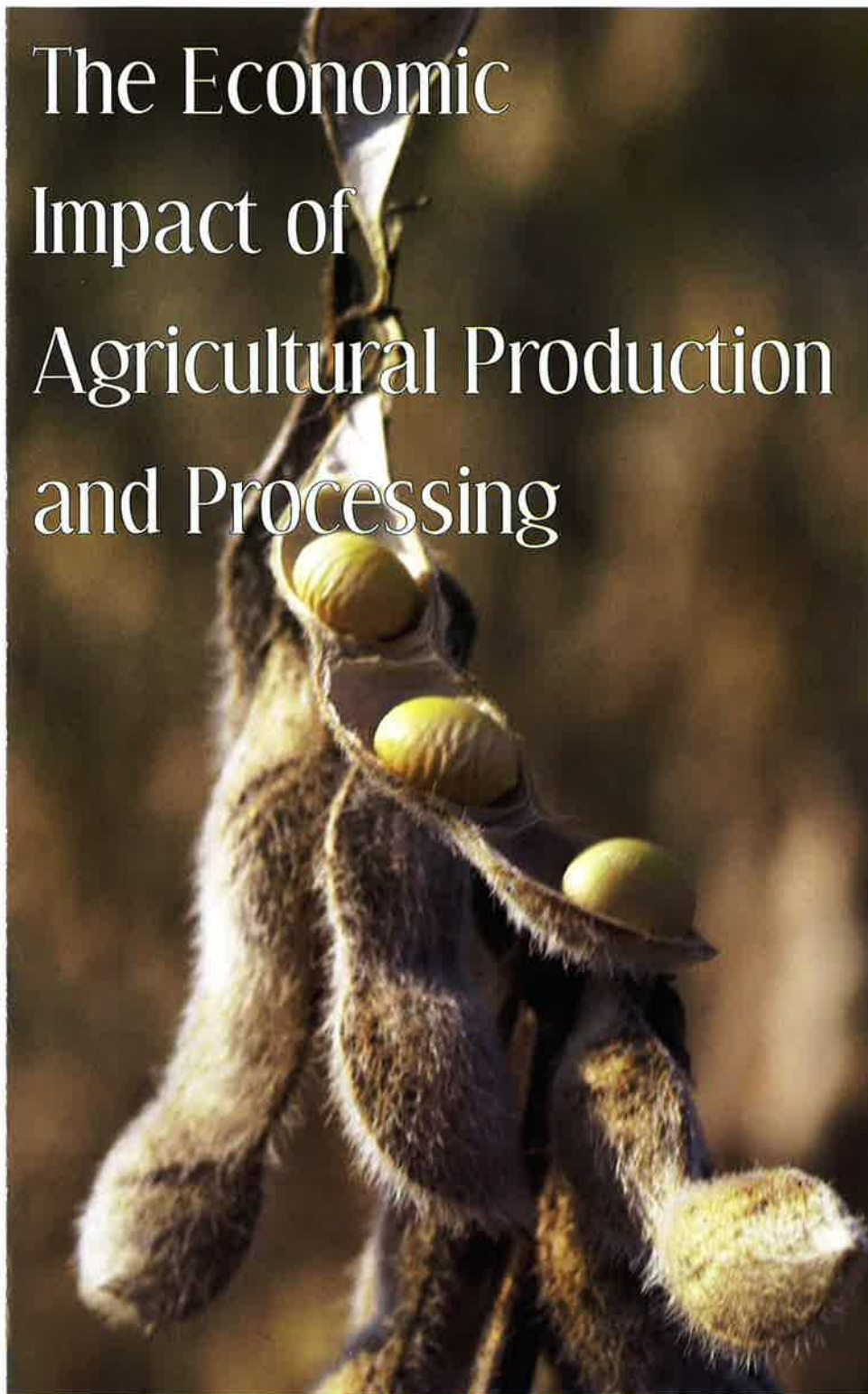


The Economic Impact of Agricultural Production and Processing



Panola 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 Panola County, Mississippi, 2007

Type of Impact by Sector	Number of Jobs	% of Region
Direct Impact from Ag Sectors:		
<i>Grain Farms</i>	502	3.37%
<i>Soybean Farms</i>	216	1.45%
<i>Cotton Farms</i>	213	1.43%
<i>Food and Fiber Products</i>	178	1.20%
<i>Agricultural Services</i>	104	0.70%
<i>Other Farms</i>	66	0.44%
<i>Wood and Paper Products</i>	49	0.33%
<i>Catfish Farms</i>	<u>9</u>	<u>0.06%</u>
Subtotal	1,337	8.99%
Indirect plus Induced Impacts on Sectors:		
<i>Retail and Wholesale Trade</i>	104	0.70%
<i>Services</i>	82	0.55%
<i>Food Services</i>	40	0.27%
<i>Construction and Manufacturing</i>	37	0.25%
<i>Health Care</i>	32	0.22%
<i>Transportation and Warehousing</i>	30	0.20%
<i>Real Estate, Finance, and Insurance</i>	24	0.16%
<i>Government (non-education and non-military)</i>	8	0.05%
<i>Hotels and Entertainment</i>	6	0.04%
<i>Education</i>	<u>5</u>	<u>0.03%</u>
Subtotal	368	2.47%
Total Impact from Ag Sectors	1,705	11.46%
Rest of County	<u>13,171</u>	<u>88.54%</u>
Total in County	14,876	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 1,705 jobs or 11.5% of the county's employment. Direct employment was 1,337 jobs or 9% of total employment. An additional 368 jobs were estimated as a result of indirect and induced effects.

