

The background of the slide is a stylized, colorful illustration of a farm scene. It features a red barn with a white roof, two white silos, and green fields with a wooden fence in the foreground. The sky is blue with white clouds. The entire scene is framed by a thick blue border.

The Economic Importance of Food and Fiber

A Spotlight on Greene County, Georgia

Prepared for:
Greene County Cooperative Extension
February, 2007

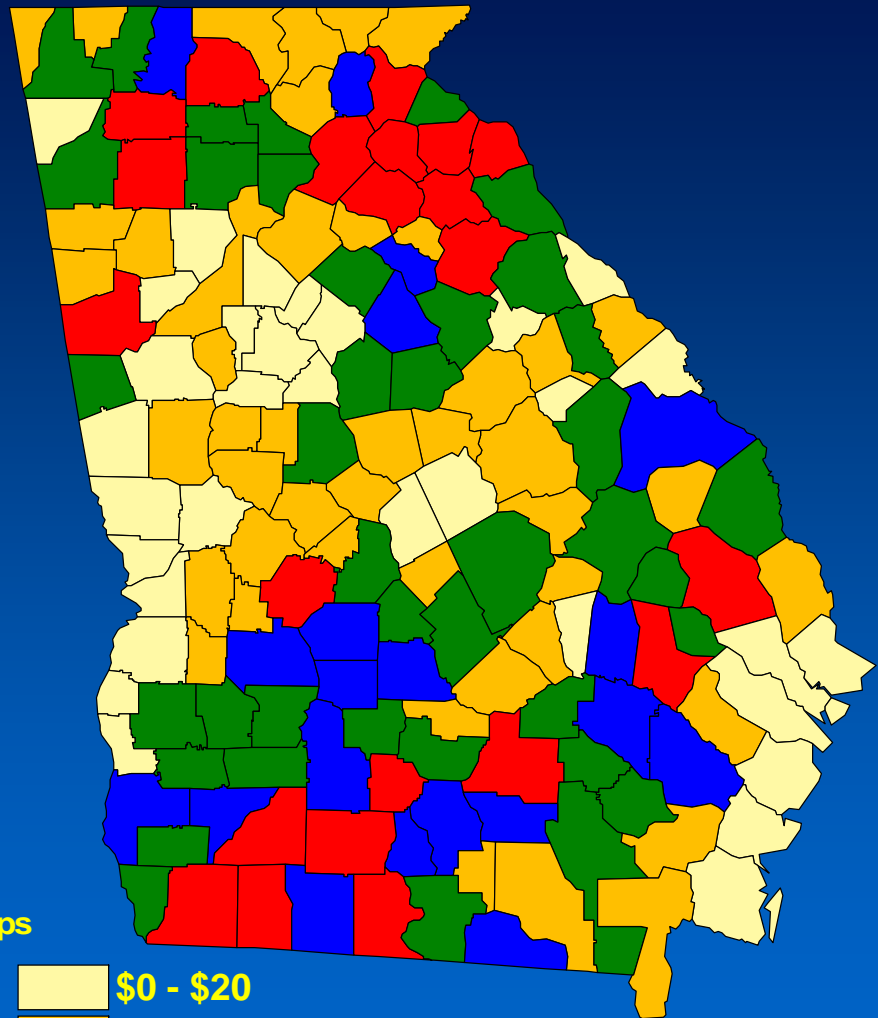
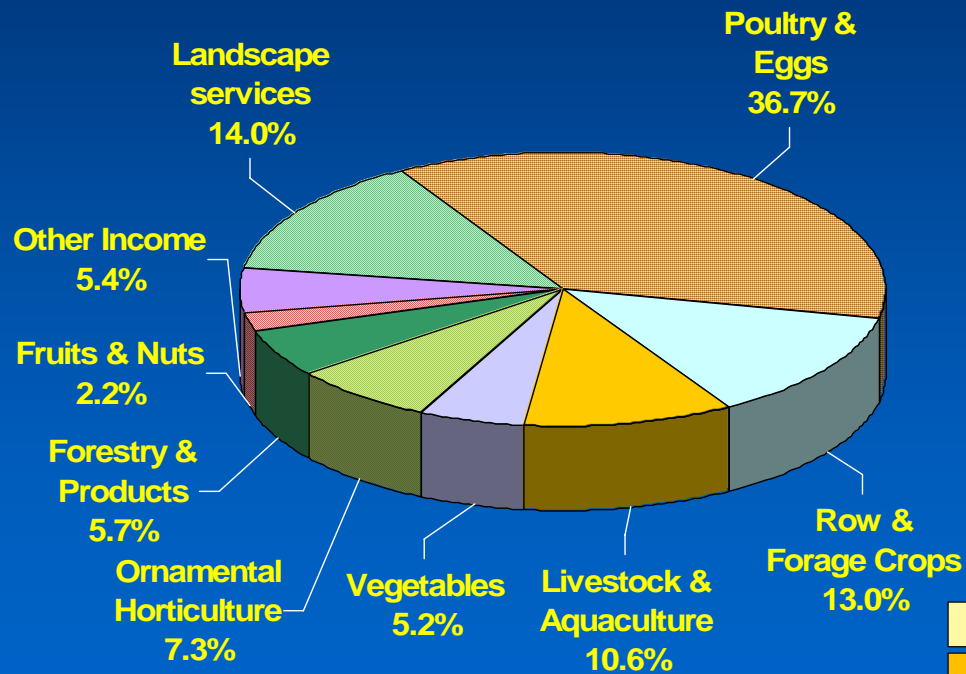
by:
The Center for Agribusiness and Economic Development
College of Agricultural and Environmental Sciences
The University of Georgia

