Primary data sources: U.S. Census Bureau, decennial censuses & estimate; CAED (Center for Agribusiness & Economic Development); OPB (State Office of Planning & Budget).
Population Change: 2000-2004

<table>
<thead>
<tr>
<th>Loss Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 4.3%</td>
<td></td>
</tr>
<tr>
<td>4.3 – 7.8%</td>
<td></td>
</tr>
<tr>
<td>7.8 – 15.7%</td>
<td></td>
</tr>
<tr>
<td>15.7 – 34%</td>
<td></td>
</tr>
</tbody>
</table>

GA = 7.8%
US = 4.3%

Primary data source: U.S. Census Bureau
Percent of Land in Cropland & Forestland: 2002

- 23 – 40%
- 40 – 55%
- 55 – 70%
- 70 – 85%
- 85% or more

GA Total = 78.5%
GA Avg. Co. = 77.3%
Metro Avg. Co. = 70.7%
Nonmetro Avg. Co. = 82.6%

Putnam Co. 85.6%

Primary data sources:
U.S. Census of Agriculture, 2002
Forest Statistics for Georgia, 1997
Components of 2004 Property Tax Gross Digest
Putnam County

Ag-Preferential-Env-Conserv 7.7%
Commercial 8.0%
Industrial 3.0%
Public Utility 10.4%
Motor Vehicle 5.8%
Mobile Home 0.8%
Timber * 0.36%
Heavy Equipment 0.02%
Residential 64.0%

40% Assessment Value of Property
Gross Digest = $998,822,537
STATE Homestead & Property Exemptions = $51,059,087
Net M&O Digest = $947,763,450
Value of Exempt Property = $33,300,473

* Timber taxed at 100% based on previous year sales

Primary data source: GA Dept. of Revenue
## County Property Tax Digest Comparisons: 2004

<table>
<thead>
<tr>
<th>County</th>
<th>% Residential</th>
<th>% Agricultural</th>
<th>% Commercial</th>
<th>% Industrial</th>
<th>% Motor Vehicle</th>
<th>% Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUTNAM</td>
<td>64.0</td>
<td>7.7</td>
<td>8.0</td>
<td>3.0</td>
<td>5.8</td>
<td>11.5</td>
</tr>
<tr>
<td>BALDWIN</td>
<td>52.0</td>
<td>7.9</td>
<td>17.3</td>
<td>5.7</td>
<td>9.4</td>
<td>7.6</td>
</tr>
<tr>
<td>GREENE</td>
<td>65.7</td>
<td>15.4</td>
<td>8.1</td>
<td>3.5</td>
<td>4.1</td>
<td>3.2</td>
</tr>
<tr>
<td>HANCOCK</td>
<td>37.0</td>
<td>35.2</td>
<td>3.4</td>
<td>0.0</td>
<td>4.5</td>
<td>19.9</td>
</tr>
<tr>
<td>JASPER</td>
<td>35.6</td>
<td>41.4</td>
<td>3.8</td>
<td>4.4</td>
<td>6.2</td>
<td>8.6</td>
</tr>
<tr>
<td>JONES</td>
<td>53.7</td>
<td>14.1</td>
<td>9.2</td>
<td>2.3</td>
<td>11.8</td>
<td>8.8</td>
</tr>
<tr>
<td>MORGAN</td>
<td>29.3</td>
<td>47.9</td>
<td>8.7</td>
<td>5.8</td>
<td>5.6</td>
<td>2.8</td>
</tr>
<tr>
<td>Avg. GA Co.</td>
<td>40.6</td>
<td>20.8</td>
<td>13.2</td>
<td>7.9</td>
<td>9.0</td>
<td>8.4</td>
</tr>
</tbody>
</table>

Primary data source: GA Dept. of Revenue
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

- Livestock & Aquaculture: 11.4%
- Vegetables: 6.3%
- Ornamental Horticulture: 5.7%
- Forestry & Products: 5.3%
- Fruits & Nuts: 2.0%
- Other Income: 4.1%
- Row & Forage Crops: 13.4%
- Landscape services: 10.2%
- Poultry & Eggs: 41.5%

2004 Farm Gate Value by County in Millions of Dollars

- $0 - $20
- $20 - $45
- $45 - $80
- $80 - $200
- $200 - $325
2004 Farm Gate Value in Putnam Co. was $88.8 million. Adding $747 thousand of landscape services increased the total agricultural production value to $89.6 million.

