

NCCOR Member Call

July 19, 2023 | 2:00 pm ET

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Call In: 1-877-853-5247

Meeting ID: 913-5213-7740



Agenda

- Emerging Opportunities for NCCOR
- Steering Committee Updates
- Spotlight: 2025-2030 Dietary Guidelines Update by USDA's TusaRebecca Pannucci
- Workgroup Updates
- Communication Updates
- Announcements
- Calendar Reminders

Emerging Opportunities for NCCOR

Steering Committee Updates

September 20th Member Meeting

- Theme: Successful interventions from tobacco and teen pregnancy applied to childhood obesity
- Speakers:
 - Duane House, PhD, *Centers for Disease Control and Prevention, Implementation of Community-Wide Initiatives Designed to Reduce Teen Pregnancy: Measuring Progress in a 5-Year Project in 10 Communities* (confirmed)
 - Laura Davis, *Advocates for Youth*
 - Sally Herndon, MPH, *Tobacco Prevention and Control Branch, Division of Public Health, N.C. Department of Health and Human Services* (confirmed)
 - Jessica Rath, PhD and Elizabeth C. Hair, PhD, *Truth Initiative* (confirmed)

Spotlight:

2025-2030 Dietary Guidelines Update

TusaRebecca Pannucci, PhD, MPH, RD

2025 Dietary Guidelines Advisory Committee Update

TusaRebecca Pannucci, PhD, MPH, RD

Branch Chief, Nutrition and Economic Analysis

FNS, Center for Nutrition Policy and Promotion

U.S. Department of Agriculture

July 19, 2023



Overview of Meeting 2

- Subcommittee and Working Group Structure
- Question Refinement and Prioritization
- Protocol Development
- Opportunity for Public Comments
- Next Steps



2025 Dietary Guidelines Advisory Committee Subcommittee and Workgroup Structure and Membership

3

Chair / Vice Chair

Health Equity Working Group

Dietary Patterns and
Specific Dietary Pattern
Components Across
Life Stages

Diet in Pregnancy and
Birth through
Adolescence

Food Pattern Modeling
and Data Analysis

Strategies for
Individuals and Families
Related to Diet
Quality and Weight
Management

Meta-Analysis Working Group

<https://www.dietaryguidelines.gov/2025-advisory-committee/subcommittees>

Criteria for Question Refinement and Prioritization

Working Groups refined and prioritized its scientific questions, considering:

- Relevance
- Importance to public health
- Potential impact to federal food and nutrition programs
- Avoiding duplication of federal efforts
- Research availability



Protocol Development: Systematic Reviews and Food Pattern Modeling

- A protocol – or plan – is developed for questions answered using systematic review or food pattern modeling methodologies. A protocol describes how the methodology will be tailored to answer a specific question.
- The protocol is created **before** the Committee reviews the evidence and is made publicly available through DietaryGuidelines.gov for review and public comment.
- Presented at Meeting 2 included 32 systematic review protocols and 1 food pattern modeling protocol.
- All future protocols will be presented and discussed with the full Committee at a future meeting (September 2023 or January 2024).



Dietary
Guidelines
for Americans

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Check out the 2020- 2025 Edition!

Make Every Bite Count
with the *Dietary
Guidelines!*

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Get Involved

Learn more about the multiple
opportunities for public participation in
the process



Step 3: Advisory Committee Reviews Scientific Evidence

Learn more about the Committee's work.



2025 Dietary Guidelines Advisory Committee

Learn more about the role of the
Committee.

WORK UNDER WAY

Learn About the Process

Identify the Scientific Questions

Appoint the Advisory Committee

Advisory Committee Reviews Scientific Evidence

Develop the Dietary Guidelines for Americans, 2025-2030

Implement the Dietary Guidelines for Americans, 2025-2030

2025 Advisory Committee

About the Committee

Committee Resources

Scientific Questions

Examine the Evidence

Data Analysis

Food Pattern Modeling

Systematic Reviews

Get Involved

Submit a Comment

Attend Virtual Meetings

Meeting 1

Meeting 2

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2025 Dietary Guidelines Advisory Committee

Learn more about the role of the Committee.

Scientific Questions



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Dietary Guidelines for Americans | Work Under Way | Scientific Questions

Work Under Way

Learn About the Process

2025 Advisory Committee

Scientific Questions

Examine the Evidence

Get Involved

Scientific Questions



The 2025 Dietary Guidelines Advisory Committee (Committee) is examining a list of prioritized scientific questions, informed by the proposed list of scientific questions identified by HHS and USDA. The Committee divided into subcommittees to conduct its evidence review. Each question is addressed by one subcommittee; however, some topics (like dietary patterns) and populations (like older adults) are addressed in multiple questions and

sometimes by more than one subcommittee. The Committee is working collectively across subcommittees as it examines the evidence in preparation for developing its scientific report.

The Committee is using three scientific approaches to examine the evidence: data analysis, food pattern modeling, and systematic reviews. The protocol – or plan – for how each question will be examined, can be found on the [NESR's website](#), for questions being answered using systematic review, or on [DietaryGuidelines.gov](#) for questions being answered using [food pattern modeling](#). Protocols are now available for the majority of questions the Committee will examine during its evidence review. The data analysis plan that outline the process, strategy and analyses is in development. The few remaining protocols and data analysis plans will be posted after they are discussed by the Committee at a public meeting.

