

The Economic
Impact of
Agricultural Production
and Processing

Quitman
County



MISSISSIPPI STATE
UNIVERSITY
Department of Agricultural Economics



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 Quitman County, Mississippi, 2007

Type of Impact by Sector	Number of Jobs	% of Region
Direct Impact from Ag Sectors:		
<i>Grain Farms</i>	336	9.45%
<i>Agricultural Services</i>	196	5.51%
<i>Soybean Farms</i>	181	5.09%
<i>Cotton Farms</i>	105	2.95%
<i>Food and Fiber Products</i>	44	1.24%
<i>Cattfish Farms</i>	34	0.96%
<i>Other Farms</i>	7	0.20%
<i>Wood and Paper Products</i>	0	0.00%
Subtotal	903	25.39%
Indirect plus Induced Impacts on Sectors:		
<i>Retail and Wholesale Trade Services</i>	45	1.27%
<i>Transportation and Warehousing</i>	25	0.70%
<i>Health Care</i>	22	0.62%
<i>Real Estate, Finance, and Insurance</i>	21	0.59%
<i>Construction and Manufacturing</i>	12	0.34%
<i>Food Services</i>	10	0.28%
<i>Hotels and Entertainment</i>	5	0.14%
<i>Government (non-education and non-military)</i>	3	0.08%
<i>Education</i>	2	0.06%
Subtotal	190	5.34%
Total Impact from Ag Sectors	1,093	30.73%
Rest of County	2,464	69.27%
Total in County	3,557	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 1,093 jobs or 30.7% of the county's employment. Direct employment was 903 jobs or 25.4% of total employment. An additional 190 jobs were estimated as a result of indirect and induced effects.

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

Type of Impact by Sector	Income (\$)	% of Region
Direct Impact from Ag Sectors:		
<i>Agricultural Services</i>	4,736,972	5.60%
<i>Grain Farms</i>	3,893,647	4.61%
<i>Soybean Farms</i>	3,172,440	3.75%
<i>Cotton Farms</i>	2,833,448	3.35%
<i>Food and Fiber Products</i>	1,426,991	1.69%
<i>Other Farms</i>	716,849	0.85%
<i>Cattfish Farms</i>	179,048	0.21%
<i>Wood and Paper Products</i>	0	0.00%
Subtotal	16,959,395	20.06%
Indirect plus Induced Impacts on Sectors:		
<i>Retail and Wholesale Trade</i>	1,303,819	1.54%
<i>Health Care</i>	758,730	0.90%
<i>Services</i>	717,248	0.85%
<i>Transportation and Warehousing</i>	701,065	0.83%
<i>Real Estate, Finance, and Insurance</i>	655,010	0.77%
<i>Construction and Manufacturing</i>	555,472	0.66%
<i>Government (non-education and non-military)</i>	153,873	0.18%
<i>Food Services</i>	137,576	0.16%
<i>Hotels and Entertainment</i>	88,096	0.10%
<i>Education</i>	31,778	0.04%
Subtotal	5,102,667	6.04%
Total Impact from Ag Sectors	22,062,062	26.10%
Rest of County	62,478,938	73.90%
Total in County	84,541,000	100.00%

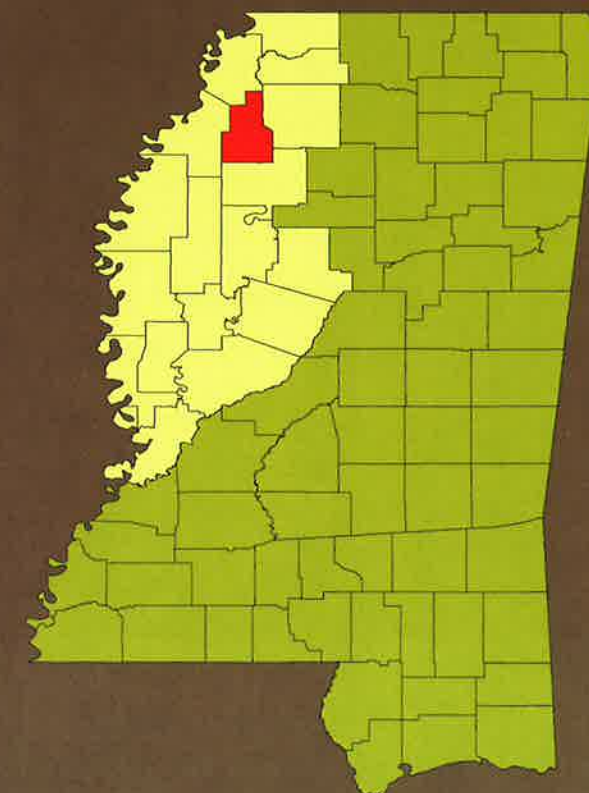
Income Impacts

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 \$22.1 million or 26.1% of the county's total income. Direct income was \$17.0 million or 20.1% of income. An additional \$5.1 million of income were estimated as a result of indirect and induced effects.

Tax Impacts

Agricultural activities contributed an estimated \$10.1 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$5.4 million and the impact on state and local governments was estimated at \$4.7 million.

Quitman County



Quitman Farm Facts - Summary Highlights

<i>Description</i>	<i>Unit</i>	<i>Value</i>
Farms	number	349
Land in Farms	acres	220,363
Average Size of Farm	acres	631
Harvested Cropland	acres	141,031
Estimated Market Value of Land and Buildings/Farm	dollars	977,714
Estimated Market Value of Land and Buildings/Acre	dollars	1,548
Market Value of Ag Products Sold	\$000	52,227
Market Value of Ag Products Sold/Farm	dollars	149,648
Market Value of Ag Products Sold/Acre	dollars	237
Net Cash Farm Income	\$000	13,555
Net Cash Farm Income/Farm	dollars	38,840
Net Cash Farm Income/Acre	dollars	62

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

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