Agriculture in Georgia

- Georgia's 2005 Farm Gate Value was \$10.6 billion. Adding the value of landscape services increased the total agricultural production value to \$12.3 billion.
- Total food and fiber production and directly related businesses account for a \$52.7 billion *output impact* on Georgia's \$614 billion economy.

Production Agriculture: 2005

Georgia Total
Agricultural
Production Value
\$12.3 Billion



2005 Farm Gate
Value by County
in Millions of Dollars

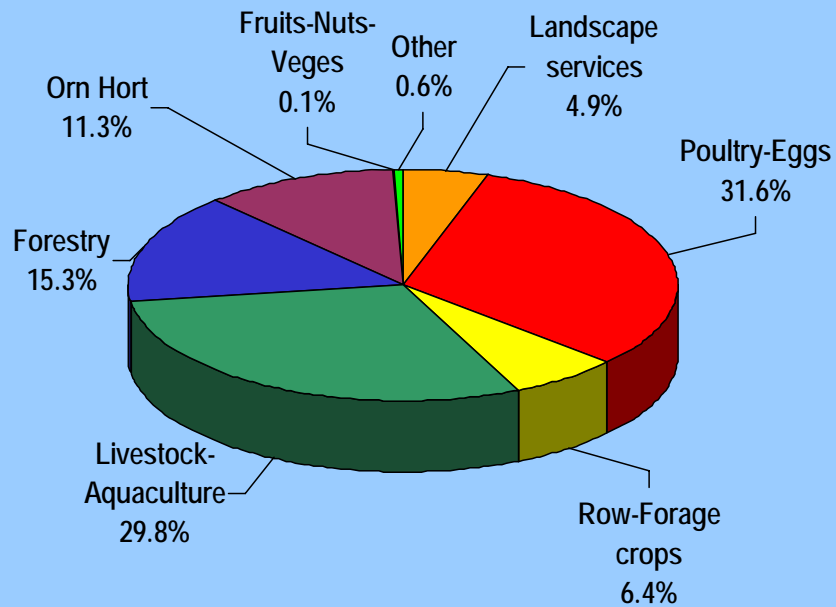
What We Know about Greene County

- 2005 Farm Gate Value in Greene Co. was \$57.8 million. Adding \$3 million of landscape services increased the total agricultural production value to \$60.8 million.
- The highest value commodity group was poultry/eggs, representing 31.6% of the total agricultural production value.

