



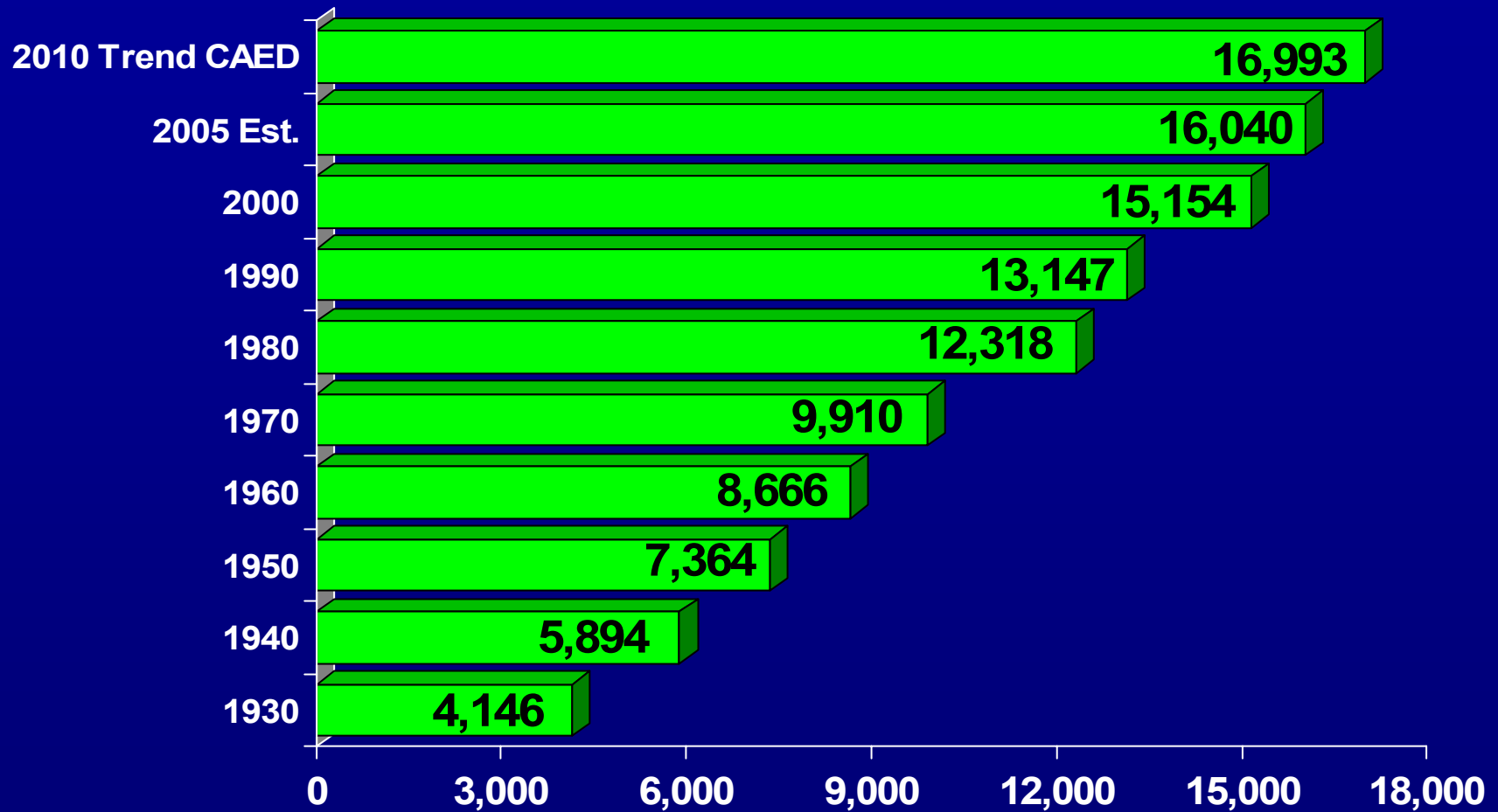
The Economic Importance of Food and Fiber

A Spotlight on Dade County, Georgia

**Prepared for:
Dade County Cooperative Extension
April, 2006**

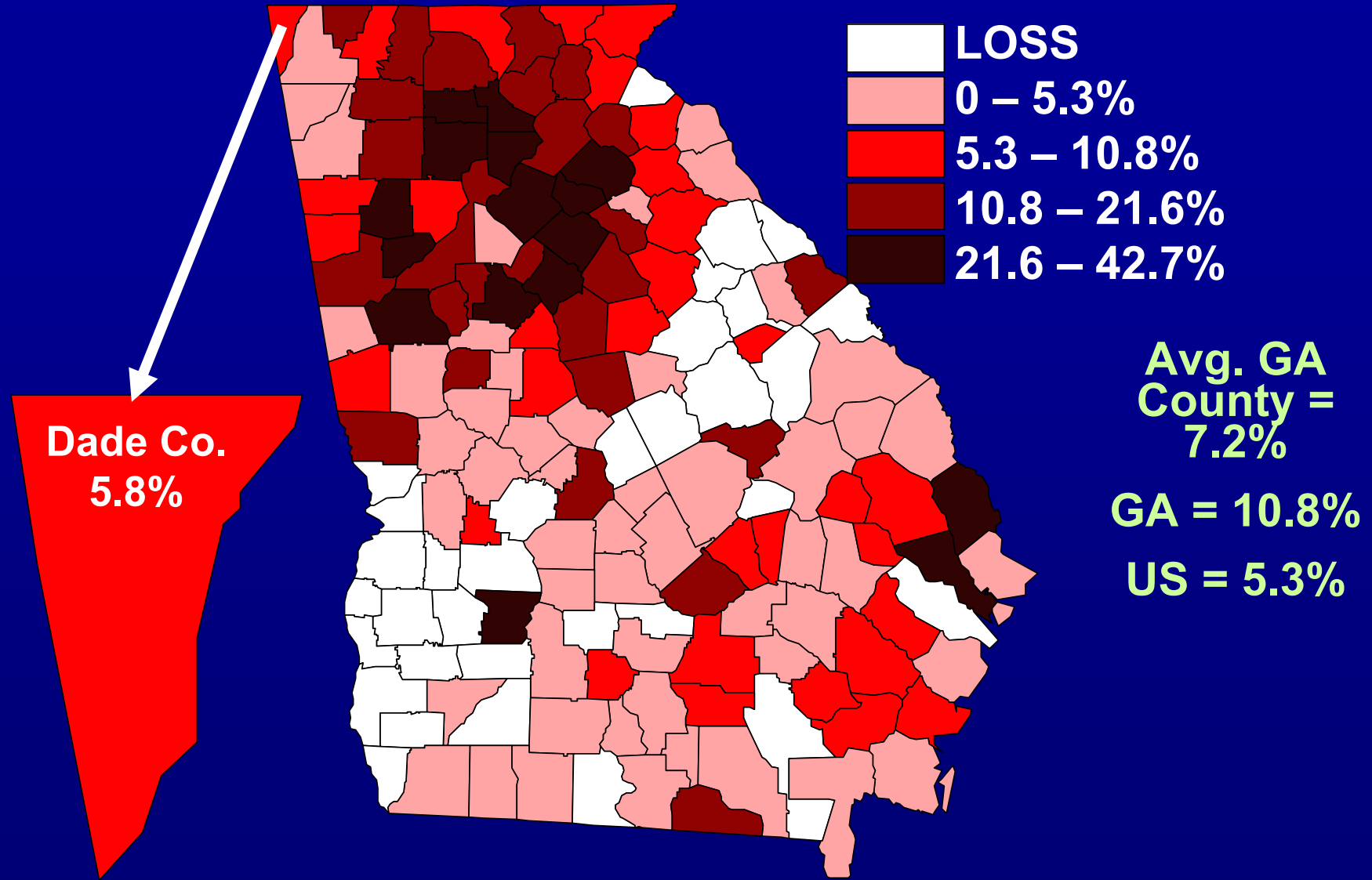
**by:
The Center for Agribusiness and Economic Development
College of Agricultural and Environmental Sciences
The University of Georgia**