Subcommittee 1: Dietary Patterns and Specific Dietary Pattern Components Across Life Stages

Systematic Review Questions:

Dietary Patterns

What is the relationship between dietary patterns consumed and growth, body composition, and risk of obesity?

What is the relationship between dietary patterns consumed and risk of cardiovascular disease?

Subcommittee 2: Diet in Pregnancy and Birth through Adolescence

Systematic Review Questions:

What is the relationship between dietary patterns consumed during pregnancy and risk of [neurodevelopmental disorders of children](#)?

Subcommittee 3: Food Pattern Modeling and Data Analysis

Food Pattern Modeling Questions:

Should foods and beverages with lower nutrient density (i.e., those with added sugars, saturated

Subcommittee 4: Strategies for Individuals and Families Related to Diet Quality and Weight Management

Systematic Review Questions:

What is the relationship between frequency of meals and/or snacks and growth, body composition, and risk of obesity?

What is the relationship between frequency of meals and/or snacks and energy intake?

What is the relationship between frequency of meals and/or snacks and consuming a dietary pattern that is aligned with the Dietary Guidelines for Americans?

What is the relationship between portion size and growth, body composition, and risk of obesity?

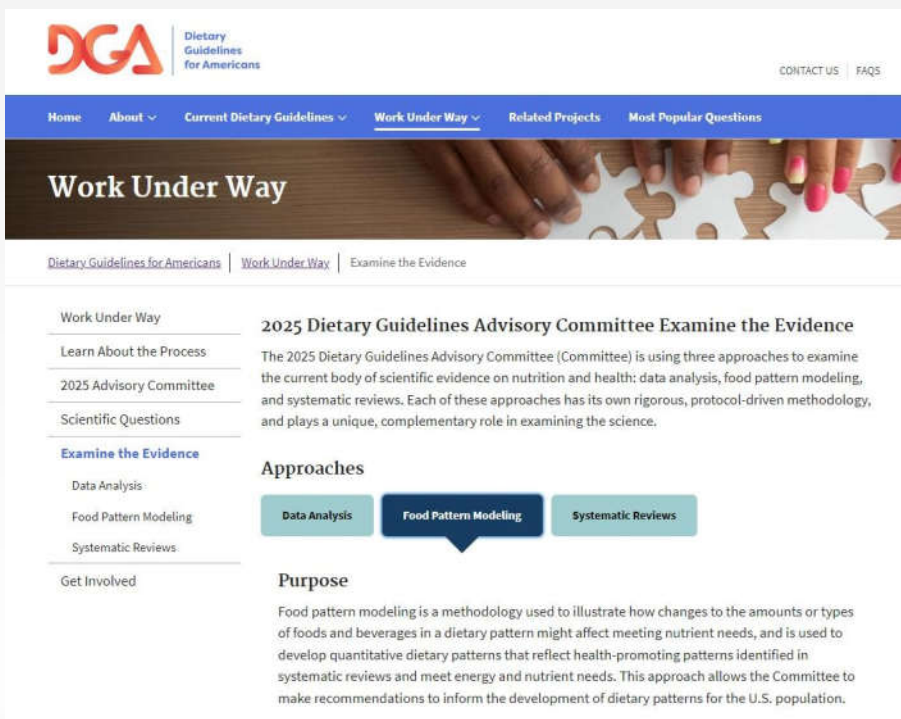
<https://www.dietaryguidelines.gov/scientific-questions>



National Collaborative on Childhood Obesity Research



Food Pattern Modeling



DGA Dietary Guidelines for Americans

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Work Under Way

Dietary Guidelines for Americans | **Work Under Way** | Examine the Evidence

Work Under Way

Learn About the Process

2025 Advisory Committee

Scientific Questions

Examine the Evidence

Data Analysis

Food Pattern Modeling

Systematic Reviews

Get Involved

2025 Dietary Guidelines Advisory Committee Examine the Evidence

The 2025 Dietary Guidelines Advisory Committee (Committee) is using three approaches to examine the current body of scientific evidence on nutrition and health: data analysis, food pattern modeling, and systematic reviews. Each of these approaches has its own rigorous, protocol-driven methodology, and plays a unique, complementary role in examining the science.

Approaches

Data Analysis **Food Pattern Modeling** Systematic Reviews


Purpose

Food pattern modeling is a methodology used to illustrate how changes to the amounts or types of foods and beverages in a dietary pattern might affect meeting nutrient needs, and is used to develop quantitative dietary patterns that reflect health-promoting patterns identified in systematic reviews and meet energy and nutrient needs. This approach allows the Committee to make recommendations to inform the development of dietary patterns for the U.S. population.

Protocols

The Committee has created the following protocol to describe how it will apply food pattern modeling methodology to answer the prioritized [scientific question](#). Each protocol is created before the Committee examines any evidence, and is posted below for the public to view and better understand the approach to answering a specific question.

