ERS Peer Review Plan

Preliminary Title: Adapting Ag-FEDS for Food Dollar and Resources Multiplier Analysis

Type of Report (ERR, EIB, EB)   TB

[X]   Influential Scientific Information

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

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Subject of Review: This report provides documentation for two multiplier models, the Food Dollar 2.0 and the Resource Requirements of Food Demand, which were developed by the USDA, Economic Research Service (ERS). The multiplier models are applications of the ERS's Agri-food Economic Data System, known as Ag-FEDS, which leverages national economic statistics to answer questions about the food system such as "How much value is added along different parts of the domestic food supply chain?" and "How are natural and human resources used throughout the U.S. food system?" In this report, three refinements to Ag-FEDS for use in these multiplier models are documented: 1) complete passthrough accounting, 2) partitioning of import/export commodity flows, and 3) inclusion of non-farm food commodities. Then, the derivation of the multipliers for Food Dollar 2.0 and Resource Requirements of Food Demand are presented.

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: 4/2/2025   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

Opportunities for Public Comment?   [ ]   Yes   [X]   No

   If yes, briefly state how and when these opportunities will be provided:

   How:

   When:

Peer Reviewers Provided with Public Comments?   [ ]   Yes   [X]   No

Public Nominations Requested for Review Panel?   [ ]   Yes   [X]   No