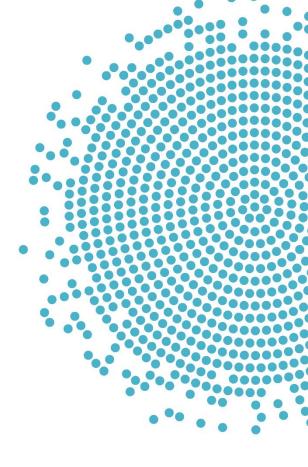


Food Sources of Saturated Fat and Cardiovascular Disease: A Systematic Review Protocol

Deanna M Hoelscher, PhD, RDN, LD, CNS, FISBNPA, a,b Cheryl A.M. Anderson, PhD, MPH, MS, a,c Sarah Booth, PhD, a,d Andrea Deierlein, PhD, MPH, MS, a,e Teresa Fung, ScD, RD, a,f Christopher Gardner, PhD, a,g Edward Giovannucci, MD, ScD, a,h Hollie Raynor, PhD, RD, LDN, a,f Fatima Cody Stanford, MD, MPH, MPA, MBA, FAAP, FACP, FAHA, FAMWA, FTOS, a,h Sameera Talegawkar, PhD, a,f Chris Taylor, PhD, RDN, LD, FAND, a,k Deirdre Tobias, ScD, a,h Julie Obbagy, PhD, RD, Julia H. Kim, PhD, MPH, RD, Brittany J. Kingshipp, PhD, Ramkripa Raghavan, DrPH, MPH, MSc, Molly Higgins, MLIS, Gisela Butera, MEd, MLIS, Nancy Terry, MLIS





^a Dietary Patterns and Specific Dietary Pattern Components Across Life Stages Subcommittee, 2025 Dietary Guidelines Advisory Committee

^b UT Health Houston School of Public Health, Subcommittee Chair

^c University of California San Diego

^d Tufts University, Committee Chair

e New York University

^f Simmons University

g Stanford University

^h Harvard University

ⁱ University of Tennessee Knoxville

¹ The George Washington University

k The Ohio State University

¹ Branch Chief, Nutrition Evidence Systematic Review (NESR) Branch; Nutrition Guidance and Analysis Division (NGAD), Center for Nutrition Policy and Promotion (CNPP), Food and Nutrition Service (FNS), U.S. Department of Agriculture (USDA)

^m Systematic Review Analyst, NESR Branch; NGAD, CNPP, FNS, USDA

ⁿ Systematic Review Librarian, NESR Branch; NGAD, CNPP, FNS, USDA

[°] Biomedical Librarian/Informationist, National Institutes of Health Library

Systematic review protocol: Food sources of saturated fat and cardiovascular disease

Suggested citation: Hoelscher DM, Anderson C, Booth S, Deierlein A, Fung T, Gardner C, Giovannucci E, Raynor H, Stanford FC, Talegawkar S, Taylor C, Tobias D, Obbagy J, Kim JH, Kingshipp BJ, Raghavan R, Higgins M, Butera G, Terry N. Food Sources of Saturated Fat and Risk of Cardiovascular Disease: A Systematic Review Protocol. October 2023. U.S. Department of Agriculture, Food and Nutrition Service, Center for Nutrition Policy and Promotion, Nutrition Evidence Systematic Review. Available at: https://nesr.usda.gov/protocols

The contents of this document may be used and reprinted without permission. Endorsements by NESR, NGAD, CNPP, FNS, or USDA of derivative products developed from this work may not be stated or implied.

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons using assistive technology should be able to access information in this report. For further assistance please email <u>SM.FN.NESR@USDA.gov</u>.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at How to File a Program Discrimination Complaint and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by:

- (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410;
- (2) fax: (202) 690-7442; or
- (3) email: program.intake@usda.gov.

USDA is an equal opportunity provider, employer, and lender.

