

Agriculture is a vital part of the economy, and agricultural activities generate measurable economic contributions. Using the most recently available data, this report presents new estimates of the direct economic contribution of agricultural producers, processors, and agricultural support services to county-level employment, income, and tax revenues. Agricultural activities also stimulate indirect contributions from businesses and other organizations not traditionally thought of as agriculture-related, such as: education, information, and insurance. Additionally, this report considers the induced contributions related to household spending.

Impacts from agricultural sectors on employment in Panola County, Mississippi, 2007

| Type of Impact by Sector | Number of Jobs | % of Region |
|--|----------------|---------------|
| Direct Impact from Ag Sectors: | | |
| <i>Grain Farms</i> | 502 | 3.37% |
| <i>Soybean Farms</i> | 216 | 1.45% |
| <i>Cotton Farms</i> | 213 | 1.43% |
| <i>Food and Fiber Products</i> | 178 | 1.20% |
| <i>Agricultural Services</i> | 104 | 0.70% |
| <i>Other Farms</i> | 66 | 0.44% |
| <i>Wood and Paper Products</i> | 49 | 0.33% |
| <i>Cattfish Farms</i> | <u>2</u> | <u>0.06%</u> |
| Subtotal | 1,337 | 8.99% |
| Indirect plus Induced Impacts on Sectors: | | |
| <i>Retail and Wholesale Trade</i> | 104 | 0.70% |
| <i>Services</i> | 82 | 0.55% |
| <i>Food Services</i> | 40 | 0.27% |
| <i>Construction and Manufacturing</i> | 37 | 0.25% |
| <i>Health Care</i> | 32 | 0.22% |
| <i>Transportation and Warehousing</i> | 30 | 0.20% |
| <i>Real Estate, Finance, and Insurance</i> | 24 | 0.16% |
| <i>Government (non-education and non-military)</i> | 8 | 0.05% |
| <i>Hotels and Entertainment</i> | 6 | 0.04% |
| <i>Education</i> | <u>5</u> | <u>0.03%</u> |
| Subtotal | 368 | 2.47% |
| Total Impact from Ag Sectors | 1,705 | 11.46% |
| Rest of County | <u>13,171</u> | <u>88.54%</u> |
| Total in County | 14,876 | 100.00% |

Employment Impacts

Employment is the annual average number of full-time and part-time jobs in the private and public sectors. This measure represents persons employed for wages as well as self-employed persons. Agricultural activities contributed to total employment an estimated impact of 1,705 jobs or 11.5% of the county's employment. Direct employment was 1,337 jobs or 9% of total employment. An additional 368 jobs were estimated as a result of indirect and induced effects.

Impacts from agricultural sectors on income in Panola County, Mississippi, 2007

| Type of Impact by Sector | Income (\$) | % of Region |
|--|--------------------|---------------|
| Direct Impact from Ag Sectors: | | |
| <i>Food and Fiber Products</i> | 9,410,085 | 1.98% |
| <i>Grain Farms</i> | 2,803,619 | 0.59% |
| <i>Cotton Farms</i> | 2,375,690 | 0.50% |
| <i>Agricultural Services</i> | 2,303,886 | 0.49% |
| <i>Wood and Paper Products</i> | 2,147,155 | 0.45% |
| <i>Other Farms</i> | 1,955,334 | 0.41% |
| <i>Soybean Farms</i> | 1,856,756 | 0.39% |
| <i>Cattfish Farms</i> | <u>17,667</u> | <u>0.00%</u> |
| Subtotal | 22,870,192 | 4.82% |
| Indirect plus Induced Impacts on Sectors: | | |
| <i>Retail and Wholesale Trade</i> | 3,618,637 | 0.76% |
| <i>Services</i> | 2,085,077 | 0.44% |
| <i>Construction and Manufacturing</i> | 1,511,891 | 0.32% |
| <i>Health Care</i> | 1,253,771 | 0.26% |
| <i>Transportation and Warehousing</i> | 869,665 | 0.18% |
| <i>Real Estate, Finance, and Insurance</i> | 864,858 | 0.18% |
| <i>Food Services</i> | 468,932 | 0.10% |
| <i>Government (non-education and non-military)</i> | 450,114 | 0.09% |
| <i>Education</i> | 84,418 | 0.02% |
| <i>Hotels and Entertainment</i> | <u>79,655</u> | <u>0.02%</u> |
| Subtotal | 11,287,018 | 2.38% |
| Total Impact from Ag Sectors | 34,157,210 | 7.19% |
| Rest of County | <u>440,820,790</u> | <u>92.81%</u> |
| Total in County | 474,978,000 | 100.00% |