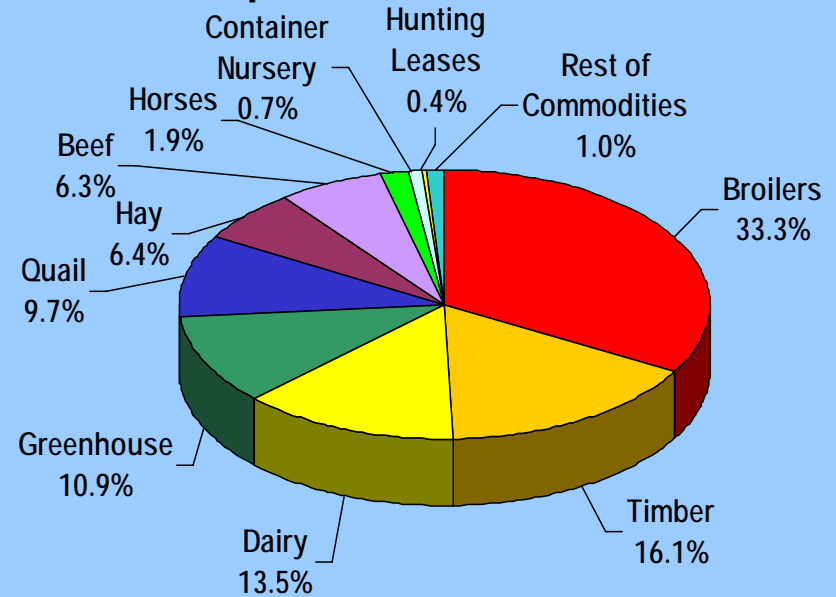
Greene County

2005 Agricultural Production Value

2005 Agricultural Production



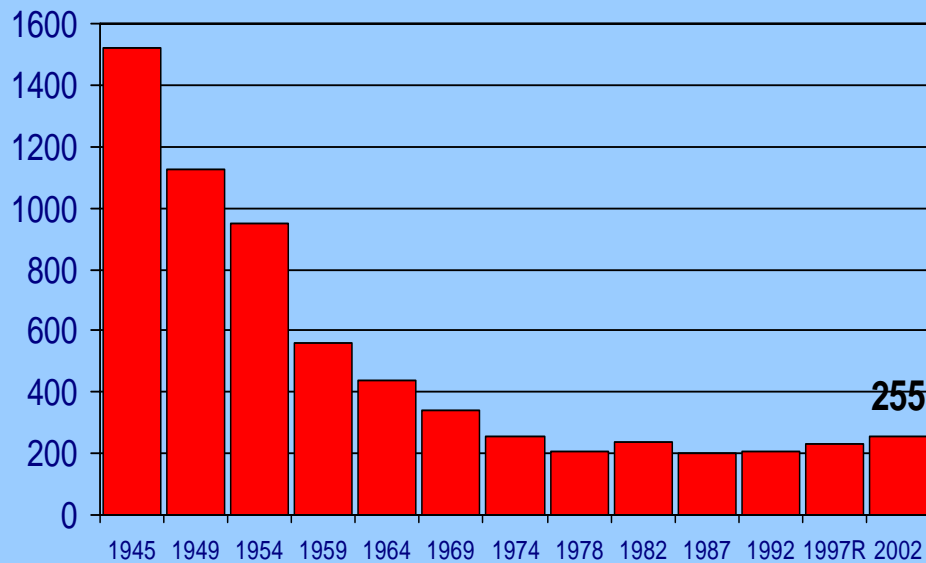
2005 Top Farm Gate Commodities



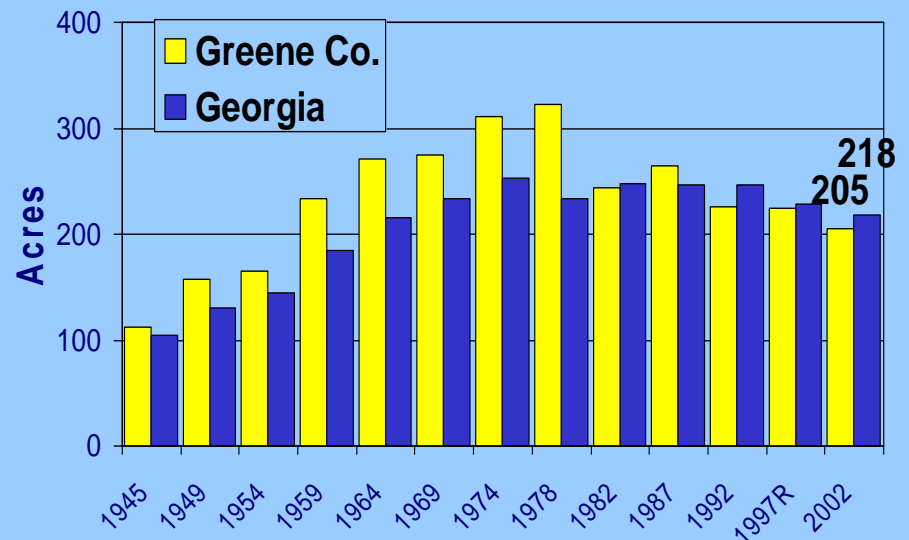
Total AG Value = \$60.8 million

