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Oklahoma Agriculture

FOR

Oklahoma agriculture affects each of us every day, young and old, whether we live in largely rural regions or the state's most populated urban locales. It feeds us. It clothes us. It enhances and helps



maintain the economic well-being of our communities and the counties in which they are located. Oklahoma State University's Division of Agricultural Sciences and Natural Resources promotes sustainable land use and embraces the land-grant mission to provide science-based solutions to issues faced by our state's many and varied agricultural enterprises. In so doing, we help improve the quality of life for not just a few but for all of us.



Robert E. Whitson
Vice President, Dean and Director
Division of Agricultural Sciences and Natural Resources
Oklahoma State University

Oklahoma Agriculture 2011



AGRICULTURAL COMMUNICATIONS SERVICES
OKLAHOMA STATE UNIVERSITY

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FOR ADDITIONAL INFORMATION ON THE CONTRIBUTION OF AGRICULTURE TO OKLAHOMA'S ECONOMY, OR TO LEARN ABOUT THE METHODOLOGY USED TO CALCULATE THE CONTRIBUTIONS PRESENTED HERE, SEE THE FOLLOWING:

Dave Shideler, Mike D. Woods, Eyosiyas Tegegne and Samarth Shah. "Contribution of Agriculture to Oklahoma's Economy: 2008." Oklahoma Agricultural Experiment Station Research Report P-1028. Accessible via the Internet at <http://osufacts.okstate.edu>, and search by P-1028.

Data Sources:

Unless otherwise noted, the commodity data contained in this report came from USDA National Agricultural Statistics Service, as accessed via the Quick Stats 1.0 Web interface (http://www.nass.usda.gov/Data_and_Statistics/Quick_Stats_1.0/index.asp). The data mapped reflects the number of acres planted for crops, or the number of animals for livestock, reported in the 2007 Census of Agriculture. Notable exceptions include estimations of district level hog inventories, due to nondisclosure of data, and forestry, which is not reported by NASS. Forestry map data represents total tree count for 2008 reported in the Forestry Inventory Data Online, which is provided by the US Forest Service (<http://fiatools.fs.fed.us/fido/index.html>). Additional forestry data provided by American Forest and Paper Association's "Forest & Paper Industry At A Glance: Oklahoma" brochure.

Farm Operations

- **86,600 farms; 4th in the nation**

- **Average age of farm operators: 58**

- **Gender of Operator**
Male: 87.5% Female: 12.5%

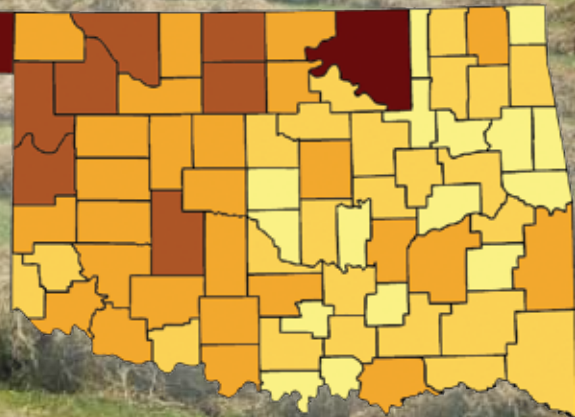
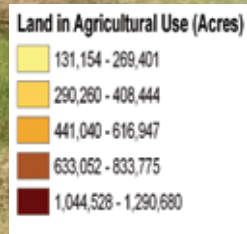
- **Farm Organization**
Family Farms: 89.4%
Nonfamily Partnerships: 6.8%
Nonfamily Corporations: 2.0%
Other Organizations: 1.7%

- **Percent of farms for which operator's primary occupation is farming: 42%**

- **Ethnicity of Operators**
Caucasian: 87.4%
Native American: 8.5%
Other (includes multi-race responses): 3%
African-American: 1.1%

Land in Agricultural Use

- **35,100,000 acres; 9th in the nation**
- **Average farm size: 405 acres**
- **80% of state's land area used for agriculture**



