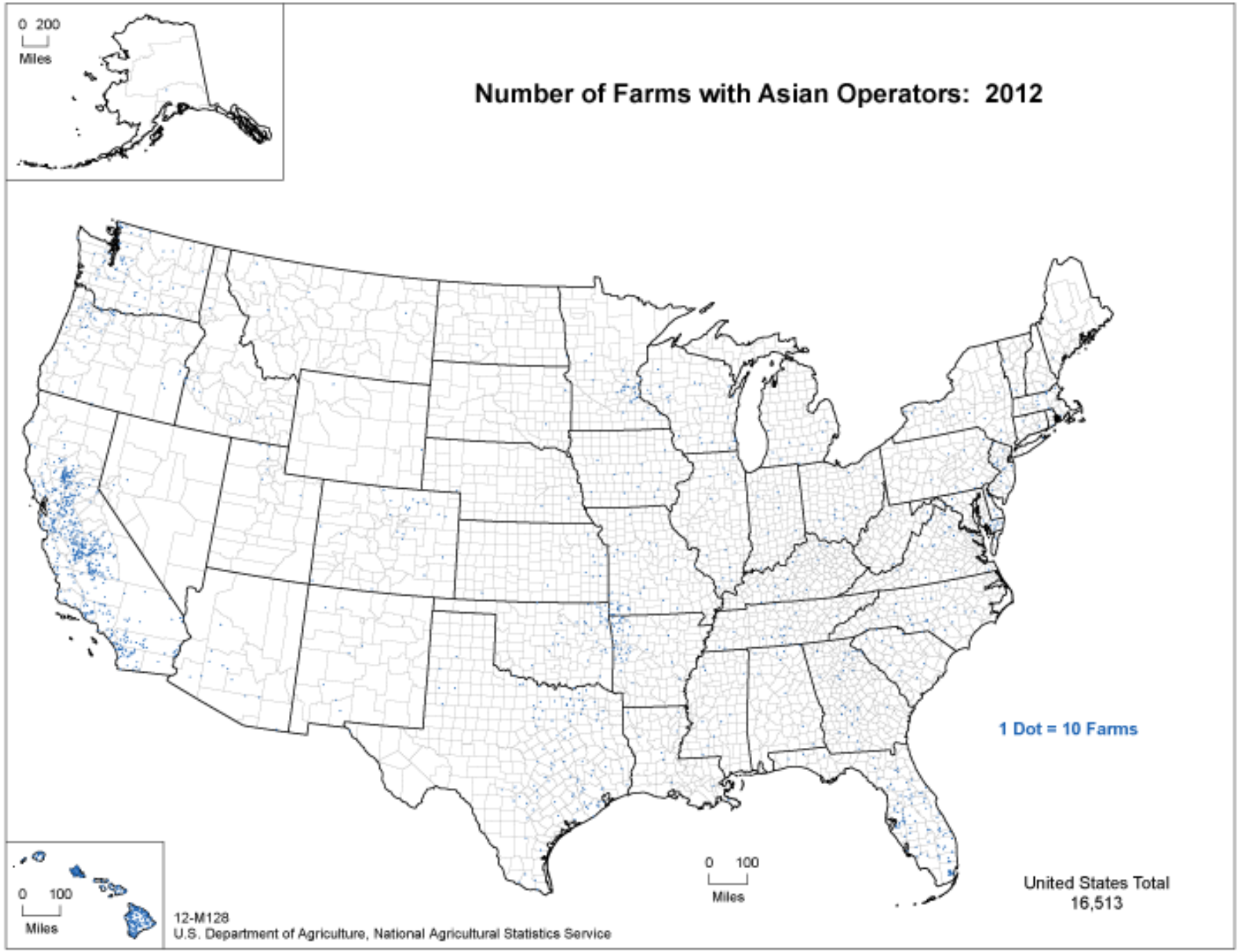
Number of Farms with American Indian or Alaska Native Operators: 2012