Trends in Greene County: Number of Farms & Average Farm Size

Number of Farms, Greene County



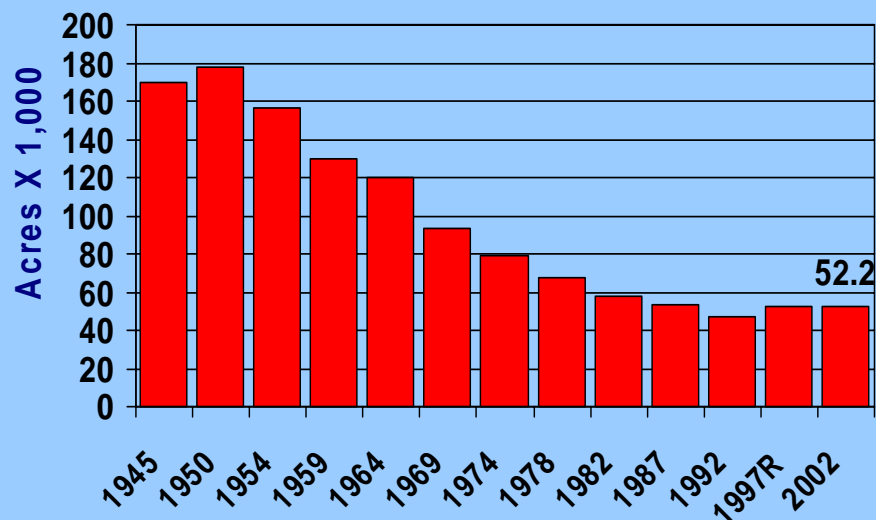
Average Farm Size



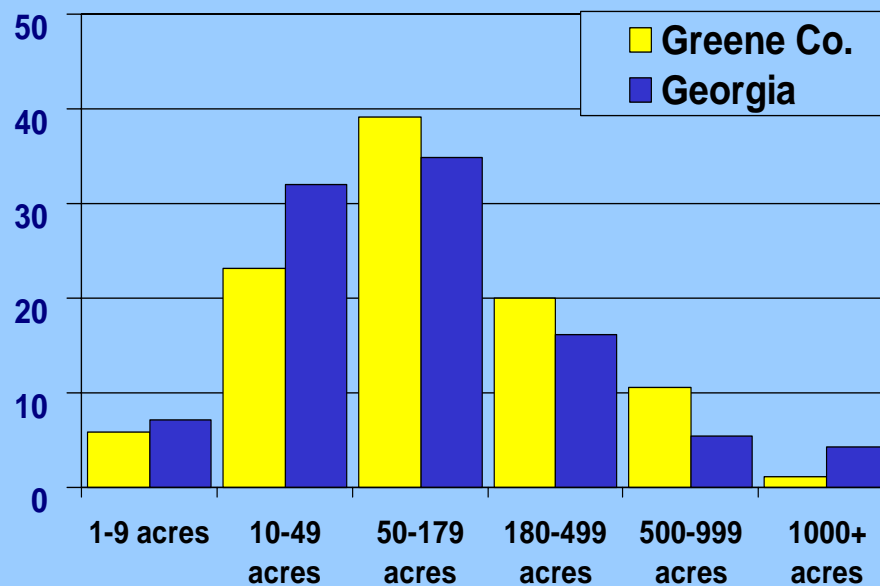
Source: 1945 2002 (quinquennial) Censuses of Agriculture

