



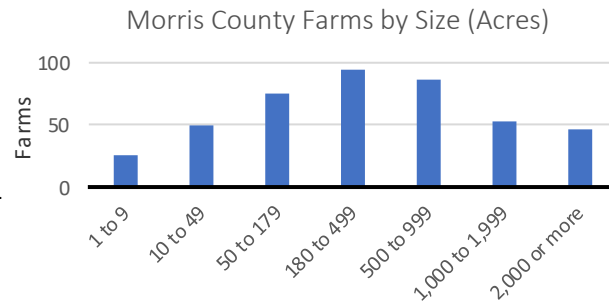
# Morris County, Kansas

2022 ECONOMIC CONTRIBUTION REPORT  
AUGUST 31, 2022

## Farm Statistics, Morris County

Number of Farms: 430  
 Average Farm Size: 952 acres  
 Land in Farms: 409,269 acres  
 Average Value of Products Sold Per Farm: \$322,361  
 Average Net Cash Farm Income Per Farm: \$56,135

Source: [USDA 2017 Census of Agriculture](#)



## Overview

The Kansas Department of Agriculture’s Economist creates annual economic contribution reports to estimate the impact of agriculture on the Kansas economy. The purpose of these reports is to provide information for stakeholders, policymakers, and the general public. In this report, the model analyzes the effects of agriculture on the Morris County, Kansas economy. For the estimated current year (2022), 23 agriculture and agriculture-related sectors directly contribute \$197 million in output and 645 jobs to the Morris County economy. Including indirect and induced effects, agriculture and agriculture-related sectors have a total impact of \$229 million in output, 822 jobs and 34% of the total Gross Regional Product (GRP).

## Estimated Economic Contribution of Agriculture

Methodology and Glossary on final page

### Results

In this model, the 23 agriculture and agriculture-related sectors have a total direct output of \$197 million and account for 645 jobs in Morris County, as shown in the following table:

Table 1: Agriculture and Agriculture-Related Sectors’ Contribution to Morris County Economy

Contribution Type	Employment	% Employment	Total Value Added	% of Gross Regional Product	Output
Direct Effect	645	23%	\$52,424,000	26%	\$197,034,000
Indirect Effect	88	3%	\$7,562,000	4%	\$18,308,000
Induced Effect	90	3%	\$6,488,000	3%	\$13,775,000
<b>Total Effect</b>	<b>822</b>	<b>29%</b>	<b>\$66,475,000</b>	<b>34%</b>	<b>\$229,118,000</b>

Note: Individual effects may not equal the total effect due to rounding.

The agriculture and agriculture-related sectors provide a total estimated impact of \$229 million in output. These sectors also support a total of 822 jobs, or 29% of the county’s entire workforce. Another metric used to calculate the importance of sectors in the economy is their value added as a percentage of GRP. Total value added by the 23 agriculture and agriculture-related sectors is 66 million, or 34% of the GRP.

### Top Ten Sectors by Output

The table below shows Morris County’s top ten sectors by output, including direct, indirect and induced effects. The *beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming* sector is the top contributor in output to the Morris County economy, with \$91 million in total output.

Table 2: Top Ten Sectors by Output, Morris County

Sector	Total Output
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$90,643,000
Other animal food manufacturing	\$47,063,000
Grain farming	\$21,679,000
Oilseed farming	\$21,481,000
Wholesale - Other nondurable goods merchant wholesalers	\$5,873,000
All other crop farming	\$5,666,000
Support activities for agriculture and forestry	\$4,247,000
Owner-occupied dwellings	\$3,592,000
Dairy cattle and milk production	\$2,537,000
Truck transportation	\$2,460,000

### Top Ten Sectors by Employment

Of the agriculture and agriculture-related sectors, *beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming* supports the most jobs in the county with 306 jobs. Table 3 illustrates the top ten sectors by total employment, including direct, indirect and induced effects in Morris County.

Table 3: Top Ten Sectors by Employment, Morris County

Sector	Total Employment
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	306.15
Support activities for agriculture and forestry	127.69
All other crop farming	80.14
Grain farming	39.58
Other animal food manufacturing	39.50
Landscape and horticultural services	30.02
Wholesale - Other nondurable goods merchant wholesalers	28.43
Full-service restaurants	11.49
Other financial investment activities	11.22
Truck transportation	11.08

### All Direct Agriculture Sectors

Table 4 is a summary of agriculture sectors represented with output and employment levels. These values estimate the value of output and the jobs these agriculture sectors support in the Morris County economy. Generally, this analysis includes three categories: production, manufacturing or processing, and services. Note, the model does not include ethanol production or wholesale and retail sales of final products.

Table 4: All Direct Agriculture Sectors, Morris County

Sector	Total Output	Total Employment
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$90,643,000	306.15
Other animal food manufacturing	\$47,063,000	39.50
Grain farming	\$21,679,000	39.58
Oilseed farming	\$21,481,000	9.25
All other crop farming	\$5,666,000	80.14
Support activities for agriculture and forestry	\$4,247,000	127.69
Dairy cattle and milk production	\$2,537,000	3.30
Landscape and horticultural services	\$1,731,000	30.02
Greenhouse, nursery, and floriculture production	\$450,000	2.17
Bottled and canned soft drinks & water	\$313,000	0.58
Bread and bakery product, except frozen, manufacturing	\$221,000	1.45
Poultry and egg production	\$210,000	0.16
Animal production, except cattle and poultry and eggs	\$186,000	0.65
Other snack food manufacturing	\$168,000	0.25
Frozen cakes and other pastries manufacturing	\$147,000	1.45
Roasted nuts and peanut butter manufacturing	\$114,000	0.24
Veterinary services	\$79,000	1.10
Fiber, yarn, and thread mills	\$42,000	0.16
Commercial logging	\$21,000	0.24
Forestry, forest products, and timber tract production	\$16,000	0.23
Fruit farming	\$10,000	0.05
Commercial hunting and trapping	\$8,000	0.50
Tree nut farming	\$1,000	0.00

## Methodology

Using the economic software IMPLAN, the equilibrium displacement model calculates the estimated output and employment of all 546 different economic sectors if the current economy experiences no shocks within the agriculture and agriculture-related industries. IMPLAN sectors are based on North American Industry Classification System (NAICS) codes. The results of this model are broken down into direct, indirect and induced effects, and the IMPLAN framework avoids double counting. All agriculture and agriculture-related sectors represented in this model use the most recent IMPLAN data available (2020), adjusted for 2022 dollars.

## Notes and Glossary

These results are based on estimated production and employment numbers, along with estimated potential sector-, industry- and economy-wide effects. Therefore, these results may differ from actual events.

Due to confidentiality policies that exist within several agencies from which IMPLAN collects their data, some sectors in some regions may not have all data available.

The model provides results in relation to the agriculture and agriculture-related sectors. These results are not equal to the total effects of all 546 sectors but rather the total effects relative to agriculture.

The following terms are used throughout this report:

- *Direct effect*: the contribution from agricultural and food products
- *Indirect effect*: the contribution from farms and agricultural businesses purchasing inputs from supporting industries within the county
- *Induced effect*: the contribution from employees of farms, agricultural businesses, and supporting industries spending their wages on goods and services within the county
- *Value added* = labor income + indirect business taxes + other property type income
- *Gross Regional Product* = final demand of households + government expenditures + capital + exports – imports – institutional sales
- *Output* = intermediate inputs + value added
- *Employment*: full-time/part-time annual average, i.e., 1 job lasting 12 months = 2 jobs lasting 6 months each = 3 jobs lasting 4 months each. A job is neither full-time nor part-time.

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