

Economic Contribution of Agricultural Sales

George County, MS (2022)

extension.msstate.edu/economic-profiles

Prepared by

Alan Barefield, Ph.D.

Devon Mills, Ph.D.

Sabhyata Lamichhane, Ph.D.

Abigail G. Lucas, Student Assistant

Department of Agricultural Economics

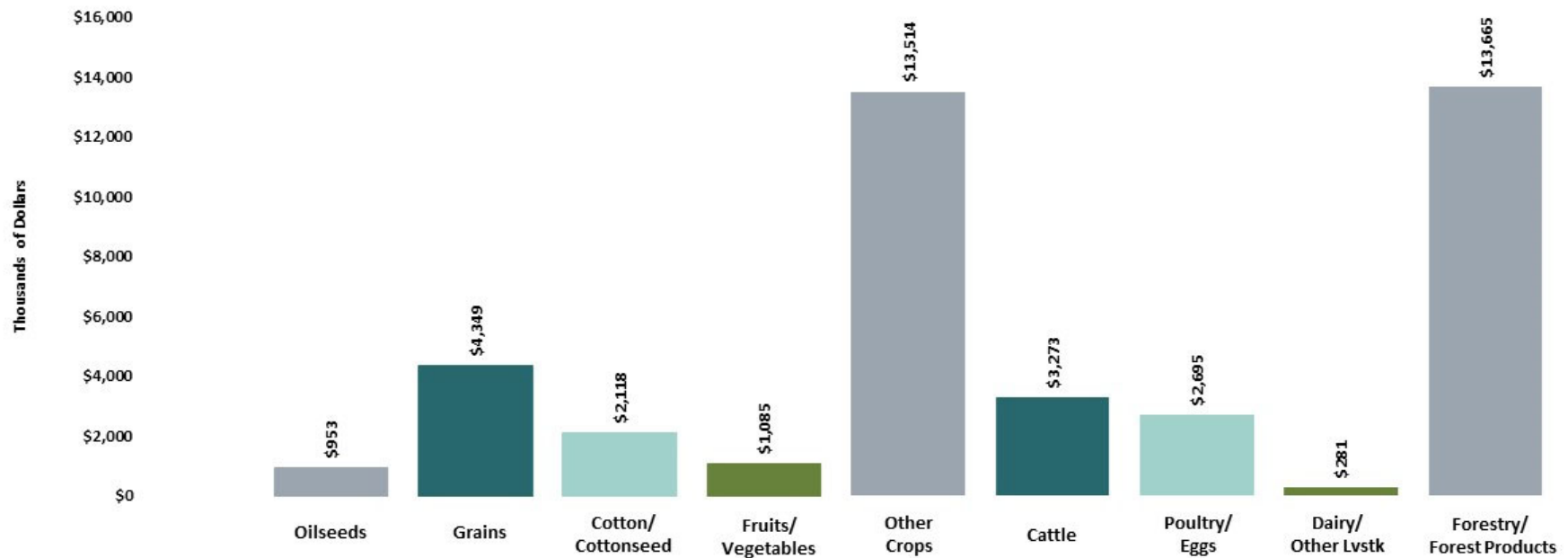


MISSISSIPPI STATE
UNIVERSITY

EXTENSION

Commodity Cash Receipts from Marketings

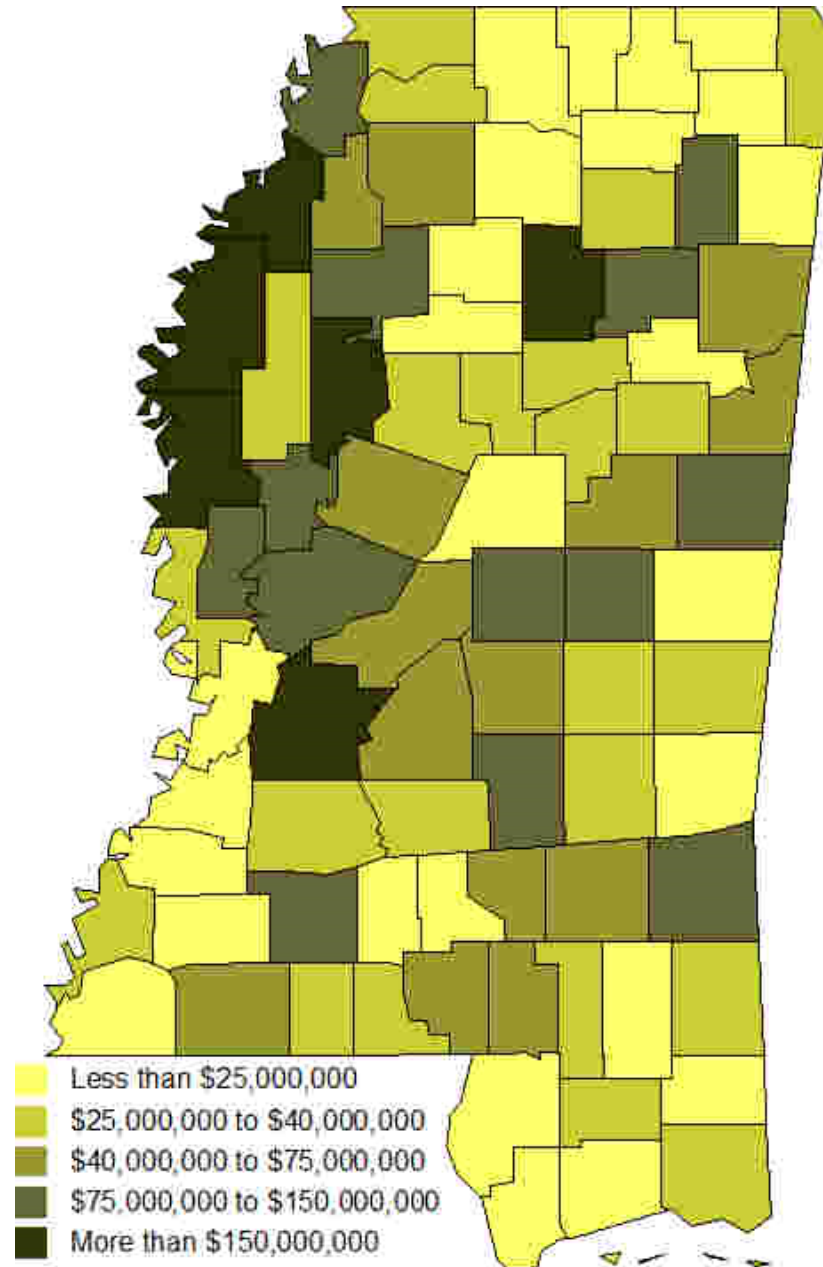
George County



Sales denoted in thousands of dollars

Source: 2021 IMPLAN Dataset

Total Value Added Attributable to Agricultural Production



State Ranking of County Sales

Commodity

Ranking

Oilseeds

53

Grains

27

Cotton/Cottonseed

39

Fruits/Vegetables

19

Other Crops

1

Cattle

37

Poultry/Eggs

38

Other Livestock/Dairy

65

Economic Impacts	Employment	Labor Income	Value Added	Industry Sales
Direct Effect	642.2	\$6,097,805	\$16,146,425	\$40,868,435
Indirect Effect	166.1	\$4,519,739	\$6,544,789	\$13,334,519
Induced Effect	19.5	\$582,088	\$1,659,000	\$3,113,772
Total Effect	827.9	\$11,199,632	\$24,350,214	\$57,316,726

Employment denotes number of annual jobs.

Direct Effects—represent the initial change to industries considered relevant to the production agriculture and short rotation woody crops sectors.

Indirect Effects—represent changes in inter-industry transactions when supplying industries respond to demand changes from directly affected industries (the direct effects above).

Induced Effects—represent changes in local spending that result from income changes in the affected industry sectors.