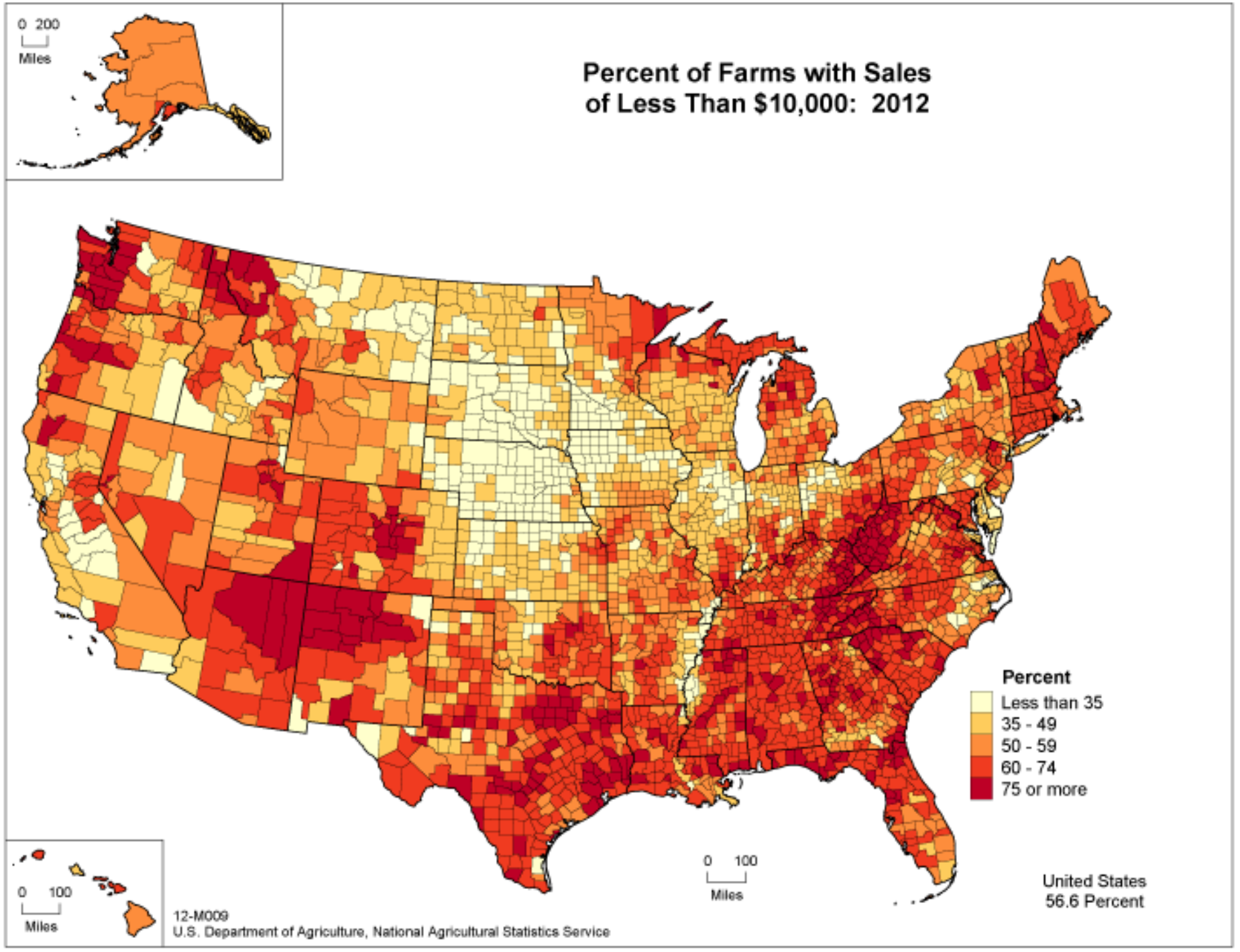


12-M127
U.S. Department of Agriculture, National Agricultural Statistics Service

2012 Census of Agriculture


Number of Farms with Black
or African American Operators: 2012
0 200
Miles
1 Dot = 10 Farms
0 100
Miles
United States Total
34,758
0 100
Miles
12-M129
U.S. Department of Agriculture, National Agricultural Statistics Service
2012 Census of Agriculture

