

The Economic Importance of Food and Fiber

A Spotlight on Jasper County, Georgia

**Prepared for
Jasper County Cooperative Extension
June, 2012**

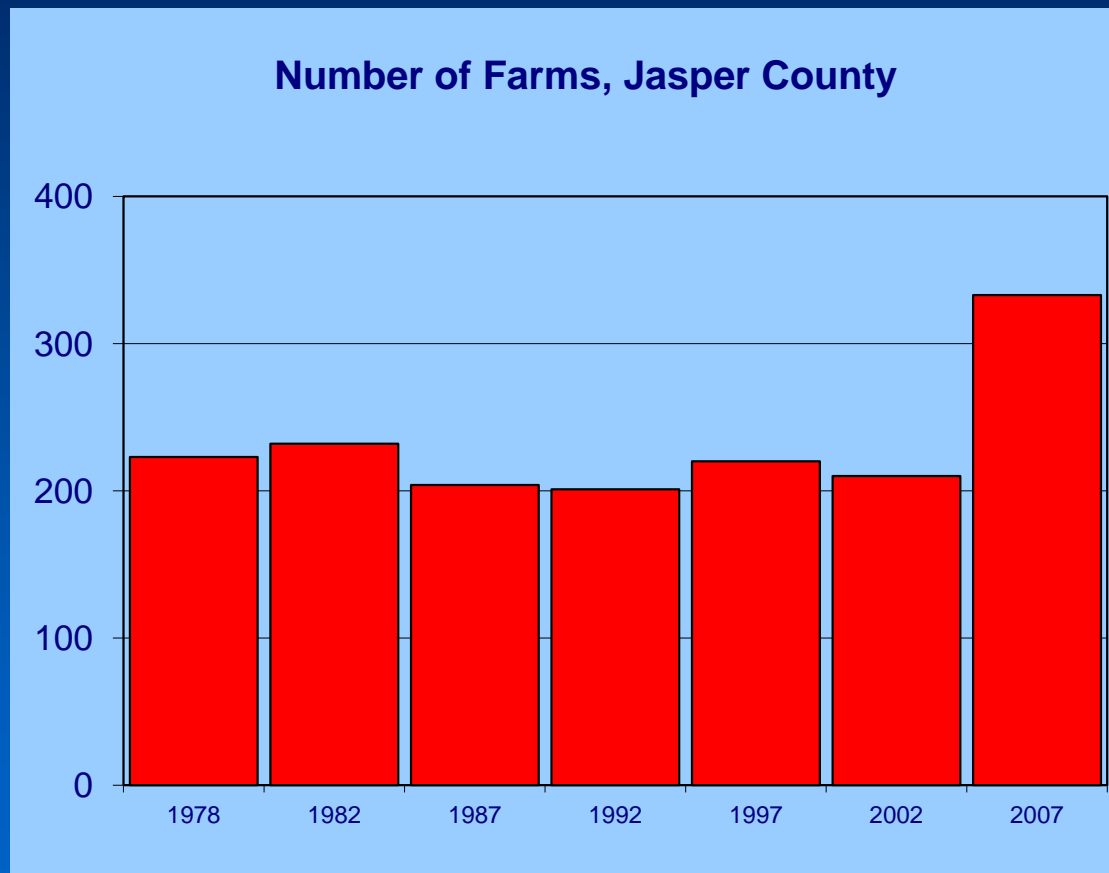
by:

**The Center for Agribusiness
and Economic Development**

**College of Agricultural
and Environmental Sciences**

The University of Georgia

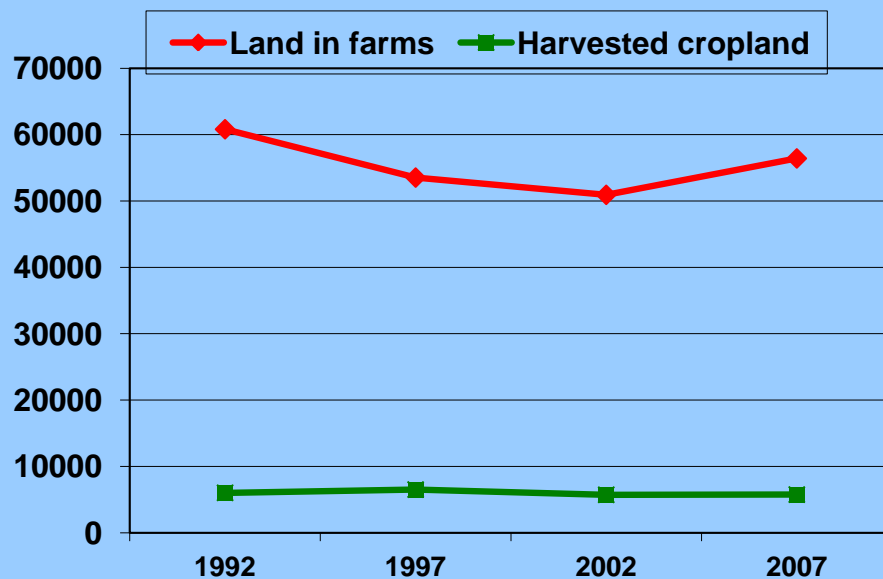
Trends in Jasper County: Number of Farms