Employment—annual average of monthly jobs in the industry. A job can be either part-time or full-time, and a person can hold more than one job (the employment or job count is not necessarily the same as the count of employed persons).

Labor Income—all employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added—represents the difference between an industry's total output and the cost of its intermediate inputs. Intermediate inputs are calculated as gross output (sales or receipts plus other operating income plus inventory change) minus intermediate inputs (consumption of goods and services purchased from other industries or imported).

Output—represents the value of production (sales) by an industry in a calendar year.

Economic Impacts	Employment	Labor Income	Value Added	Industry Sales
-------------------------	-------------------	---------------------	--------------------	-----------------------

Macro Industry Total Effects

Agriculture	773.3	\$9,329,453	\$20,016,269	\$46,483,463
Construction	1.2	\$35,555	\$42,979	\$215,095
*TIPU	1.0	\$71,386	\$293,170	\$808,632
Manufacturing	0.3	\$21,585	\$43,846	\$481,267
Trade	15.9	\$599,887	\$1,487,680	\$3,673,845
Service	35.6	\$1,097,109	\$2,416,272	\$5,558,260
Government	0.6	\$44,513	\$48,350	\$62,232

**TIPU is Transportation, Infrastructure, and Public Utilities*

Industries Most Impacted by Agricultural Output	Employ- ment	Labor Income	Value- Added	Industry Sales
Support activities for agriculture and forestry	104.5	\$3,218,418	\$3,270,080	\$3,808,808
Wholesale-Other nondurable goods merch whlsale	7.7	\$308,174	\$842,287	\$2,328,188
Other real estate	7.3	\$143,972	\$321,040	\$1,240,769
Truck transportation	4.0	\$165,370	\$211,080	\$693,711
Owner-occupied dwellings	0.0	\$0	\$566,347	\$683,487