Total Population Dade County



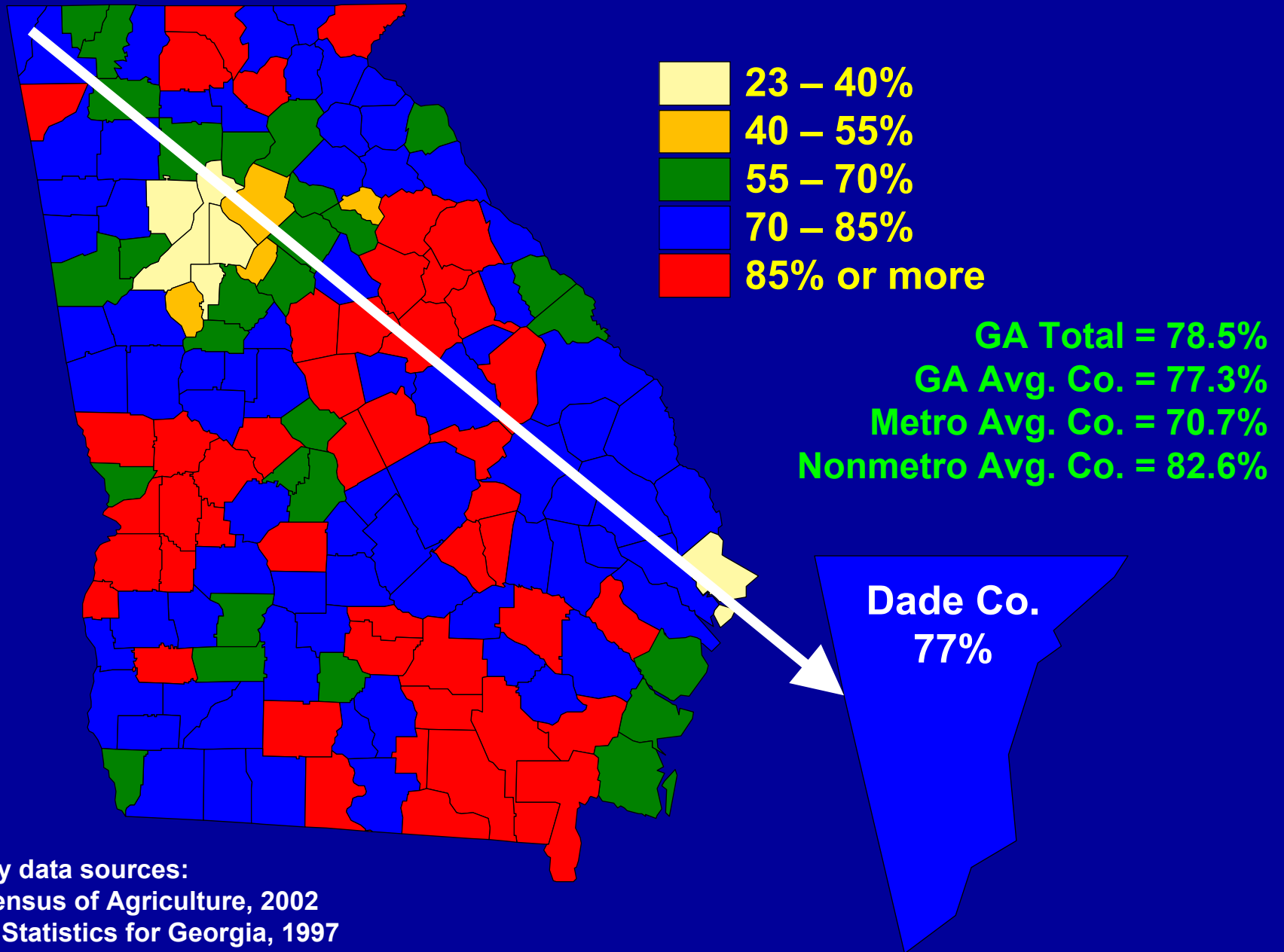
Primary data sources: U.S. Census Bureau, decennial censuses & estimate; CAED (Center for Agribusiness & Economic Development).