Greenhouse/Horticulture

- Includes nurseries, sod, mushrooms, etc.
- **\$176 million in cash receipts, 2004-2008 average**

Additional Commodities

Aquaculture

- **56 operations with sales, 2007**
- **\$5.3 million in cash receipts, 2004-2008 average**

Pecans

- **8 million pounds produced, 2008**
- **\$24 million in cash receipts, 2004-2008 average**
- **5th largest producing state in the nation, 2008**

Peaches

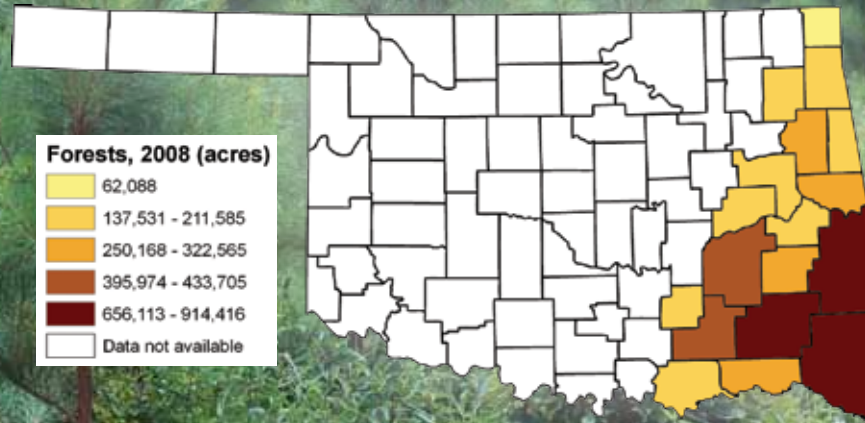
- **\$1.6 million in cash receipts, 2004-2008 average**

Watermelons

- **360,000 hundredweight produced, 2008**
- **\$5 million in cash receipts, 2004-2008 average**

- Forests cover 17.4% of Oklahoma's land area
- \$2.7 billion in value of products shipped