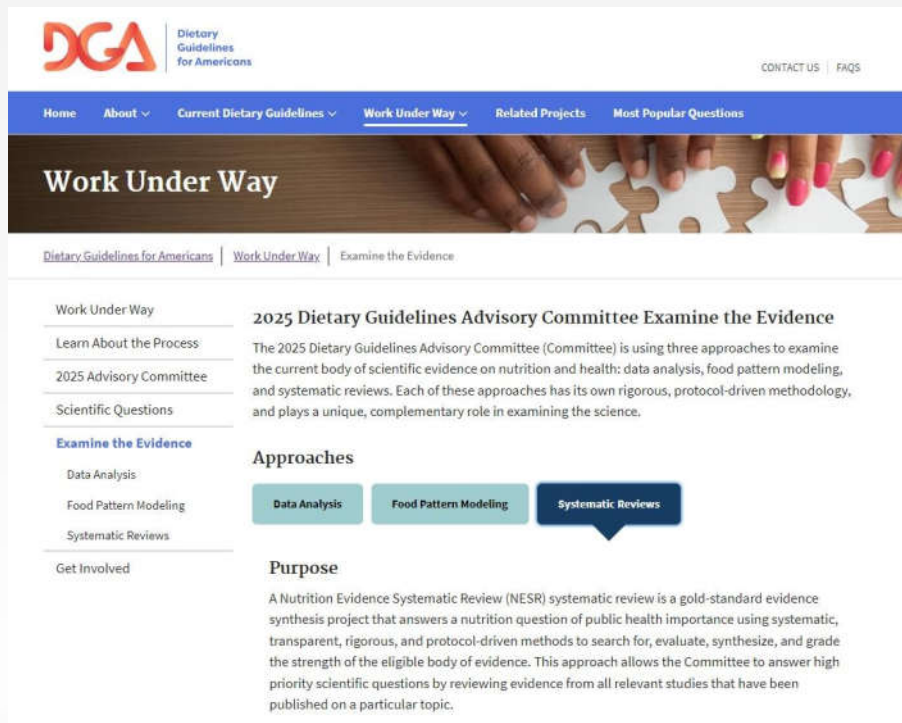
The public is encouraged to [submit written comments](#) to the Committee on topics relevant to its work, including on its protocols. Additional food pattern modeling protocols will be posted on this page after the full Committee has had an opportunity to review and discuss during the next public meeting. To see plans for the next round of protocol updates, view the Subcommittee 3 food pattern modeling presentation from [Meeting 2](#).

Date Posted	Topic	Status	Download
May 31, 2023	Should foods and beverages with lower nutrient density (i.e., those with added sugars, saturated fat, and sodium) contribute to item clusters, representative foods, and therefore the nutrient profiles for each food group and subgroup used in modeling the USDA Dietary Patterns?	Added May 31, 2023	

The "date posted" column shows when the plan was originally posted to this website, and the "status" column shows when the plan was most recently updated. When a review has been completed, the protocol will remain posted, and the status will be updated to "Completed."

<https://www.dietaryguidelines.gov/examine-evidence#food-pattern-modeling>

Systematic Reviews



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Work Under Way

Dietary Guidelines for Americans | Work Under Way | Examine the Evidence

Work Under Way

- Learn About the Process
- 2025 Advisory Committee
- Scientific Questions
- Examine the Evidence
 - Data Analysis
 - Food Pattern Modeling
 - Systematic Reviews
- Get Involved

2025 Dietary Guidelines Advisory Committee Examine the Evidence

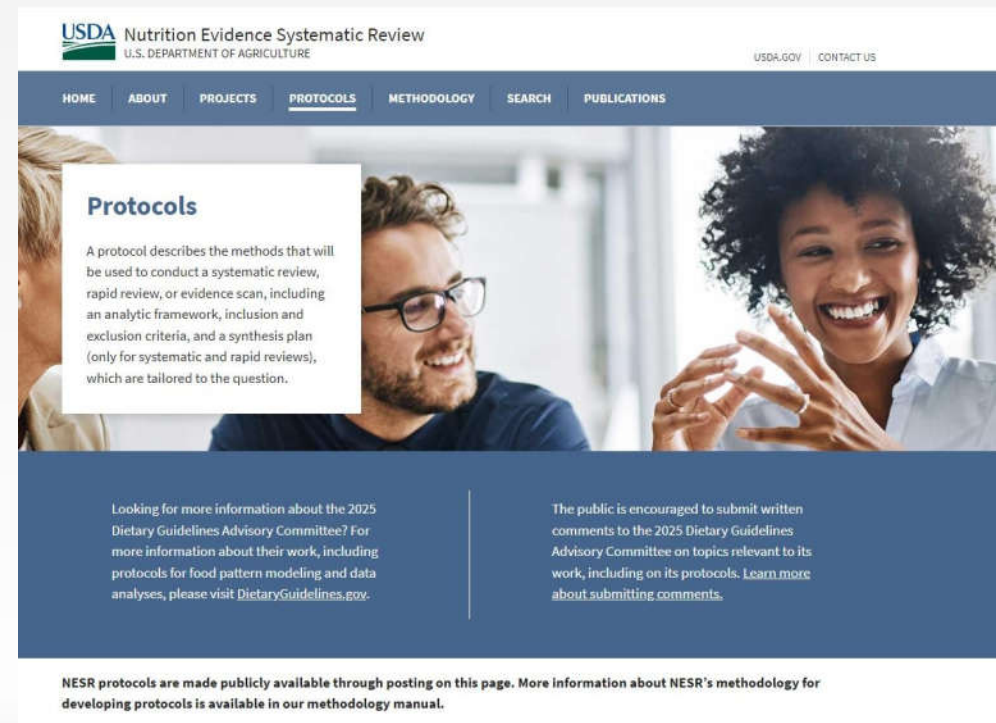
The 2025 Dietary Guidelines Advisory Committee (Committee) is using three approaches to examine the current body of scientific evidence on nutrition and health: data analysis, food pattern modeling, and systematic reviews. Each of these approaches has its own rigorous, protocol-driven methodology, and plays a unique, complementary role in examining the science.

Approaches

Data Analysis **Food Pattern Modeling** **Systematic Reviews**

Purpose

A Nutrition Evidence Systematic Review (NESR) systematic review is a gold-standard evidence synthesis project that answers a nutrition question of public health importance using systematic, transparent, rigorous, and protocol-driven methods to search for, evaluate, synthesize, and grade the strength of the eligible body of evidence. This approach allows the Committee to answer high priority scientific questions by reviewing evidence from all relevant studies that have been published on a particular topic.

USDA Nutrition Evidence Systematic Review
U.S. DEPARTMENT OF AGRICULTURE

USDA.GOV | CONTACT US

HOME ABOUT PROJECTS **PROTOCOLS** METHODOLOGY SEARCH PUBLICATIONS

Protocols

A protocol describes the methods that will be used to conduct a systematic review, rapid review, or evidence scan, including an analytic framework, inclusion and exclusion criteria, and a synthesis plan (only for systematic and rapid reviews), which are tailored to the question.

Looking for more information about the 2025 Dietary Guidelines Advisory Committee? For more information about their work, including protocols for food pattern modeling and data analyses, please visit [DietaryGuidelines.gov](https://www.dietaryguidelines.gov).

The public is encouraged to submit written comments to the 2025 Dietary Guidelines Advisory Committee on topics relevant to its work, including on its protocols. [Learn more about submitting comments.](#)

NESR protocols are made publicly available through posting on this page. More information about NESR's methodology for developing protocols is available in our methodology manual.

<https://www.dietaryguidelines.gov/examine-evidence#food-pattern-modeling>

Public Comments



The graphic features a purple background. At the top left is the DGA logo (DietaryGuidelines.gov) and the text "2025 DIETARY GUIDELINES ADVISORY COMMITTEE". In the center, the text "We want to HEAR from YOU" is displayed in white, with "HEAR" in all caps. Below this, it says "Submit public comments on the draft protocols to the 2025 Dietary Guidelines Advisory Committee". On the right side, there is an illustration of three hands holding megaphones, pointing towards the left.

DGA | 2025 DIETARY GUIDELINES ADVISORY COMMITTEE
DietaryGuidelines.gov

**We want to
HEAR from YOU**

Submit public comments
on the draft protocols to the
2025 Dietary Guidelines Advisory Committee

Requested by : June 30, 2023

Committee Disclosures

- All members are in compliance with the federal ethics laws and regulations governing conflicts of interest.
- In addition to the requirements under the Federal ethics laws and regulations, the individual Committee members are voluntarily disclosing relationships, activities, and interests that may potentially be related to the content of the Committee's scientific review, as defined by the International Committee of Medical Journal Editors.
- The disclosures represent a commitment to transparency and do not necessarily indicate a bias.
- The Committee works together to review the evidence on diet and health and to provide advice.
- The decisions of the Committee are collective, and therefore, the Committee is providing its disclosures collectively.

2025 Dietary Guidelines Advisory Committee Disclosures	
<p>All members of the 2025 Dietary Guidelines Advisory Committee (Committee) are in compliance with the Federal ethics laws and regulations governing conflicts of interest. All Committee members have complied with the reporting of all necessary financial information under these laws and any resulting recusal requirements.</p> <p>In addition to the requirements under the Federal ethics laws and regulations, the members of the Committee are voluntarily disclosing relationships, activities, and interests that may potentially be related to the content of the Committee's scientific review, as defined by the International Committee of Medical Journal Editors. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the Committee's report. These disclosures represent a commitment to transparency and do not necessarily indicate a bias. The Committee works together to review the evidence on diet and health and to provide its advice. The decisions of the Committee are collective, and therefore, the Committee is providing its disclosures collectively. When more than one member reported a relationship with the same entity, the total number of members with that relationship is noted in parentheses. Disclosures reflect the past 12 months.</p> <p>This form is an adapted version of the International Committee of Medical Journal Editors Disclosure Form. The entries were last updated on March 13, 2023.</p>	
All Entities with Whom Members of the Committee Listed a Relationship	
1. Grants or contracts from any entity	<ul style="list-style-type: none"> American Diabetes Association (2) American Society for Nutrition Andmore Institute of Health Bob Woodruff Foundation Bloomberg Initiatives Brigham and Women's Hospital (2) Cedars Sinai DC Department of Aging and Community Living (2) Department of Veterans Affairs Egg Nutrition Center ELI Lilly and Company European Commission Feeding America Global Health Consortium Mars Symbioscience McComick Science Institute Michael & Susan Dell Foundation Monika Health, Inc. National Cattlemen's Beef Association National Institute on Disability, Independent Living, and Rehabilitation Research National Science Foundation Novo Nordisk Ohio Department of Medicaid Robert R. McCormick Foundation Robert Wood Johnson Foundation Rockefeller Foundation Temple University Texas Department of State Health Services Texas Health and Human Services Commission United States Department of Agriculture (7) <ul style="list-style-type: none"> Agricultural Research Service National Institute of Food and Agriculture

