

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 Sunflower County, Mississippi, 2007

Type of Impact by Sector	Number of Jobs	% of Region
Direct Impact from Ag Sectors:		
<i>Cattfish Farms</i>	1,018	7.07%
<i>Food and Fiber Products</i>	888	6.17%
<i>Agricultural Services</i>	709	4.92%
<i>Grain Farms</i>	693	4.81%
<i>Soybean Farms</i>	297	2.06%
<i>Cotton Farms</i>	106	0.74%
<i>Wood and Paper Products</i>	11	0.08%
<i>Other Farms</i>	<u>4</u>	<u>0.03%</u>
Subtotal	3,726	25.87%
Indirect plus Induced Impacts on Sectors:		
<i>Retail and Wholesale Trade</i>	294	2.04%
<i>Services</i>	224	1.56%
<i>Education</i>	182	1.26%
<i>Government (non-education and non-military)</i>	133	0.92%
<i>Transportation and Warehousing</i>	129	0.90%
<i>Food Services</i>	78	0.54%
<i>Real Estate, Finance, and Insurance</i>	73	0.51%
<i>Health Care</i>	53	0.37%
<i>Construction and Manufacturing</i>	33	0.23%
<i>Hotels and Entertainment</i>	<u>12</u>	<u>0.08%</u>
Subtotal	1,211	8.41%
Total Impact from Ag Sectors	4,937	34.27%
Rest of County	<u>9,468</u>	<u>65.73%</u>
Total in County	14,405	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 4,937 jobs or 34.3% of the county's employment. Direct employment was 3,726 jobs or 25.9% of total employment. An additional 1,211 jobs were estimated as a result of indirect and induced effects.

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

Type of Impact by Sector	Income (\$)	% of Region
Direct Impact from Ag Sectors:		
<i>Food and Fiber Products</i>	25,877,856	6.20%
<i>Agricultural Services</i>	17,078,464	4.09%
<i>Grain Farms</i>	12,476,983	2.99%
<i>Soybean Farms</i>	8,135,744	1.95%
<i>Cattfish Farms</i>	7,729,460	1.85%
<i>Cotton Farms</i>	4,239,628	1.02%
<i>Other Farms</i>	589,720	0.14%
<i>Wood and Paper Products</i>	<u>285,557</u>	<u>0.07%</u>
Subtotal	76,413,412	18.31%
Indirect plus Induced Impacts on Sectors:		
<i>Retail and Wholesale Trade</i>	9,516,042	2.28%
<i>Education</i>	7,235,422	1.73%
<i>Services</i>	6,536,858	1.57%
<i>Government (non-education and non-military)</i>	5,334,020	1.28%
<i>Transportation and Warehousing</i>	4,672,008	1.12%
<i>Real Estate, Finance, and Insurance</i>	2,553,938	0.61%
<i>Health Care</i>	1,697,711	0.41%
<i>Construction and Manufacturing</i>	1,306,994	0.31%
<i>Food Services</i>	1,099,009	0.26%
<i>Hotels and Entertainment</i>	<u>169,528</u>	<u>0.04%</u>
Subtotal	40,121,530	9.61%
Total Impact from Ag Sectors	116,534,942	27.92%
Rest of County	<u>300,804,058</u>	<u>72.08%</u>
Total in County	417,339,000	100.00%

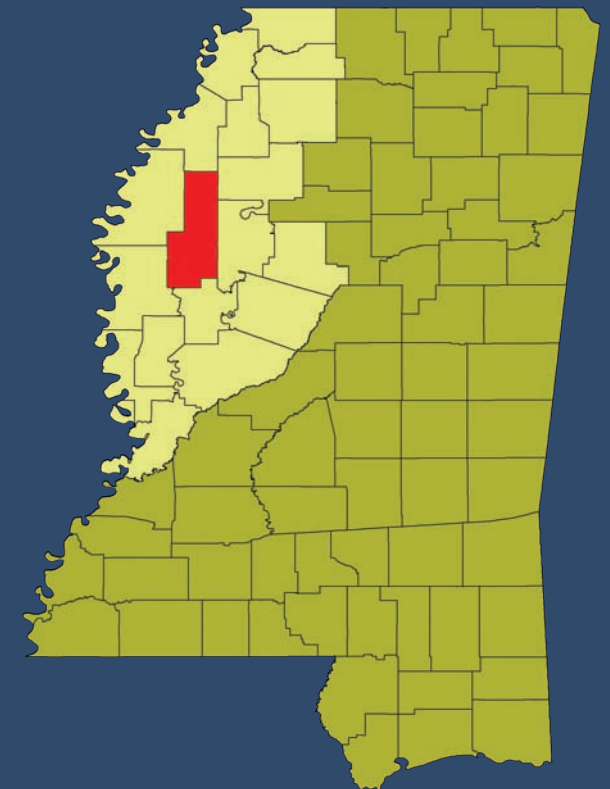
Income Impacts

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 \$116.5 million or 27.9% of the county's total income. Direct income was \$76.4 million or 18.3% of income. An additional \$40.1 million of income were estimated as a result of indirect and induced effects.

Tax Impacts

Agricultural activities contributed an estimated \$41.1 million of tax revenues for federal, state, and local governments. The federal tax revenue impact was estimated at \$23.1 million and the impact on state and local governments was estimated at \$18.0 million.

Sunflower County



The Economic Impact of Agricultural Production and Processing



Sunflower Farm Facts - Summary Highlights

<i>Description</i>	<i>Unit</i>	<i>Value</i>
Farms	number	370
Land in Farms	acres	377,591
Average Size of Farm	acres	1,021
Harvested Cropland	acres	307,806
Estimated Market Value of Land and Buildings/Farm	dollars	1,776,934
Estimated Market Value of Land and Buildings/Acre	dollars	1,741
Market Value of Ag Products Sold	\$000	190,158
Market Value of Ag Products Sold/Farm	dollars	513,941
Market Value of Ag Products Sold/Acre	dollars	504
Net Cash Farm Income	\$000	43,040
Net Cash Farm Income/Farm	dollars	116,324
Net Cash Farm Income/Acre	dollars	114

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