

# FY2019 County Economics Profile

*Panola County, MS*

*[extension.msstate.edu/economic-profiles](http://extension.msstate.edu/economic-profiles)*

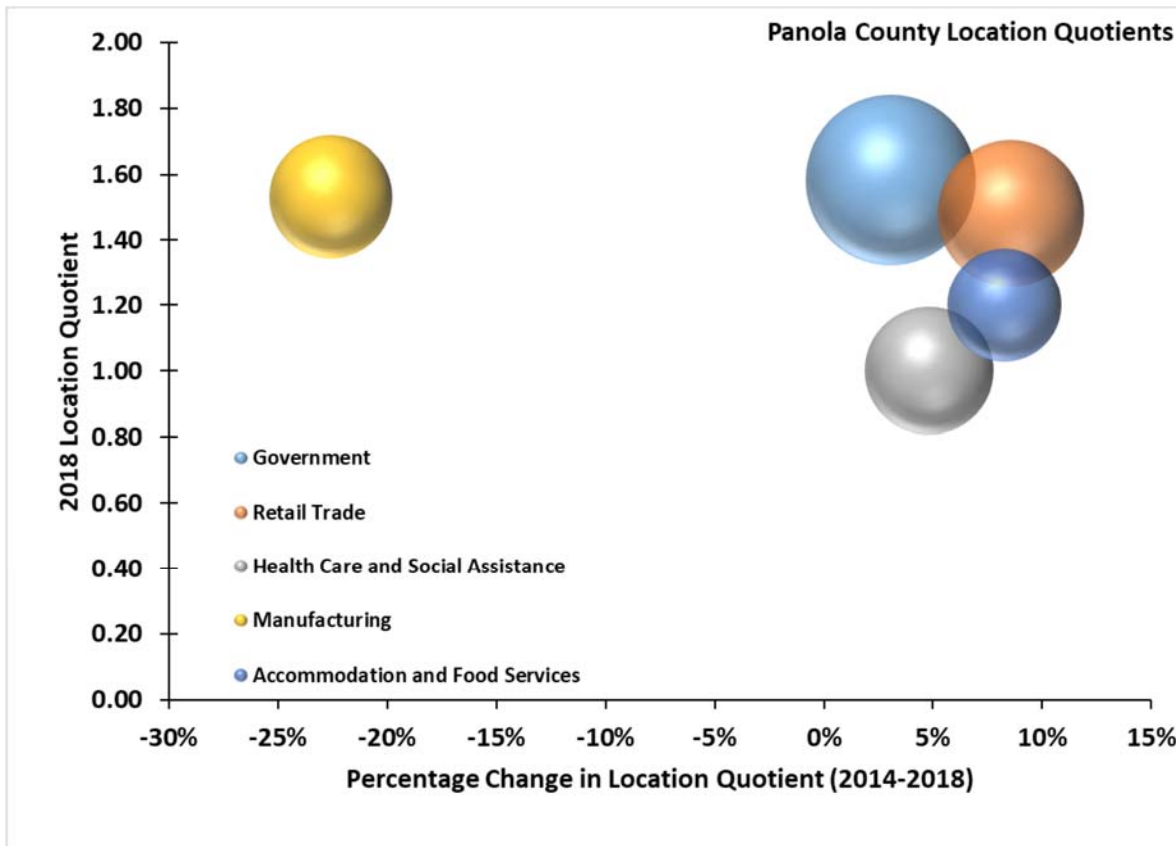


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<b>Demographics*</b>	<b>County</b>	<b>Mississippi</b>	<b>United States</b>
Total Population, 2019 (Population Estimates)	34,180	2,986,526	327,167,434
Percent Change in Total Population, 2015-2019 (Population Esti-	-0.8%	-0.1%	2.8%
Percent Non-white Population, 2018 (2018 ACS 5-year estimates)	51.4%	41.4%	27.3%
Percent of Population Over 64 years, 2018 (2018 ACS 5-year esti-	14.9%	15.0%	15.2%
Percent of Population in Poverty, 2018 (SAIPE)	21.8%	19.8%	13.1%
Percent of Total Population under 18 in Poverty, 2018 (SAIPE)	34.4%	28.2%	18.0%
Percent of the Population 25 and Older that have a High School	62.5%	61.5%	67.1%
Percent of the Population 25 and Older that have a Bachelor's De-	14.9%	21.8%	31.5%
Average travel time to work (minutes), 2018 (2018 ACS 5-year esti-	25.2	24.6	26.6
Unemployment Rate, 2019 Annual Average (BLS)	6.3%	5.4%	3.7%
Current Median Household Income, 2018 (SAIPE)	\$39,198	\$44,740	\$61,937