https://www.dietaryguidelines.gov/sites/default/files/2023-04/2025_DGAC_Disclosures.pdf

Dietary Guidelines for Americans, 2025-2030 Timeline



2022

April 15–May 16

- Scientific questions for public comment

June 15–July 15

- 2025 Dietary Guidelines Advisory Committee nominations

2023

Advisory Committee Meetings

- Meeting 1 (February 9–10)
- Meeting 2 (May 10)
- Meeting 3 (September 13)



2024

Advisory Committee Meetings

- Meeting 4 (January 25)
- Meeting 5 (May 30)
- Meeting 6 (September 26)

Release Scientific Report



2025

Release Dietary Guidelines for Americans, 2025-2030



Step 1: Identify Scientific Questions

Step 2: Appoint the Committee

Step 3: Advisory Committee Reviews Scientific Evidence

Step 4: Develop the Dietary Guidelines

Legend



Opportunity for public input

2025 Dietary Guidelines Advisory Committee, Meeting 2
Opening Remarks



Thank You



Workgroup Updates

Van Do
NCCOR Coordinating Center

Workgroup Updates

- **Diet Assessment**
 - Commentary now online in the *Journal of the Academy of Nutrition and Dietetics*.
 - Poster session at *American Society for Nutrition* on July 23 at 11:45 am ET. "Count Every Bite to Make 'Every Bite Count': Measurement Gaps and Future Directions for Assessing Diet From Birth to 24 Months."
- **Economic Impact of Built Environment Improvements**
 - Adding data sources to Economic Indicators Library.
- **Implementation Science**
 - Identifying a consultant to develop a roadmap for implementation science applied to childhood obesity.

Workgroup Updates

- **Policy Lessons Learned from International, National, and Local Public Health Policy Efforts to Prevent Childhood Obesity**
 - A small group will start meeting on a bi-weekly basis to plan the first workshop.
- **PA Gaps**
 - Working with Laura Ballis at GSCN on concept mapping. A kick off call is early August.
- **State of the Science on Individual PA Measurement**
 - Met with consultants on draft table shells.
- **Sleep & Catalogue of Surveillance Systems**
 - Finalizing the abstraction of new sleep datasets being added to the CSS.

Communication Updates

Melissa Van Orman
NCCOR Coordinating Center

Poster Session at ASN

From the Dietary Assessment workgroup

- Meghan Zimmer, MPH
- Julie Obbagy, PhD, RD
- Kelley S. Scanlon, PhD, RD
- Kimberlea Gibbs, MPH, RD
- Jennifer L. Lerman, MPH, RD
- Heather C. Hamner, PhD, MS, MPH
- TusaRebecca Pannucci, PhD, MPH, RD
- Amanda Sharfman, MS, MPH
- Jill Reedy, PhD, MPH, RD
- Kirsten A. Herrick, PhD

Poster Session

Count Every Bite to Make 'Every Bite Count': Measurement Gaps and Future Directions for Assessing Diet from Birth to 24 Months

July 23, 2023

11:45-12:45 pm ET

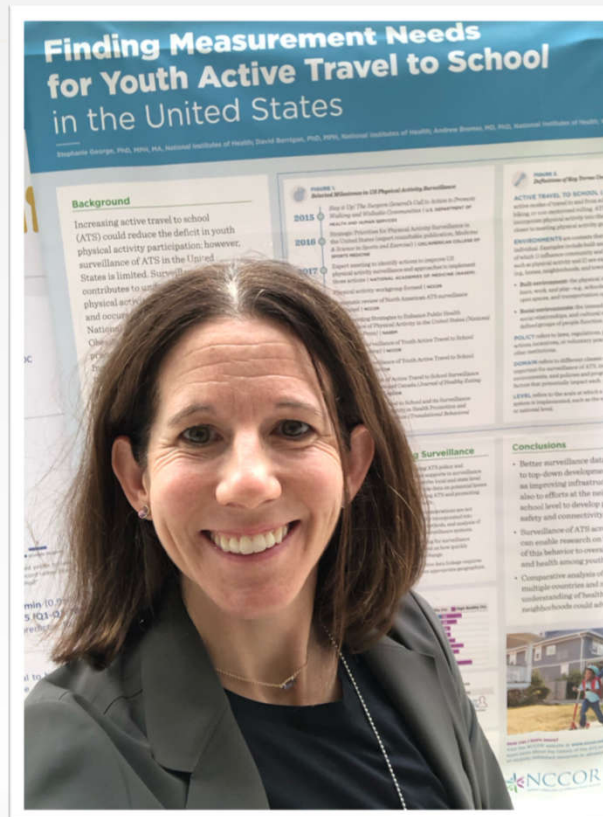
Hynes Convention Center Hall C



ICDAM Success!

