

The Economic
Impact of
Agricultural Production
and Processing

Mississippi
Delta Region



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The importance of agriculture is evident by its contribution to the economy. The most recent data was used to estimate the direct economic contribution of agricultural producers, processors, and agricultural support services to employment, income, and tax revenues. Agricultural activities also stimulate indirect contributions from businesses and organizations not traditionally thought of as agriculture-related, such as: education, information, and insurance. This report also considers the induced contributions made from related household spending.

Impacts from agricultural sectors on employment in the Delta region of Mississippi, 2007

Type of Impact by Sector	Number of Jobs	% of Region
Direct Impact from Ag Sectors:		
<i>Grain Farms</i>	8,996	3.13%
<i>Agricultural Services</i>	6,515	2.27%
<i>Food and Fiber Products</i>	5,012	1.74%
<i>Catfish Farms</i>	4,379	1.52%
<i>Soybean Farms</i>	3,776	1.31%
<i>Cotton Farms</i>	2,460	0.86%
<i>Wood and Paper Products</i>	2,345	0.82%
<i>Other Farms</i>	<u>512</u>	<u>0.18%</u>
Subtotal	33,995	11.82%
Indirect plus Induced Impacts on Sectors:		
<i>Services</i>	4,303	1.50%
<i>Retail and Wholesale Trade</i>	4,170	1.45%
<i>Real Estate, Finance, and Insurance</i>	2,788	0.97%
<i>Construction and Manufacturing</i>	2,363	0.82%
<i>Education</i>	1,704	0.59%
<i>Transportation and Warehousing</i>	1,588	0.55%
<i>Food Services</i>	1,408	0.49%
<i>Health Care</i>	1,330	0.46%
<i>Government (non-education and non-military)</i>	1,274	0.44%
<i>Hotels and Entertainment</i>	<u>616</u>	<u>0.21%</u>
Subtotal	21,544	7.49%
Total Impact from Ag Sectors	55,539	19.31%
Rest of Delta Region	<u>232,061</u>	<u>80.69%</u>
Total in Delta Region	287,600	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 an estimated total employment impact of 55,539 jobs or 19.3% of the region's employment. Direct employment was 33,995 jobs or 11.8% of total employment. An additional 21,544 jobs were estimated as a result of indirect and induced effects.

Impacts from agricultural sectors on income in the Delta region of Mississippi, 2007

Type of Impact by Sector	Income (\$)	% of Region
Direct Impact from Ag Sectors:		
<i>Agricultural Services</i>	183,284,016	2.01%
<i>Food and Fiber Products</i>	166,521,840	1.83%
<i>Wood and Paper Products</i>	121,198,416	1.33%
<i>Grain Farms</i>	113,071,224	1.24%
<i>Soybean Farms</i>	71,582,888	0.79%
<i>Cotton Farms</i>	66,850,292	0.73%
<i>Catfish Farms</i>	27,526,048	0.30%
<i>Other Farms</i>	<u>20,775,244</u>	<u>0.23%</u>
Subtotal	770,809,968	8.45%
Indirect plus Induced Impacts on Sectors:		
<i>Retail and Wholesale Trade</i>	162,674,344	1.78%
<i>Services</i>	113,676,964	1.25%
<i>Construction and Manufacturing</i>	84,360,593	0.93%
<i>Education</i>	64,410,293	0.71%
<i>Government (non-education and non-military)</i>	62,883,517	0.69%
<i>Health Care</i>	61,937,802	0.68%
<i>Transportation and Warehousing</i>	57,494,619	0.63%
<i>Real Estate, Finance, and Insurance</i>	55,989,980	0.61%
<i>Food Services</i>	22,364,000	0.25%
<i>Hotels and Entertainment</i>	<u>15,214,243</u>	<u>0.17%</u>
Subtotal	701,006,355	7.69%
Total Impact from Ag Sectors	1,471,816,323	16.14%
Rest of Delta Region	<u>7,650,057,677</u>	<u>83.87%</u>
Total in Delta Region	9,121,874,000	100.00%

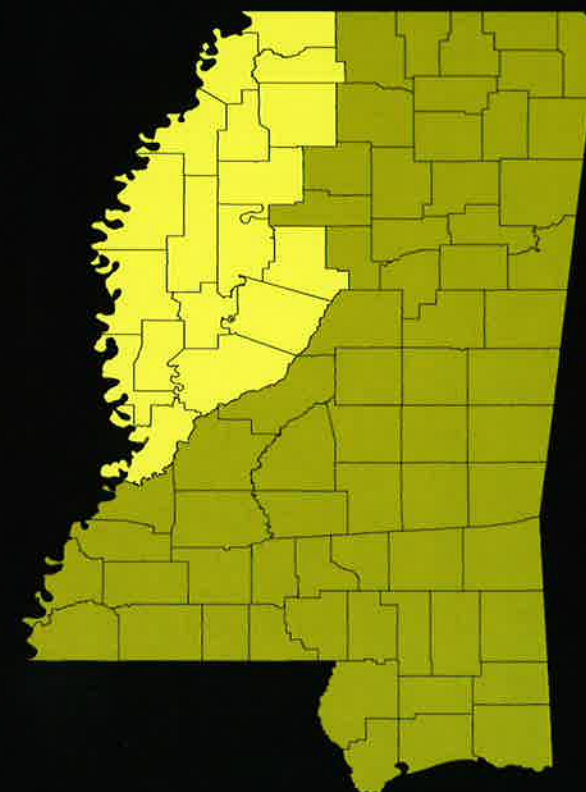
Income Impacts

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 \$1.47 billion or 16.1% of the region's total income. Direct income was \$770.8 million or 8.45% of income. An additional \$701 million of income was estimated as a result of indirect and induced effects.

Tax Impacts

Agricultural activities contributed an estimated \$581 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$331 million and the impact on state and local governments was estimated at \$250 million.

Mississippi Delta Region



Delta Farm Facts - Summary Highlights

<i>Description</i>	<i>Unit</i>	<i>Value</i>
Farms	number	7,036
Land in Farms	acres	4,443,771
Average Size of Farm	acres	632
Harvested Cropland	acres	2,888,290
Estimated Market Value of Land and Buildings/Farm	dollars	1,098,866
Estimated Market Value of Land and Buildings/Acre	dollars	1,740
Market Value of Ag Products Sold	\$000	1,518,974
Market Value of Ag Products Sold/Farm	dollars	215,886
Market Value of Ag Products Sold/Acre	dollars	342
Net Cash Farm Income	\$000	310,392
Net Cash Farm Income/Farm	dollars	44,115
Net Cash Farm Income/Acre	dollars	70

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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