Population Change: 2000-2005



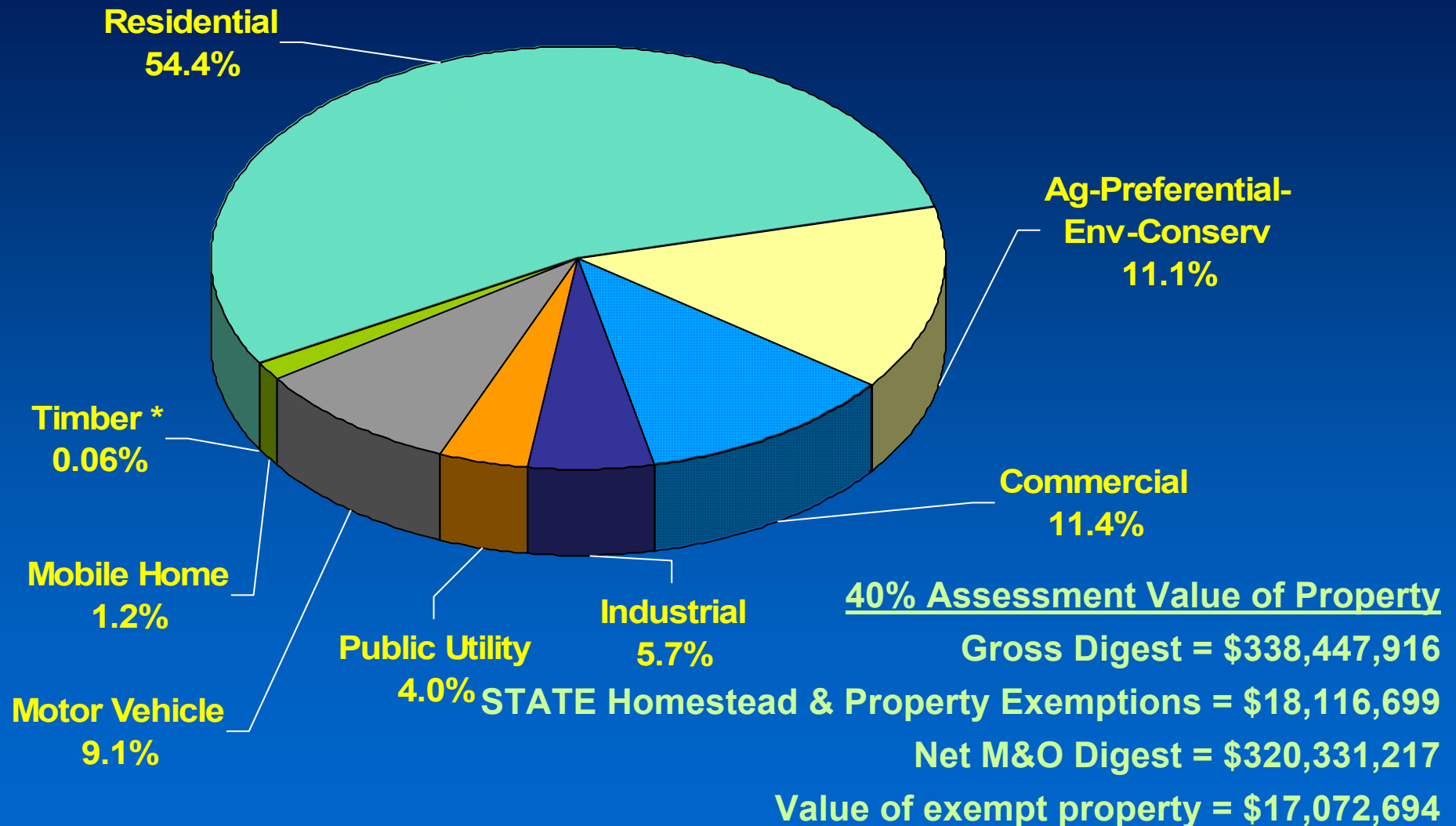
Primary data source: U.S. Census Bureau

Percent of Land in Cropland & Forestland: 2002



Primary data sources:
U.S. Census of Agriculture, 2002
Forest Statistics for Georgia, 1997

Components of 2004 Property Tax Gross Digest Dade County



Primary data source:
GA Dept. of Revenue

* Timber taxed at 100% based on previous year sales

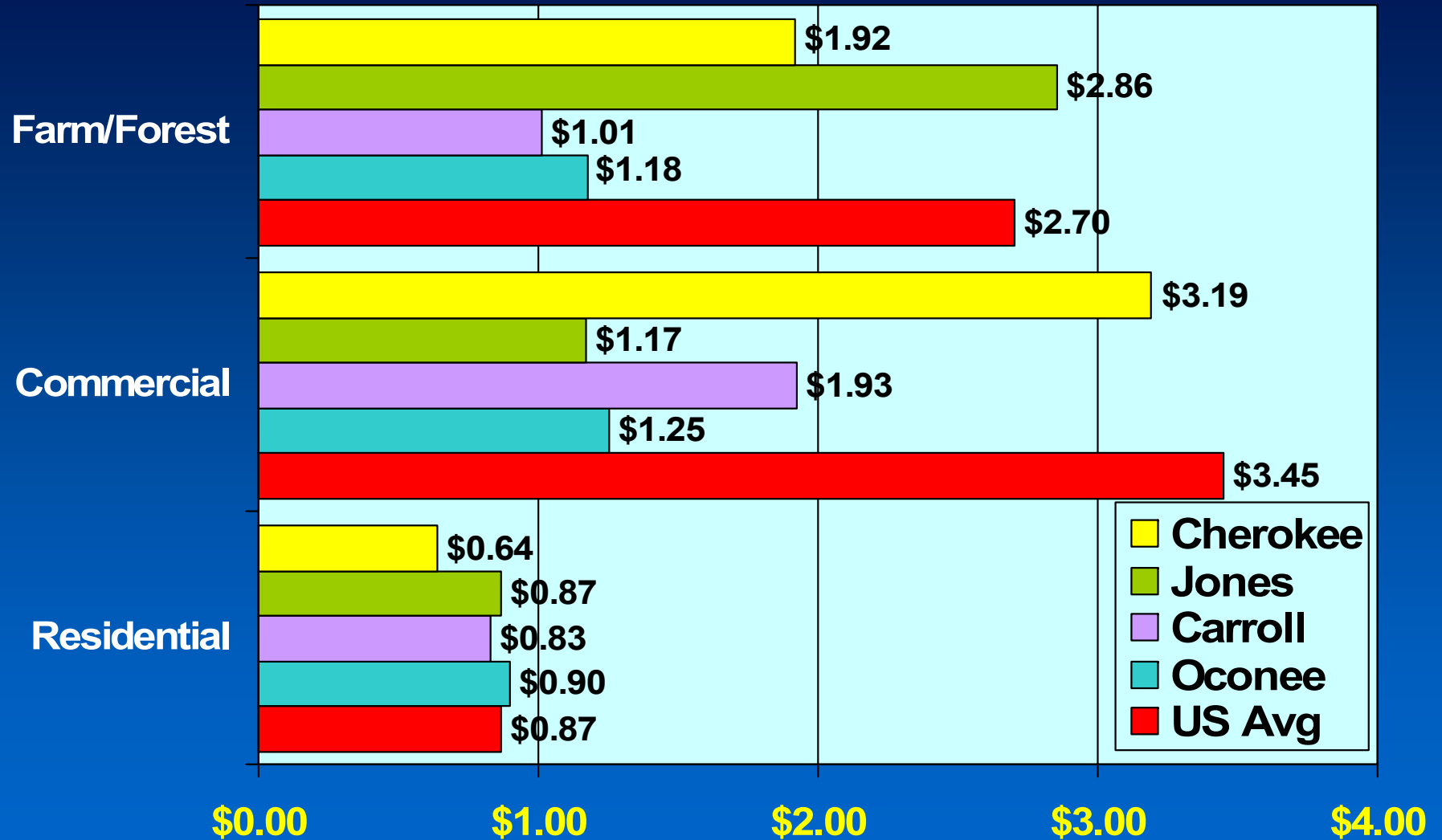
County Property Tax Digest Comparisons: 2004

County	% Residential	% Agricultural	% Commercial	% Industrial	% Motor Vehicle	% Other
DADE	54.4	14.1	11.4	5.7	9.1	5.2
CATOOSA	55.0	7.2	15.8	9.2	9.2	3.7
CHATTOOGA	39.6	18.2	9.6	20.0	8.9	3.6
WALKER	57.0	7.6	10.2	11.9	9.4	4.0
WHITFIELD	37.1	3.5	21.1	27.4	7.6	3.2
Avg. GA Co.	40.7	20.8	13.2	7.9	9.0	8.4