Table of contents

Table of contents Introduction	3
Introduction	4
Methods	4
Develop a protocol	
Develop an analytic framework	5
Develop inclusion and exclusion criteria	6
Search for and screen studies	10
Extract data and assess the risk of bias	10
Synthesize the evidence	10
Develop [a] conclusion statement[s] and grade the evidence	10
Recommend future research	11
Acknowledgments and funding	11
Table 1. Review history	4
Table 2. Protocol revisions	5
Table 3. Inclusion and exclusion criteria	7
Figure 1. Analytic framework for the systematic review question: What is the relationship between food sources of saturated fat consumed and risk of cardiovascular disease?	6

Introduction

To prepare for the development of the *Dietary Guidelines for Americans, 2025-2030*, the U.S. Departments of Health and Human Services (HHS) and Agriculture (USDA) identified a proposed list of scientific questions based on relevance, importance, potential federal impact, and avoiding duplication, which were posted for public comment.* The Departments appointed the 2025 Dietary Guidelines Advisory Committee (Committee) in January 2023 to review evidence on the scientific questions. The proposed scientific questions were refined and prioritized by the Committee for consideration in their review of the evidence. Their review forms the basis of their independent, science-based advice and recommendations to HHS and USDA, which is considered as the Departments develop the next edition of the *Dietary Guidelines*. As part of that process, the following systematic review question has been identified: What is the relationship between food sources of saturated fat consumed and risk of cardiovascular disease?

The Committee will conduct a systematic review to address this question, with support from USDA's Nutrition Evidence Systematic Review (NESR) team (**Table 1**).

Table 1. Review history

Date	Description	Citation
October 2023	Systematic review protocol for the 2025 Dietary Guidelines Advisory Committee published online	Hoelscher DM, Anderson C, Booth S, Deierlein A, Fung T, Gardner C, Giovannucci E, Raynor H, Stanford FC, Talegawkar S, Taylor C, Tobias D, Obbagy J, Kim JH, Kingshipp BJ, Raghavan R, Higgins M, Butera G, Terry N. Food Sources of Saturated Fat and Risk of Cardiovascular Disease: A Systematic Review Protocol. October 2023. U.S. Department of Agriculture, Food and Nutrition Service, Center for Nutrition Policy and Promotion, Nutrition Evidence Systematic Review. Available at: https://nesr.usda.gov/protocols
February 2024	Revisions to the systematic review protocol for the 2025 Dietary Guidelines Advisory Committee published online	Hoelscher DM, Anderson C, Booth S, Deierlein A, Fung T, Gardner C, Giovannucci E, Raynor H, Stanford FC, Talegawkar S, Taylor C, Tobias D, Obbagy J, Kim JH, Kingshipp BJ, Raghavan R, Higgins M, Butera G, Terry N. Food Sources of Saturated Fat and Risk of Cardiovascular Disease: A Systematic Review Protocol. October 2023. U.S. Department of Agriculture, Food and Nutrition Service, Center for Nutrition Policy and Promotion, Nutrition Evidence Systematic Review. Available at: https://nesr.usda.gov/protocols

Methods

The NESR methodology manual[†] has a detailed description of the NESR methodology as it will be applied in the systematic reviews for the Dietary Guidelines for Americans, 2025-2030 Project. This section presents an overview of the specific methods that will be used by the Committee to answer the systematic review question: What is the relationship between food sources of saturated fat consumed and risk of cardiovascular disease?

^{*} Dietary Guidelines for Americans: Learn About the Process. 2022. Available at: https://www.dietaryguidelines.gov/work-under-way/learn-about-process

[†] USDA Nutrition Evidence Systematic Review Branch. USDA Nutrition Evidence Systematic Review: Methodology Manual. February 2023. U.S. Department of Agriculture, Food and Nutrition Service, Center for Nutrition Policy and Promotion, Nutrition Evidence Systematic Review. Available at: https://nesr.usda.gov/methodology-overview

Develop a protocol

A systematic review protocol is the plan for how NESR's methodology will be used to conduct a specific systematic review and is established by the Committee, *a priori*, before any evidence is reviewed. The protocol is designed to capture the most appropriate and relevant body of evidence to answer the systematic review question. Development of the protocol involves discussion of the strengths and limitations of various methodological approaches relevant to the question, which then inform subsequent steps of the systematic review process. The protocol describes all of the methods that will be used throughout the systematic review process. Additionally, the protocol includes the following components, which are tailored to each systematic review question: the analytic framework, the inclusion and exclusion criteria, and the synthesis plan.

