

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 Carroll County, Mississippi, 2007

| Type of Impact by Sector | Number of Jobs | % of Region |
|--|----------------|---------------|
| Direct Impact from Ag Sectors: | | |
| <i>Grain Farms</i> | 188 | 7.23% |
| <i>Agricultural Services</i> | 123 | 4.73% |
| <i>Cotton Farms</i> | 119 | 4.58% |
| <i>Other Farms</i> | 102 | 3.92% |
| <i>Cattfish Farms</i> | 83 | 3.19% |
| <i>Soybean Farms</i> | 50 | 1.92% |
| <i>Wood and Paper Products</i> | 29 | 1.12% |
| <i>Food and Fiber Products</i> | 0 | 0.00% |
| Subtotal | 694 | 26.69% |
| Indirect plus Induced Impacts on Sectors: | | |
| <i>Services</i> | 17 | 0.65% |
| <i>Real Estate, Finance, and Insurance</i> | 11 | 0.42% |
| <i>Construction and Manufacturing</i> | 10 | 0.38% |
| <i>Retail and Wholesale Trade</i> | 8 | 0.31% |
| <i>Transportation and Warehousing</i> | 6 | 0.23% |
| <i>Education</i> | 5 | 0.19% |
| <i>Government (non-education and non-military)</i> | 4 | 0.15% |
| <i>Food Services</i> | 2 | 0.08% |
| <i>Health Care</i> | 1 | 0.04% |
| <i>Hotels and Entertainment</i> | 1 | 0.04% |
| Subtotal | 65 | 2.50% |
| Total Impact from Ag Sectors | 759 | 29.19% |
| Rest of County | <u>1,841</u> | <u>70.81%</u> |
| Total in County | 2,600 | 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 759 jobs or 29.2% of the county's employment. Direct employment was 694 jobs or 26.7% of total employment. An additional 65 jobs were estimated as a result of indirect and induced effects.

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

| Type of Impact by Sector | Income (\$) | % of Region |
|--|-------------------|---------------|
| Direct Impact from Ag Sectors: | | |
| <i>Agricultural Services</i> | 4,111,815 | 7.37% |
| <i>Other Farms</i> | 1,618,736 | 2.90% |
| <i>Wood and Paper Products</i> | 986,431 | 1.77% |
| <i>Cotton Farms</i> | 803,236 | 1.44% |
| <i>Grain Farms</i> | 670,132 | 1.20% |
| <i>Soybean Farms</i> | 277,021 | 0.50% |
| <i>Cattfish Farms</i> | 94,534 | 0.17% |
| <i>Food and Fiber Products</i> | 0 | 0.00% |
| Subtotal | 8,561,905 | 15.34% |
| Indirect plus Induced Impacts on Sectors: | | |
| <i>Construction and Manufacturing</i> | 271,978 | 0.49% |
| <i>Services</i> | 227,441 | 0.41% |
| <i>Retail and Wholesale Trade</i> | 209,580 | 0.38% |
| <i>Real Estate, Finance, and Insurance</i> | 191,156 | 0.34% |
| <i>Education</i> | 150,851 | 0.27% |
| <i>Government (non-education and non-military)</i> | 140,736 | 0.25% |
| <i>Transportation and Warehousing</i> | 132,502 | 0.24% |
| <i>Health Care</i> | 35,695 | 0.06% |
| <i>Food Services</i> | 27,942 | 0.05% |
| <i>Hotels and Entertainment</i> | <u>13,402</u> | <u>0.02%</u> |
| Subtotal | 1,401,283 | 2.51% |
| Total Impact from Ag Sectors | 9,963,188 | 17.85% |
| Rest of County | <u>45,841,812</u> | <u>82.15%</u> |
| Total in County | 55,805,000 | 100.00% |

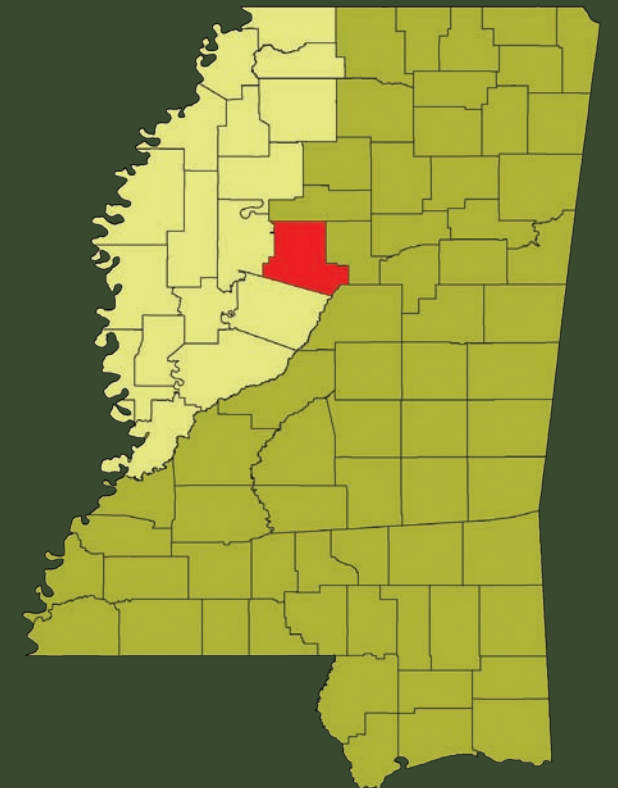
Income Impacts

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 \$9.9 million or 17.8% of the county's total income. Direct income was \$8.5 million or 15.3% of income. An additional \$1.4 million of income were estimated as a result of indirect and induced effects.

Tax Impacts

Agricultural activities contributed an estimated \$4.1 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$2.4 million and the impact on state and local governments was estimated at \$1.7 million.

Carroll County



Carroll Farm Facts - Summary Highlights

| <i>Description</i> | <i>Unit</i> | <i>Value</i> |
|---|-------------|--------------|
| Farms | number | 581 |
| Land in Farms | acres | 190,140 |
| Average Size of Farm | acres | 327 |
| Harvested Cropland | acres | 42,529 |
| Estimated Market Value of Land and Buildings/Farm | dollars | 491,667 |
| Estimated Market Value of Land and Buildings/Acre | dollars | 1,502 |
| Market Value of Ag Products Sold | \$000 | 19,868 |
| Market Value of Ag Products Sold/Farm | dollars | 34,196 |
| Market Value of Ag Products Sold/Acre | dollars | 104 |
| Net Cash Farm Income | \$000 | 1,401 |
| Net Cash Farm Income/Farm | dollars | 2,411 |
| Net Cash Farm Income/Acre | dollars | 7 |

Source: 2007 Census of Agriculture



The Economic
Impact of
Agricultural Production
and Processing

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.

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