\*Data source acronyms are explained in the



The location quotient compares the proportion of workers in a particular industry for the area being examined to the proportion of workers in that industry for the United States. A location quotient that is greater than 1.0 indicates that the area has a competitive advantage for that industry. The bubble size represents the relative size of the industry compared to other area industries. Source: EMSI

### Declining Industries

The industry is declining compared to the nation  
(change in LQ < -20%)

Mgt of Comp/Enterprises, Arts/Enter/Rec

### Emerging Industries

The industry is growing compared to the nation  
(change in LQ > 20%) but not necessarily largely concentrated in the county (LQ < 1)

Mine/Quarry/Gas & Oil Extract

### Anchor Industries

The industry is relatively concentrated in the county (LQ > 1.5) but neither expanding nor declining

Government

Gross County/State Product (Bureau of Economic Analysis) (2 digit NAICS Code aggregation except as parenthetically noted)			Mississippi		% Chg in Area	County as % of MS
	2014	2018	2014	2018	14-18	2018
<b>Top Ten Sectors (millions of dollars)</b>						
All industry total	1,048	1,159	104,14	114,83	10.6%	1.0%
Finance, insurance, real estate, rental, and leasing	144	167	15,344	17,629	16.4%	0.9%
Government and government enterprises	149	165	18,232	19,537	11.2%	0.8%
Utilities	114	162	3,164	3,440	42.1%	4.7%
Manufacturing	165	145	16,165	18,774	-11.9%	0.8%
Retail trade	105	122	8,186	9,047	16.6%	1.4%
Real estate and rental and leasing	95	113	10,367	12,012	19.2%	0.9%
Durable goods manufacturing	134	113	9,094	10,526	-15.4%	1.1%
Educational services, health care, and social assistance	72	87	8,804	9,995	19.9%	0.9%
Wholesale trade	77	82	5,512	6,178	6.2%	1.3%
Professional and business services	82	77	7,491	8,294	-5.9%	0.9%

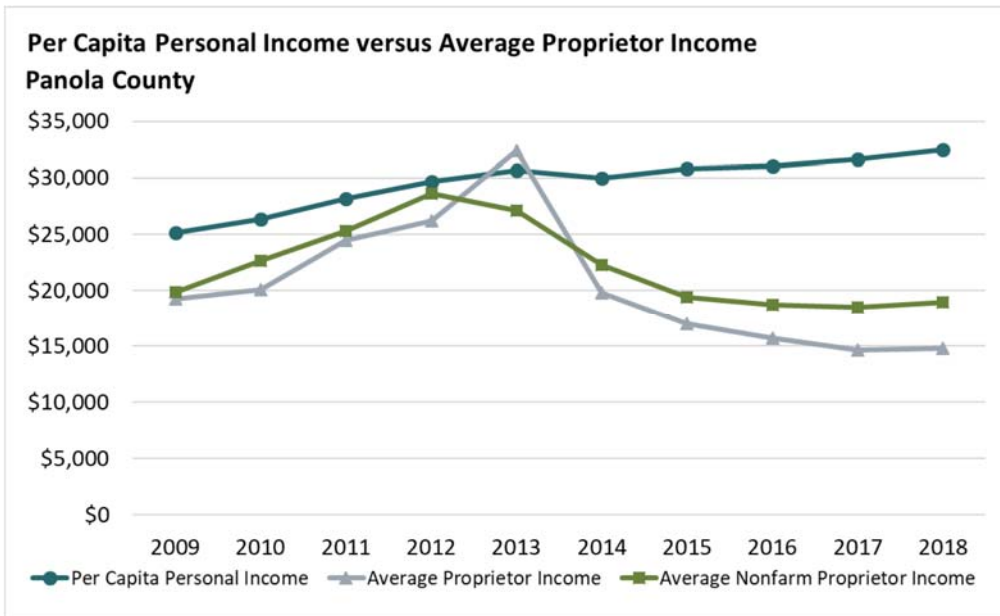
Gross product is reported in millions of dollars.

## Employment and Firms by Business Size Class 2017—County Business Patterns

	Firms	Employees	Annual Payroll
All Firms	577	8,044	\$269,391

Size Class	Firms	Size Class	Firms
1-4 Employees	284	20-49 Employees	53
5-9 Employees	136	50-99 Employees	18
10-19 Employees	70	100-249 Employees	15

Annual payroll is reported in thousands of dollars.