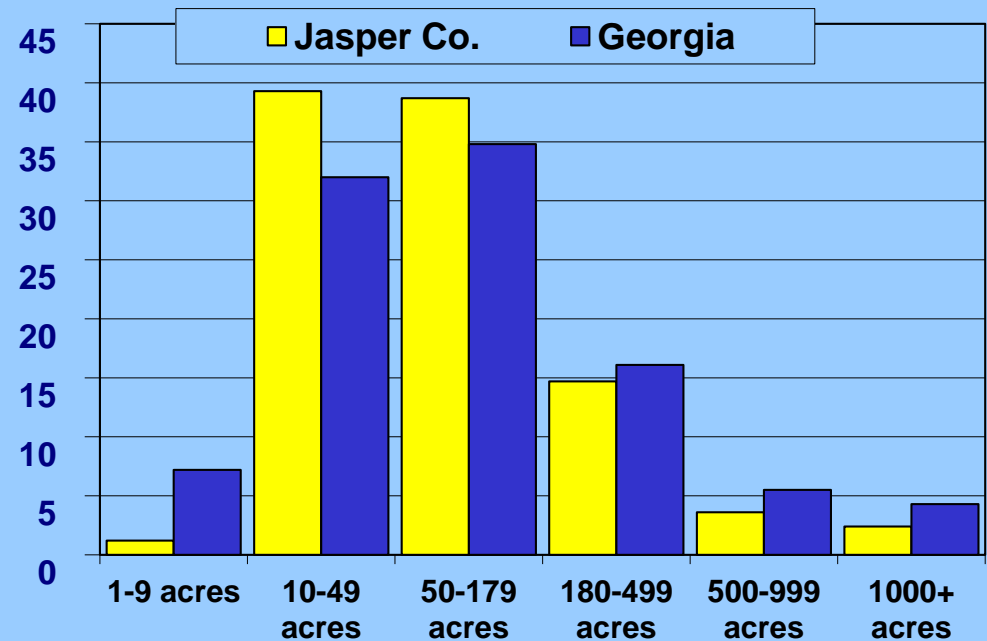
Source: 1978-2007 (quinquennial) Censuses of Agriculture

