

Kansas

8/11/2020

Background Statistics¹

Number of farms: 58,569

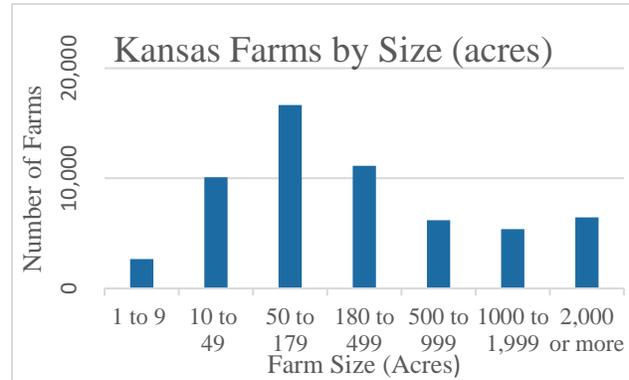
Average farm size: 781 acres

Land in farms: 45,759,319 acres

Average value of products sold per farm: \$320,964

Average net cash farm income per farm: \$49,291

1: Data from USDA 2017 Census of Agriculture



Economic Contribution of Agriculture and Agriculture Related Sectors to the Kansas Economy

Methodology

The estimated economic contribution of agriculture and agriculture related sectors was computed using the most recent IMPLAN data available (2018) adjusted for 2020. The IMPLAN modeling system was used to calculate the results of this analysis. The IMPLAN model was constructed so that double counting was avoided. For this report, 71 agriculture and agriculture related sectors were identified and analyzed to determine their overall contribution to the Kansas Economy.

Results

The 71 identified sectors have a total direct output of approximately **\$49.2 billion** and support **136,274 jobs** in Kansas. Running the model for all 71 sectors simultaneously produces the following results:

Agriculture, Food, and Food Processing Sector Contribution to Overall Kansas Economy					
Contribution Type	Employment	% Employment	Total Value Added	% of Gross Regional Product	Output
Direct Effect	136,274	7%	\$10,690,700,000	6%	\$49,249,400,000
Indirect Effect	65,315	3%	\$6,764,500,000	4%	\$13,778,400,000
Induced Effect	48,469	3%	\$4,076,300,000	2%	\$7,281,900,000
Total Effect	250,058	13%	\$21,531,400,000	12%	\$70,309,800,000

As shown in the above table, agriculture and agriculture related sectors support **250,058 jobs**, or **13%** of the entire workforce in the state. The total final sales of all products in these sectors is approximately **\$70.3 billion**.

Another metric used to calculate the importance of sectors in an economy is their value added as a percentage of Gross Regional Product (GRP). Total value added by the 71 sectors is approximately **\$21.5 billion**, or **12%** of the GRP.

The following tables document top sectors affected by employment and output, as well as a listing of all sectors that were analyzed.

Top Ten Sectors by Employment

This table also illustrates the top ten sectors by total employment, including direct, indirect, and induced effects, in Kansas. The Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming is the top employer in the agriculture industry with **38,973 jobs**.

Description	Total Employment
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	38,973
Grain farming	12,333
Animal, except poultry, slaughtering	11,730
Landscape and horticultural services	11,378
Other real estate	10,641
Support activities for agriculture and forestry	9,666
Truck transportation	9,009
Meat processed from carcasses	6,775
Wholesale - Other nondurable goods merchant wholesalers	6,664
All other crop farming	5,368

Top Ten Sectors by Output

This table shows how much revenue is generated in other sectors by having a strong agriculture industry, 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 with approximately **\$8.7 billion** to the Kansas economy.

Description	Total Output
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$8,651,600,000
Animal, except poultry, slaughtering	\$8,551,100,000
Grain farming	\$4,618,300,000
Dog and cat food manufacturing	\$3,798,400,000
Meat processed from carcasses	\$3,640,300,000
Farm machinery and equipment manufacturing	\$2,002,700,000
Other real estate	\$1,990,300,000
Wholesale - Other nondurable goods merchant wholesalers	\$1,941,900,000
Other animal food manufacturing	\$1,748,400,000
Oilseed farming	\$1,701,700,000