Primary data source: GA Dept. of Revenue

Revenue : Expenditure Ratios

\$ of Revenue for Each \$ of Expenditure

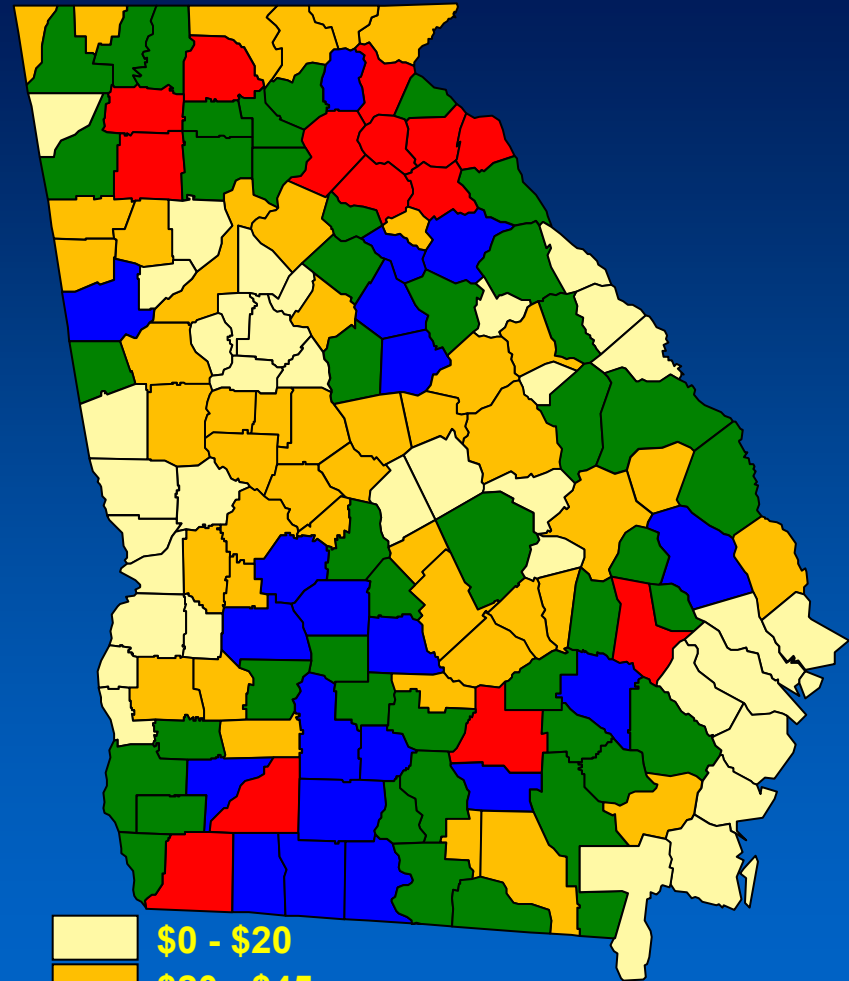
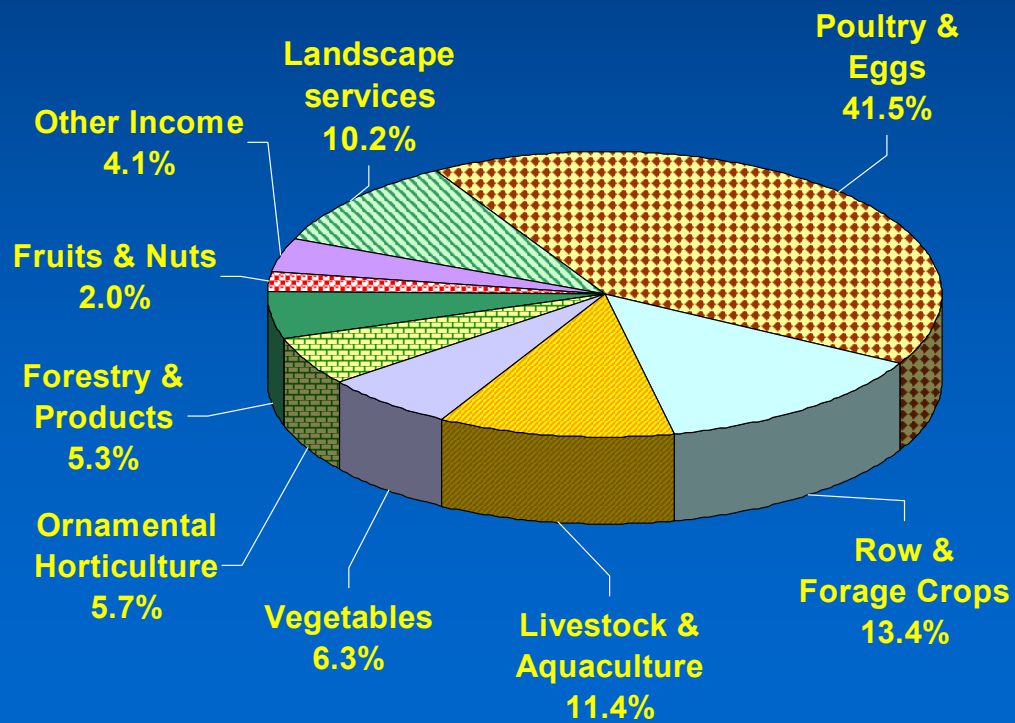


Agriculture in Georgia

- Georgia's 2004 Farm Gate Value was \$10.3 billion. Adding the value of landscape services increased the total agricultural production value to \$11.2 billion.
- Total food and fiber production and directly related businesses account for a \$49.3 billion *impact* on Georgia's \$557 billion economy.

Production Agriculture: 2004

**Georgia Total
Agricultural
Production Value
\$11.2 Billion**



**2004 Farm Gate
Value by County
in Millions of Dollars**

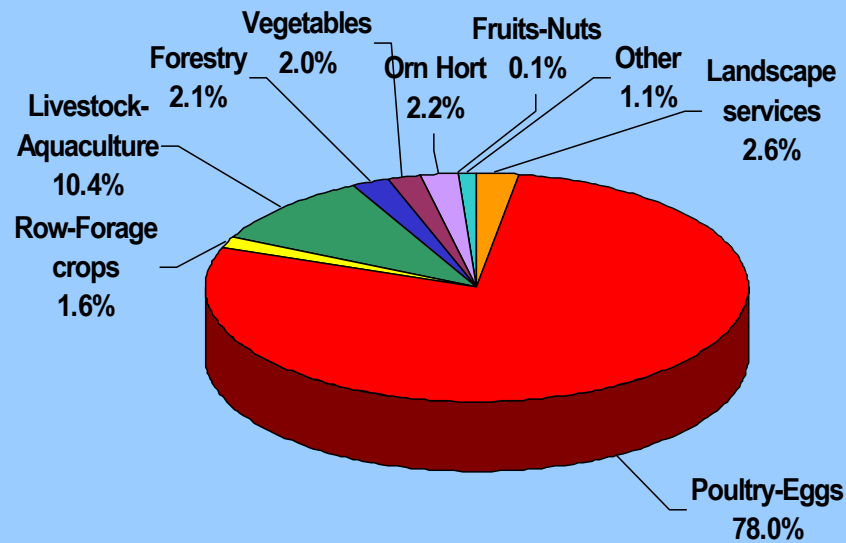
What We Know about Dade County

- **2004 Farm Gate Value in Dade Co. was \$24.6 million. Adding \$661 thousand of landscape services increased the total agricultural production value to \$25.2 million.**
- **The highest value commodity group was poultry/eggs, representing 78% of the total agricultural production value.**