Trends in Jasper County: Land in Farms, Harvested Cropland & Farms by Size

Land in Farms & Harvested Cropland
Jasper County



Percent of Farms by Size, 2007

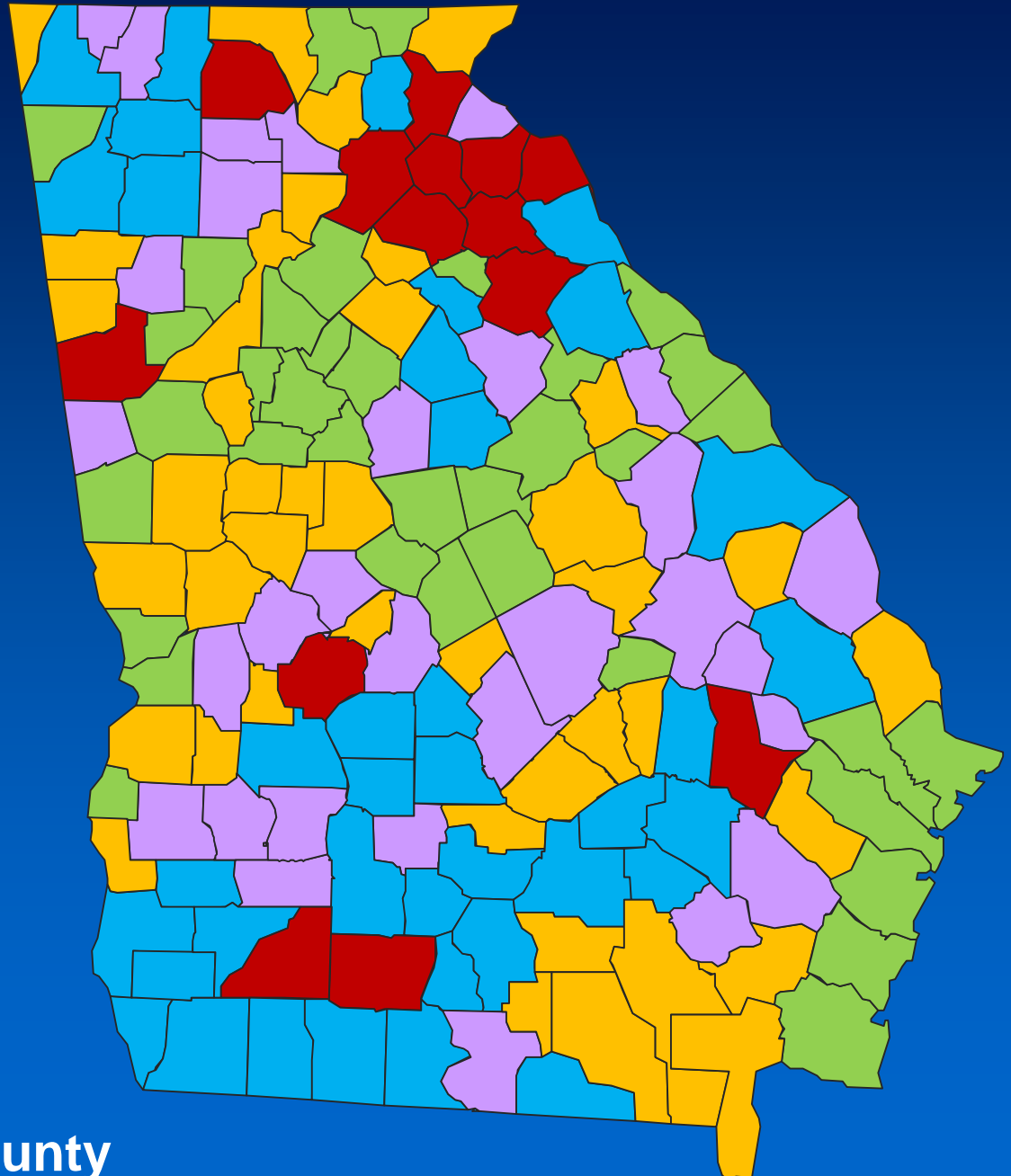


Agriculture in Georgia

- Georgia's 2010 Farm Gate Value was \$12.0 billion. Adding the value of \$2.2 billion of landscape services increased the total agricultural production value to \$14.2 billion.
- Total food and fiber production and directly related businesses account for a \$68.9 billion *output impact* on Georgia's \$719.8 billion economy.