The protocol for this systematic review was posted online (https://nesr.usda.gov/protocols) in October 2023. Revisions to the systematic review protocol were made during the review process. These revisions are documented in **Table 2**.

Table 2. Protocol revisions

Date	Protocol revision	Description	
January 2024 Inclusion and exclusion criteria were added for sample size, specifying that only those intervention studies with ≥30 participants per study group or that report a power calculation indicating that the study is appropriately powered for the outcome(s) of interest will be included.		This revision was made to enable focus on a stronger body of evidence by including intervention studies with adequate statistical power to detect differences in the outcome(s) of interest. This edit also ensures consistency with the protocol for the systematic review on dietary patterns and cardiovascular disease. This revision was made before any evidence was synthesized.	
January 2024	Inclusion and exclusion criteria for publication date were updated to document that the review will include studies published through January 2024.	This revision was made to document the final publication date range covered by the literature search.	

Develop an analytic framework

An analytic framework visually represents the overall scope of the systematic review question and depicts the contributing elements that will be examined and evaluated. Figure 1 is the analytic framework for the systematic review and shows that the intervention or exposure of interest is the consumption of food sources of saturated fatty acids (SFA) from: animal sources of saturated fat, such as dairy products (e.g., milk, cheese, yogurt, ice cream); meat (e.g., white meat, red meat, processed meat); solid fats (e.g., butter, ghee, tallow, lard); plant sources of saturated fat, such as tropical food sources/oils (e.g., palm oil, coconut oil, cocoa butter, coconut); and mixed/other food sources (e.g., shortening, baked goods) in children and adolescents (ages 2 up to 19 years), and adults and older adults (19 years and older). The comparators are consumption of different amounts of the same source (including no consumption), consumption of different food sources of SFA, consumption of similar food sources with different amounts of SFA (e.g., low fat dairy vs full-fat dairy), replacement with food sources of carbohydrate and/or protein, and consumption of food sources of monounsaturated fatty acids (MUFA), or polyunsaturated fatty acids (PUFA) (e.g., oils, nuts, fish). In children, adolescents, adults and older adults, the outcomes include LDL cholesterol, HDL cholesterol, triglycerides, hyperlipidemia, blood pressure (systolic and diastolic), and hypertension; and in adults and older adults, the outcomes also include cardiovascular disease (CVD) morbidity (e.g., myocardial infarction, coronary heart disease, coronary artery disease, congestive heart failure, peripheral artery disease (PAD), stroke), or composite CVD morbidity and CVD mortality, and CVD-related mortality. The key confounders are sex, age, race and/or ethnicity, socioeconomic position, physical activity, anthropometry, smoking (adults), alcohol intake (adults), diet quality, and total energy intake. The key confounders may impact the relationships of interest.

Figure 1. Analytic framework for the systematic review question: What is the relationship between food sources of saturated fat consumed and risk of cardiovascular disease?

Population	Intervention/ exposure	Comparator	Outcome	Key confounders
Children and adolescents (2 up to 19 years) Adults and older adults (19 years and older)	Consumption of food sources¹ of saturated fatty acids: • Animal sources of saturated fat • Dairy products (e.g., milk, cheese, yogurt, ice cream) • Meat (e.g., white meat, red meat, processed meat) • Solid fats (e.g., butter, ghee, tallow, lard) • Plant sources of saturated fat • Tropical food sources / oils (e.g., palm oil, coconut oil, cocoa butter, coconut) • Mixed/other food sources (e.g., shortening, baked goods)	Consumption of a different amount of the same food source (including no consumption) Consumption of different food sources of saturated fatty acids Consumption of similar food sources with different amounts of saturated fatty acids (e.g., low fat dairy vs full fat dairy) Replacement with food sources of carbohydrate and/or protein Consumption of food sources of monounsaturated, polyunsaturated fatty acids (e.g., oils, nuts, fish)	In children and adolescents, adults and older adults LDL cholesterol HDL cholesterol Triglycerides Hyperlipidemia Blood pressure (systolic, diastolic) Hypertension In adults and older adults CVD morbidity (e.g., myocardial infarction, coronary heart disease, coronary artery disease, congestive heart failure, peripheral artery disease, stroke) or composite CVD morbidity and CVD mortality	Sex Age Race and/or ethnicity Socioeconomic position Physical activity Anthropometry Smoking (adults) Alcohol intake (adults) Diet quality Total energy intake
			CVD-related mortality	