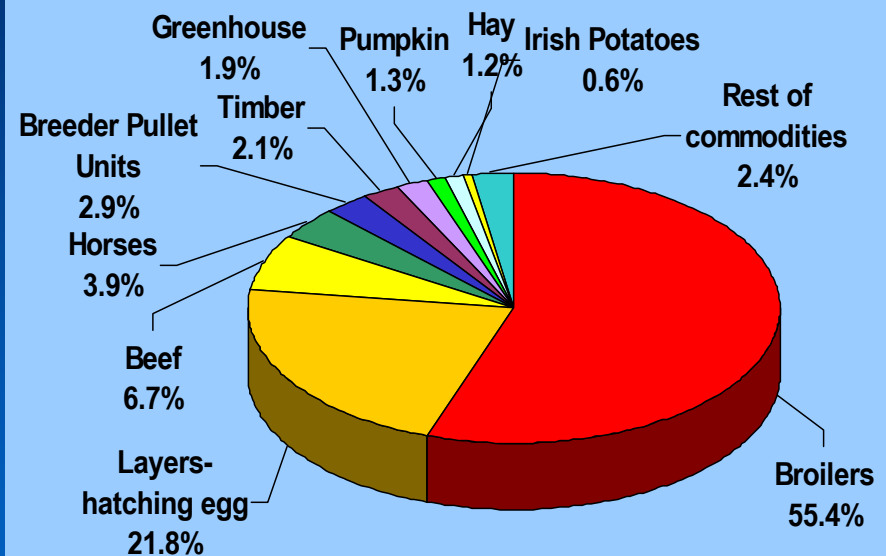
Dade County

2004 Agricultural Production Value

2004 Agricultural Production



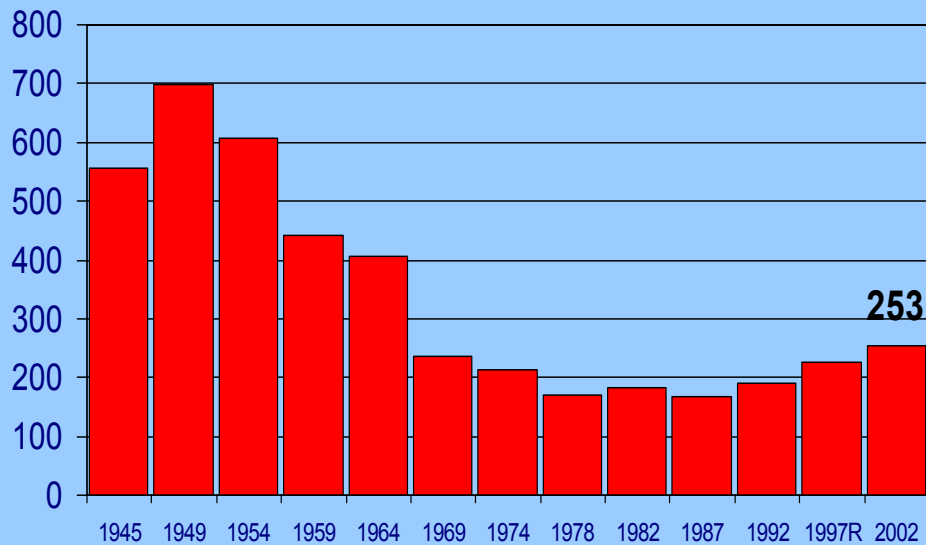
2004 Top Farm Gate Commodities



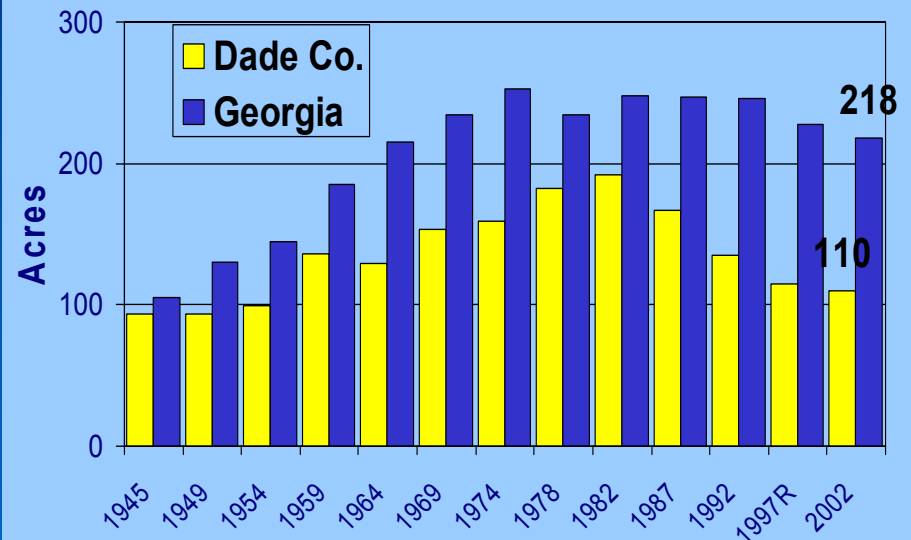
Total AG Value = \$25.2 million

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

Number of Farms, Dade County



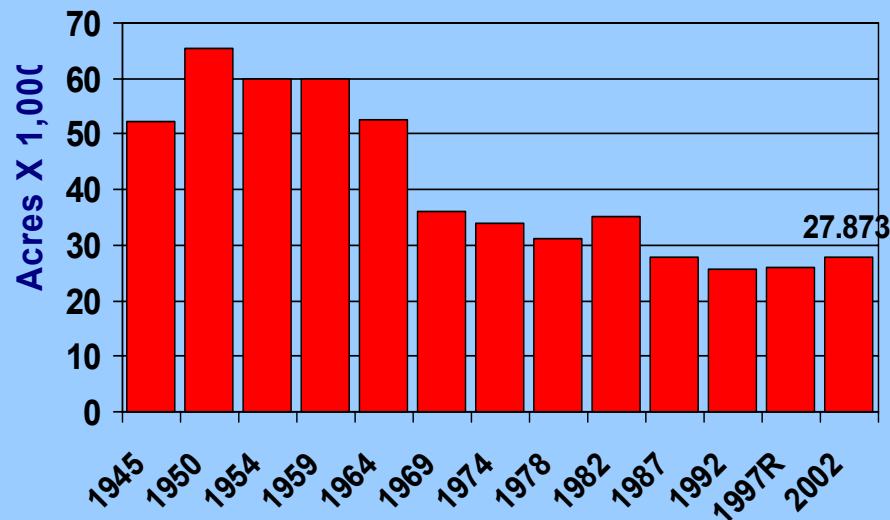
Average Farm Size



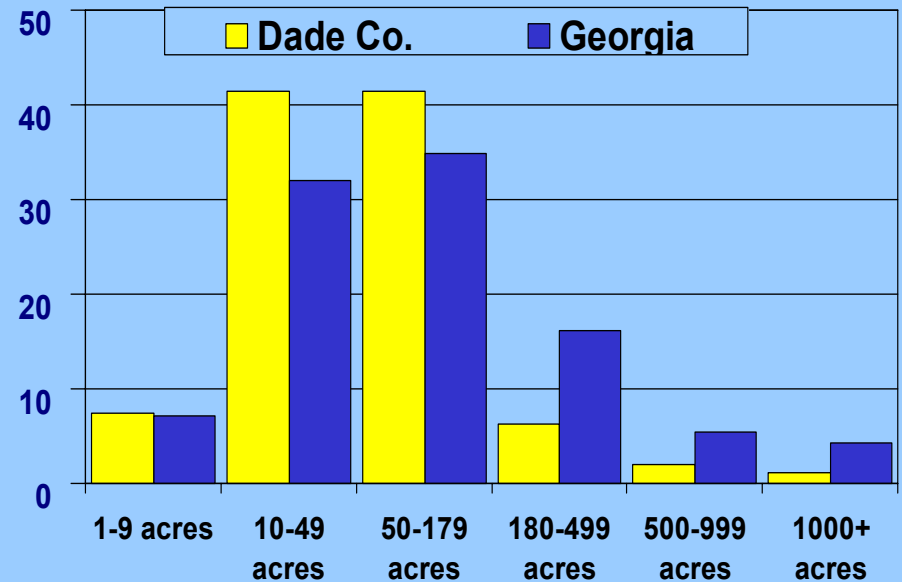
Source: 1945 2002 (quinquennial) Censuses of Agriculture

