



# Labette County, Kansas

2024 ECONOMIC CONTRIBUTION REPORT  
AUGUST 2024

## 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 to stakeholders, policymakers, and the general public. In this report, the model analyzes the effects of agriculture on the Labette County, Kansas, economy. For the estimated current year (2024), 28 agriculture and agriculture-related sectors directly contribute \$446 million in output and 1,345 jobs to the Labette County, Kansas, economy. Including indirect and induced effects, agriculture and agriculture-related sectors have a total impact of \$556 million in output, 1,870 jobs and 16% of the total Gross Regional Product (GRP).

## Estimated Economic Contribution of Agriculture.

Methodology and Glossary on final page

### Results

In this model, the 28 agriculture and agriculture-related sectors have a total direct output of \$446 million and account for 1,345 jobs in Labette County, as shown in the following table:

Table 1: Agriculture and Agriculture-Related Sectors' Contribution to the Labette County Economy

Contribution Type	Employment	% Employment	Total Value Added	% of Gross Regional Product	Output
Direct Effect	1,345	11%	\$97,309,000	10%	\$446,452,000
Indirect Effect	320	3%	\$34,051,000	4%	\$76,913,000
Induced Effect	203	2%	\$18,043,000	2%	\$32,633,000
Total Effect	1,870	16%	\$149,404,000	16%	\$556,000,000

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

The agriculture and agriculture-related sectors provide a total estimated impact of \$556 million in output. These sectors also support a total of 1,870 jobs, or 16% 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 the Gross Regional Product. Total value added by the 28 agriculture and agriculture-related sectors is \$149 million, or 16% of the Gross Regional Product.

### Top Ten Sectors by Output

The table below shows Labette 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 Labette County economy, with \$159 million in total output.

Table 2: Top Ten Sectors by Output, Labette County

Sector	Total Output
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$158,533,000
Farm machinery and equipment manufacturing	\$69,621,000
Animal, except poultry, slaughtering	\$59,666,000
Meat processed from carcasses	\$49,886,000
Grain farming	\$46,912,000
Oilseed farming	\$39,993,000
Wholesale - Other nondurable goods merchant wholesalers	\$22,571,000
Truck transportation	\$16,011,000
Other real estate	\$7,440,000
Owner-occupied dwellings	\$6,550,000

### 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 757 jobs. Table 3 illustrates the top ten sectors by total employment, including direct, indirect, and induced effects in Labette County.

Table 3: Top Ten Sectors by Employment, Labette County

Sector	Total Employment
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	757.21
Grain farming	117.76
Farm machinery and equipment manufacturing	101.16
Meat processed from carcasses	91.49
Animal, except poultry, slaughtering	80.85
Wholesale - Other nondurable goods merchant wholesalers	73.25
Truck transportation	53.56
Other real estate	45.43
All other crop farming	42.01
Support activities for agriculture and forestry	37.90

## 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 Labette County economy. Generally, this analysis includes three categories: production, manufacturing or processing, and services. Note, the model does not include ethanol production nor wholesale and retail sales of final products.

Table 4: All Direct Agriculture Sectors, Labette County

Sector	Total Output	Total Employment
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$158,533,000	757.21
Farm machinery and equipment manufacturing	\$69,621,000	101.16
Animal, except poultry, slaughtering	\$59,666,000	80.85
Meat processed from carcasses	\$49,886,000	91.49
Grain farming	\$46,912,000	117.76
Oilseed farming	\$39,993,000	25.28
Support activities for agriculture and forestry	\$4,172,000	37.90
All other crop farming	\$2,375,000	42.01
Animal production, except cattle and poultry and eggs	\$1,865,000	10.09
Other animal food manufacturing	\$1,857,000	1.49
Landscape and horticultural services	\$1,754,000	20.33
Narrow fabric mills and schiffli machine embroidery	\$1,734,000	9.14
Veterinary services	\$1,591,000	21.25
Poultry and egg production	\$1,268,000	1.34
Bread and bakery product, except frozen, manufacturing	\$1,099,000	6.72
Tree nut farming	\$847,000	4.11
Frozen cakes and other pastries manufacturing	\$718,000	6.72
Other snack food manufacturing	\$568,000	0.87
Dairy cattle and milk production	\$473,000	2.00
Roasted nuts and peanut butter manufacturing	\$426,000	0.85
Distilleries	\$349,000	0.55
Greenhouse, nursery, and floriculture production	\$177,000	0.95
Other leather and allied product manufacturing	\$171,000	1.55
Commercial logging	\$138,000	1.92
Vegetable and melon farming	\$77,000	0.33
Forestry, forest products, and timber tract production	\$71,000	0.82
Fruit farming	\$55,000	0.27
Commercial hunting and trapping	\$40,000	0.86

## 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 (2022), adjusted for 2024 dollars. For this model, key statistics are defined as follows: total employment refers to the annual average of the sum of full and part time jobs held attributed to the 28 agricultural sectors, total gross regional product is the sum of the value added of all industries across the region, and total output is the total annual value of production for an industry or area.

## 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 will 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 and services from supporting industries within the region.
- *Induced effect*: the contribution from employees of farms, agricultural businesses, and supporting industries spending their wages on goods and services within the region.
- *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.

---

## Contact

Agency Economist

AgEconomist@ks.gov

785-564-6726

Kansas Department of Agriculture

1320 Research Park Drive, Manhattan, Kansas 66502

agriculture.ks.gov