



# Sedgwick 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 Sedgwick County, Kansas, economy. For the estimated current year (2024), 47 agriculture and agriculture-related sectors directly contribute \$3.00 billion in output and 7,335 jobs to the Sedgwick County, Kansas, economy. Including indirect and induced effects, agriculture and agriculture-related sectors have a total impact of \$4.17 billion in output, 12,858 jobs and 4% of the total Gross Regional Product (GRP).

## Estimated Economic Contribution of Agriculture.

Methodology and Glossary on final page

### Results

In this model, the 47 agriculture and agriculture-related sectors have a total direct output of \$3.00 billion and account for 7,335 jobs in Sedgwick County, as shown in the following table:

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

Contribution Type	Employment	% Employment	Total Value Added	% of Gross Regional Product	Output
Direct Effect	7,335	2%	\$767,052,000	2%	\$3,000,186,000
Indirect Effect	2,905	1%	\$361,619,000	1%	\$717,782,000
Induced Effect	2,618	1%	\$253,872,000	1%	\$448,798,000
<b>Total Effect</b>	<b>12,858</b>	<b>4%</b>	<b>\$1,382,544,000</b>	<b>4%</b>	<b>\$4,166,767,000</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 \$4.17 billion in output. These sectors also support a total of 12,858 jobs, or 4% 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 47 agriculture and agriculture-related sectors is \$1.38 billion, or 4% of the Gross Regional Product.

### Top Ten Sectors by Output

The table below shows Sedgwick County’s top ten sectors by output, including direct, indirect and induced effects. The *flour milling* sector is the top contributor in output to the Sedgwick County economy, with \$789 million in total output.

Table 2: Top Ten Sectors by Output, Sedgwick County

Sector	Total Output
Flour milling	\$788,597,000
Meat processed from carcasses	\$577,982,000
Lawn and garden equipment manufacturing	\$246,228,000
Animal, except poultry, slaughtering	\$203,201,000
Bottled and canned soft drinks & water	\$150,984,000
Landscape and horticultural services	\$142,830,000
Truck transportation	\$111,508,000
Other animal food manufacturing	\$110,114,000
Grain farming	\$87,742,000
Fluid milk manufacturing	\$82,579,000

### Top Ten Sectors by Employment

Of the agriculture and agriculture-related sectors, *landscape and horticultural services* supports the most jobs in the county with 1,360 jobs. Table 3 illustrates the top ten sectors by total employment, including direct, indirect, and induced effects in Sedgwick County.

Table 3: Top Ten Sectors by Employment, Sedgwick County

Sector	Total Employment
Landscape and horticultural services	1,360.17
Meat processed from carcasses	1,025.99
Veterinary services	611.66
Flour milling	561.28
Truck transportation	481.19
Lawn and garden equipment manufacturing	445.13
Animal production, except cattle and poultry and eggs	439.23
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	385.36
Other real estate	337.35
Bread and bakery product, except frozen, manufacturing	312.01

### 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 Sedgwick 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, Sedgwick County

Sector	Total Output	Total Employment
Flour milling	\$788,597,000	561.28
Meat processed from carcasses	\$577,982,000	1,025.99
Lawn and garden equipment manufacturing	\$246,228,000	445.13
Animal, except poultry, slaughtering	\$203,201,000	264.07
Bottled and canned soft drinks & water	\$150,984,000	215.93
Landscape and horticultural services	\$142,830,000	1,360.17
Other animal food manufacturing	\$110,114,000	80.29
Grain farming	\$87,742,000	274.95
Fluid milk manufacturing	\$82,579,000	97.66
Animal production, except cattle and poultry and eggs	\$63,346,000	439.23
Veterinary services	\$56,194,000	611.66
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$54,060,000	385.36
Bread and bakery product, except frozen, manufacturing	\$51,714,000	312.01
Support activities for agriculture and forestry	\$48,510,000	227.67
Confectionery manufacturing from purchased chocolate	\$44,111,000	101.28
Oilseed farming	\$39,173,000	36.68
Food product machinery manufacturing	\$31,845,000	96.31
Frozen cakes and other pastries manufacturing	\$27,691,000	247.40
Breweries	\$24,234,000	85.39
Poultry processing	\$23,416,000	59.41
Cheese manufacturing	\$18,287,000	18.03
Spice and extract manufacturing	\$17,958,000	27.64
Pesticide and other agricultural chemical manufacturing	\$17,377,000	8.97
All other food manufacturing	\$17,066,000	39.04
Dry pasta, mixes, and dough manufacturing	\$13,868,000	14.87
Other snack food manufacturing	\$10,774,000	15.87
Distilleries	\$7,918,000	10.05
Roasted nuts and peanut butter manufacturing	\$7,900,000	15.52
All other crop farming	\$6,120,000	145.92
Ice cream and frozen dessert manufacturing	\$5,322,000	11.34
Dairy cattle and milk production	\$4,240,000	7.55
Greenhouse, nursery, and floriculture production	\$3,390,000	16.86
Rendering and meat byproduct processing	\$2,246,000	4.17
Commercial logging	\$2,057,000	17.73
Other chemical and fertilizer mineral mining	\$1,708,000	6.52

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Sector	Total Output	Total Employment
Cotton farming	\$1,656,000	12.05
Tortilla manufacturing	\$1,473,000	4.64
Wineries	\$1,466,000	5.16
Forestry, forest products, and timber tract production	\$1,417,000	14.90
Poultry and egg production	\$1,259,000	1.43
Coffee and tea manufacturing	\$614,000	1.02
Narrow fabric mills and schiffli machine embroidery	\$557,000	3.81
Paperboard mills	\$414,000	0.40
Vegetable and melon farming	\$247,000	1.09
Fruit farming	\$132,000	0.67
Commercial hunting and trapping	\$99,000	1.62
Tree nut farming	\$50,000	0.26

## 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 47 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.

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