

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 Bolivar County, Mississippi, 2007

Type of Impact by Sector	Number of Jobs	% of Region
<b>Direct Impact from Ag Sectors:</b>		
<i>Grain Farms</i>	1,263	7.47%
<i>Soybean Farms</i>	667	3.94%
<i>Agricultural Services</i>	478	2.83%
<i>Cotton Farms</i>	193	1.14%
<i>Cattfish Farms</i>	40	0.24%
<i>Food and Fiber Products</i>	20	0.12%
<i>Other Farms</i>	15	0.09%
<i>Wood and Paper Products</i>	0	0.00%
Subtotal	2,676	15.82%
<b>Indirect plus Induced Impacts on Sectors:</b>		
<i>Retail and Wholesale Trade</i>	141	0.83%
<i>Education</i>	113	0.67%
<i>Services</i>	108	0.64%
<i>Health Care</i>	80	0.47%
<i>Food Services</i>	70	0.41%
<i>Real Estate, Finance, and Insurance</i>	58	0.34%
<i>Government (non-education and non-military)</i>	55	0.33%
<i>Construction and Manufacturing</i>	40	0.24%
<i>Transportation and Warehousing</i>	17	0.10%
<i>Hotels and Entertainment</i>	11	0.07%
Subtotal	693	4.10%
Total Impact from Ag Sectors	3,369	19.92%
Rest of County	13,545	80.08%
Total in County	16,914	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 3,369 jobs or 19.9% of the county's employment. Direct employment was 2,676 jobs or 15.8% of total employment. An additional 693 jobs were estimated as a result of indirect and induced effects.

## Impacts from agricultural sectors on income in Bolivar County, Mississippi, 2007

Type of Impact by Sector	Income (\$)	% of Region
<b>Direct Impact from Ag Sectors:</b>		
<i>Grain Farms</i>	17,895,400	3.01%
<i>Soybean Farms</i>	13,926,862	2.34%
<i>Agricultural Services</i>	12,410,048	2.09%
<i>Cotton Farms</i>	7,702,055	1.30%
<i>Other Farms</i>	2,281,999	0.38%
<i>Food and Fiber Products</i>	1,734,286	0.29%
<i>Cattfish Farms</i>	344,462	0.06%
<i>Wood and Paper Products</i>	0	0.00%
Subtotal	56,295,112	9.47%
<b>Indirect plus Induced Impacts on Sectors:</b>		
<i>Retail and Wholesale Trade</i>	5,421,034	0.91%
<i>Education</i>	3,814,730	0.64%
<i>Health Care</i>	3,166,477	0.53%
<i>Services</i>	2,504,877	0.42%
<i>Government (non-education and non-military)</i>	1,986,850	0.33%
<i>Real Estate, Finance, and Insurance</i>	1,986,389	0.33%
<i>Construction and Manufacturing</i>	1,460,761	0.25%
<i>Food Services</i>	885,640	0.15%
<i>Transportation and Warehousing</i>	567,148	0.10%
<i>Hotels and Entertainment</i>	131,623	0.02%
Subtotal	21,925,529	3.69%
Total Impact from Ag Sectors	78,220,641	13.15%
Rest of County	516,435,359	86.85%
Total in County	594,656,000	100.00%

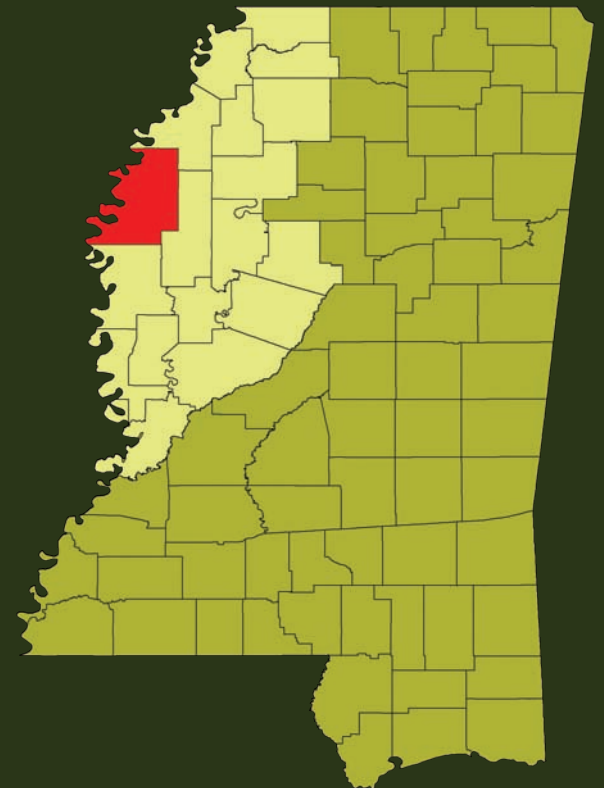
### Income Impacts

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 \$78.2 million or 13.1% of the county's total income. Direct income was \$56.3 million or 9.5% of income. An additional \$21.9 million of income were estimated as a result of indirect and induced effects.

### Tax Impacts

Agricultural activities contributed an estimated \$29.2 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$16.7 million and the impact on state and local governments was estimated at \$12.5 million.

# Bolivar County



### **Bolivar Farm Facts - Summary Highlights**

<i>Description</i>	<i>Unit</i>	<i>Value</i>
Farms	number	430
Land in Farms	acres	428,216
Average Size of Farm	acres	996
Harvested Cropland	acres	377,837
Estimated Market Value of Land and Buildings/Farm	dollars	1,986,180
Estimated Market Value of Land and Buildings/Acre	dollars	1,994
Market Value of Ag Products Sold	\$000	182,863
Market Value of Ag Products Sold/Farm	dollars	425,263
Market Value of Ag Products Sold/Acre	dollars	427
Net Cash Farm Income	\$000	39,470
Net Cash Farm Income/Farm	dollars	91,791
Net Cash Farm Income/Acre	dollars	92

*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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# The Economic Impact of Agricultural Production and Processing