Synthesis organization:

- I. Population: Children and adolescents; adults and older adults
 - a. Intervention/exposure: Food sources of saturated fatty acids1
 - i. Outcome: LDL cholesterol, HDL cholesterol, Triglycerides, Hyperlipidemia, Blood pressure (systolic, diastolic), Hypertension
- II. Population: Adults and older adults
 - a. Intervention/exposure: Food sources of saturated fatty acids1
 - i. Outcome: CVD morbidity (e.g., myocardial infarction, coronary heart disease, coronary artery disease, congestive heart failure, peripheral artery disease, stroke) or composite CVD morbidity and CVD mortality, CVD-related mortality

Key definitions:

¹Food sources of saturated fatty acids considered include - Animal sources of saturated fat: meat (e.g., white meat, red meat, processed meat), dairy products (e.g., milk, cheese, yogurt, ice cream), solid fats (e.g., butter, ghee, tallow, lard); Plant sources of saturated fat: Tropical food sources/oils (e.g., palm oil, coconut oil, cocoa butter, coconut); Mixed/other food sources (e.g., shortening, baked goods)

Develop inclusion and exclusion criteria

The inclusion and exclusion criteria provide an objective, consistent, and transparent framework for determining which articles to include in the systematic review (see Table 3). These criteria ensure that the most relevant and appropriate body of evidence is identified for the systematic review question, and that the evidence reviewed is:

- Applicable to the U.S. population of interest
- Relevant to Federal public health nutrition policies and programs
- Rigorous from a scientific perspective

Table 3. Inclusion and exclusion criteria

Category	Inclusion Criteria	Exclusion Criteria
Study design	 Randomized controlled trials Non-randomized controlled trials Prospective cohort studies Retrospective cohort studies Nested case-control studies 	 Uncontrolled trials† Case-control studies Cross-sectional studies Ecological studies Narrative reviews Systematic reviews Meta-analyses Modeling and simulation studies
Publication date	January 1990 – January 2024	Before January 1990, after January 2024
Population: Study participants	• Human	Non-human
Population: Life stage	 At intervention, exposure, and outcome: Children and adolescents (2 up to 19 years) Adults and older adults (19 years and older) Individuals during pregnancy Individuals during postpartum 	

^{*} Including quasi-experimental and controlled before-and-after studies

[†] Including uncontrolled before-and-after studies

Category	Inclusion Criteria	Exclusion Criteria	
Population: Health status	 Studies that exclusively enroll participants not diagnosed with a disease* Studies that exclusively enroll participants with elevated blood pressure or high cholesterol and are evaluating cardiovascular disease endpoint outcomes Studies that enroll some participants: diagnosed with a disease; diagnosed with a disorder that affects feeding/eating or growth (e.g., autism spectrum disorder, attention-deficit/hyperactivity disorder, eating disorders); with severe undernutrition, failure to thrive/underweight, stunting, or wasting; hospitalized for an illness, injury, or surgery; pre- or post-bariatric surgery; receiving pharmacotherapy to treat obesity; and/or with the outcome of interest. 		
Intervention/ exposure	 Consumption of food sources of saturated fatty acids: Animal sources of saturated fat Dairy products (e.g., milk, cheese, yogurt, ice cream) Meat (e.g., white meat, red meat, processed meat) Solid fats (e.g., butter, ghee, tallow, lard) Plant sources of saturated fat Tropical food sources / oils (e.g., palm oil, coconut oil, cocoa butter, coconut) Mixed/other food sources (e.g., shortening, baked goods) 	 Studies that do not assess consumption of food sources of saturated fat (e.g., studies that only examined biomarkers for consumption) Studies that only assess total saturated fat intake, total fat intake or overall macronutrient composition Studies that only examine % of total energy intake from or grams/day of saturated fatty acids Studies that examine food sources not widely available to U.S. consumers Multi-component interventions that do not isolate the impact of specific sources of saturated fat Studies evaluating only non-fat dairy products 	
Comparator	 Consumption of a different amount of the same food source (including no consumption) Consumption of different food sources of saturated fatty acids (e.g., dairy vs meat; butter vs chocolate) Consumption of similar food sources with different amounts of saturated fatty acids (lean vs. non-lean beef; low-fat vs full-fat dairy; low-fat vs full-fat milk; low consumption vs high consumption of whole milk) Replacement with food sources of carbohydrate 	 No comparator Studies that compare to food sources of <i>trans</i> fatty acids (e.g., partially hydrogenated oils) 	