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

Land in Farms
Dade County



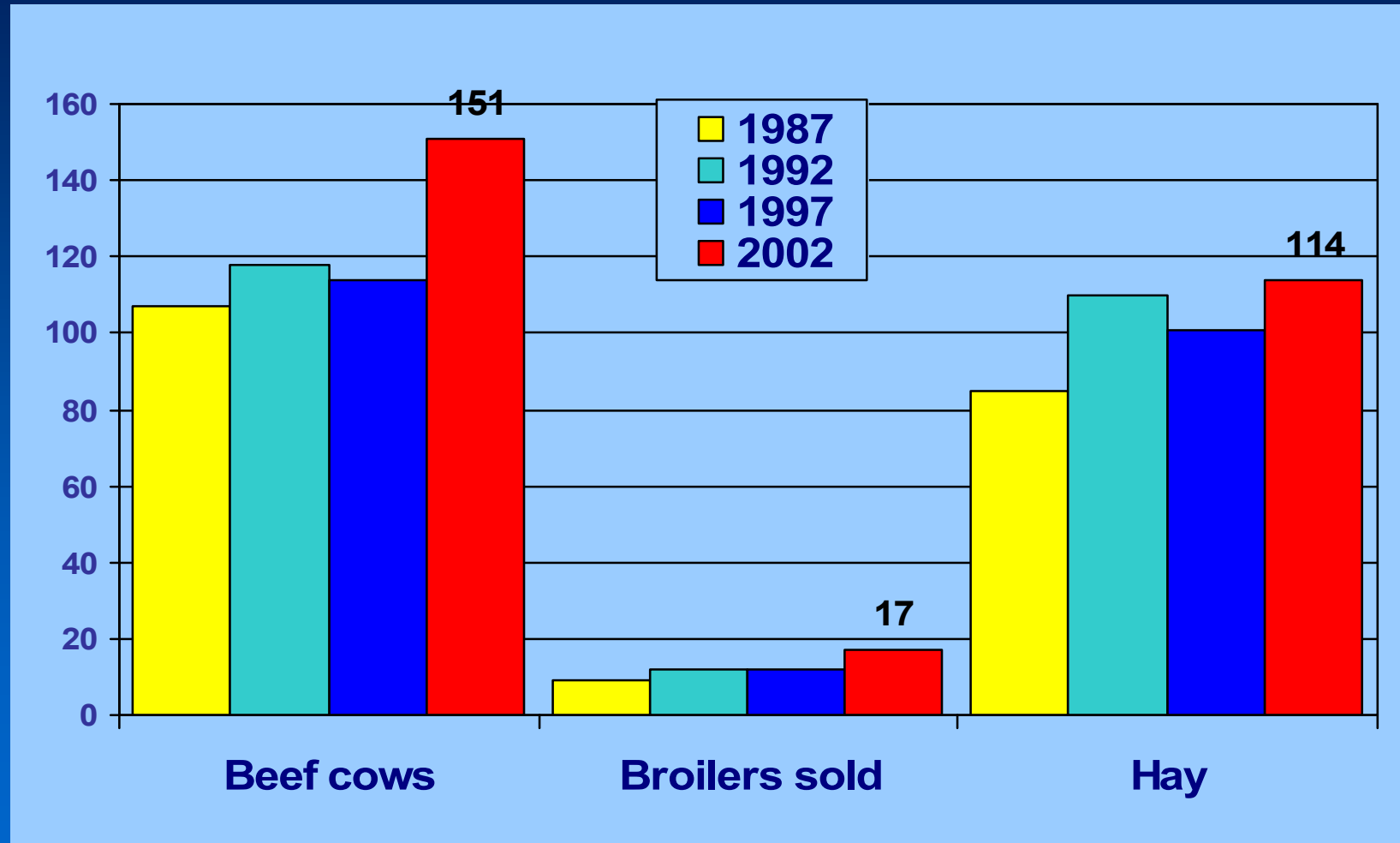
Percent of Farms by Size, 2002



Source: 1945 2002 (quinquennial) Censuses of Agriculture

Trends in Dade County

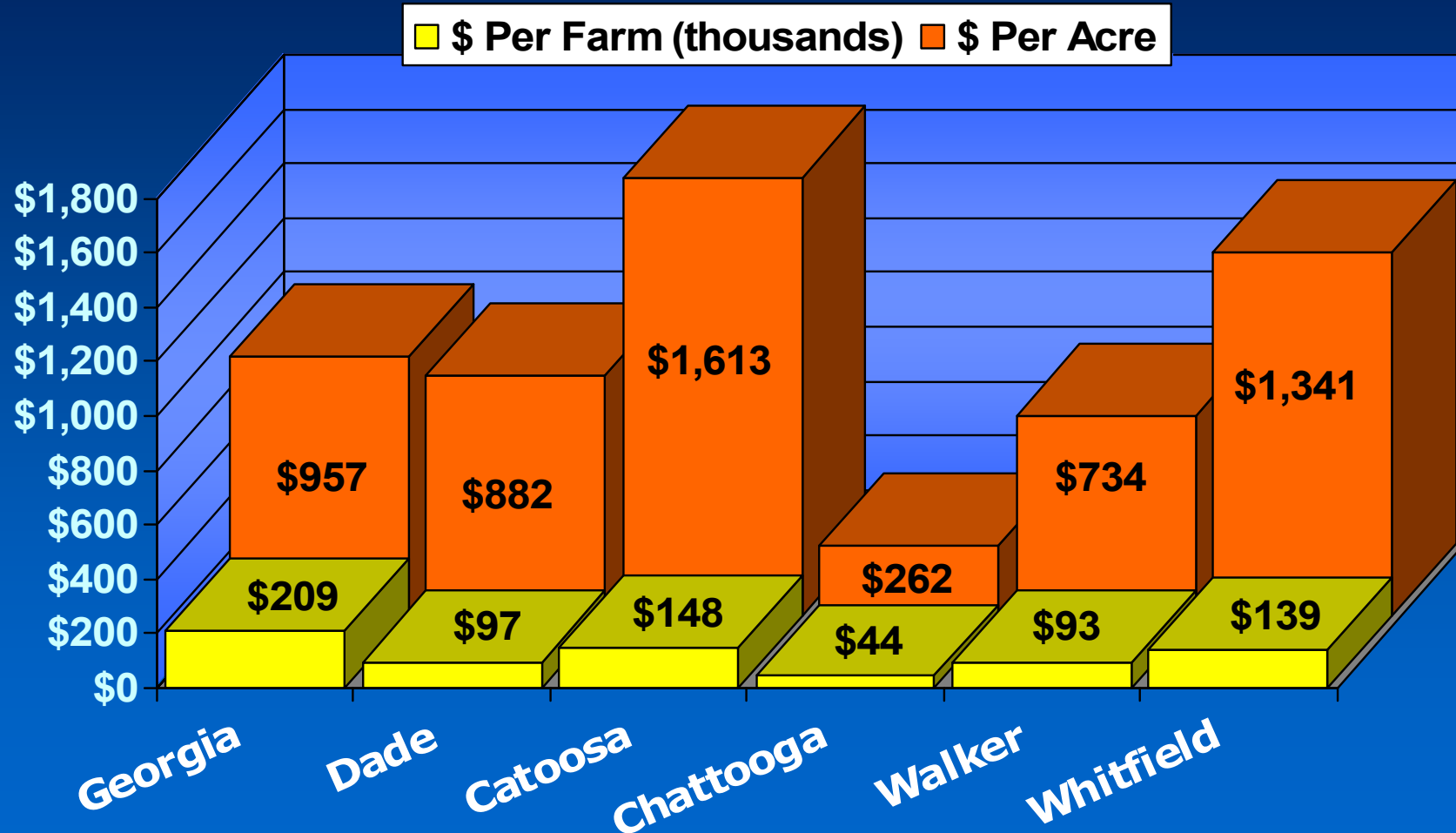
Number of Farms by Commodity



Source: 1987 2002 (quinquennial) Censuses of Agriculture

How Do We Compare ?

Georgia, Dade and Surrounding Counties Farm Gate Value



Sources: 2002 Census of Agriculture and 2004 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.**



Dade County Economy

Agriculture *OUTPUT*