Economic Metrics by Commodity

Commodity	Employ	Labor Income	Value Added	Output
Oilseeds	5	-\$87,667	\$558,118	\$959,322
Grains	38	-\$95,254	\$648,072	\$4,635,075
Cotton/ Cottonseed	30	\$244,795	\$804,980	\$2,172,832
Fruits/Vegetables	14	-\$40,594	\$661,902	\$940,484
Other Crops	352	\$409,717	\$4,899,017	\$7,632,305
Cattle	29	-\$408,043	\$943,139	\$3,316,308
Poultry/Eggs	10	\$58,768	\$185,284	\$2,722,729
Other Lvstk/Dairy	7	-\$22,323	\$217,125	\$0
Forestry/Logging	160	\$6,038,406	\$7,228,788	\$13,755,843
Total	645	\$6,097,805	\$16,146,425	\$36,134,898

Estimated Local Tax Impacts Attributable to Agricultural Production Sectors

Description	Employ Comp	Taxes on Production and Imports	Households	Corporations
Social Insurance	\$0			
TOPI: Sales Tax		\$1,951		
TOPI: Property Tax		\$210,093		
Corp Profits Tax				\$0
Personal Taxes			\$5,683	
Total Local Taxes	\$0	\$212,044	\$5,683	\$0

Estimated State Tax Impacts Attributable to Agricultural Production Sectors

Description	Employ Comp	Taxes on Production and Imports	Households	Corporations
Social Insurance	\$972			
TOPI: Sales Tax		\$406,330		
TOPI: Other Tax		\$38,334		
Corp Profits Tax				\$205,900
Personal Taxes			\$164,062	
Total Local Taxes	\$972	\$444,664	\$164,062	\$205,900

Top 10 Counties by Commodity Groups (ranked by output)

Oilseeds

County	Sales
Bolivar	\$240,163,663
Washington	\$239,176,774
Sunflower	\$213,722,814
Leflore	\$117,885,809
Tallahatchie	\$92,013,781
Coahoma	\$90,938,087
Sharkey	\$84,022,313
Tunica	\$65,369,338
Humphreys	\$55,495,788
Quitman	\$49,493,639

Grains

County	Sales
Washington	\$77,921,470
Yazoo	\$63,350,792
Bolivar	\$61,696,149
Leflore	\$61,386,474
Sunflower	\$60,133,255
Tallahatchie	\$51,829,443
Tunica	\$39,820,480
Coahoma	\$36,389,685
Noxubee	\$35,322,616
Sharkey	\$30,337,322

Fruits/Vegetables/Nuts

County	Sales
Coahoma	\$35,356,689
Chickasaw	\$21,866,454
Webster	\$6,839,526
Yalobusha	\$4,798,438
Pearl River	\$3,155,904
Wayne	\$3,114,100
Lamar	\$2,698,357
Tate	\$2,251,666
Forrest	\$2,190,355
Greene	\$2,113,413

Top 10 Counties by Commodity Groups (ranked by output)

Cotton/Cottonseed

County	Sales
Coahoma	\$84,316,304
Tallahatchie	\$48,448,510
Holmes	\$44,646,899
Leflore	\$42,187,990
Yazoo	\$29,232,943
Noxubee	\$26,778,103
Panola	\$26,769,965
Humphreys	\$23,399,646
Quitman	\$22,789,327
Tunica	\$20,995,375

Other Crops

County	Sales
George	\$13,513,934
Neshoba	\$9,939,933
Tate	\$9,735,152
Monroe	\$8,031,006
Holmes	\$7,996,082
Yazoo	\$7,981,424
Hinds	\$7,891,189
Pearl River	\$6,999,928
Panola	\$5,770,916
Carroll	\$5,639,727

Cattle and Calves

County	Sales
Covington	\$14,838,022
Scott	\$7,969,301
Lincoln	\$7,839,444
Jones	\$6,970,045
Tate	\$6,946,170
Walthall	\$6,793,894
Simpson	\$6,268,061
Pearl River	\$6,208,374
Neshoba	\$5,985,055
Marshall	\$5,979,814

Top 10 Counties by Commodity Groups (ranked by output)

Poultry and Eggs

County	Sales
Leake	\$405,106,025
Neshoba	\$317,620,337
Jones	\$300,141,607
Jasper	\$284,358,381
Smith	\$282,518,612
Covington	\$263,079,398
Wayne	\$257,859,056
Scott	\$213,262,154
Simpson	\$189,551,395
Newton	\$132,506,170

Other Animal Production*

County	Sales
Leflore	\$111,659,471
Noxubee	\$60,028,564
Sunflower	\$50,872,841
Chickasaw	\$42,223,630
Humphreys	\$38,383,491
Coahoma	\$23,125,350
Lowndes	\$19,231,266
Calhoun	\$18,177,748
Monroe	\$14,988,461
Rankin	\$9,532,200

Forestry and Forest Products

County	Sales
Hinds	\$154,921,242
Neshoba	\$82,276,301
Lincoln	\$63,558,829
Stone	\$49,257,258
Smith	\$45,725,865
Amite	\$42,216,494
Franklin	\$33,454,247
Yazoo	\$32,532,181
Tishomingo	\$28,803,843
Leake	\$28,585,873

**Other Animal Production includes: milk from cows; hogs and pigs; sheep, goats, wool, mohair, and milk; horses, ponies, mules, burros, and donkeys; aquaculture; and other animals and other animal products.*