



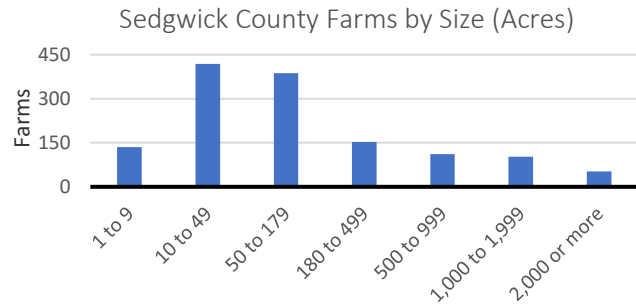
Sedgwick County, Kansas

2022 ECONOMIC CONTRIBUTION REPORT
AUGUST 31, 2022

Farm Statistics, Sedgwick County

Number of Farms: 1,360
Average Farm Size: 365 acres
Land in Farms: 496,568 acres
Average Value of Products Sold Per Farm: \$87,439
Average Net Cash Farm Income Per Farm: \$18,655

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 Sedgwick County, Kansas economy. For the estimated current year (2022), 45 agriculture and agriculture-related sectors directly contribute \$2.9 billion in output and 7,127 jobs to the Sedgwick County economy. Including indirect and induced effects, agriculture and agriculture-related sectors have a total impact of \$3.8 billion in output, 12,318 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 45 agriculture and agriculture-related sectors have a total direct output of \$2.9 billion and account for 7,127 jobs in Sedgwick County, as shown in the following table:

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

Contribution Type	Employment	% Employment	Total Value Added	% of Gross Regional Product	Output
Direct Effect	7,127	2%	\$765,540,000	2%	\$2,852,684,000
Indirect Effect	2,860	1%	\$317,536,000	1%	\$597,759,000
Induced Effect	2,331	1%	\$200,307,000	1%	\$351,915,000
Total Effect	12,318	4%	\$1,283,384,000	4%	\$3,802,360,000

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

The agriculture and agriculture-related sectors provide a total estimated impact of \$3.8 billion in output. These sectors also support a total of 12,318 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 GRP. Total value added by the 45 agriculture and agriculture-related sectors is 1.3 billion, or 4% of the GRP.

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 \$682 million in total output.

Table 2: Top Ten Sectors by Output, Sedgwick County

Sector	Total Output
Flour milling	\$682,152,000
Meat processed from carcasses	\$497,145,000
Lawn and garden equipment manufacturing	\$299,390,000
Animal, except poultry, slaughtering	\$287,425,000
Other animal food manufacturing	\$133,432,000
Landscape and horticultural services	\$127,144,000
Bottled and canned soft drinks & water	\$123,752,000
Truck transportation	\$81,759,000
Fluid milk manufacturing	\$72,895,000
Grain farming	\$67,783,000

Top Ten Sectors by Employment

Of the agriculture and agriculture-related sectors, *landscape and horticultural services* supports the most jobs in the county with 1284 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	1284.29
Meat processed from carcasses	960.25
Veterinary services	570.18
Flour milling	541.91
Lawn and garden equipment manufacturing	506.86
Truck transportation	476.59
Animal, except poultry, slaughtering	378.06
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	373.65
Other real estate	318.41
Bread and bakery product, except frozen, manufacturing	317.20

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 or wholesale and retail sales of final products.

Table 4: All Direct Agriculture Sectors, Sedgwick County

Sector	Total Output	Total Employment
Flour milling	\$682,152,000	541.91
Meat processed from carcasses	\$497,145,000	960.25
Lawn and garden equipment manufacturing	\$299,390,000	506.86
Animal, except poultry, slaughtering	\$287,425,000	378.06
Other animal food manufacturing	\$133,432,000	112.33
Landscape and horticultural services	\$127,144,000	1284.29
Bottled and canned soft drinks & water	\$123,752,000	156.40
Fluid milk manufacturing	\$72,895,000	87.85
Grain farming	\$67,783,000	250.70
Veterinary services	\$51,756,000	570.18
Support activities for agriculture and forestry	\$51,615,000	300.27
Bread and bakery product, except frozen, manufacturing	\$51,328,000	317.20
Oilseed farming	\$44,281,000	50.48
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$41,379,000	373.65
Animal production, except cattle and poultry and eggs	\$40,863,000	302.21
Dry pasta, mixes, and dough manufacturing	\$29,923,000	32.88
Food product machinery manufacturing	\$29,192,000	96.85
Frozen cakes and other pastries manufacturing	\$28,381,000	266.83
Paper mills	\$26,088,000	31.90
Spice and extract manufacturing	\$25,419,000	37.28
Pesticide and other agricultural chemical manufacturing	\$25,039,000	16.64
Other snack food manufacturing	\$15,872,000	19.31
Breweries	\$15,398,000	46.49
Cheese manufacturing	\$13,801,000	12.64
Dairy cattle and milk production	\$9,836,000	12.80
Roasted nuts and peanut butter manufacturing	\$9,538,000	19.02
Fertilizer mixing	\$9,300,000	15.81
All other food manufacturing	\$8,999,000	21.04
All other crop farming	\$5,737,000	184.81
Distilleries	\$5,381,000	5.85
Ice cream and frozen dessert manufacturing	\$5,281,000	12.73
Greenhouse, nursery, and floriculture production	\$3,856,000	22.86
Coffee and tea manufacturing	\$3,156,000	5.31
Commercial logging	\$2,405,000	23.85
Forestry, forest products, and timber tract production	\$1,782,000	18.41

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Sector	Total Output	Total Employment
Cotton farming	\$1,680,000	13.12
Rendering and meat byproduct processing	\$1,603,000	3.90
Tortilla manufacturing	\$639,000	2.49
Leather and hide tanning and finishing	\$580,000	3.34
Poultry and egg production	\$570,000	0.68
Paperboard mills	\$308,000	0.41
Vegetable and melon farming	\$281,000	1.61
Fruit farming	\$128,000	0.90
Commercial hunting and trapping	\$122,000	4.03
Tree nut farming	\$49,000	0.37

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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