The highest value commodity group was livestock/aquaculture, representing 55.8% of the total agricultural production value.
Putnam County
2004 Agricultural Production Value

2004 Agricultural Production
- Livestock-Aquaculture 55.8%
- Forestry 10.0%
- Row-Forage crops 3.6%
- Veges-Fruits-Nuts 0.1%
- Orn Hort 0.5%
- Other Income 4.9%
- Landscape services 0.8%
- Poultry-Eggs 24.2%

2004 Top Farm Gate Commodities
- Dairy 32.1%
- Layers-Table egg 24.4%
- Beef 14.6%
- Horses 9.2%
- Timber 10.1%
- Silage 2.3%
- Hunting leases 2.2%
- Agritourism 2.1%
- Hay 1.2%
- Pork 0.3%
- Rest of commodities 1.5%

Total AG Value = $89.6 million
Trends in Putnam County:
Number of Farms & Average Farm Size

Number of Farms, Putnam County

Average Farm Size

Source: 1945-2002 (quinquennial) Censuses of Agriculture
Trends in Putnam County: Land in Farms & Farms by Size

Land in Farms
Putnam County

Percent of Farms by Size, 2002

Source: 1945-2002 (quinquennial) Censuses of Agriculture
Trends in Putnam County
Number of Farms by Commodity

Source: 1987-2002 (quinquennial) Censuses of Agriculture
How Do We Compare?

Georgia, Putnam 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.
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?
## Putnam County Economy

### Agriculture Output

<table>
<thead>
<tr>
<th>Industry</th>
<th>Output in $ Millions</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>94.201</td>
<td>12.5</td>
</tr>
<tr>
<td>Construction</td>
<td>64.743</td>
<td>8.6</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>167.327</td>
<td>22.2</td>
</tr>
<tr>
<td>Trans-Utilities-Info</td>
<td>125.987</td>
<td>16.7</td>
</tr>
<tr>
<td>Trade</td>
<td>74.241</td>
<td>9.9</td>
</tr>
<tr>
<td>Finance-Ins-RE</td>
<td>44.096</td>
<td>5.9</td>
</tr>
<tr>
<td>Services</td>
<td>89.762</td>
<td>11.9</td>
</tr>
<tr>
<td>Government</td>
<td>93.004</td>
<td>12.3</td>
</tr>
</tbody>
</table>

**Total County Economic Output = $753.4 million**
# Putnam County Economy

## Agriculture + Directly Related Businesses

<table>
<thead>
<tr>
<th>Industry</th>
<th>Output in $ Millions</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture + Direct</td>
<td>99.488</td>
<td>13.2</td>
</tr>
<tr>
<td>Construction</td>
<td>64.743</td>
<td>8.6</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>162.041</td>
<td>21.5</td>
</tr>
<tr>
<td>Trans-Utilities-Info</td>
<td>125.987</td>
<td>16.7</td>
</tr>
<tr>
<td>Trade</td>
<td>74.241</td>
<td>9.9</td>
</tr>
<tr>
<td>Finance-Ins-RE</td>
<td>44.096</td>
<td>5.9</td>
</tr>
<tr>
<td>Services</td>
<td>89.762</td>
<td>11.9</td>
</tr>
<tr>
<td>Government</td>
<td>93.004</td>
<td>12.3</td>
</tr>
</tbody>
</table>

**Total County Economic Output = $753.4 million**
How much of Putnam County’s total economic output comes from food and fiber production?