Poster session from the Active Travel to School workgroup

- Stephanie George, PhD, MPH, MA
- David Berrigan, PhD, MPH
- Andrew Bremer, MD, PhD
- Van Do, MPH



Finding Measurement Needs for Youth Active Travel to School in the United States

Stephanie George, PhD, MPH, MA, National Institutes of Health; David Berrigan, PhD, MPH, National Institutes of Health; Andrew Bremer, MD, PhD, National Institutes of Health; Van Do, MPH, FHE 360

Background

Increasing active travel to school (ATS) could reduce the deficit in youth physical activity participation; however, surveillance of ATS in the United States is limited. Surveillance of ATS contributes to understanding children's physical activity, is influenced by context, and occurs within communities. The National Collaborative on Childhood Obesity Research (NCCOR)—a public-private partnership among the National Institutes of Health, the Centers for Disease Control and Prevention (CDC), the Robert Wood Johnson Foundation, and the US Department of Agriculture—formed a scientific workgroup to investigate surveillance of youth ATS in North America.

Review of Existing Surveillance of Youth ATS and Measures Used to Assess ATS

- In 2018, NCCOR worked with researchers at the University of North Carolina at Chapel Hill to conduct a systematic review that described existing surveillance of youth ATS and identified measures that have been used to assess ATS.
- Only four of which are (Canadian) surveillance systems met the review's structural definition for ATS surveillance, which was based on CDC's definition of public health surveillance and emphasized ongoing assessment of outcomes over time and use of consistent assessment measures and methods. National Household Travel Survey, Transport Tomorrow Survey, Quebec Longitudinal Study of Child Development, and COMPASS.

NCCOR Expert Workshop

- In October 2019, NCCOR convened a virtual workshop titled "Tapping Surveillance of Youth Active Travel to School" to explore key challenges related to surveillance and measurement of youth ATS. They also developed a participant survey to inform next steps and recommendations for ATS surveillance.
- The workshop convened leading experts to identify gaps in existing surveillance systems, proposed areas of system users (e.g., government officials, school administrators), and develop practical strategies and solutions to address these needs and strengthen surveillance where gaps exist.

Commentary on Active Travel to School

- The NCCOR workgroup published a commentary in *Translational Behavioral Medicine* that offered insights into strengthening surveillance and data collection of ATS behavior as well as ATS environmental, policy, and program supports.

Figure 1: Selected Milestones in US Physical Activity Surveillance

- 2015: Step 1 of The Surgeon General's Call to Action to Promote Walking and Wheelable Communities (i.e., assessment or measurement of physical activity)
- 2016: Strategic Priorities for Physical Activity Surveillance in the United States (expert consultation publication, *Medicine & Science in Sports and Exercise*) (i.e., assessment or measurement of physical activity)
- 2017: Expert meeting to identify strategies to improve US physical activity surveillance and approaches to implement those strategies (i.e., assessment or measurement of physical activity)
- 2018: Systematic review of North American ATS surveillance (i.e., assessment or measurement of physical activity)
- 2019: Implementing Strategies to Enhance Public Health Surveillance of Physical Activity in the United States (National Academies Press) (i.e., assessment or measurement of physical activity)
- 2020: Improving Surveillance of Youth Active Travel to School (expert workshop) (i.e., assessment or measurement of physical activity)
- 2021: Improving Surveillance of Youth Active Travel to School (white paper) (i.e., assessment or measurement of physical activity)
- 2022: Systematic Review of Active Travel to School Surveillance in the United States and Canada (*Journal of Health Behavior and Active Living*) (i.e., assessment or measurement of physical activity)
- 2022: Improving Active Travel to School and the Surveillance as Overlooked Opportunity in Health Promotion and Chronic Disease Prevention (*Translational Behavioral Medicine*) (i.e., assessment or measurement of physical activity)

Insights on Strengthening Surveillance

- Building on existing surveillance systems offers efficiency
- Self-reported measures and survey data are relevant and feasible for surveillance of ATS behavior (see Figure 1)
- Research using algorithmic measurement of the ATS can inform surveillance of actual behavior in active transport in the built environment (see Figure 4)
- Measures of perceived built environment support for ATS complement GPS and research collected environmental data (see Figure 4, 5 & 6)
- Including ATS policy and program supports in surveillance efforts at the local and state level can provide data on potential barriers for walking ATS and promoting child health
- Equity considerations are not sufficiently incorporated into surveillance systems
- Used testing for surveillance will depend on how quickly features change
- Informative data linkage requires data from appropriate organizations

Figure 5: Metrics of ATS Behavior

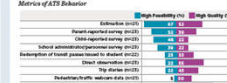


Figure 6: Youth ATS Behavior: Data Sources, Key Objectives and Perceived Measures



Figure 7: Environmental Support Metrics: Traffic/Safety Index

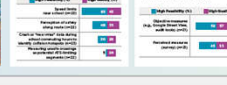


Figure 8: Environmental Support Metrics: Route/Route Index



Conclusions

- Better surveillance data could contribute to top-down development of policies such as improving infrastructure for ATS, but also to efforts at the neighborhood and school level to develop policies for better safety and connectivity.
- Surveillance of ATS across multiple levels can enable research on the contribution of this behavior to overall physical activity and health among youth.
- Comparative analysis of ATS in multiple countries and more complete understanding of healthy school neighborhoods could advance child health.



