

ERS Peer Review Plan

Preliminary Title: Assessing the Comparability of Global Experiential and Model-Based Food Security Measures: Evidence from the Food Insecurity Experiential Scale and the Global Food Assessment

Type of Report (ERR, EIB, EB) ERR

Influential Scientific Information

Agency: Economic Research Service Highly Influential Scientific Assessment
USDA

Agency Contact: Jeffrey Hopkins, jeffrey.w.hopkins@usda.gov

Subject of Review: Food security measurement is essential to identify who lacks sufficient food to meet basic needs. The choice between available measures also shapes how food security is understood and addressed. The food security measures used most frequently are either experiential, derived from survey responses, or model-based, estimated from national level data. These approaches have differing strengths, weaknesses, and costs. Model-based measures are easier and less expensive to implement, but experiential measures can offer more nuanced estimates with varying classifications of food insecurity. Data users are often faced with multiple food security measures when assessing policy outcomes and monitoring food security levels. Surveys and models capture different components of food insecurity, and a comparison of the measures can inform users which approach may be most appropriate in different circumstances.

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 Individual Reviewers

Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 8/4/2025 Completed:

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

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: Agency Designated Outside Organization

Opportunities for Public Comment? Yes No

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

How:

When:

