This publication provides estimates of the total (multiplier-based) economic impact of agriculture in Wilson County. This analysis accounts for the total effect of county agriculture throughout the local economy. Economic impact is measured in terms of: 1) output or revenue (the value of sales of all local goods and services) and 2) employment.

For Wilson County in 2015:

1) Total direct agricultural output is estimated at $937.7 million. With multiplier effects, agricultural output has a total estimated economic impact of $1.3 billion. This means, for every dollar of direct output from agriculture, the total economic impact on the county’s economy is $1.34 (i.e., the 1,258.0 divided by the 937.7) (Figure 1, “Output”).

2) There are 2,344 workers employed in county agriculture. With multiplier effects, an estimated 5,280 jobs are generated by county agriculture, or one direct agricultural job leads to 2.25 jobs (i.e., 5,280 divided by 2,344) in the county (Figure 1, “Employment”).

Contact Author: dhughel7@utk.edu, 865-974-7463. For an explanation of the model used, see Hughes 2018. For state-level impacts, see Menard et al., 2016.
The output multiplier is $1.34. A dollar of output in agriculture leads to $1.34 in county-level output (i.e., the dollar plus the $0.34 multiplier effect).

The employment multiplier is 2.25. A job in agriculture leads to 2.25 in county-level jobs (i.e., the job plus the 1.25 multiplier).

References

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Figure 1. Agriculture’s impact on Wilson County output and employment, 2015.