

Finney County

Estimated Economic Contribution of Agriculture, Food, and Food Processing Sectors 6/26/2019

Using the most recent IMPLAN data available (2017) adjusted for 2019, 26 agriculture, food, and food processing sectors were analyzed to determine their overall contribution to the Finney County economy.¹

These 26 sectors have a total direct output of approximately **\$2.80 billion** and support **4,972 jobs** in Finney County. Running the model for all 26 sectors simultaneously produces the following results:

Agriculture, Food, and Food Processing Sector Contribution to Overall Finney County Economy					
Contribution Type ²	Employment	% Employment	Total Value Added ³	Total Value Added % of Gross Regional Product ⁴	Output ⁵
Direct Effect	4971.9	20.90%	\$462,484,254	24.28%	\$2,803,605,870
Indirect Effect	1756.3	7.38%	\$171,294,598	8.99%	\$313,372,958
Induced Effect	1657.4	6.97%	\$119,652,003	6.28%	\$209,986,958
Total Effect	8385.5	35.25%	\$753,430,855	39.55%	\$3,326,965,786

As shown in the above table, agriculture, food, and food processing sectors support **8,386 jobs**, or **35.25%** of the entire workforce in the county.

Another metric used to calculate the importance of sectors in an economy is their value added as a percentage of GRP. Total value added by the 26 agriculture, food, and food processing sectors is approximately **\$753.4 million**, or **39.55% of the GRP**.

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

¹ Article on building a contribution analysis in IMPLAN that avoids double counting:

<https://implanhelp.zendesk.com/hc/en-us/articles/115002801513-Considerations-of-Contribution-Analysis>

² Direct, indirect, and induced effects sum together to estimate the total economic contribution in the state. **Direct effects** capture the contribution from agricultural and food products. **Indirect effects** capture the economic benefit from farms and agricultural businesses purchasing inputs from supporting industries within the state. **Induced effects** capture the benefits created when employees of farms, agricultural businesses, and the supporting industries spend their wages on goods and services within the state.

³ Value added = labor income + indirect business taxes + other property type income.

⁴ GRP = final demand of households + governments expenditures + capital + exports - imports - institutional sales.

⁵ Output = intermediate inputs + value added.

In the top ten agriculture, food, and food processing sectors by employment, the meat processed from carcasses sector is the top employer with **3,167 employees**. This table also shows the amount of jobs that are created by the agriculture industry in Finney County.

Top Ten Agriculture, Food, and Food Processing Sectors by Employment		
Sector	Total Employment	Total Output
Meat processed from carcasses	3,167.2	\$1,595,394,104
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	670.8	\$383,032,357
Wholesale trade	508.2	\$112,721,724
Dry, condensed, and evaporated dairy product manufacturing	355.4	\$498,480,538
Truck transportation	287.8	\$48,561,960
Support activities for agriculture and forestry	240.4	\$32,773,887
Limited-service restaurants	161.4	\$12,831,687
Full-service restaurants	161.3	\$7,639,868
Real estate	157.9	\$24,955,485
Hospitals	151.4	\$26,326,241

The meat processed from carcasses sector directly contributes approximately **\$1.60 billion** to the Finney County economy. The table below also shows the amount of revenue that is generated in other industries by having a strong agriculture industry.

Top Ten Agriculture, Food, and Food Processing Sectors by Output		
Sector	Total Employment	Total Output
Meat processed from carcasses	3,167.2	\$1,595,394,104
Dry, condensed, and evaporated dairy product manufacturing	355.4	\$498,480,538
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	670.8	\$383,032,357
Grain farming	91.0	\$128,646,804
Wholesale trade	508.2	\$112,721,724
Truck transportation	287.8	\$48,561,960
Canned fruits and vegetables manufacturing	99.8	\$46,980,399
Owner-occupied dwellings	0.0	\$33,170,462
Support activities for agriculture and forestry	240.4	\$32,773,887
Animal, except poultry, slaughtering	39.0	\$27,050,662

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 Finney County economy.

All Agriculture, Food, and Food Processing Sectors		
Sector	Total Employment	Total Output
Oilseed farming	2.2	\$7,783,818.72
Grain farming	91.0	\$128,646,804.81
Vegetable and melon farming	3.6	\$720,074.18
Fruit farming	0.5	\$39,401.20
Tree nut farming	0.0	\$29.20
Greenhouse, nursery, and floriculture production	5.1	\$675,122.26
All other crop farming	6.5	\$1,841,726.42
Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	670.8	\$383,032,348.63
Dairy cattle and milk production	7.2	\$3,062,465.43
Poultry and egg production	0.7	\$733,582.85
Animal production, except cattle and poultry and eggs	1.8	\$578,347.21
Commercial logging	2.8	\$79,566.20
Commercial hunting and trapping	2.7	\$43,895.93
Support activities for agriculture and forestry	240.4	\$32,773,887.63
Other animal food manufacturing	16.6	\$20,167,060.85
Canned fruits and vegetables manufacturing	99.8	\$46,980,400.09
Dry, condensed, and evaporated dairy product manufacturing	355.4	\$498,480,560.30
Animal, except poultry, slaughtering	39.0	\$27,050,662.99
Meat processed from carcasses	3167.2	\$1,595,394,165.04
Bread and bakery product, except frozen, manufacturing	80.3	\$11,714,756.01
Frozen cakes and other pastries manufacturing	1.8	\$279,240.73
Tortilla manufacturing	37.0	\$8,040,775.30
Fertilizer mixing	37.0	\$20,929,964.07
Farm machinery and equipment manufacturing	26.1	\$10,003,291.13
Veterinary services	21.2	\$2,088,257.31
Landscape and horticultural services	55.3	\$2,465,741.63

All 105 counties in Kansas have an IMPLAN model and an agriculture, food, and food processing contribution summary. These values do not factor in the retail environment of food sales. Food retail is important, but in order to provide the most accurate picture of what production agricultural and processing contributes to Finney County, the retail sector was omitted.