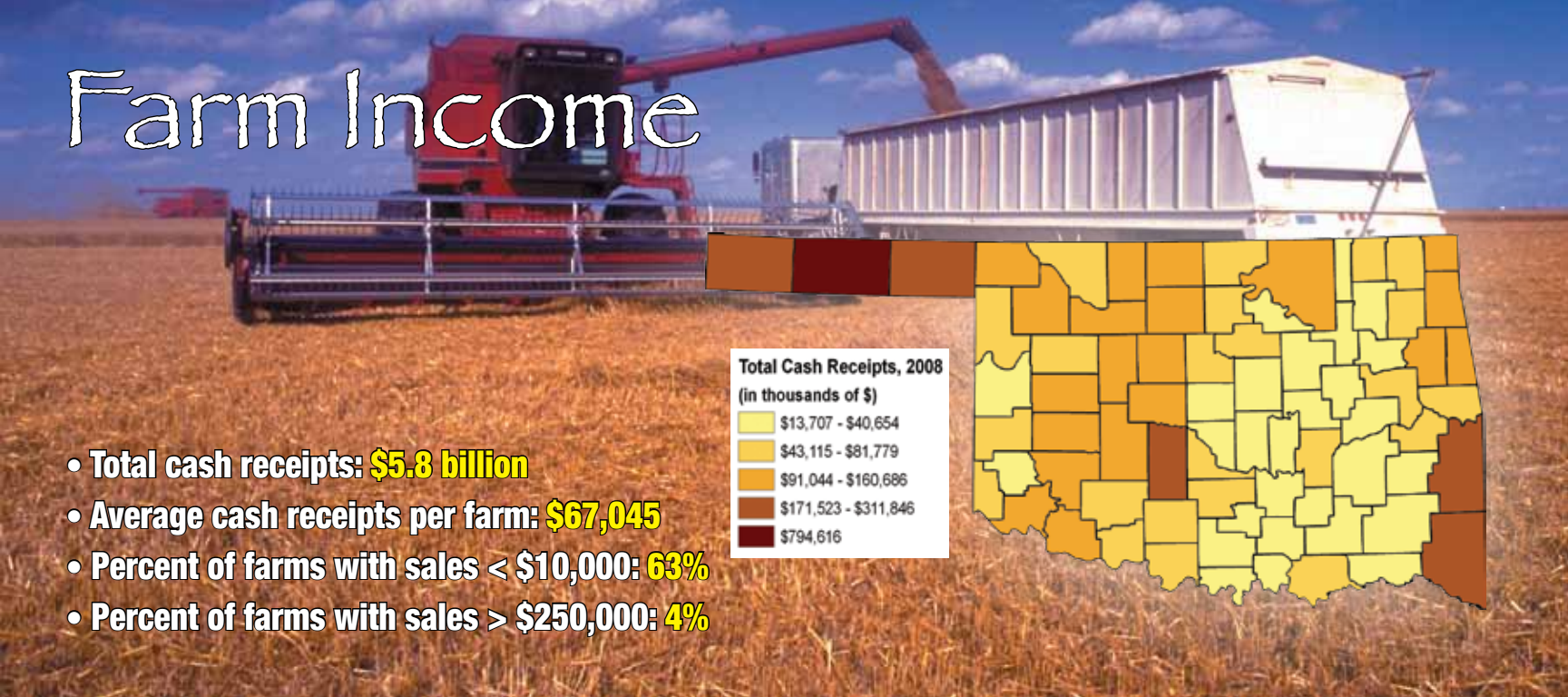
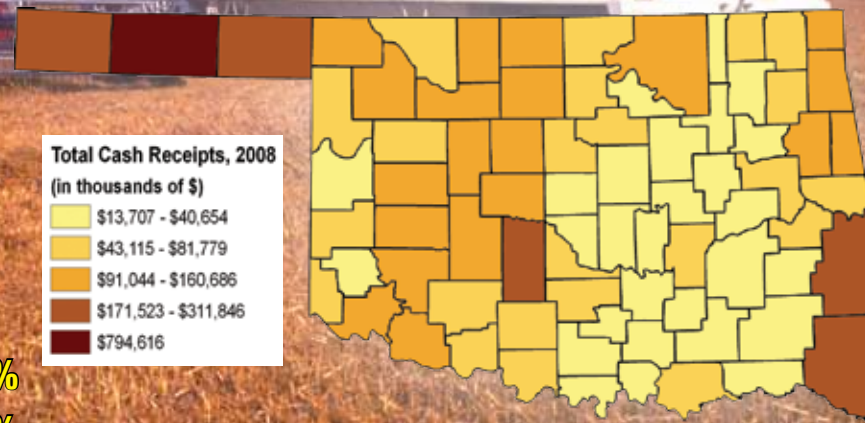
Forests



Data from the American Forest and Paper Association's "Forest & Paper Industry At A Glance: Oklahoma" brochure

Farm Income

- Total cash receipts: **\$5.8 billion**
- Average cash receipts per farm: **\$67,045**
- Percent of farms with sales < \$10,000: **63%**
- Percent of farms with sales > \$250,000: **4%**