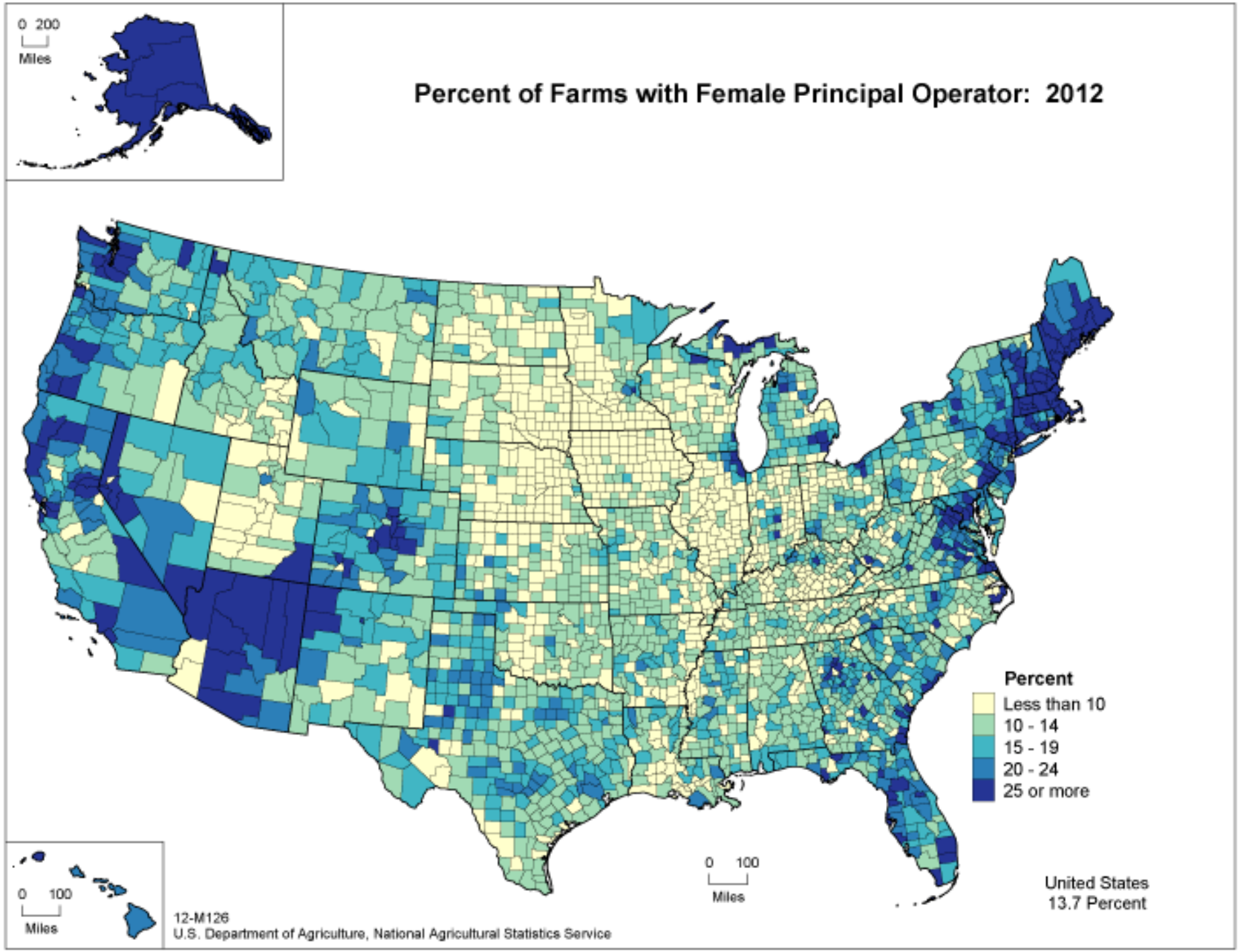

0 200
Miles
Number of Farms with Asian Operators: 2012
1 Dot = 10 Farms
0 100
Miles
United States Total
16,513
0 100
Miles
12-M128
U.S. Department of Agriculture, National Agricultural Statistics Service
2012 Census of Agriculture