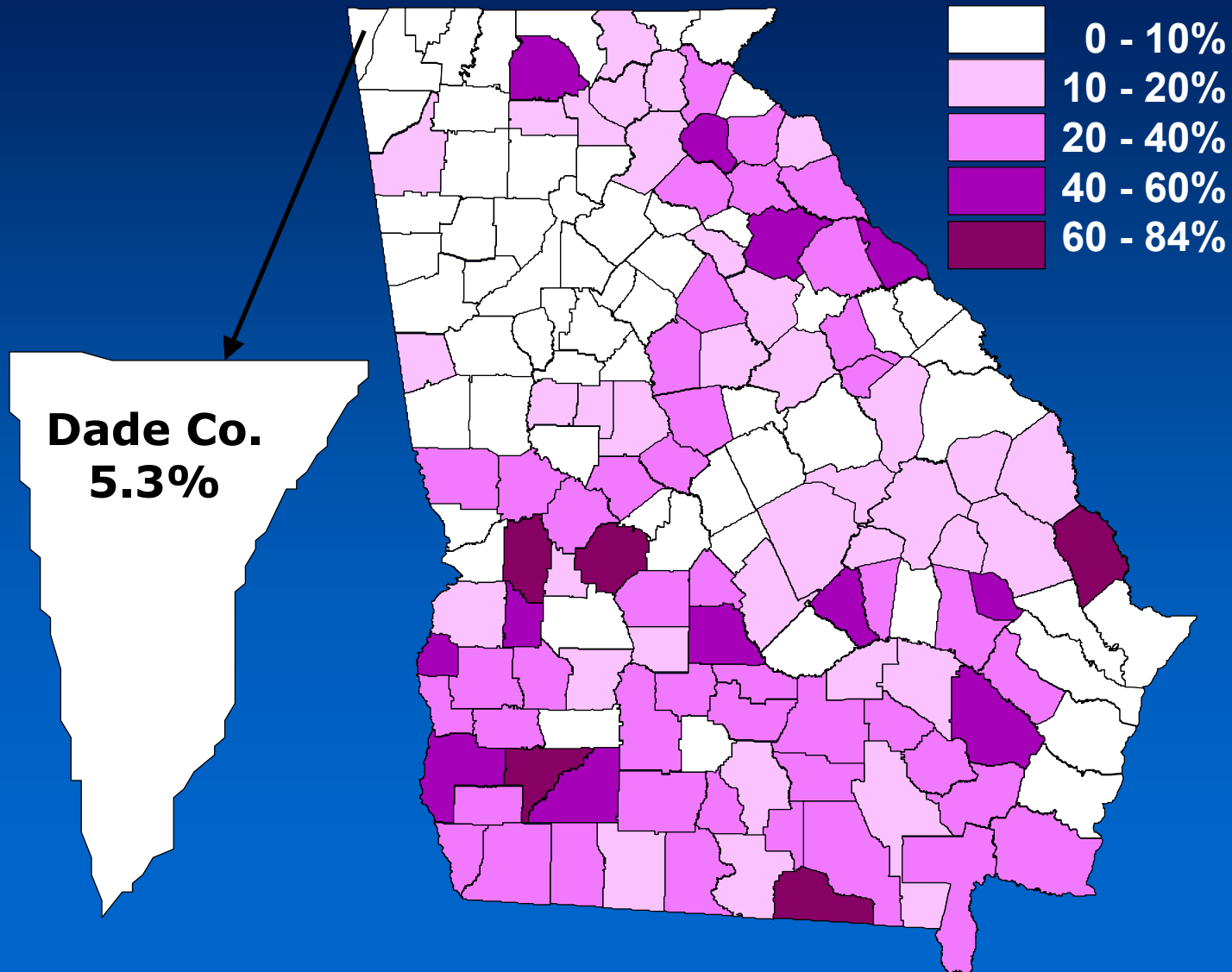
	Output in \$ Millions	Percent
Agriculture	25.246	5.34
Mining	0.110	0.02
Construction	42.702	9.03
Manufacturing	206.101	43.61
Trans-Utilities-Info	22.279	4.71
Trade	32.603	6.90
Finance-Ins-RE	16.119	3.41
Services	66.764	14.13
Government	60.720	12.85

Total County Economic Output = \$472.6 million

An Economic Snapshot of Dade County

- **How much of Dade County's total economic output comes from food and fiber production?**
- **Ag value of \$25.2 million consisting of Farm Gate Value and landscape services comprises 5.3% of the county's economy.**