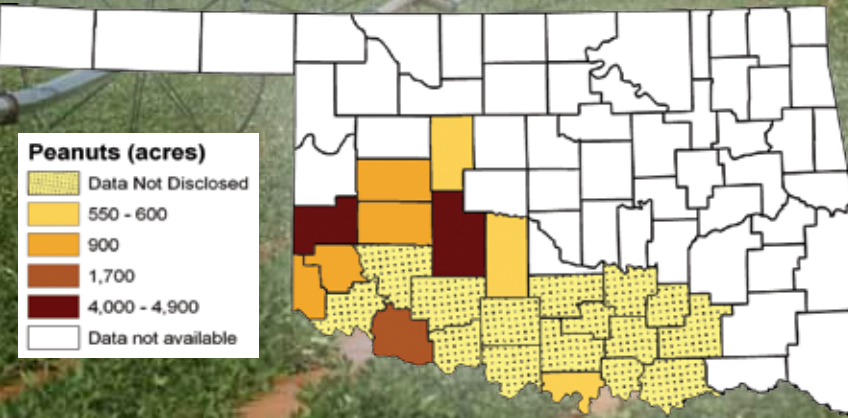


Ag's Role

- Farm proprietor income is **11.5%** of total proprietor income in nonmetropolitan Oklahoma counties.
- Farm earnings represent **2.8%** of total earnings in nonmetropolitan Oklahoma counties.
- Farm employment is **8.9%** of total employment in nonmetropolitan Oklahoma counties.

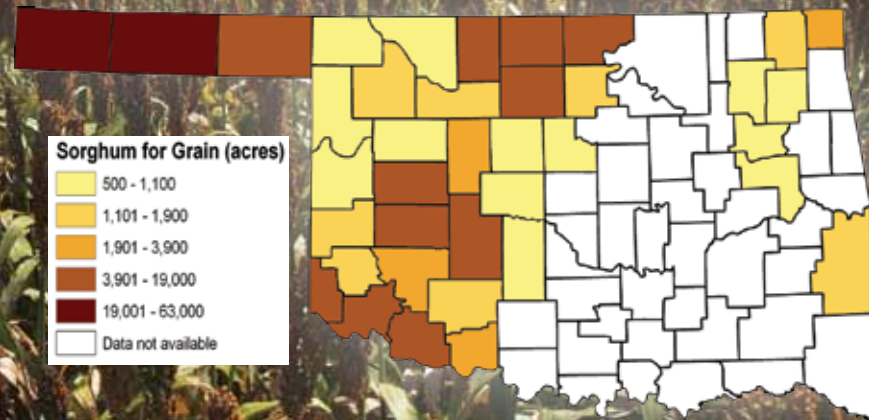
- 66.9 million pounds produced, **2005-2009 average**
- \$15.5 million in cash receipts, **2004-2008**
- 9th largest producing state in the nation, **2008**

Peanuts



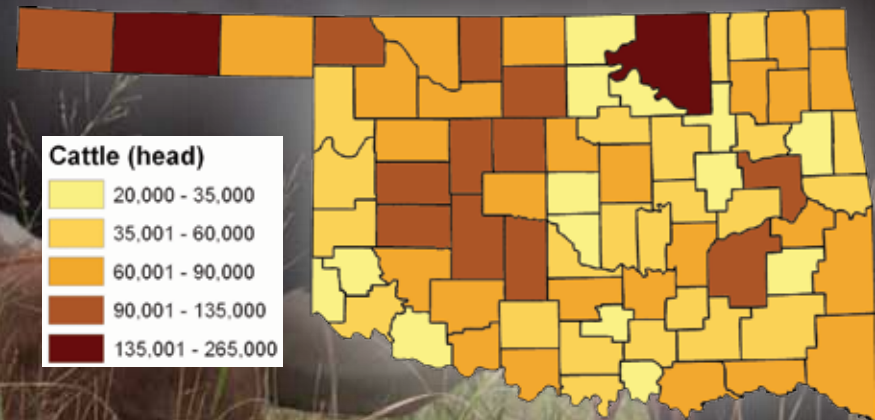
- 11.4 million bushels produced, **2005-2009 average**
- \$29.2 million in cash receipts, **2004-2008 average**
- 4th largest producing state in the nation, **2008**