AG value alone of $94.2 million, consisting of Farm Gate Value and landscape services, comprises 12.5% of the county’s economy.

AG plus directly related businesses (ex. logging, sawmills, etc.) comprise 13.2% of the county’s economy.
Food and Fiber Production, Processing and Direct Manufacturing as % of Total Output

Putnam Co.

13.2%
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.
<table>
<thead>
<tr>
<th>Industry</th>
<th>Direct $ Millions</th>
<th>Indirect $ Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>89.520</td>
<td>13.058</td>
</tr>
<tr>
<td>Construction</td>
<td>0</td>
<td>0.713</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>0</td>
<td>0.496</td>
</tr>
<tr>
<td>Trans-Utilities-Info</td>
<td>0</td>
<td>7.317</td>
</tr>
<tr>
<td>Trade</td>
<td>0</td>
<td>6.676</td>
</tr>
<tr>
<td>Finance-Ins-RE</td>
<td>0</td>
<td>6.924</td>
</tr>
<tr>
<td>Services</td>
<td>0</td>
<td>4.692</td>
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<tr>
<td>Government</td>
<td>0</td>
<td>3.554</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>89.520</strong></td>
<td><strong>43.431</strong></td>
</tr>
</tbody>
</table>

Total Impact of Production AG = $133 million
7.6% of total economy
# Putnam County

## Agriculture and Directly Related Businesses: IMPACT

<table>
<thead>
<tr>
<th>Sector</th>
<th>Direct $ Millions</th>
<th>Indirect $ Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture + Direct</td>
<td>99.488</td>
<td>16.317</td>
</tr>
<tr>
<td>Construction</td>
<td>0</td>
<td>0.738</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>0</td>
<td>0.676</td>
</tr>
<tr>
<td>Trans-Utilities-Info</td>
<td>0</td>
<td>7.840</td>
</tr>
<tr>
<td>Trade</td>
<td>0</td>
<td>7.359</td>
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<tr>
<td>Finance-Ins-RE</td>
<td>0</td>
<td>7.224</td>
</tr>
<tr>
<td>Services</td>
<td>0</td>
<td>5.054</td>
</tr>
<tr>
<td>Government</td>
<td>0</td>
<td>3.874</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>99.488</strong></td>
<td><strong>16.317</strong></td>
</tr>
</tbody>
</table>

**Total Impact of AG + Directly Related = $148.6 million**

19.7% of total economy
## Putnam County
### Production Agriculture + Directly Related Industries
#### Employment Impact

<table>
<thead>
<tr>
<th>Industry</th>
<th>Direct</th>
<th>Indirect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture + Direct</td>
<td>1,087</td>
<td>176</td>
</tr>
<tr>
<td>Construction</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Trans-Utilities-Info</td>
<td>0</td>
<td>49</td>
</tr>
<tr>
<td>Trade</td>
<td>0</td>
<td>159</td>
</tr>
<tr>
<td>Finance-Ins-RE</td>
<td>0</td>
<td>37</td>
</tr>
<tr>
<td>Services</td>
<td>0</td>
<td>94</td>
</tr>
<tr>
<td>Government</td>
<td>0</td>
<td>8</td>
</tr>
</tbody>
</table>

**Total Impact of AG + Directly Related Employment = 1,625 Jobs**
What These Numbers Mean:  
A Brief Explanation

- **Direct** impact is $99.5 million. This includes food and fiber production, processing and directly related manufacturing.

- **Indirect** impact from the Trade sector is $7.4 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.
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.
The total impact of food and fiber production, processing and direct manufacturing is $148.6 million.

The total output is $753.4 million.

Thus, food and fiber (directly and indirectly) account for 19.7% of the total output.
Food and Fiber Production, Processing and Direct Manufacturing Impact as % of Total Output

Putnam Co. 19.7%
Contact Information

Prepared by:
Sue Boatright and Archie Flanders
Center for Agribusiness & Economic Development

“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
#06-05A
February, 2006