## Top Employment Sectors

NAICS	Sector	Jobs
903	Local Government	1,478
722	Food Svcs & Drinking Places	878
902	State Government	567
621	Ambul Health Care Svcs	472
561	Admin/Support Svcs	437
238	Specialty Trade Contractors	421
336	Transport Equip Mfg	420

## Top Occupation Sectors

SOC	Sector	Jobs
41-2000	Retail Sales Workers	878
53-7000	Material Moving Wrkrs	698
53-3000	Motor Vehicle Operators	469
25-2000	Pre/Prim/Second/Spcl Ed Tchrs	446
47-2000	Construction Trades Workers	432
47-2000	Food & Bev Serving Wrkrs	389
35-2000	Cooks/Food Prep Wrkrs	366

## MISSISSIPPI COUNTY ECONOMIC PROFILES

### DATA KEY

#### Data Acronyms and Abbreviations

**ACS** — American Community Survey (five-year estimates are used for all ACS variables). Data can be accessed through American FactFinder (<https://factfinder.census.gov>, use the Advanced Search feature).

**SAIPE** — Small Area Income and Poverty Estimates. <https://www.census.gov/programs-surveys/saipe.html>

**BEA** — Bureau of Economic Analysis. <https://www.bea.gov/data/by-place-county-metro-local>

**BLS** — Bureau of Labor Statistics. <http://bls.gov/lau/#tables>

**EMSI** — Proprietary data software company. <https://www.economicmodeling.com>

**County Business Patterns** — Data can be accessed through American FactFinder (<https://factfinder.census.gov>, use the Advanced Search feature).

#### Total Population, 2019

Estimates were obtained from the proprietary data source Economic Modeling Specialists, Inc..

<https://economicmodeling.com>

#### Percent Change in Total Population, 2015 to 2019

Estimates were obtained from the proprietary data source Economic Modeling Specialists, Inc..

<https://economicmodeling.com>

#### Percent of the Population that is Non-white, 2018

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table B02001). This table depicts the population at the county, state, and national levels by race.

<https://data.census.gov>

#### Percent of the Population that is Older than 64 years, 2018

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table B01001). This table depicts the population at the county, state, and national levels by age and sex.

<https://data.census.gov>

#### Percent of the Population in Poverty, 2018 Estimate

Data were obtained from the Model-based Small Area Income & Poverty Estimates (SAIPE) for school districts, counties, and states.

<https://www.census.gov/data/datasets/2018/demo/saipe/2018-state-and-county.html>

### **Percent of the Total Population under 18 in Poverty, 2018 Estimate**

Data were obtained from the Model-based Small Area Income & Poverty Estimates (SAIPE) for school districts, counties, and states.

<https://www.census.gov/data/datasets/2018/demo/saipe/2018-state-and-county.html>

### **Percent of the Population 25 and Older that have a High School Diploma, GED, or more, 2018 Estimate**

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table S1501). This table depicts educational attainment of the population 18 years and older at the county, state and nation levels by sex.

<https://data.census.gov>

### **Percent of the Population 25 and Older that have a Bachelor's Degree or more, 2018 Estimate**

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table S1501). This table depicts educational attainment of the population 18 years and older at the county, state and nation levels by sex.

<https://data.census.gov>

### **Average Travel Time to work (for persons who do not work at home), 2018 Estimate**

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table S0801). This table depicts commuting characteristics of workers 16 years and older at the county, state and nation levels by sex.

<https://data.census.gov>

### **Unemployment Rate, 2019 Annual Average**

Data were obtained from the Bureau of Labor Statistics Local Area Unemployment Statistics (labor force data by county).

<http://bls.gov/lau/#tables>

### **Current Median Household Income, 2018 Estimate**

Data were obtained from the Model-based Small Area Income & Poverty Estimates (SAIPE) for school districts, counties, and states.

<https://www.census.gov/programs-surveys/saipe.html>

## **Location Quotients (LQ)**

Location quotients are the comparisons of the percentage of workers in a particular economic sector in the county to the percentage of workers in that economic sector for the nation. If the location quotient (measured on the vertical axis) is greater than 1.0, then the county could have a competitive economic advantage for that particular sector. Location Quotients are calculated for all classes of workers, including Quarterly Census of Employees and Wages (QCEW) employees, Non-QCEW employees, Self-Employed, and Extended Proprietors (miscellaneous labor income).

The horizontal axis measures the percentage change in the size of the location quotient for a particular sector over the last five years (2015 to 2019). If the percentage change in the location quotient is greater than zero, then the competitive advantage of the county (in relation to the nation) has increased. Conversely, if the percentage change is less than zero, then the competitive advantage of the county has declined.