Sorghum



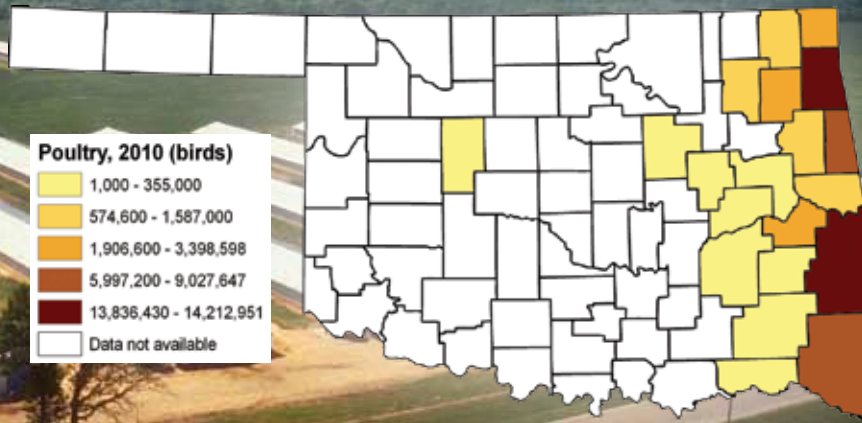
- 56,000 cattle operations, **5 year (2003-2007) average**
- \$2.54 billion in gross income, **5 year (2005-2009) average**
- 2,073,000 head of beef cows; 2nd largest producing state in the nation (**2010 NASS survey**)
- 5,450,000 head of cattle and calves; 4th largest producing state in the nation (**2010 NASS survey**)

Cattle



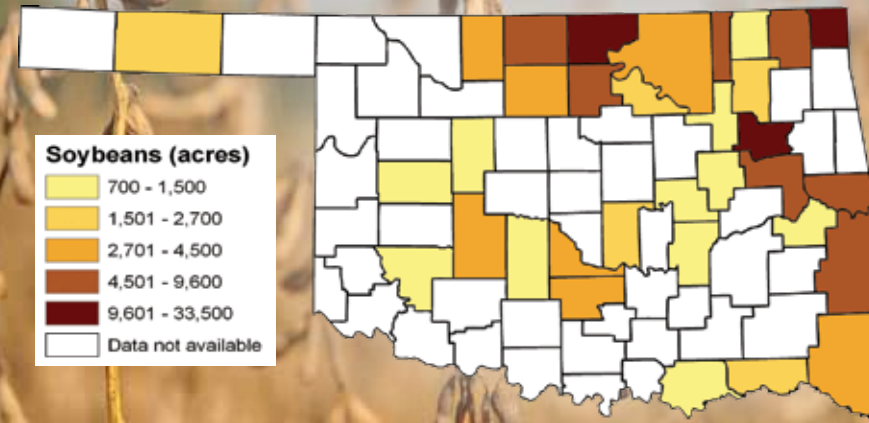
Poultry

- 1.3 billion pounds of broiler meat produced, **2008**
- 4.8 million chickens (excluding broilers) produced, **2008**
- 64.5 million dozen eggs produced, **2008**
- \$613 million in cash receipts (poultry and eggs), **2004-2008 average**



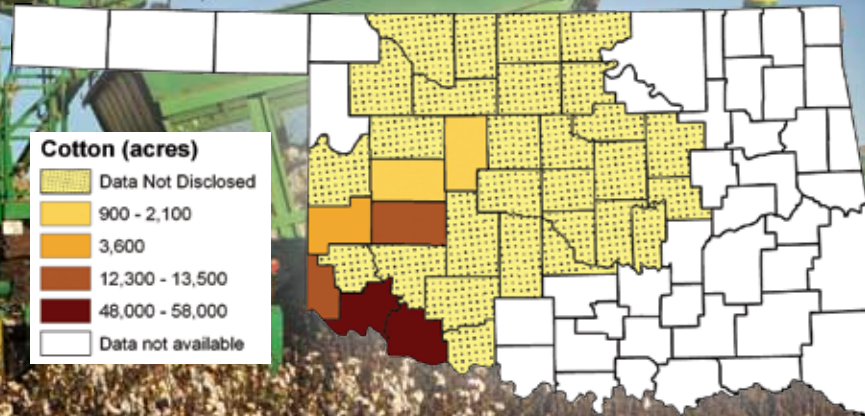
Soybeans

- 7.5 million bushels produced, **2005-2009 average**
- \$47 million in cash receipts, **2004-2008 average**