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

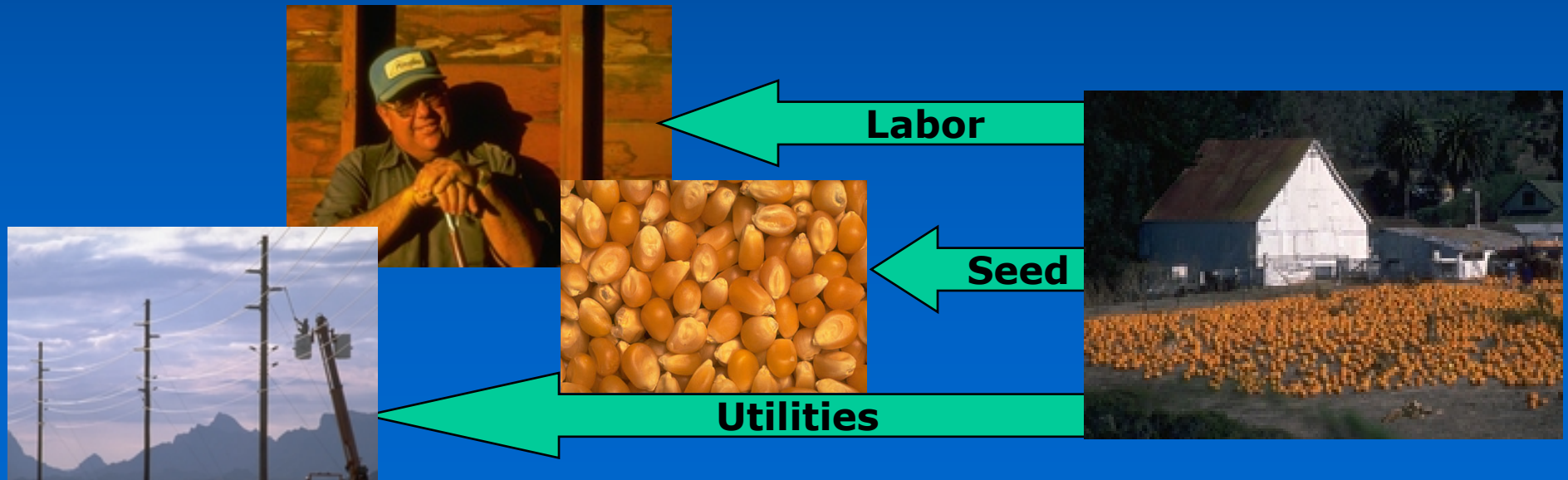


What is the Impact?

- What is the total (direct and indirect) *impact* of food and fiber production?
- 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 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.



Dade County

Agriculture *IMPACT*

	Direct \$ Millions	Indirect \$ Millions
Agriculture	25.246	0
Mining	0	0.000
Construction	0	0.087
Manufacturing	0	0.120
Trans-Utilities-Info	0	0.428
Trade	0	0.544
Finance-Ins-RE	0	0.359
Services	0	1.065
Government	0	0.769
Total	25.246	3.371

Total Impact of Production AG = \$28.6 million – 6.1% of total economy

Dade County

Production Agriculture Employment *IMPACT*

	Direct	Indirect
Agriculture	338	0
Mining	0	0
Construction	0	1
Manufacturing	0	1
Trans-Utilities-Info	0	2
Trade	0	11
Finance-Ins-RE	0	3
Services	0	22
Government	0	1

Total Impact of AG Related Employment = 380 Jobs

What These Numbers Mean: A Brief Explanation

- ***Direct*** impact is \$25.2 million. This includes food and fiber production, processing and directly related manufacturing.
- ***Indirect*** impact from the Trade sector is \$544 thousand. 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:

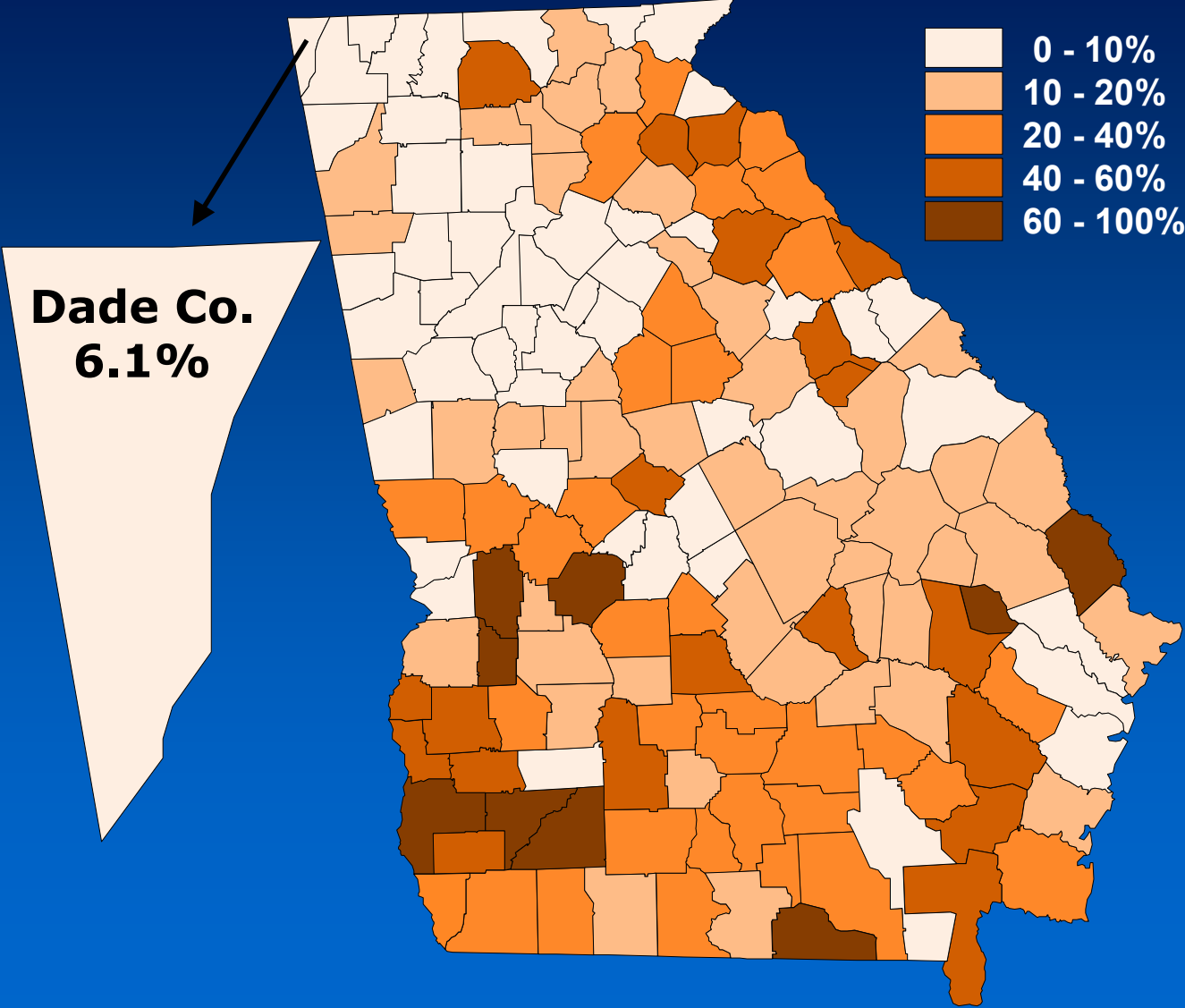
A Brief Explanation (continued)

- **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.**

Dade County Food and Fiber Impact Conclusions

- The total *impact* of food and fiber production is \$25.2 million.
- The total *output* is \$472.6 million.
- Thus, food and fiber (directly and indirectly) account for 6.1% 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
#06 14A
April, 2006

