



The Economic  
Impact of  
Agricultural Production  
and Processing

Carroll  
County



MISSISSIPPI STATE  
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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
<b>Direct Impact from Ag Sectors:</b>		
<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>Catfish 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%
<b>Indirect plus Induced Impacts on Sectors:</b>		
<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	1,841	70.81%
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
<b>Direct Impact from Ag Sectors:</b>		
<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>Catfish Farms</i>	94,534	0.17%
<i>Food and Fiber Products</i>	0	0.00%
Subtotal	8,561,905	15.34%
<b>Indirect plus Induced Impacts on Sectors:</b>		
<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>	13,402	0.02%
Subtotal	1,401,283	2.51%
Total Impact from Ag Sectors	9,963,188	17.85%
Rest of County	45,841,812	82.15%
Total in County	55,805,000	100.00%

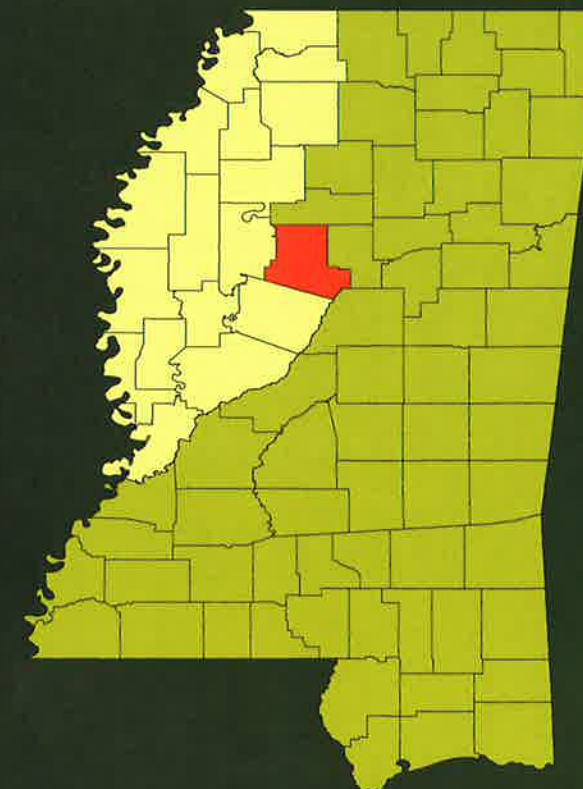
### Income Impacts

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*

#### **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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