Trends in Greene County: Land in Farms & Farms by Size

Land in Farms
Greene County



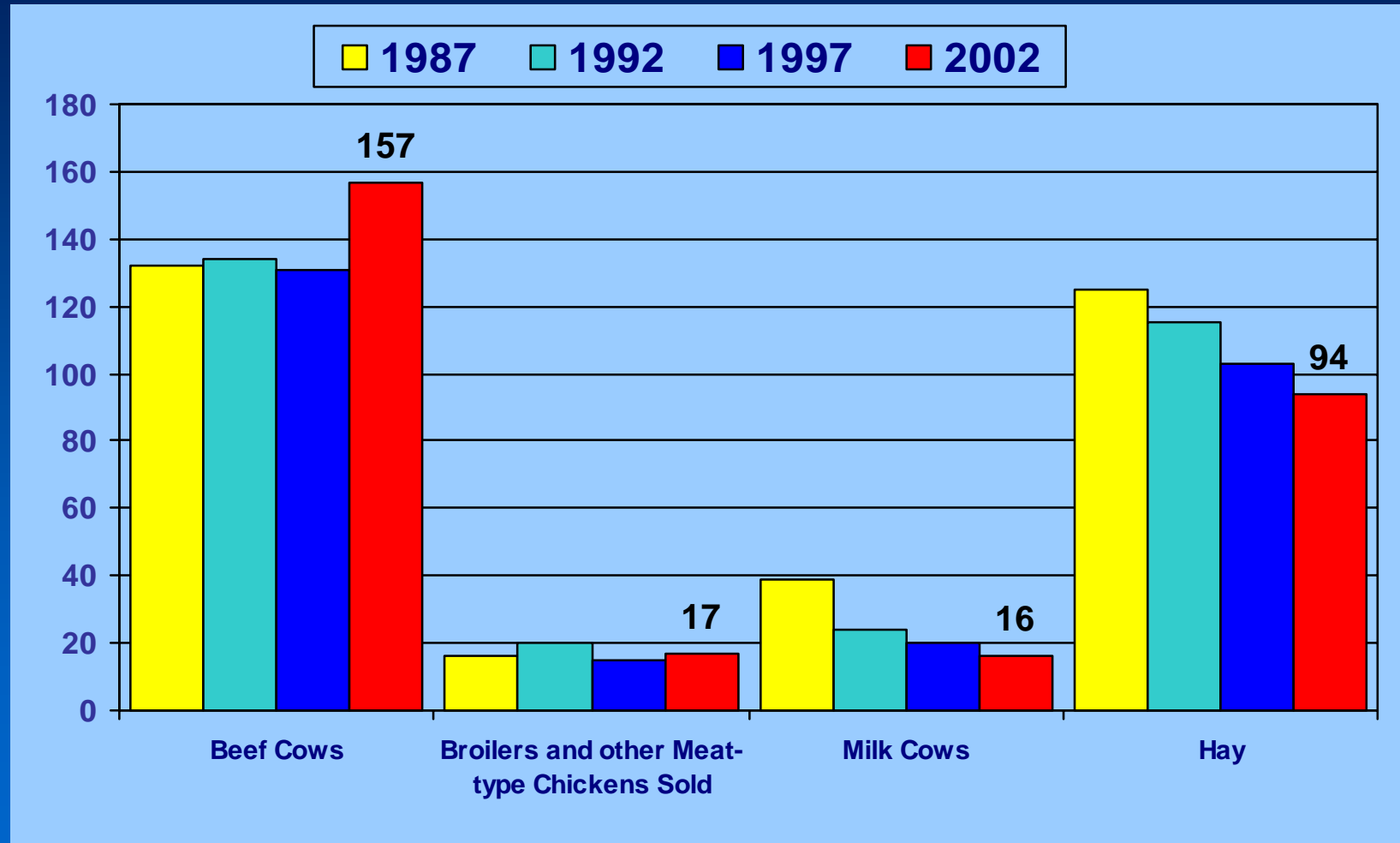
Percent of Farms by Size, 2002



Source: 1945 2002 (quinquennial) Censuses of Agriculture

Trends in Greene County

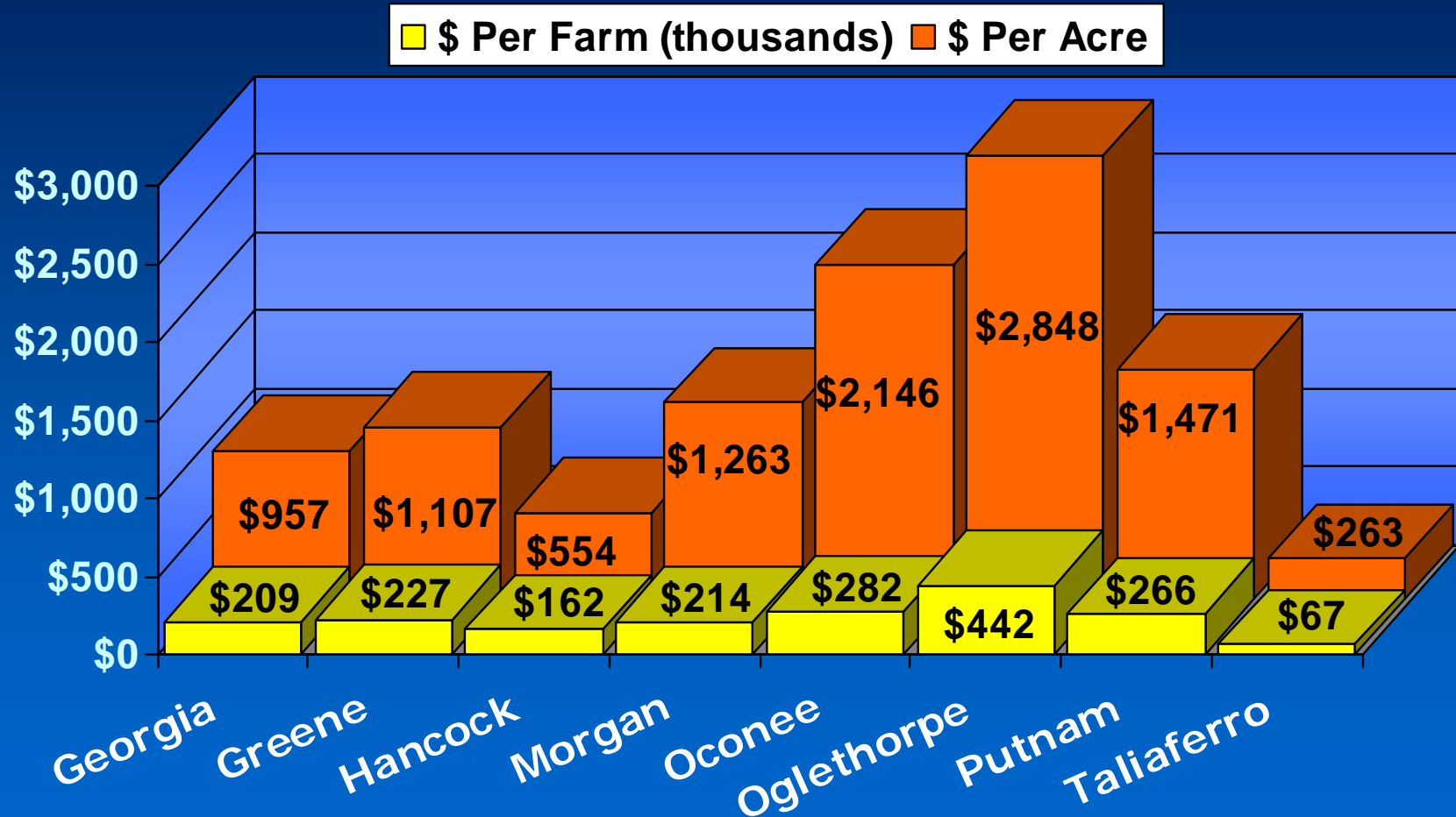
Number of Farms by Commodity



Source: 1987 2002 (quinquennial) Censuses of Agriculture

How Do We Compare ?

Georgia, Greene and Surrounding Counties Farm Gate Value



Sources: [2002 Census of Agriculture](#) and [2005 Farm Gate Value Report](#)

What We Did

- The Center for Agribusiness and Economic Development performed an analysis of the county's economy, focusing on the role of food and fiber.