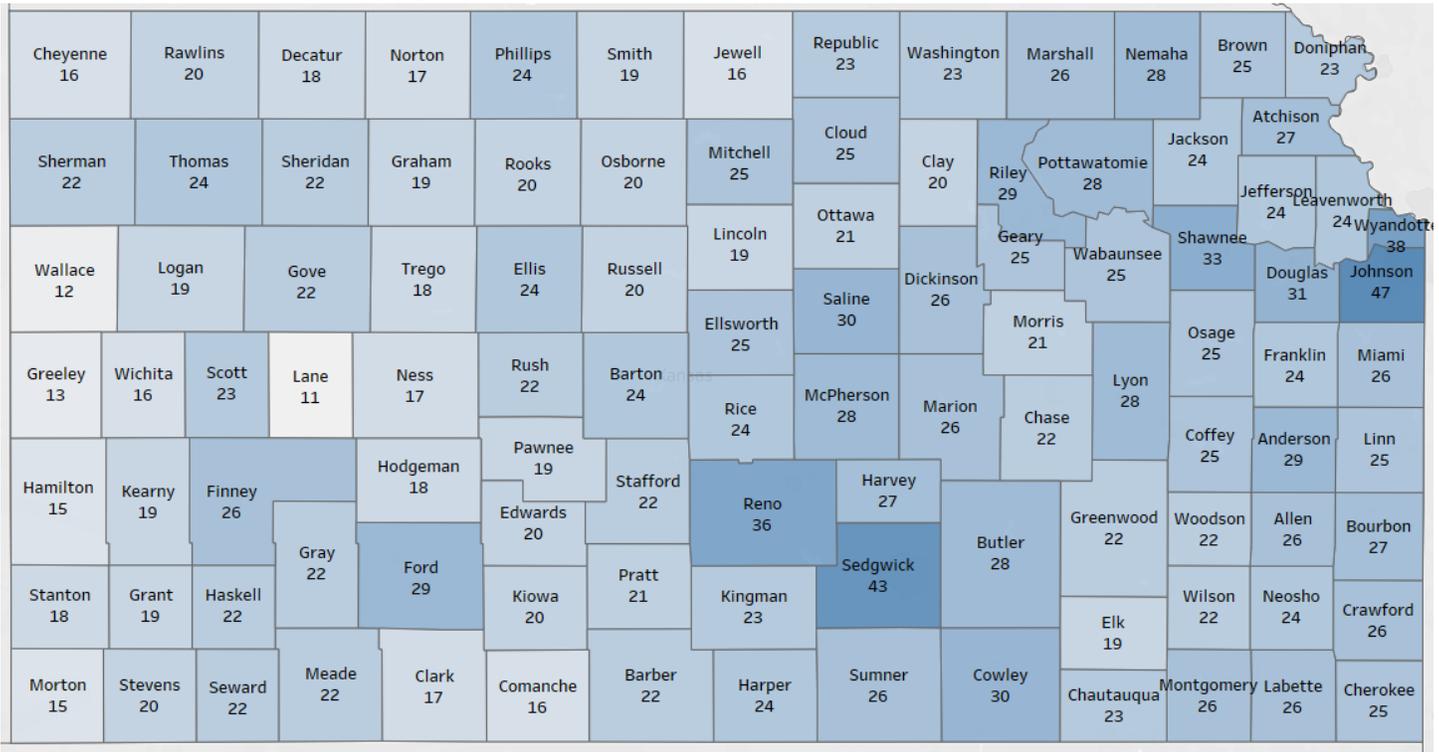
All Direct Sectors

Below is a summary of all agriculture data with employment levels and output level. These values can tell how many jobs are represented by each agriculture, food, and food processing sector and the output they contributed to the Kansas economy. Implan sectors are assigned based on North American Industry Classification System (NAICS) codes. Generally, this analysis includes three categories; production, manufacturing/processing, and services. Note that this analysis does not include wholesale or retail sales of final products, or ethanol production.