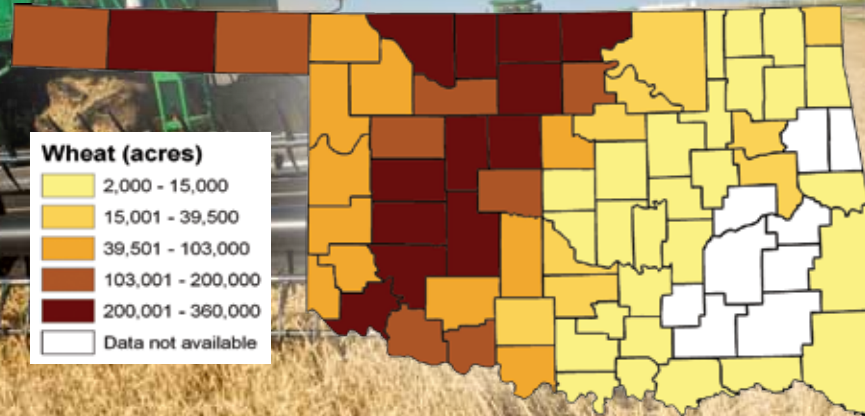
- 284,600 bales produced, **2005-2009 average**
- \$67 million in cash receipts, **2004-2008 average**

Cotton



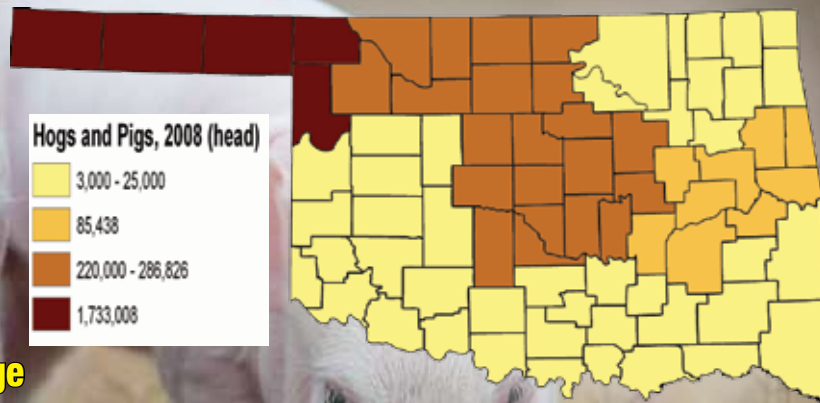
- 110.2 million bushels produced, **2005-2009 average**
- \$584 million in cash receipts, **2004-2008 average**
- 4th largest producing state in the nation, **2008**

Wheat



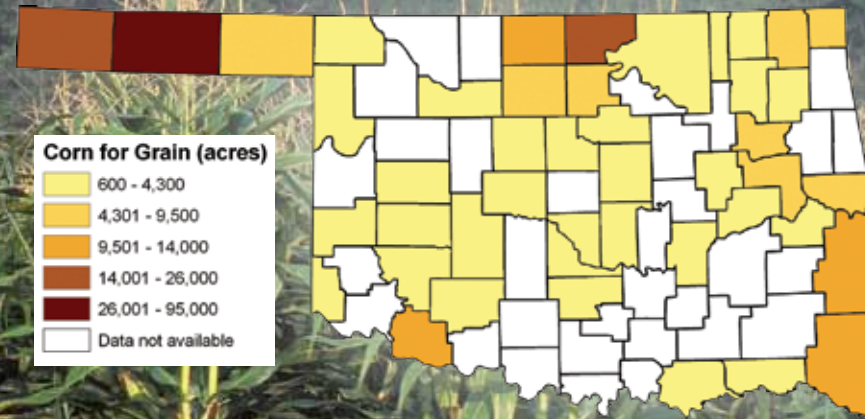
Hogs & Pigs

- 2,700 operations, **2007**
- 2.4 million head, **2004-2008 average**
- \$574 million in gross income, **2005-2009 average**
- 8th largest producing state in the nation, **2008**