What We Asked

County Economy Modeled

- How much of the county's total current economic output comes from food and fiber production and directly related processing? (A Snapshot of the Economy)
- What is the total (direct and indirect) *Impact* of food and fiber production and directly related industries?

Greene County Economy

Agriculture *OUTPUT*

	Output in \$ Millions	Percent
Agriculture	60.808	10.1
Mining	5.609	0.9
Construction	86.471	14.3
Manufacturing	145.959	24.2
Trans-Utilities-Info	16.751	2.8
Trade	59.022	9.8
Finance-Ins-RE	48.190	8.0
Services	95.432	15.8
Government	85.841	14.2

Total County Economic Output = \$604.1 million

Greene County Economy

Agriculture + Directly Related Businesses *OUTPUT*

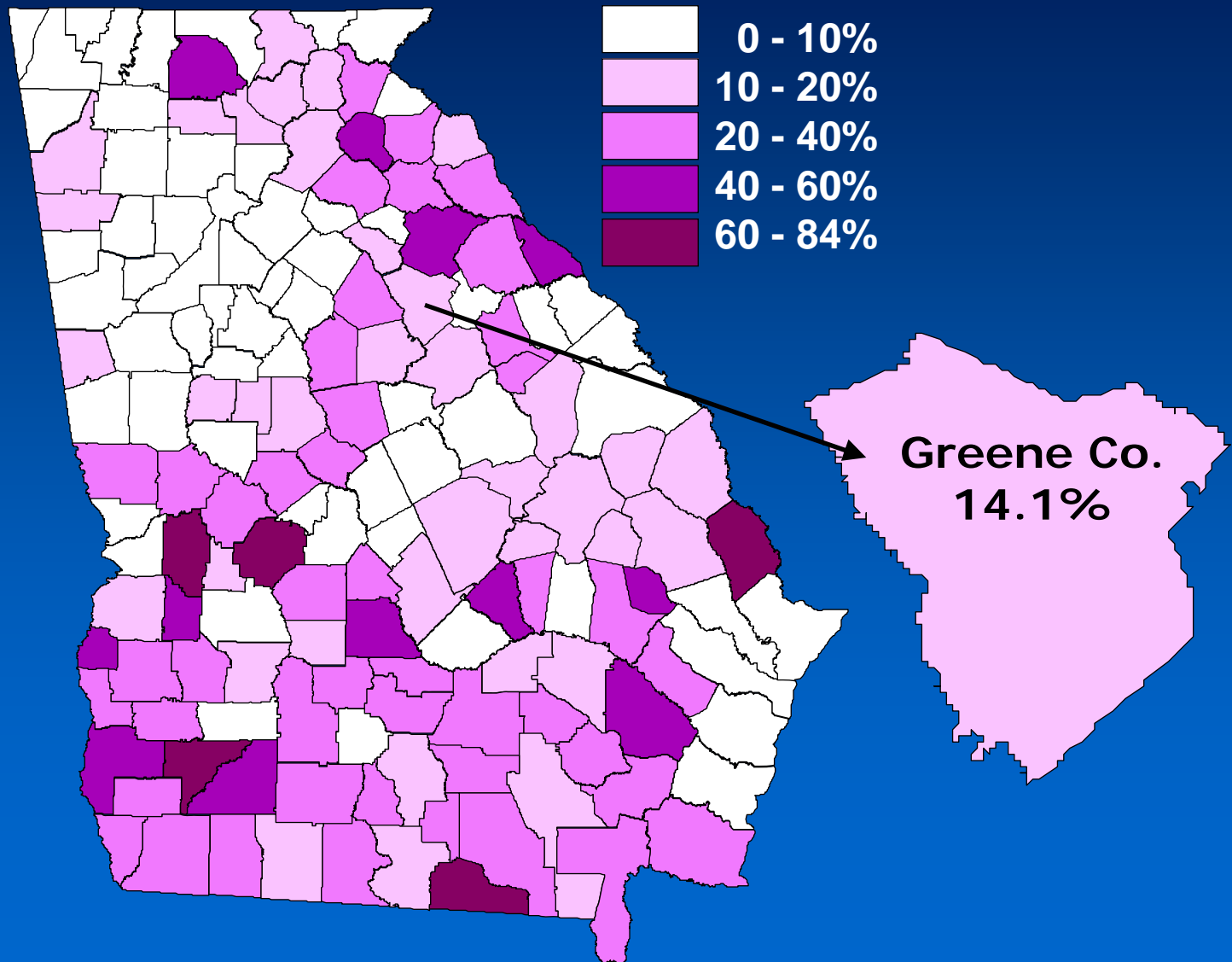
	Output in \$ Millions	Percent
<i>Agriculture + Direct</i>	85.331	14.1
Mining	5.609	0.9
Construction	86.471	14.3
Manufacturing	121.437	20.1
Trans-Utilities-Info	16.751	2.8
Trade	59.022	9.8
Finance-Ins-RE	48.190	8.0
Services	95.432	15.8
Government	85.841	14.2

Total County Economic Output = \$604.1 million

An Economic Snapshot of Greene County

- How much of Greene County's total economic output comes from food and fiber production?
- AG value alone of \$60.8 million consisting of Farm Gate Value and landscape services comprises 10.1% of the county's economy.
- AG plus directly related businesses (ex. logging, etc.) comprise 14.1% of the county's economy.