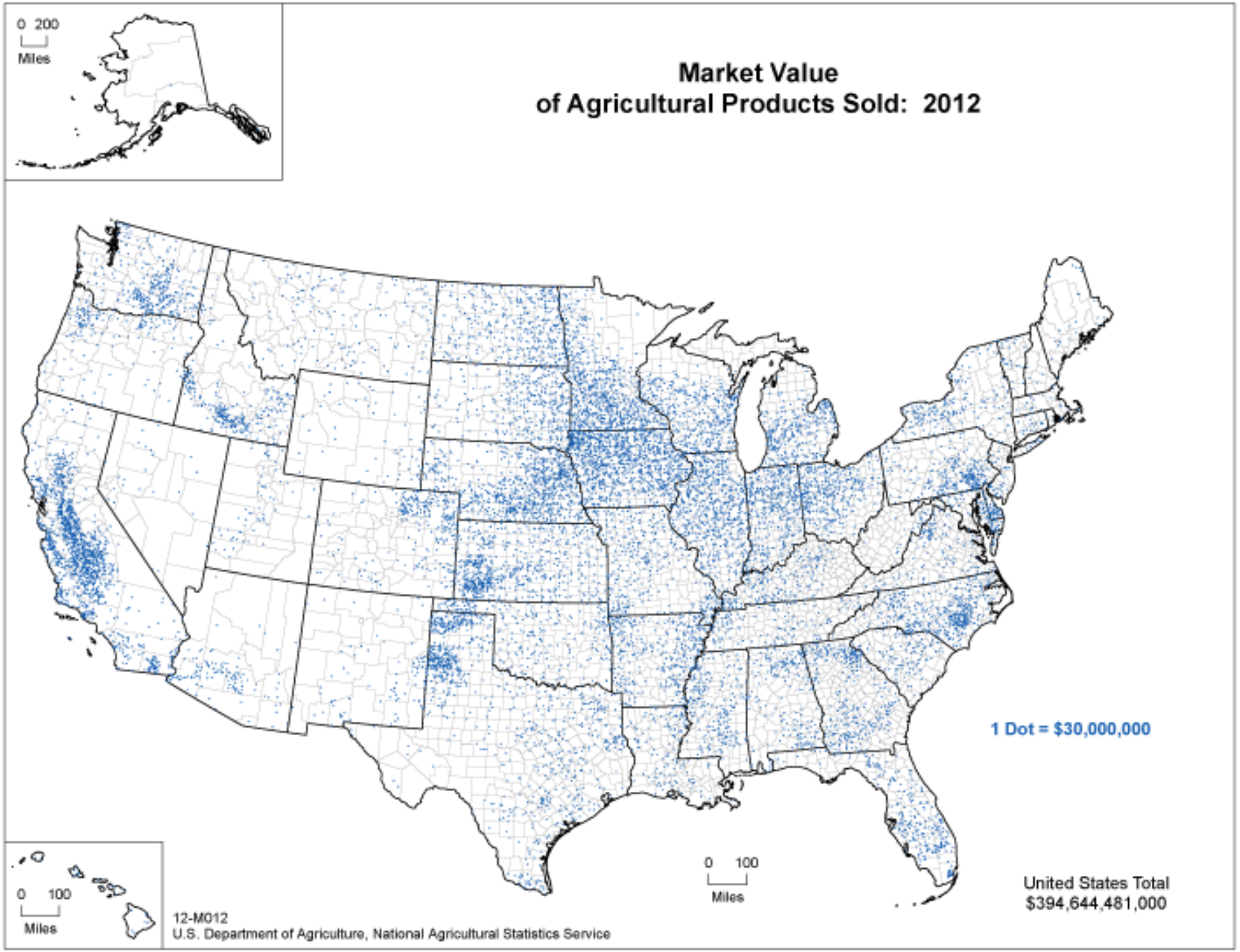
2012 Census of Agriculture

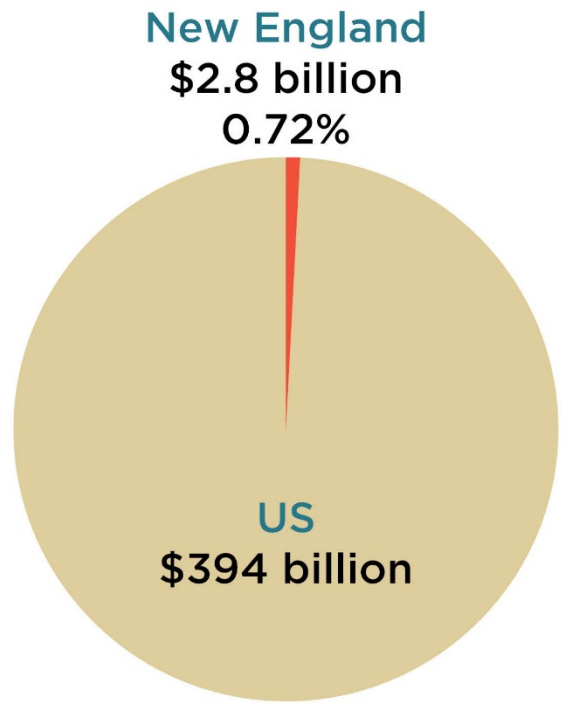
1,145,315

54.3%

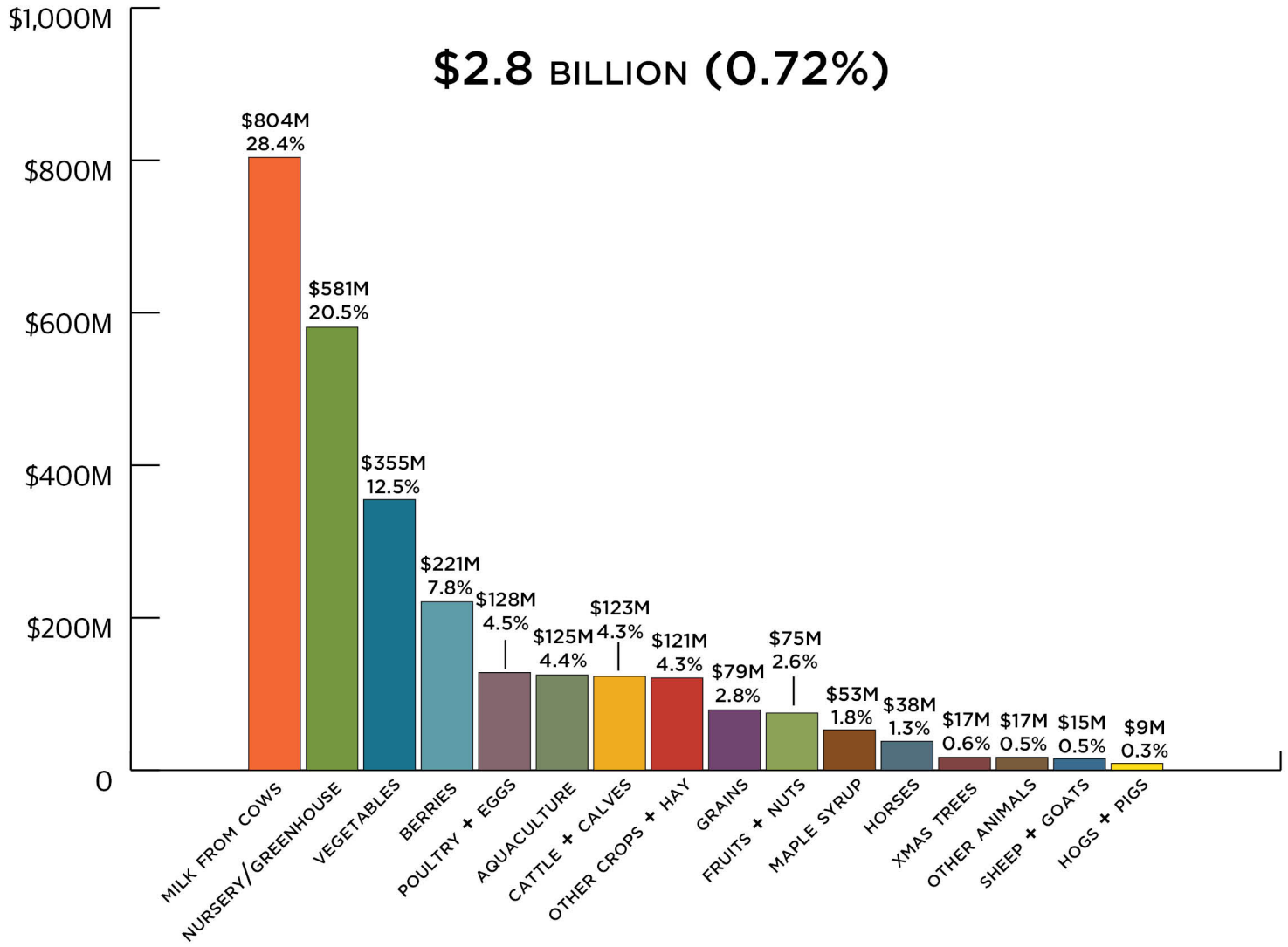