How can I learn more?
Visit the NCCOR website at www.nccor.org/learnmore to learn more about the history of the ATS project and discover a suite of recently published resources to advance research in this area.

NCCOR
National Collaborative on Childhood Obesity Research
www.nccor.org

Slide 25

AS0

[@Melissa Van Orman] can you add the information for the measurement poster as well

Amanda Sharfman, 2023-07-17T12:11:28.196

VD0 0

[@Melissa Van Orman] Stephanie George and Marissa Shams-White agreed to speak on the member call so you can call on them to share their updates on ICDAM

Van Do, 2023-07-17T13:27:46.322

ICDAM Success!

- Measurement workgroup
 - Marissa Shams-White, PhD, MSTOM, MS, MPH
 - David Berrigan, PhD, MPH
 - Amanda Sharfman, MS, MPH
 - Laura Kettel Khan, PhD, MIM
 - Ellen W. Stowe, PhD, MPH
 - Stephanie George, PhD, MPH, MA
 - Jill Reedy, PhD, MPH, RD

The National Collaborative on Childhood Obesity Research (NCCOR) Catalogue of Surveillance Systems and Measures Registry: Celebrating 10 years of progress and looking toward the future

Marissa Shams-White, PhD, MSTOM, MS, MPH; David Berrigan, PhD, MPH; Amanda Sharfman, MS, MPH; Laura Kettel Khan, PhD, MPH; Ellen W. Stowe, PhD, MPH; Stephanie George, PhD, MPH, MA; Jill Reedy, PhD, MPH, RD
National Collaborative on Childhood Obesity Research

Background

- A decade ago, much less was known about the macro-level determinants of childhood obesity: there was limited knowledge of available data and measures for research.
- NCCOR is a public-private partnership of the Centers for Disease Control and Prevention (CDC), the National Institutes of Health (NIH), the Robert Wood Johnson Foundation, and the US Department of Agriculture (USDA).
- NCCOR created two landmark tools to improve measurement and data access—the Catalogue of Surveillance Systems and the Measures Registry—that have grown with the field and are used worldwide.

The Catalogue of Surveillance Systems: Then and Now

A catalogue of publicly available datasets. Updated regularly since 2011, the catalogue has grown from 179 systems to 124 systems today.

Provides access to measures maintained by federal, state, academic, and private sector institutions that provide data related to health behaviors, outcomes, and determinants of obesity.

Search and filter by key variables, age groups, racial/ethnic groups, and study design.

Expanded over the last decade (Table 1), including:

- 80% more school-level data measures and 70% more community-level data measures.
- Large increases in measures of data in various needs/office groups.

Following the Catalogue's release in 2011, usage climbed to:

18,000 page visits in 2012
with 4,000–10,000 page visits yearly in subsequent years

The Measures Registry: Then and Now

A database of data and physical activity measures. 1,000+ new articles added since 2011; the number increased from 722 to 1,677 articles today. Downloading more than 100 datasets measures.

Each Registry entry is a published validation study including information on validity and reliability protocols as well as the use of the measure and settings, geographic areas, and populations for which the measure has been used.

Users can search and filter by domain, measure type, age, and context.

Expanded over the last decade (Table 2), including:

- Increases in measures for small towns/rural populations (up 120%)
- Increases in Spanish language measures
- Addition of measures for children 0–5 years

The Measures Registry has seen steady usage over the last decade, ranging from:

3,000–7,000 visits yearly

COMING SOON!

The Catalogue of Surveillance Systems will be adding several:

- Research suggests the importance of studying stress and its relationship with childhood obesity.
- NCCOR is adding stress as a key variable in the Catalogue to provide researchers with a data resource including intersecting variables on stress, diet, and physical activity.
- New stress variables include stress perception and severity, physical and social stress environments, and more.

Future Directions

- Increasing US childhood obesity rates among some groups reinforce the need for renewed attention to address this public health challenge.
- NCCOR's website highlights how these tools are used by professors, students, and researchers.
- Further work is needed to optimize the use of appropriate measures and increase access to data for surveillance, evaluation, and public health action.
- Moving forward, efforts need to address:
 - The dearth of measures for different racial/ethnic populations
 - Children with increased risk for obesity such as those with special health care needs and factors such as language, country of origin, and acculturation.
- A balance between tailored measures for diverse populations and standard measures.
- The interplay of measurement and equity: social determinants of health, and community engagement.
- Concrete efforts to engage communities in measure development and data collection (e.g., reinforcement for data inclusion of diverse students and community leaders).