(consider type e.g., simple or complex) and/or protein Consumption of food sources of monounsaturated, and/or polyunsaturated fatty acids (e.g., oils, nuts, fish)

^{*} Studies that enroll participants who are at risk for chronic disease will be included

[†] Studies that exclusively enroll participants with obesity will be included

[‡] Studies that exclusively enroll participants post-cesarean section will be included

Category	Inclusion Criteria	Exclusion Criteria
Outcomes	 In children and adolescents, adults and older adults LDL cholesterol HDL cholesterol Triglycerides Hyperlipidemia Blood pressure (systolic, diastolic) Hypertension In adults and older adults CVD morbidity (e.g., myocardial infarction, coronary heart disease, coronary artery disease, congestive heart failure, peripheral artery disease, stroke) or composite CVD morbidity and CVD mortality CVD-related mortality 	 Studies that only assess post-prandial lipid levels (i.e., total, LDL-, and HDL-cholesterol, and/or triglycerides) Studies that only assess serum/plasma lipid ratios (i.e., TC:HDL, LDL:HDL ratios) Studies that only assess total cholesterol
Confounders	Studies that control for at least one of the key confounders listed in the analytic framework	Studies that do not control for any of the key confounders listed in the analytic framework
Study duration	Intervention length ≥ 4 weeks	Intervention length < 4 weeks
Size of study groups (not applied to pregnancy and postpartum studies)	 For intervention studies: ≥30 participants per study group for between-subject analyses, or a power calculation indicating that the study is appropriately powered for the outcome(s) of interest 	 For intervention studies: <30 participants per study group for between-subject analyses, and no power calculation indicating that the study is appropriately powered for the outcome(s) of interest
Publication status	Peer-reviewed articles published in research journals	Non-peer-reviewed articles, unpublished data or manuscripts, pre-prints, reports, editorials, retracted articles, and conference abstracts or proceedings
Language	Published in English	Not published in English
Country*	Studies conducted in countries classified as high or very high on the Human Development Index the year(s) the intervention/exposure data were collected	Studies conducted in countries classified as medium or low on the Human Development Index the year(s) the intervention/exposure data were collected

^{*} The classification of countries on the Human Development Index (HDI) is based on the UN Development Program Human Development Report Office (http://hdr.undp.org/en/data) for the year the study intervention occurred or data were collected. If the study does not report the year(s) in which the intervention/exposure data were collected, the HDI classification for the year of publication is applied. Studies conducted prior to 1990 are classified based on 1990 HDI classifications. If the year is more recent than the available HDI values, then the most recent HDI classifications are used. If a country is not listed in the HDI, then the current country classification from the World Bank is used (The World Bank Country and Lending Groups, available from: https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-country-and-lending-groups)

Search for and screen studies

NESR librarians, in collaboration with NESR analysts and the Committee, will use the analytic framework and inclusion and exclusion criteria to develop a comprehensive literature search strategy. The literature search strategy will include selecting and searching the appropriate bibliographic databases, translating search using syntax appropriate for the databases being searched, and employing search refinements, such as search filters. The full literature search will be available upon request, and will be fully documented in the final review.

The results of all electronic database searches, after removal of duplicates, will be screened independently by two NESR analysts using a step-wise process by reviewing titles, abstracts, and full-texts to determine which articles meet the inclusion criteria. Manual searching will be conducted to find peer-reviewed published articles not identified through the electronic database search. These articles will also be screened independently by two NESR analysts at the abstract and full-text levels.