2012 Census of Agriculture

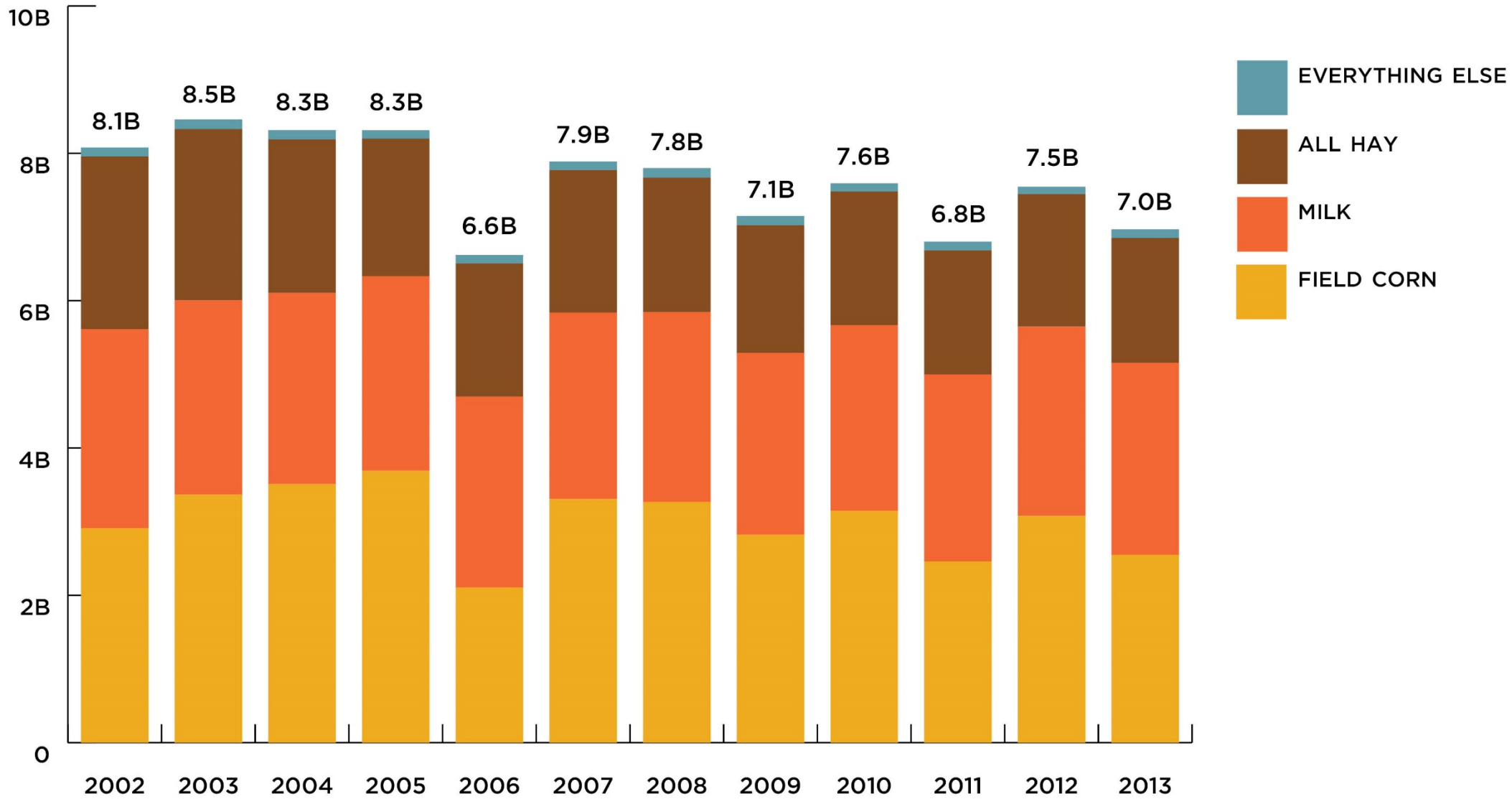

0 200
Miles
Market Value
of Agricultural Products Sold: 2012
1 Dot = $30,000,000
0 100
Miles
United States Total
$394,644,481,000
0 100
Miles
12-M012
U.S. Department of Agriculture, National Agricultural Statistics Service
2012 Census of Agriculture