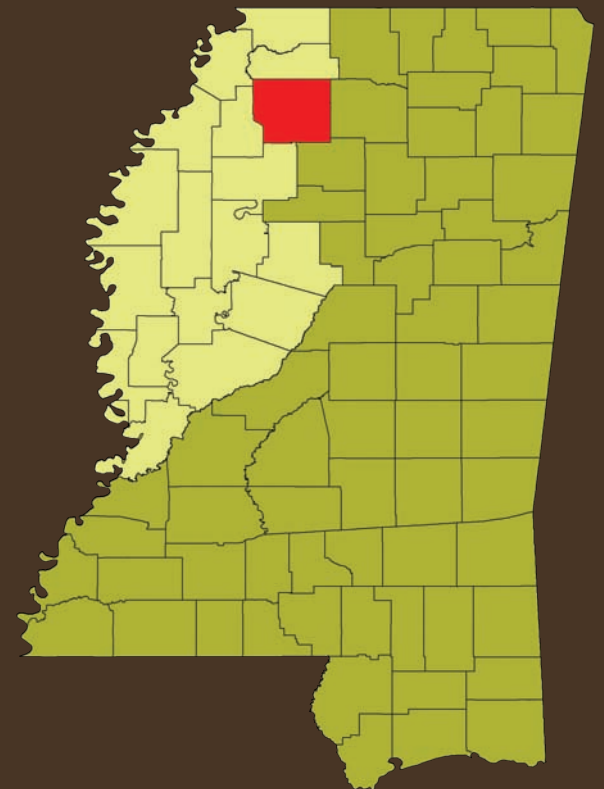
Income Impacts

Labor income is the annual monetary compensation that is paid to employees and self-employed persons, and includes the value of benefits. Agricultural activities contributed an estimated \$34.2 million or 7.2% of the county's total income. Direct income was \$22.9 million or 4.8% of income. An additional \$11.3 million of income were estimated as a result of indirect and induced effects.

Tax Impacts

Agricultural activities contributed an estimated \$13.7 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$7.8 million and the impact on state and local governments was estimated at \$5.8 million.

Panola County



The Economic Impact of Agricultural Production and Processing



Panola Farm Facts - Summary Highlights

| <i>Description</i> | <i>Unit</i> | <i>Value</i> |
|---|-------------|--------------|
| Farms | number | 767 |
| Land in Farms | acres | 269,806 |
| Average Size of Farm | acres | 352 |
| Harvested Cropland | acres | 86,177 |
| Estimated Market Value of Land and Buildings/Farm | dollars | 541,174 |
| Estimated Market Value of Land and Buildings/Acre | dollars | 1,538 |
| Market Value of Ag Products Sold | \$000 | 42,673 |
| Market Value of Ag Products Sold/Farm | dollars | 55,636 |
| Market Value of Ag Products Sold/Acre | dollars | 158 |
| Net Cash Farm Income | \$000 | 8,221 |
| Net Cash Farm Income/Farm | dollars | 10,718 |
| Net Cash Farm Income/Acre | dollars | 30 |

Source: 2007 Census of Agriculture

About this brochure:

Data and estimates developed with IMPLAN® input-output analysis software. For more information visit the Department of Agricultural Economics at <http://www.agecon.msstate.edu> or call 662-325-2750.

December 2009