



Wyandotte 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 Wyandotte County, Kansas, economy. For the estimated current year (2024), 43 agriculture and agriculture-related sectors directly contribute \$2.14 billion in output and 4,411 jobs to the Wyandotte County, Kansas, economy. Including indirect and induced effects, agriculture and agriculture-related sectors have a total impact of \$2.68 billion in output, 6,843 jobs and 7% of the total Gross Regional Product (GRP).

Estimated Economic Contribution of Agriculture.

Methodology and Glossary on final page

Results

In this model, the 43 agriculture and agriculture-related sectors have a total direct output of \$2.14 billion and account for 4,411 jobs in Wyandotte County, as shown in the following table:

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

Contribution Type	Employment	% Employment	Total Value Added	% of Gross Regional Product	Output
Direct Effect	4,411	4%	\$619,639,000	5%	\$2,142,477,000
Indirect Effect	1,858	2%	\$226,358,000	2%	\$438,150,000
Induced Effect	573	1%	\$62,723,000	0%	\$101,776,000
Total Effect	6,843	6%	\$908,721,000	7%	\$2,682,404,000

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

The agriculture and agriculture-related sectors provide a total estimated impact of \$2.68 billion in output. These sectors also support a total of 6,843 jobs, or 6% 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 43 agriculture and agriculture-related sectors is \$909 million, or 7% of the Gross Regional Product.

Top Ten Sectors by Output

The table below shows Wyandotte County’s top ten sectors by output, including direct, indirect and induced effects. The *meat processed from carcasses* sector is the top contributor in output to the Wyandotte County economy, with \$666 million in total output.

Table 2: Top Ten Sectors by Output, Wyandotte County

Sector	Total Output
Meat processed from carcasses	\$666,079,000
Cookie and cracker manufacturing	\$201,231,000
Sugar cane mills and refining	\$158,006,000
Frozen fruits, juices and vegetables manufacturing	\$138,952,000
Bread and bakery product, except frozen, manufacturing	\$111,683,000
Dog and cat food manufacturing	\$108,557,000
Other animal food manufacturing	\$106,305,000
Fluid milk manufacturing	\$96,880,000
Landscape and horticultural services	\$90,806,000
Soybean and other oilseed processing	\$89,272,000

Top Ten Sectors by Employment

Of the agriculture and agriculture-related sectors, *meat processed from carcasses* supports the most jobs in the county with 1,112 jobs. Table 3 illustrates the top ten sectors by total employment, including direct, indirect, and induced effects in Wyandotte County.

Table 3: Top Ten Sectors by Employment, Wyandotte County

Sector	Total Employment
Meat processed from carcasses	1,112.09
Landscape and horticultural services	825.41
Bread and bakery product, except frozen, manufacturing	517.45
Cookie and cracker manufacturing	406.62
Wholesale - Grocery and related product wholesalers	310.69
Truck transportation	232.67
Frozen fruits, juices and vegetables manufacturing	212.29
Tortilla manufacturing	163.74
Management of companies and enterprises	162.55
Wholesale - Other nondurable goods merchant wholesalers	161.88

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 Wyandotte 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, Wyandotte County

Sector	Total Output	Total Employment
Meat processed from carcasses	\$666,079,000	1,112.09
Cookie and cracker manufacturing	\$201,231,000	406.62
Sugar cane mills and refining	\$158,006,000	122.90
Frozen fruits, juices and vegetables manufacturing	\$138,952,000	212.29
Bread and bakery product, except frozen, manufacturing	\$111,683,000	517.45
Dog and cat food manufacturing	\$108,557,000	108.64
Other animal food manufacturing	\$106,305,000	77.81
Fluid milk manufacturing	\$96,880,000	123.68
Landscape and horticultural services	\$90,806,000	825.41
Soybean and other oilseed processing	\$89,272,000	14.11
Flour milling	\$73,715,000	52.12
Tortilla manufacturing	\$60,137,000	163.74
Farm machinery and equipment manufacturing	\$55,112,000	77.10
Canned fruits and vegetables manufacturing	\$26,793,000	41.06
All other food manufacturing	\$20,139,000	46.27
Bottled and canned soft drinks & water	\$19,707,000	28.74
Rendering and meat byproduct processing	\$19,679,000	33.70
Fats and oils refining and blending	\$18,775,000	8.26
Pesticide and other agricultural chemical manufacturing	\$13,715,000	8.25
Sawmill, woodworking, and paper machinery	\$11,969,000	37.47
Food product machinery manufacturing	\$7,634,000	22.45
Frozen cakes and other pastries manufacturing	\$7,166,000	62.57
Paper mills	\$6,916,000	9.09
Veterinary services	\$5,045,000	54.81
Animal, except poultry, slaughtering	\$4,955,000	6.74
Breweries	\$3,673,000	13.53
Other snack food manufacturing	\$3,164,000	3.97
Grain farming	\$2,645,000	10.66
All other crop farming	\$2,231,000	74.80
Roasted nuts and peanut butter manufacturing	\$2,127,000	3.88
Oilseed farming	\$1,680,000	2.43
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$1,644,000	18.20
Greenhouse, nursery, and floriculture production	\$1,584,000	5.72
Support activities for agriculture and forestry	\$1,227,000	72.44
Commercial hunting and trapping	\$913,000	19.08

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Sector	Total Output	Total Employment
Commercial logging	\$603,000	3.94
Forestry, forest products, and timber tract production	\$486,000	3.73
Poultry and egg production	\$441,000	0.52
Animal production, except cattle and poultry and eggs	\$345,000	3.18
Fiber, yarn, and thread mills	\$238,000	0.90
Vegetable and melon farming	\$141,000	0.60
Fruit farming	\$83,000	0.40
Tree nut farming	\$4,000	0.02

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 43 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