Food and Fiber Production, Processing and Direct Manufacturing as % of Total Output

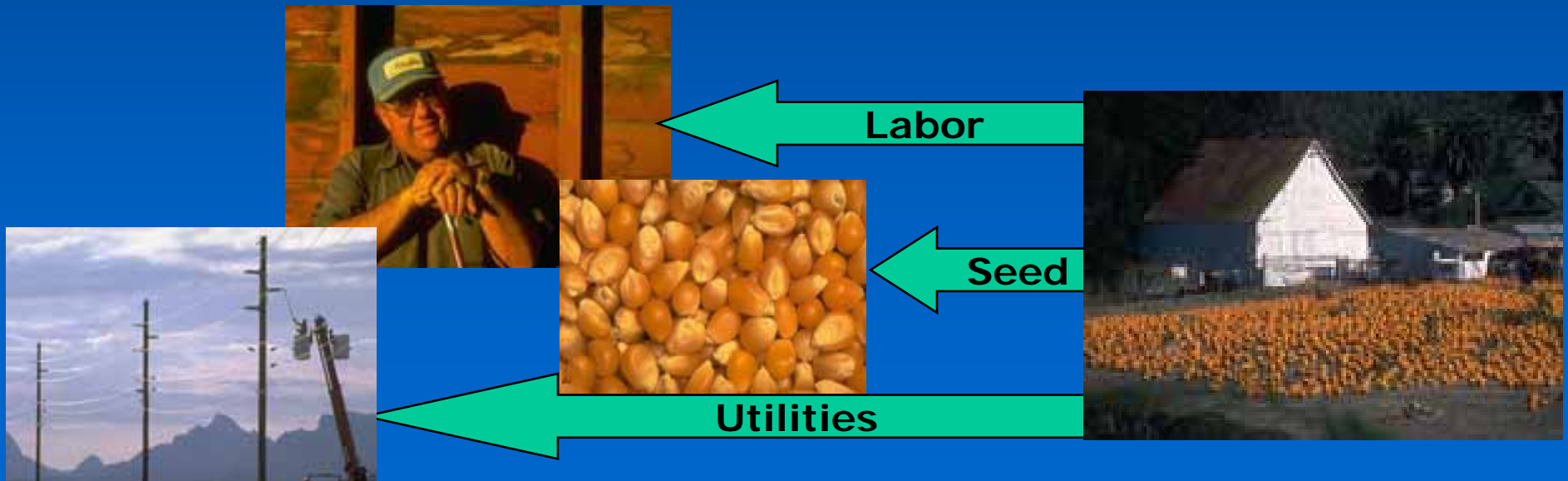


What is the Impact?

- What is the total (direct and indirect) *impact* of food and fiber production and directly related industries?
- This scenario illustrates how other industries are affected by the presence of food and fiber in the county. The indirect impacts measure output created due to food and fiber production and processing in the county.

What Impact Means: A Brief Explanation

- The *impact* numbers capture the ripple effects that food and fiber create in the county's economy. Many other sectors rely in part on the existence of food and fiber for sales.



Greene County

Agriculture *IMPACT*

	Direct \$ Millions	Indirect \$ Millions
Agriculture	60.808	0
Mining	0	0.000
Construction	0	0.210
Manufacturing	0	0.210
Trans-Utilities-Info	0	1.127
Trade	0	3.271
Finance-Ins-RE	0	2.555
Services	0	3.453
Government	0	2.833
Total	60.808	13.659

Total Impact of Production AG = \$103.4 million–12.3% of total economy

Greene County

Production Agriculture + Directly Related Businesses *IMPACT*

	Direct \$ Millions	Indirect \$ Millions
Agriculture + Direct	85.331	0
Mining	0	0.000
Construction	0	0.254
Manufacturing	0	0.304
Trans-Utilities-Info	0	1.344
Trade	0	4.359
Finance-Ins-RE	0	3.467
Services	0	4.717
Government	0	3.664
Total	85.331	18.109

Total Impact of AG + Directly Related = \$103.4 million—17.1% of total economy

Greene County

Production Agriculture + Directly Related Industries Employment *IMPACT*

	Direct	Indirect
Agriculture + Direct	1,024	0
Mining	0	0
Construction	0	3
Manufacturing	0	1
Trans-Utilities-Info	0	17
Trade	0	52
Finance-Ins-RE	0	22
Services	0	87
Government	0	4

Total Impact of AG + Directly Related Employment = 1,209 Jobs

What These Numbers Mean: A Brief Explanation

- *Direct* impact is \$85.3 million. This includes food and fiber production, processing and directly related manufacturing.
- *Indirect* impact from the Trade sector is \$4.4 million. This captures the effects of farmers (direct source) buying supplies (seed, fertilizer, work boots) from local stores. These stores must increase their output to meet farmer demand.