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

Type of Impact by Sector	Income (\$)	% of Region
Direct Impact from Ag Sectors:		
<i>Food and Fiber Products</i>	9,410,085	1.98%
<i>Grain Farms</i>	2,803,619	0.59%
<i>Cotton Farms</i>	2,375,690	0.50%
<i>Agricultural Services</i>	2,303,886	0.49%
<i>Wood and Paper Products</i>	2,147,155	0.45%
<i>Other Farms</i>	1,955,334	0.41%
<i>Soybean Farms</i>	1,856,756	0.39%
<i>Catfish Farms</i>	<u>17,667</u>	<u>0.00%</u>
Subtotal	22,870,192	4.82%
Indirect plus Induced Impacts on Sectors:		
<i>Retail and Wholesale Trade</i>	3,618,637	0.76%
<i>Services</i>	2,085,077	0.44%
<i>Construction and Manufacturing</i>	1,511,891	0.32%
<i>Health Care</i>	1,253,771	0.26%
<i>Transportation and Warehousing</i>	869,665	0.18%
<i>Real Estate, Finance, and Insurance</i>	864,858	0.18%
<i>Food Services</i>	468,932	0.10%
<i>Government (non-education and non-military)</i>	450,114	0.09%
<i>Education</i>	84,418	0.02%
<i>Hotels and Entertainment</i>	<u>79,655</u>	<u>0.02%</u>
Subtotal	11,287,018	2.38%
Total Impact from Ag Sectors	34,157,210	7.19%
Rest of County	<u>440,820,790</u>	<u>92.81%</u>
Total in County	474,978,000	100.00%

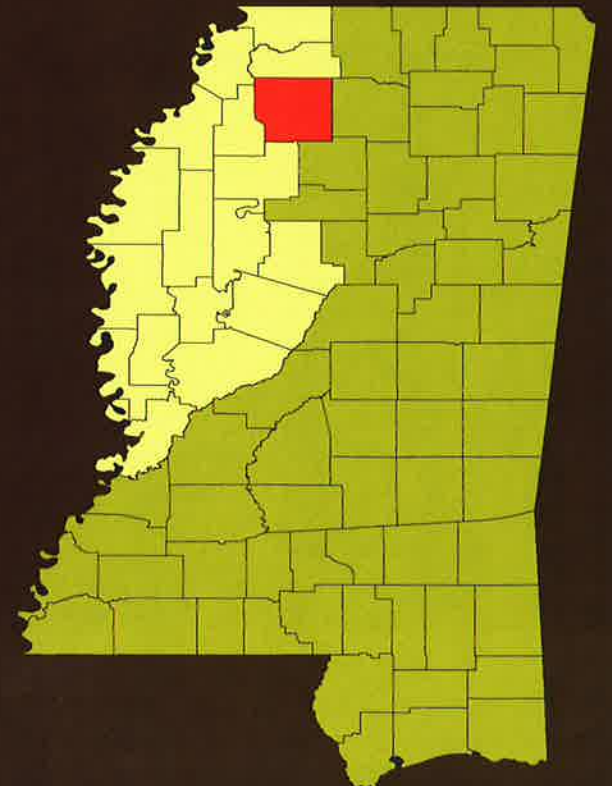
Income Impacts

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 \$34.2 million or 7.2% of the county's total income. Direct income was \$22.9 million or 4.8% of income. An additional \$11.3 million of income were estimated as a result of indirect and induced effects.

Tax Impacts

Agricultural activities contributed an estimated \$13.7 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$7.8 million and the impact on state and local governments was estimated at \$5.8 million.

Panola County



Panola Farm Facts - Summary Highlights

<i>Description</i>	<i>Unit</i>	<i>Value</i>
Farms	number	767
Land in Farms	acres	269,806
Average Size of Farm	acres	352
Harvested Cropland	acres	86,177
Estimated Market Value of Land and Buildings/Farm	dollars	541,174
Estimated Market Value of Land and Buildings/Acre	dollars	1,538
Market Value of Ag Products Sold	\$000	42,673
Market Value of Ag Products Sold/Farm	dollars	55,636
Market Value of Ag Products Sold/Acre	dollars	158
Net Cash Farm Income	\$000	8,221
Net Cash Farm Income/Farm	dollars	10,718
Net Cash Farm Income/Acre	dollars	30

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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