Production Agriculture: 2010

**Georgia Total
Agricultural
Production
Value
\$14.2 Billion**



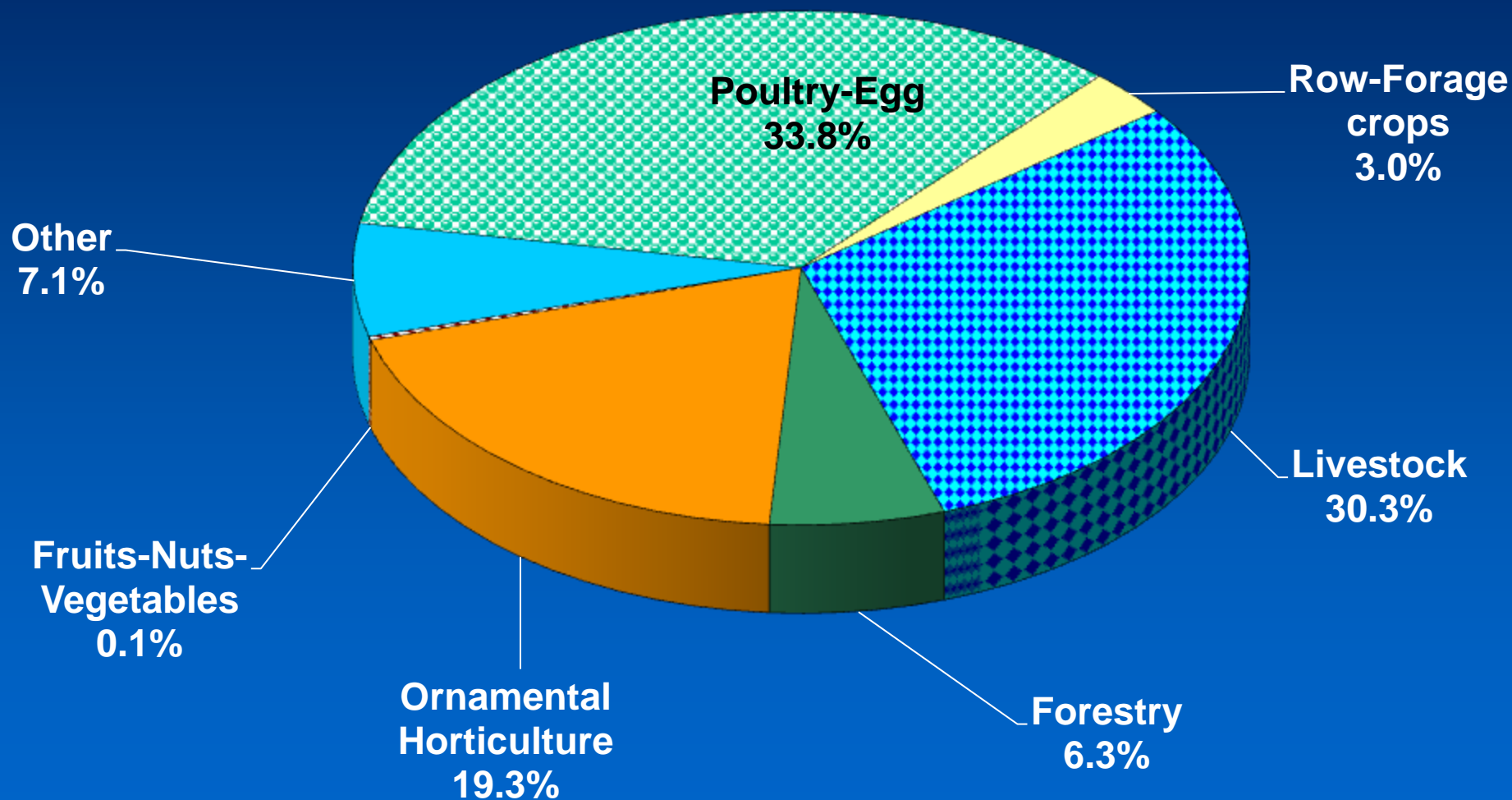
**2010 Farm Gate Value by County
in Millions of Dollars**

What We Know about Jasper County

- **2010 Farm Gate Value in Jasper Co. was \$68.7 million. Adding \$1.0 million of landscape services increased the total agricultural production value to \$69.7 million.**
- **The highest value commodity group was poultry and egg , representing 33.8% of the total agricultural production value.**

Jasper County

2010 Agricultural Production Value



What We Did

County Economy Modeled

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

Jasper County Economy

Agriculture *OUTPUT*

	Output in \$	Percent
Agriculture	69,738,596	16.26%
Mining	303,140	0.07%
Construction	33,941,432	7.91%
Manufacturing	92,180,040	21.49%
Trans-Utilities-Info	13,846,469	3.23%
Trade	24,830,525	5.79%
Finance-Ins-RE	90,286,876	21.05%
Services	63,839,042	14.88%
Govt. & non-NAICS	39,920,465	9.31%