Description	Output (USD)	Employment
Beef cattle ranching and farming, including feedlots and dual-purpose ranching	\$8,651,629,146.27	38,972.70
Animal, except poultry, slaughtering	\$8,551,112,576.26	11,730.13
Grain farming	\$4,618,290,872.02	12,332.59
Dog and cat food manufacturing	\$3,798,374,987.16	2,640.85
Meat processed from carcasses	\$3,640,313,758.69	6,774.82
Farm machinery and equipment manufacturing	\$2,002,728,917.69	4,651.34
Other animal food manufacturing	\$1,748,385,384.08	1,559.89
Oilseed farming	\$1,701,687,940.65	1,594.16
Flavoring syrup and concentrate manufacturing	\$1,496,940,039.71	472.20
Flour milling	\$1,203,130,298.56	950.48
All other food manufacturing	\$761,854,674.34	2,041.13
Lawn and garden equipment manufacturing	\$739,967,825.41	1,425.90
Landscape and horticultural services	\$717,460,505.84	11,377.81
Fats and oils refining and blending	\$669,255,458.45	388.07
Soybean and other oilseed processing	\$643,353,107.89	128.33
Animal production, except cattle and poultry	\$596,750,144.79	3,500.62
Dairy cattle and milk production	\$591,232,335.67	901.74
Confectionery manufacturing from purchased chocolate	\$519,543,097.32	1,422.03
Bread and bakery product, except frozen, manufacturing	\$490,490,266.53	3,120.02
Support activities for agriculture and forestry	\$490,197,758.91	9,665.88
Frozen specialties manufacturing	\$486,642,354.40	1,228.24
Other snack food manufacturing	\$486,422,762.16	984.19
Bottled and canned soft drinks & water	\$483,031,016.83	620.58
Spice and extract manufacturing	\$414,661,560.84	652.52
Dry, condensed, and evaporated dairy product manufacturing	\$349,157,715.54	255.97
Veterinary services	\$326,251,526.15	3,293.15
Nitrogenous fertilizer manufacturing	\$273,749,934.52	250.88
All other crop farming	\$221,381,301.09	5,368.02
Food product machinery manufacturing	\$211,179,617.37	673.41
Cookie and cracker manufacturing	\$180,946,365.09	444.48
Dry pasta, mixes, and dough manufacturing	\$172,359,533.89	263.27
Fluid milk manufacturing	\$155,745,882.28	207.46
Frozen cakes and other pastries manufacturing	\$135,642,973.86	1,522.09

Paperboard mills	\$134,952,977.02	155.51
Cotton farming	\$129,599,976.96	868.44
Chocolate and confectionery manufacturing from cacao beans	\$119,347,986.35	165.40
Pesticide and other agricultural chemical manufacturing	\$119,136,804.31	82.96
Breakfast cereal manufacturing	\$105,587,738.97	114.41
Poultry and egg production	\$104,644,090.05	128.48
Canned fruits and vegetables manufacturing	\$81,411,024.25	163.89
Breweries	\$78,444,185.54	193.91
Tobacco product manufacturing	\$74,899,775.71	29.54
Wet corn milling	\$73,331,670.75	35.53
Coffee and tea manufacturing	\$69,117,897.70	97.74
Fertilizer mixing	\$62,787,446.77	112.99
Greenhouse, nursery, and floriculture production	\$62,177,642.28	453.79
Rendering and meat byproduct processing	\$57,171,690.93	148.69
Roasted nuts and peanut butter manufacturing	\$53,678,321.97	128.95
Phosphatic fertilizer manufacturing	\$43,867,272.28	43.57
Wineries	\$42,760,555.54	141.15
Distilleries	\$35,683,367.04	39.35
Nonchocolate confectionery manufacturing	\$33,256,744.46	74.64
Dehydrated food products manufacturing	\$32,268,142.85	67.02
Frozen fruits, juices and	\$30,179,772.17	62.25
Paper mills	\$24,335,273.85	30.65
Vegetable and melon farming	\$22,682,238.79	141.18
Commercial logging	\$21,137,556.64	317.00
Other chemical and fertilizer mineral mining	\$20,789,761.69	100.70
Leather and hide tanning and finishing	\$19,837,284.23	69.73
Sawmills	\$11,427,493.30	48.64
Commercial hunting and trapping	\$11,380,856.09	478.48
Forestry, forest products, and timber tract production	\$10,660,472.38	124.59
Poultry processing	\$9,609,102.87	29.59
Sawmill, woodworking, and paper machinery	\$6,110,711.07	23.21
Other leather and allied product manufacturing	\$5,601,092.50	70.09
Fruit farming	\$3,339,475.12	28.19
Tree nut farming	\$3,037,293.26	59.00
Narrow fabric mills and schiffli machine embroidery	\$2,721,257.61	18.05
Fiber, yarn, and thread mills	\$1,635,716.47	5.84
Knit fabric mills	\$938,689.78	5.73

Of the 71 agriculture and agriculture related sectors present in the state, only some are present in each county. The map below displays how many sectors are present in each county. For more county-level information please view the county economic contribution reports [here](#).



The following terms are used throughout the results shown in 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 state
- **Induced effect:** the contribution from employees of farms, agricultural businesses, and supporting industries spending their wages on goods and services within the state
- **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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