The Measures Registry Resource Suite Expands

Since 2017, NCCOR has created three new resources to help users with measurement:

- Measures Registry User Guides** provide an overview of measurement, describe general principles of measurement selection, and promote user studies.
- Measures Registry Learning Modules** walk users through measurement selection in 5–15 minute modules and include quizzes to reinforce learning.
- Measures for children at high risk for obesity: Choosing whether to apply, adapt, or develop a measure** includes a decision tree that walks users through a series of questions regarding whether to develop, adapt, or apply an instrument for obesity measures in high-risk populations.

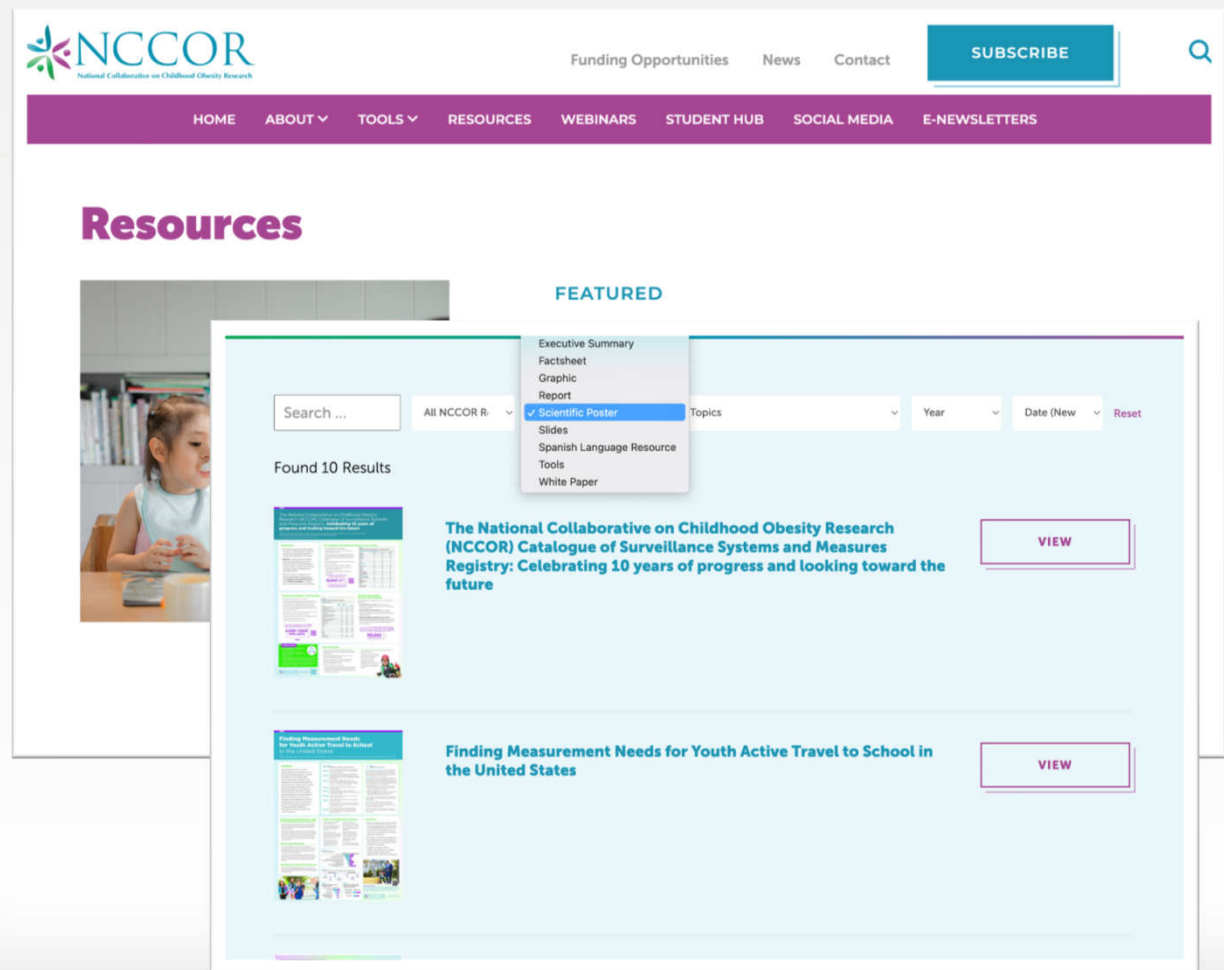
In 2020, all of the Measures Registry Resource Suite items were moved to a landing page which had 340,000 page views in 2020, 179,000 page views in 2021, and

392,000 page views in 2022

NCCOR
National Collaborative on Childhood Obesity Research
www.nccor.org

NCCOR Scientific Posters Online!

- The new NCCOR resource library contains an archive of NCCOR scientific posters.
- Please let us know if you have an NCCOR poster to add.



Upcoming Connect & Explore

- Join us for our next Connect & Explore webinar on September 7, 2023.
- The theme will be “Measuring Diet Quality Across the Lifespan: Introducing the New Healthy Eating Index.”
- [Please register](#) to attend.



Announcements

Questions?

Calendar Reminders

2023 Member Calls

- August 16
- October 18
- November 15
- December 20

2023 Member Meetings

- Wednesday, September 20 (virtual)

2024 Member Meetings

- Wednesday, February 28 (virtual)