Total County Economic Output = \$428.9 million

Jasper County Economy

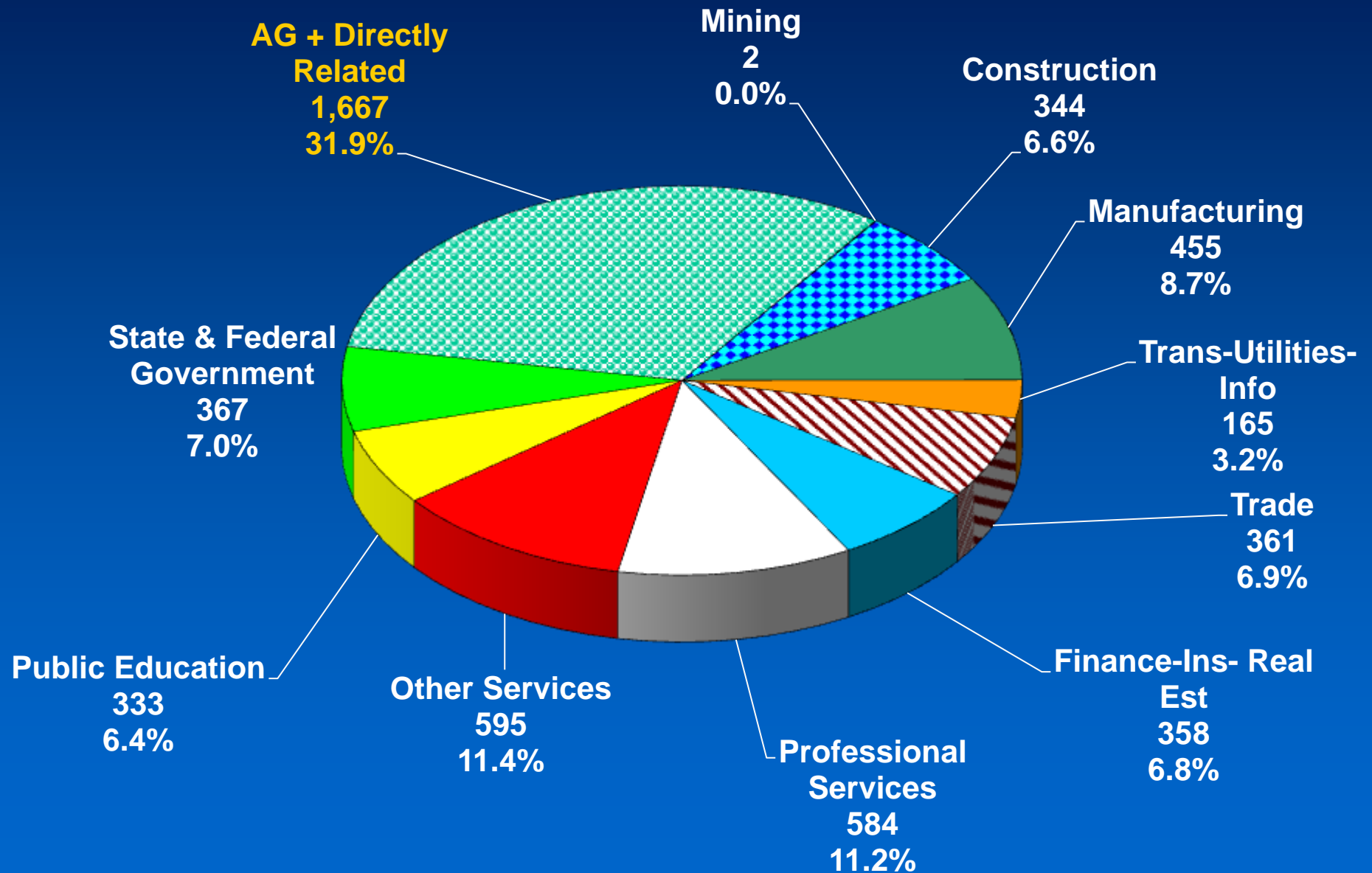
Agriculture + Directly Related Businesses *OUTPUT*

	Output in \$	Percent
Agriculture + Direct	73,389,358	17.11%
Mining	303,140	0.07%
Construction	33,941,432	7.91%
Manufacturing	88,529,278	20.64%
Trans-Utilities-Info	13,846,469	3.23%
Trade	24,830,525	5.79%
Finance-Ins-Real Est	90,286,876	21.05%
Services	63,839,042	14.88%
Govt. & non-NAICS	39,920,465	9.31%