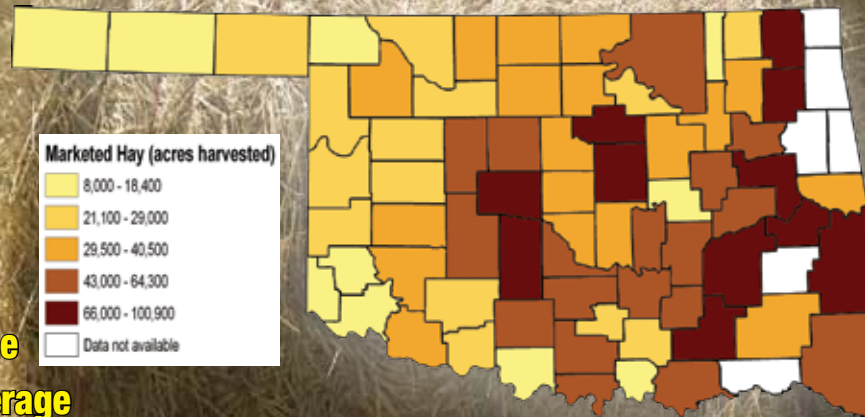


Corn

- 32.3 million bushels produced, **2005-2009 average**
- \$82.5 million in cash receipts, **2004-2008 average**

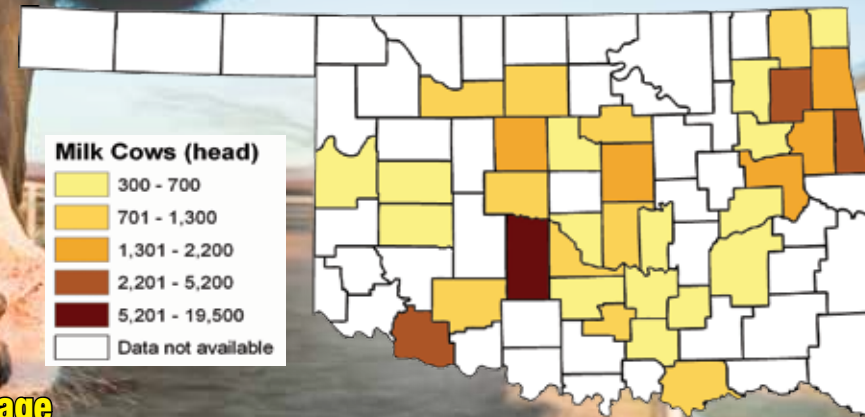


Hay



- 5.4 million tons marketed, **2004-2008 average**
- \$129 million in cash receipts, **2004-2008 average**
- 8th largest producing state in the nation, **2008**

Milk Cows



- 1,356 milk cow operations, **2003-2007 average**
- \$209 million in cash receipts for milk production, **2004-2008 average**

Contributions of Agriculture

Direct Contributions

Production Agriculture:

Crops	35,357 jobs & \$2.2 billion in output
Livestock	60,545 jobs & \$3.9 billion in output
Forestry	1,154 jobs & \$327 million in output

Agricultural Processing:

Crops	10,304 jobs & \$4.3 billion in output
Livestock	14,397 jobs & \$6.7 billion in output
Forestry	9,056 jobs & \$2.6 billion in output

Ag-related Services:

7,311 jobs & \$205 million in output

These generate demand for other products, leading to additional economic impacts.

Total Contributions

Total Employment:	188,294 jobs
Total Output:	\$28 billion
Total Value-added:	\$8.5 billion

Additional Contributions Not Enumerated:

- Conserve natural resources
- Enhance quality of life
- Provide safe and reliable food source
- Offer wholesome tourism and recreational activities