What These Numbers Mean:

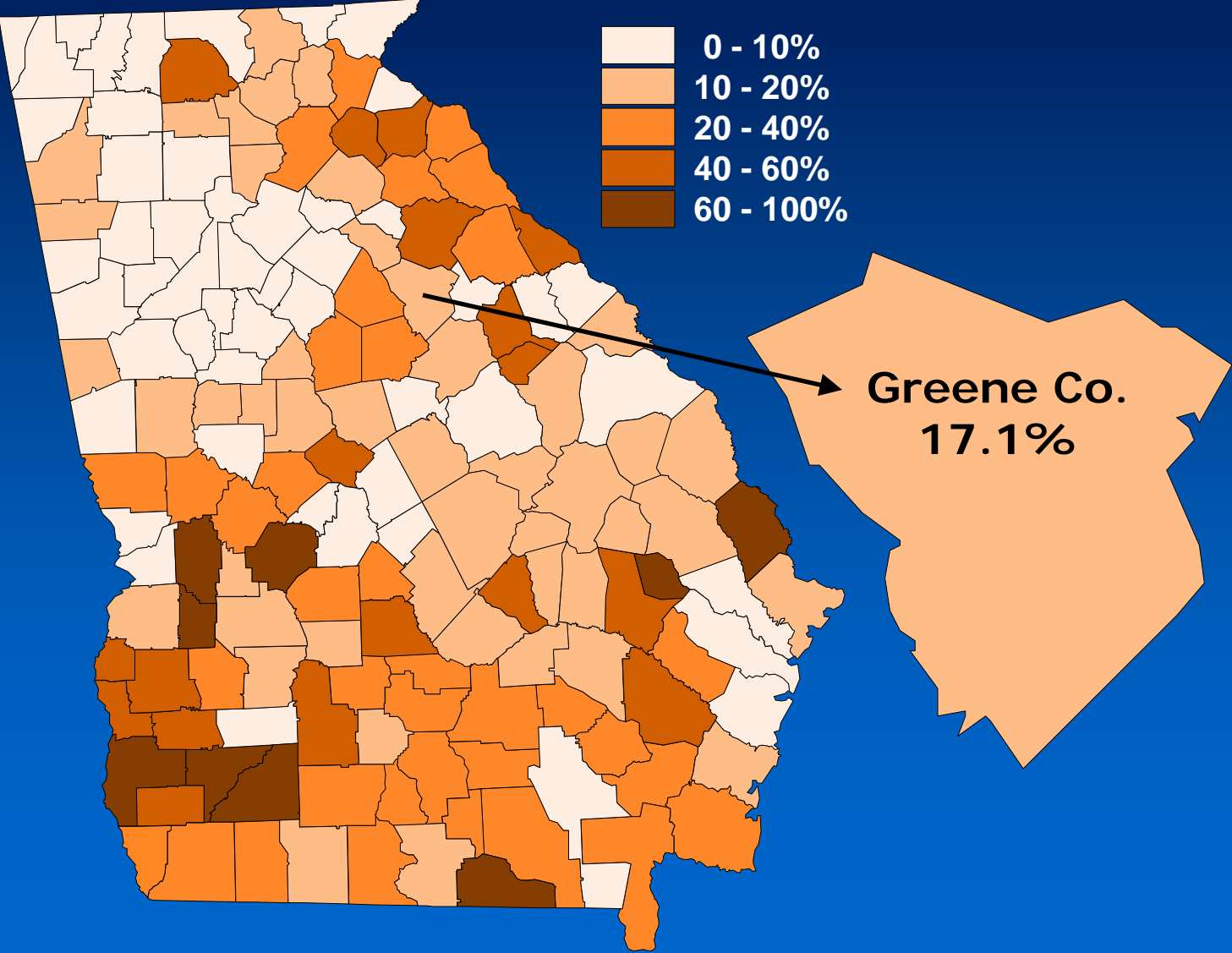
A Brief Explanation (continued)

- **As local stores increase their output, they may demand more stock from local wholesalers (also in the Trade sector). Local wholesalers demand more from local manufacturers, thus increasing activity in the Manufacturing sector.**
- **Local stores also hire employees to assist farmers. They take home wages and buy groceries at the local store which increases demand there.**

Greene County Food and Fiber Impact Conclusions

- The total *impact* of food and fiber production, processing and direct manufacturing is \$103.4 million.
- The total *output* is \$604.1 million.
- Thus, food and fiber (directly and indirectly) account for 17.1% of the total output.

Food and Fiber Production, Processing and Direct Manufacturing Impact as % of Total Output



Contact Information

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*“Adding Value to Georgia's Agricultural Economy
Through Research and Extension”*

*To learn more about your county, go to:
<http://www.caed.uga.edu/>
...click on “Georgia Statistics System”*

**Special County Area Report
#0703A
February, 2007**