Total County Economic Output = \$ 428.9 million

Jasper County Employment

Total Jobs = 5,231



Primary data source: Center for Agribusiness & Economic Development, UGA

An Economic Snapshot of Jasper County

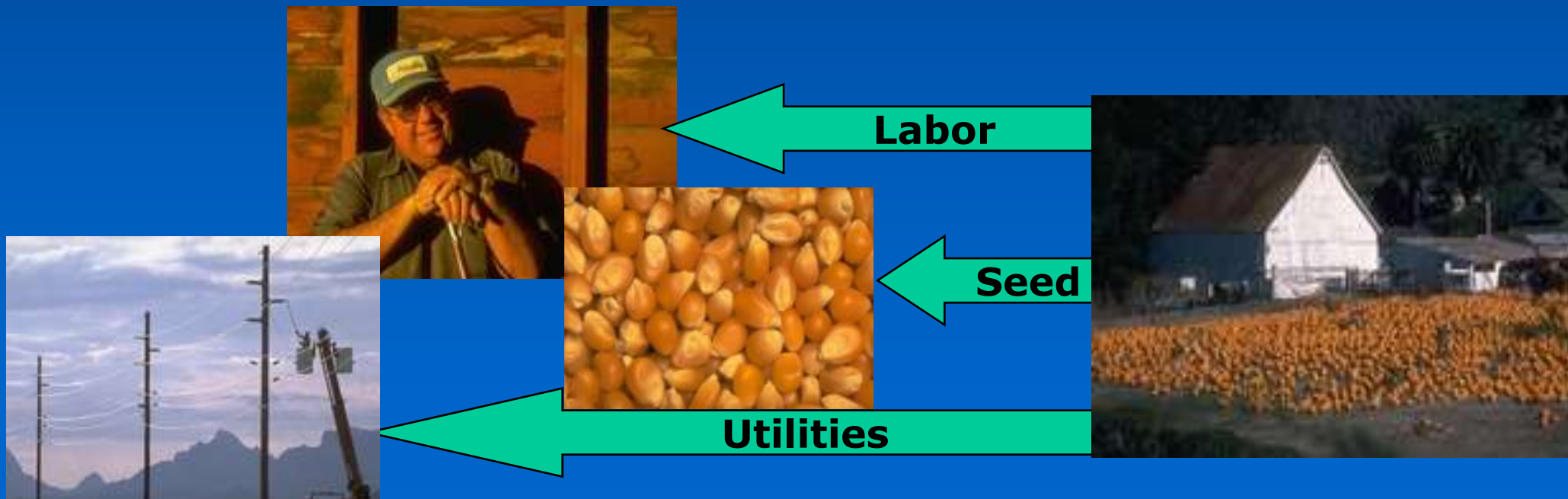
- **How much of Jasper County's total economic output comes from food and fiber production?**
- **AG value alone of \$69.7 million consisting of Farm Gate Value and landscape services comprises 16.3% of the county's economy.**
- **AG plus directly related businesses (ex. Ag Support Services, Processing, etc.) comprise 17.1% of the county's economy.**

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.



Jasper County

Agriculture *IMPACT*

	Direct \$	Indirect \$
Agriculture	69,738,596	0
Mining	0	10
Construction	0	625,256
Manufacturing	0	52,689
Trans-Utilities-Info	0	1,218,308
Trade	0	1,710,822
Finance-Ins-Real Est	0	9,198,592
Services	0	4,148,640
Govt. & non-NAICS	0	678,596
Total	69,738,596	17,632,913

Total Impact of Production AG = \$87.4 million
20.4% of total economy

Jasper County

Production Agriculture + Directly Related Businesses *IMPACT*

	Direct \$	Indirect \$
Agriculture + Direct	73,389,358	0
Mining	0	10
Construction	0	658,326
Manufacturing	0	134,210
Trans-Utilities-Info	0	1,310,364
Trade	0	1,794,925
Finance-Ins-Real Est	0	9,498,614
Services	0	4,363,633
Govt. & non-NAICS	0	704,632
Total	73,389,358	18,464,714

Total Impact of AG + Directly Related = \$91.9 million
21.4% of total economy

Jasper County

Production Agriculture + Directly Related Industries Employment *IMPACT*

	Direct	Indirect
Agriculture + Direct	1,667	0
Mining	0	0
Construction	0	8
Manufacturing	0	1
Trans-Utilities-Info	0	15
Trade	0	26
Finance-Ins-Real Est	0	42
Services	0	83
Govt. & non-NAICS	0	3

Total Impact of AG + Directly Related Employment = 1,846 Jobs
35.3% of total employment

What These Numbers Mean:

A Brief Explanation

- ***Direct*** impact is \$73.4 million. This includes food and fiber production, processing and directly related manufacturing.
- ***Indirect*** impact from related sectors is \$18.5 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.**

Jasper County Food and Fiber Impact Conclusions

- The total *impact* of food and fiber production, processing and direct manufacturing is \$91.9 million.
- The total county *output* is \$428.9 million.
- Thus, food and fiber (directly and indirectly) account for 21.4% of the total county output, considering the multiplier effects.

Contact Information

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Center for Agribusiness & Economic Development

Dr. Kent Wolfe, Director

*“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 “Resources”, then
“Georgia Statistics System”*

**Ag Profile Report
AP#1204**