The sectors shown on this chart are the five sectors that have the highest employment in the county. The size of the bubble for each particular sector demonstrates the relative level of employment. The depicted sectors are a subset of the 22 two-digit North American Industrial Classification System (NAICS) codes that are a standard classification system used in economic analysis (an exception to this classification is the extrusion of Production Agriculture and Forestry, Fishing, and Related Activities that were derived from NAICS Code 11). The entire list of 2-digit NAICS codes is provided below. The data used in these calculations were obtained from Economic Modeling Systems Incorporated (EMSI).

The Declining, Emerging, and Anchor Industries table use location quotients to provide a glimpse into the economic structure of the region under analysis. Declining industries have a location quotient that has declined more than 20 percent over the 2015 to 2019 time frame. Emerging industries have a location quotient that has increased by more than 20 percent from 2014 to 2018, but the 2019 location quotient is less than 1.0. Anchor industries are stable industries in the region; they have a location quotient of 1.5 or greater and the location quotient has not changed more than 10 percent from 2015 to 2019.

Due to space limitations in the Declining, Emerging, and Anchor Industries table, it necessary to abbreviate many of the economic sectors. The following list provides the full sector name for those abbreviations.



## ***Two-digit NAICS Code Sectors***

### Code Sector Name

- 11 Agriculture, Forestry, Fishing and Hunting—Ag/Forest/Fish/Hunt
- 21 Mining, Quarrying, and Oil and Gas Extraction—Mine/Quarry/Gas & Oil Extract
- 22 Utilities—Utilities
- 23 Construction—Const
- 31-33 Manufacturing—Mfg
- 42 Wholesale Trade—Wholesale Trade
- 44-45 Retail Trade—Retail Trade
- 48-49 Transportation and Warehousing—Trans/Whsing
- 51 Information—Information
- 52 Finance and Insurance—Fin/Ins
- 53 Real Estate and Rental and Leasing—Real Est/Rent/Leas
- 54 Professional, Scientific, and Technical Services —Prof/Scien/Tech Svcs
- 55 Management of Companies and Enterprises—Mgt of Comp/Enterprises
- 56 Administrative and Support and Waste Management and Remediation Services—Admin/Supp/Waste Mgt/Red Svcs
- 61 Educational Services—Ed Svcs (Private)
- 62 Health Care and Social Assistance—Health Care/Soc Asst
- 71 Arts, Entertainment, and Recreation—Arts/Enter/Rec
- 72 Accommodation and Food Services—Acc/Food Svcs
- 81 Other Services (except Public Administration)—Other Svcs exc PA
- 92 Public Administration (Government)—Government

Source: <http://www.census.gov/eos/www/naics/>

## **Gross Product**

Gross product is a comprehensive measure of the economic activity in a specific geographic area. It is calculated as the sum of the value-added activity in an area. In this case, state gross product numbers for the state were apportioned to the counties by the level of employment in particular economic sectors in the county. The exceptions are for estimates of the gross product in the counties attributable to production agriculture. In this case, cash farm receipt numbers are used due to the volatility of employment levels in this particular sector.

Data for these estimates were obtained from the Bureau of Economic Analysis.

All data in this table are aggregated to the two-digit NAICS code (see above). Estimates for other sectors are available on request.

<https://www.bea.gov/data/by-place-county-metro-local>

## **Employment by Business Size Class**

Estimates for the number of businesses by business size class, the number of employees for all firms and the annual payroll for all firms were provided by County Business Patterns.

<https://data.census.gov>, use the Advanced Search feature

## **Real Personal versus Proprietor Income**

Personal per capita income is compared with average proprietor income (total proprietor income divided by the number of proprietors) and average nonfarm proprietor income (total nonfarm proprietor income divided by the number of nonfarm proprietors). If the level of average nonfarm proprietor income is less than the level of average proprietor income, then the level of average farm proprietor income is greater than the level of average proprietor income (the converse is also true). Data for these calculations were obtained from the Bureau of Economic Analysis.

<https://www.bea.gov/data/by-place-county-metro-local>

## **Top Ten Employment Sectors**

Estimates at the three-digit NAICS code level were obtained from the proprietary data source Economic Modeling Specialists, Inc.

<http://economicmodeling.com>

## **Top Ten Occupation Sectors**

Estimates at the three-digit SOC code level were obtained from the proprietary data source Economic Modeling Specialists, Inc.

<http://economicmodeling.com>

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