Extract data and assess the risk of bias

NESR analysts will extract all essential data from each included article to describe key characteristics of the available evidence, such as the author, publication year, cohort/trial name, study design, population life stage at intervention/exposure and outcome, intervention/exposure and outcome assessment methods, and outcomes. One NESR analyst will extract the data and a second NESR analyst will review the extracted data for accuracy. Each article included in the systematic review will undergo a formal risk of bias assessment, with two NESR analysts independently completing the risk of bias assessment using the tool that is appropriate for the study design.*†‡

Synthesize the evidence

The Committee will describe, compare, and combine the evidence from all included studies to answer the systematic review question. Synthesis of the body of evidence will involve identifying overarching themes or key concepts from the findings, identifying and explaining similarities and differences between studies, and determining whether certain factors impact the relationships being examined. The first level of synthesis organization will be by population. Then, within each of the population groups, the evidence will be organized by similar intervention/exposure based on the available evidence. Depending on the available evidence, the next level of organization will be according to similar outcomes.

Develop [a] conclusion statement[s] and grade the evidence

After the Committee synthesizes the body of evidence, they will draft a conclusion statement or conclusion statements. A conclusion statement is one or more summary statements carefully constructed to answer the systematic review question. It reflects the evidence reviewed, as outlined in the analytic framework (e.g., PICO elements) and synthesis plan, and does not take evidence from other sources into consideration. The Committee will review, discuss, and revise the conclusion statement until they reach agreement on wording that accurately reflect the body of evidence.

^{*} Sterne JAC, Savovic J, Page MJ, et al. RoB 2: a revised tool for assessing risk of bias in randomised trials. *BMJ*. Aug 28 2019;366:l4898.doi:10.1136/bmj.l4898

[†] Sterne JA, Hernan MA, Reeves BC, et al. ROBINS-I: a tool for assessing risk of bias in non-randomised studies of interventions. *BMJ*. Oct 12 2016;355:i4919.doi:10.1136/bmj.i4919

[‡] ROBINS-E Development Group., Higgins J, Morgan R, et al. Bias In Non-randomized Studies - of Exposure (ROBINS-E). 2022. https://www.riskofbias.info/welcome/robins-e-tool

The Committee will then assign a grade to each conclusion statement (i.e., strong, moderate, limited, or grade not assignable). The grade communicates the strength of the evidence supporting a specific conclusion statement to decision makers and stakeholders. NESR has predefined criteria, based on five grading elements that the Committee will use to evaluate and grade the strength of the evidence supporting each conclusion statement. The five grading elements are: consistency, precision, risk of bias, directness and generalizability of the evidence. Study design will also be considered during the grading process.

Recommend future research

The Committee will identify and document research gaps and methodological limitations throughout the systematic review process. These gaps and limitations will be used to develop research recommendations that describe the research, data, and methodological advances that are needed to strengthen the body of evidence on a particular topic. Rationales for the necessity of additional or stronger research may also be provided with the research recommendations.

Acknowledgments and funding

The Committee members are involved in: establishing all aspects of the protocol, which presents the plan for how they are planning to examine the scientific evidence, including the inclusion and exclusion criteria; reviewing all studies that meet the criteria the Committee sets; deliberating on the body of evidence for each question; and writing and grading the conclusion statements. The NESR team, with assistance from Federal staff from HHS and USDA (Kara Beckman, PhD; Jessica Bluto, MS, RDN, LD, CDCES, CSOWM; Dana DeSilva, PhD, RD; Kevin Kuczynski, MS, RD; Emily Levin, MPH, RDN; TusaRebecca Pannucci, PhD, MPH, RD; Julia Quam, MSPH, RND; Elizabeth Rahavi, RD) and Project Leadership (HHS: Janet de Jesus, MS, RD; USDA: Eve Stoody, PhD), supports the Committee by facilitating, executing, and documenting the work necessary to ensure the reviews are completed in accordance with NESR methodology. Contractor support was also provided by Panum Telecom (Verena McClain, MSc).

Funding: United States Department of Agriculture, Food and Nutrition Service, Center for Nutrition Policy and Promotion, Alexandria, VA