

## ERS Peer Review Plan

Preliminary Title: Measuring the Agriculture Supply Chain: Output, Value Added, Employment, and Payroll from Firms Upstream of Farms

Type of Report (ERR, EIB, EB) ERR

Agency: Economic Research Service [X] Influential Scientific Information  
USDA [ ] Highly Influential Scientific Assessment

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Subject of Review: Agricultural production in the United States relies on a wide array of inputs. Identifying the industries that contribute to the production of these inputs and quantifying the activity that supports the agriculture and food supply chain informs several high priority needs, including documenting the contribution of agriculture to the U.S. economy, determining potential off-farm sources of productivity growth, and better describing the spatial distribution of economic activity in the supply chain. We use input-output (I/O) analysis to estimate the value of output, value added, employee compensation, and employment associated with economic activity upstream of agricultural producers in the agriculture and food supply chain. We find that economic activity upstream of agricultural producers in the agriculture and food supply chain accounts for over \$417 billion in total output, \$188 billion in value added, \$90 billion in payroll, and just over 1.2 million jobs. These results directly support a more comprehensive accounting of the total contribution of the agriculture and food supply chain to the U.S. economy. They also serve as a foundation for further identifying the potential sources of productivity growth in domestic agricultural production and the spatial distribution of economic activity in the agriculture and food supply chain.

Purpose of Review: The purpose of the review is to ensure the high-quality of the economic analysis, transparent explanation of methods, objective interpretation of results, and effective communication to the intended audience.

Type of Review: [ ] Panel Review [X] Individual Reviewers  
[ ] Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 11/20/2024 Completed: ----

Number of Reviewers: [ ] 3 or fewer [X] 4 to 10 [ ] More than 10

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: [X] Agency [ ] Designated Outside Organization

