



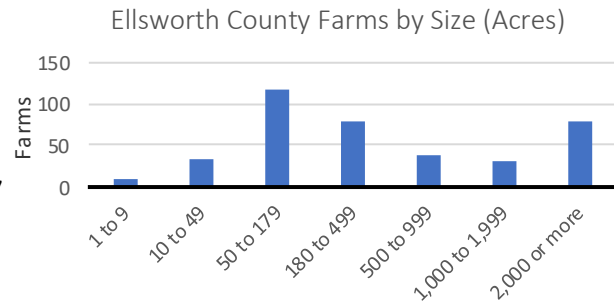
# Ellsworth County, Kansas

2022 ECONOMIC CONTRIBUTION REPORT  
AUGUST 31, 2022

## Farm Statistics, Ellsworth County

Number of Farms: 384  
Average Farm Size: 1,016 acres  
Land in Farms: 390,042 acres  
Average Value of Products Sold Per Farm: \$125,827  
Average Net Cash Farm Income Per Farm: \$41,904

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 Ellsworth County, Kansas economy. For the estimated current year (2022), 26 agriculture and agriculture-related sectors directly contribute \$211 million in output and 646 jobs to the Ellsworth County economy. Including indirect and induced effects, agriculture and agriculture-related sectors have a total impact of \$245 million in output, 859 jobs and 20% of the total Gross Regional Product (GRP).

## Estimated Economic Contribution of Agriculture

Methodology and Glossary on final page

### Results

In this model, the 26 agriculture and agriculture-related sectors have a total direct output of \$211 million and account for 646 jobs in Ellsworth County, as shown in the following table:

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

Contribution Type	Employment	% Employment	Total Value Added	% of Gross Regional Product	Output
Direct Effect	646	18%	\$44,185,000	15%	\$210,843,000
Indirect Effect	132	4%	\$9,326,000	3%	\$22,624,000
Induced Effect	81	2%	\$6,058,000	2%	\$11,523,000
<b>Total Effect</b>	<b>859</b>	<b>23%</b>	<b>\$59,570,000</b>	<b>20%</b>	<b>\$244,991,000</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 \$245 million in output. These sectors also support a total of 859 jobs, or 23% 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 26 agriculture and agriculture-related sectors is 60 million, or 20% of the GRP.

### Top Ten Sectors by Output

The table below shows Ellsworth County’s top ten sectors by output, including direct, indirect and induced effects. The *animal, except poultry, slaughtering* sector is the top contributor in output to the Ellsworth County economy, with \$71 million in total output.

Table 2: Top Ten Sectors by Output, Ellsworth County

Sector	Total Output
Animal, except poultry, slaughtering	\$71,371,000
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$47,305,000
Farm machinery and equipment manufacturing	\$30,674,000
Grain farming	\$29,652,000
Other chemical and fertilizer mineral mining	\$16,902,000
Animal production, except cattle and poultry and eggs	\$5,391,000
Wholesale - Other nondurable goods merchant wholesalers	\$4,578,000
Oilseed farming	\$4,024,000
Truck transportation	\$3,718,000
Owner-occupied dwellings	\$3,086,000

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

Table 3: Top Ten Sectors by Employment, Ellsworth County

Sector	Total Employment
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	265.42
Animal, except poultry, slaughtering	95.94
Grain farming	79.40
Other chemical and fertilizer mineral mining	60.84
Farm machinery and equipment manufacturing	56.59
All other crop farming	28.97
Animal production, except cattle and poultry and eggs	28.25
Truck transportation	25.33
Wholesale - Other nondurable goods merchant wholesalers	18.55
Other real estate	15.96

## 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 Ellsworth 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, Ellsworth County

Sector	Total Output	Total Employment
Animal, except poultry, slaughtering	\$71,371,000	95.94
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$47,305,000	265.42
Farm machinery and equipment manufacturing	\$30,674,000	56.59
Grain farming	\$29,652,000	79.40
Other chemical and fertilizer mineral mining	\$16,902,000	60.84
Animal production, except cattle and poultry and eggs	\$5,391,000	28.25
Oilseed farming	\$4,024,000	2.87
All other crop farming	\$1,328,000	28.97
Veterinary services	\$767,000	8.77
Other snack food manufacturing	\$603,000	0.77
Support activities for agriculture and forestry	\$545,000	7.63
Greenhouse, nursery, and floriculture production	\$450,000	2.67
Roasted nuts and peanut butter manufacturing	\$374,000	0.76
Bottled and canned soft drinks & water	\$321,000	0.58
Other animal food manufacturing	\$306,000	0.29
Bread and bakery product, except frozen, manufacturing	\$224,000	1.42
Vegetable and melon farming	\$172,000	0.87
Frozen cakes and other pastries manufacturing	\$148,000	1.42
Commercial logging	\$81,000	0.77
Forestry, forest products, and timber tract production	\$65,000	0.73
Poultry and egg production	\$62,000	0.06
Fiber, yarn, and thread mills	\$45,000	0.16
Landscape and horticultural services	\$15,000	0.18
Commercial hunting and trapping	\$11,000	0.55
Fruit farming	\$5,000	0.03
Tree nut farming	\$1,000	0.01

## 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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