

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 DeSoto County, Mississippi, 2007

Type of Impact by Sector	Number of Jobs	% of Region
<b>Direct Impact from Ag Sectors:</b>		
<i>Wood and Paper Products</i>	564	0.86%
<i>Grain Farms</i>	520	0.79%
<i>Food and Fiber Products</i>	487	0.74%
<i>Soybean Farms</i>	263	0.40%
<i>Agricultural Services</i>	89	0.14%
<i>Cotton Farms</i>	58	0.09%
<i>Other Farms</i>	41	0.06%
<i>Cattfish Farms</i>	40	0.06%
Subtotal	2,062	3.14%
<b>Indirect plus Induced Impacts on Sectors:</b>		
<i>Retail and Wholesale Trade Services</i>	299	0.46%
<i>Construction and Manufacturing</i>	138	0.21%
<i>Food Services</i>	108	0.16%
<i>Transportation and Warehousing</i>	106	0.16%
<i>Education</i>	88	0.13%
<i>Health Care</i>	77	0.12%
<i>Real Estate, Finance, and Insurance</i>	66	0.10%
<i>Government (non-education and non-military)</i>	53	0.08%
<i>Hotels and Entertainment</i>	38	0.06%
Subtotal	1,192	1.82%
<b>Total Impact from Ag Sectors</b>	<b>3,254</b>	<b>4.96%</b>
Rest of County	62,414	95.04%
<b>Total in County</b>	<b>65,668</b>	<b>100.00%</b>

### 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 3,254 jobs or 5% of the county's employment. Direct employment was 2,062 jobs or 3.1% of total employment. An additional 1,192 jobs were estimated as a result of indirect and induced effects.

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

Type of Impact by Sector	Income (\$)	% of Region
<b>Direct Impact from Ag Sectors:</b>		
<i>Wood and Paper Products</i>	26,952,756	1.29%
<i>Food and Fiber Products</i>	21,330,150	1.02%
<i>Grain Farms</i>	3,417,508	0.16%
<i>Agricultural Services</i>	2,703,308	0.13%
<i>Soybean Farms</i>	2,590,369	0.12%
<i>Other Farms</i>	1,939,949	0.09%
<i>Cotton Farms</i>	957,135	0.05%
<i>Cattfish Farms</i>	134,225	0.01%
Subtotal	60,025,400	2.88%
<b>Indirect plus Induced Impacts on Sectors:</b>		
<i>Retail and Wholesale Trade Services</i>	11,281,446	0.54%
<i>Construction and Manufacturing</i>	5,287,983	0.25%
<i>Transportation and Warehousing</i>	4,122,246	0.20%
<i>Health Care</i>	3,967,132	0.19%
<i>Education</i>	3,551,623	0.17%
<i>Government (non-education and non-military)</i>	2,216,235	0.11%
<i>Real Estate, Finance, and Insurance</i>	1,983,891	0.10%
<i>Food Services</i>	1,548,518	0.07%
<i>Hotels and Entertainment</i>	614,133	0.03%
Subtotal	40,271,050	1.93%
<b>Total Impact from Ag Sectors</b>	<b>100,296,450</b>	<b>4.81%</b>
Rest of County	1,986,651,550	95.19%
<b>Total in County</b>	<b>2,086,948,000</b>	<b>100.00%</b>

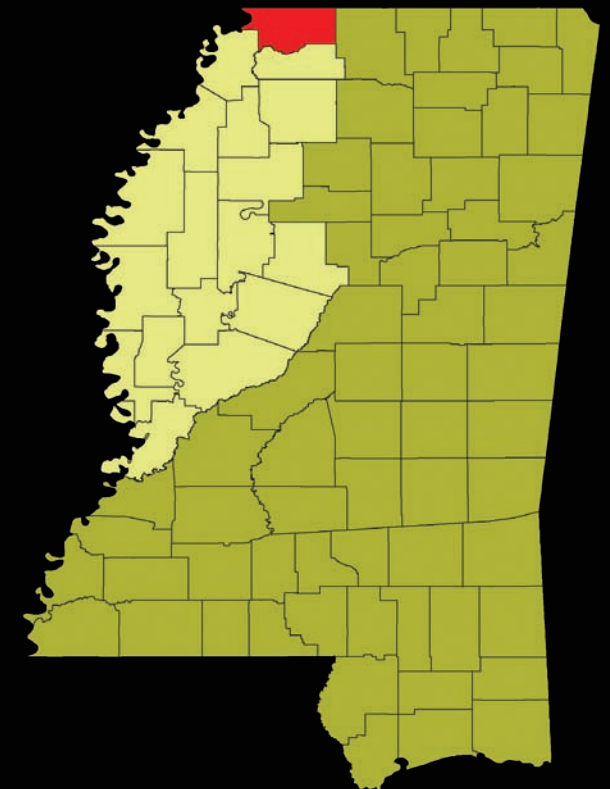
### Income Impacts

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 \$100.3 million or 4.8% of the county's total income. Direct income was \$60 million or 2.9% of income. An additional \$40.3 million of income were estimated as a result of indirect and induced effects.

### Tax Impacts

Agricultural activities contributed an estimated \$37.4 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$23.6 million and the impact on state and local governments was estimated at \$13.8 million.

# DeSoto County



### DeSoto Farm Facts - Summary Highlights


<i>Description</i>	<i>Unit</i>	<i>Value</i>
Farms	number	490
Land in Farms	acres	141,639
Average Size of Farm	acres	289
Harvested Cropland	acres	82,668
Estimated Market Value of Land and Buildings/Farm	dollars	678,017
Estimated Market Value of Land and Buildings/Acre	dollars	2,346
Market Value of Ag Products Sold	\$000	30,314
Market Value of Ag Products Sold/Farm	dollars	61,865
Market Value of Ag Products Sold/Acre	dollars	214
Net Cash Farm Income	\$000	3,636
Net Cash Farm Income/Farm	dollars	7,420
Net Cash Farm Income/Acre	dollars	26

*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*



# The Economic Impact of Agricultural Production and Processing