New England
$2.8 billion
0.72%
US
$394 billion

Sales from milk, nurseries/greenhouses/floriculture, and vegetables accounted for 61.5% ($1.7 billion) of the market value of New England agricultural products—which underlines the extraordinary impact of milk production in Vermont, flowers/bedding/garden plants in Connecticut, and potatoes in Maine.



Vermont Food Production (Billion Pounds)



FOOD SYSTEM JOBS + WAGES

Go to:

Wages

- Vermont - Select Food System Wages (May 2014)
- Connecticut - Select Food System Wages (May 2014)
- Maine - Select Food System Wages (May 2014)
- Massachusetts - Select Food System Wages (May 2014)
- New Hampshire - Select Food System Wages (May 2014)
- Rhode Island - Select Food System Wages (May 2014)
- Northeast Hired Farm Labor Wages Compared to Vermont's Livable Wages (2003-2014)

Female Farmers

- Farms with Female Operators as a Percentage of Total Farms (2012)
- Female Operators as a Percentage of Total Farm Operators (2012)
- Female Principal Farm Operators as a Percentage of Total Principal Farm Operators (2012)

FOOD EXPENDITURES

Go to:

Food Expenditures

- U.S. Food Expenditures as Percentage of Total Expenditures by Race (2003-2013)
- U.S. Food Expenditures by Race (2003-2013)
- U.S. Food Expenditures for Home Consumption by Race (2003-2013)
- U.S. Food Expenditures as Percentage of Total Expenditures by Hispanic Origin (2003-2013)
- U.S. Food Expenditures by Hispanic Origin (2003-2013)
- U.S. Food Expenditures for Home Consumption by Hispanic Origin (2003-2013)
- U.S. Food Expenditures as Percentage of Total Expenditures by Income (2003-2013)
- U.S. Food Expenditures by Income (2003-2013)
- U.S. Food Expenditures for Home Consumption by Income (2003-2013)
- U.S. Food Expenditures as Percentage of Total Expenditures by Region (2003-2013)
- U.S. Food Expenditures by Region (2003-2013)
- U.S. Food Expenditures for Home Consumption by Region (2003-2013)

FOOD SECURITY

Go to:

Food Insecurity

- Very Low Household Food Security in the United States (2011-2013 Average)
- Food Insecurity in New England (1999-2013, 3-year Averages)
- U.S. Food Insecurity by Race and Female Head of Household (2003-2013)

OBESITY

Go to:

Weight

- Weight Trends for New England States, U.S. Average, and Louisiana (1995-2010)
- Weight Trends for New England States (1995-2010)
- Weight Trends for New England States (2011-2013)
- U.S. Weight Trends by Race, Gender, Education, and Income (2011-2013)
- Vermont Weight Trends by Race, Gender, Education, and Income (2011-2013)
- Connecticut Weight Trends by Race, Gender, Education, and Income (2011-2013)
- Maine Weight Trends by Race, Gender, Education, and Income (2011-2013)
- Massachusetts Weight Trends by Race, Gender, Education, and Income (2011-2013)
- New Hampshire Weight Trends by Race, Gender, Education, and Income (2011-2013)
- Rhode Island Weight Trends by Race, Gender, Education, and Income (2011-2013)

COLLECTIVE IMPACT

TO...

CHANGE THE RULES

CHANGE THE RESOURCES

Helpful Data Sources

- USDA Census of Agriculture
- USDA NASS
- USDA Economic Research Service
- Economic Census
- Annual Survey of Manufactures
- Bureau of Labor Statistics
- Consumer Expenditure Survey
- Nonemployer Statistics
- Occupational Employment Statistics
- Centers for Disease Control and Prevention
- National Land Cover Database
- Energy Information Administration

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