NCCOR Member Call

July 19, 2023 | 2:00 pm ET

Having audio issues? Try dialing in.

Call In: 1-877-853-5247
Meeting ID: 913-5213-7740

NCCOR
National Collaborative on Childhood Obesity Research

Accelerating Progress to Reduce Childhood Obesity

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

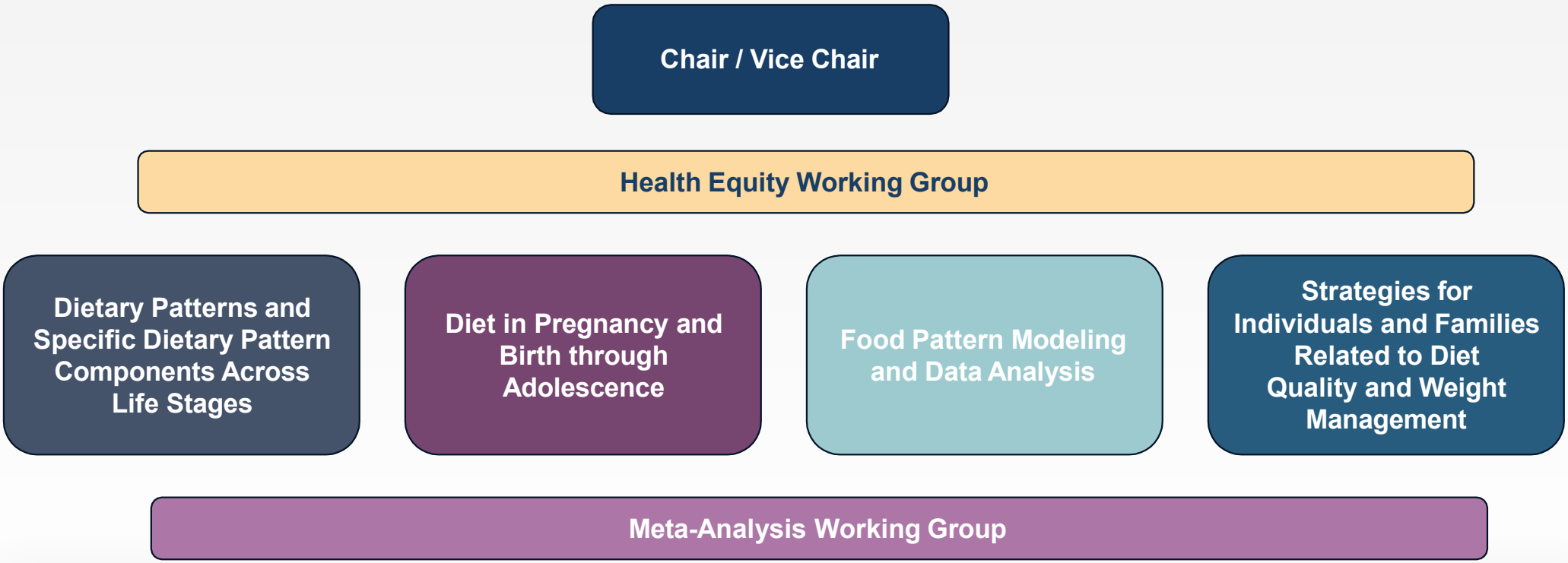
July 19, 2023

DietaryGuidelines.gov

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



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

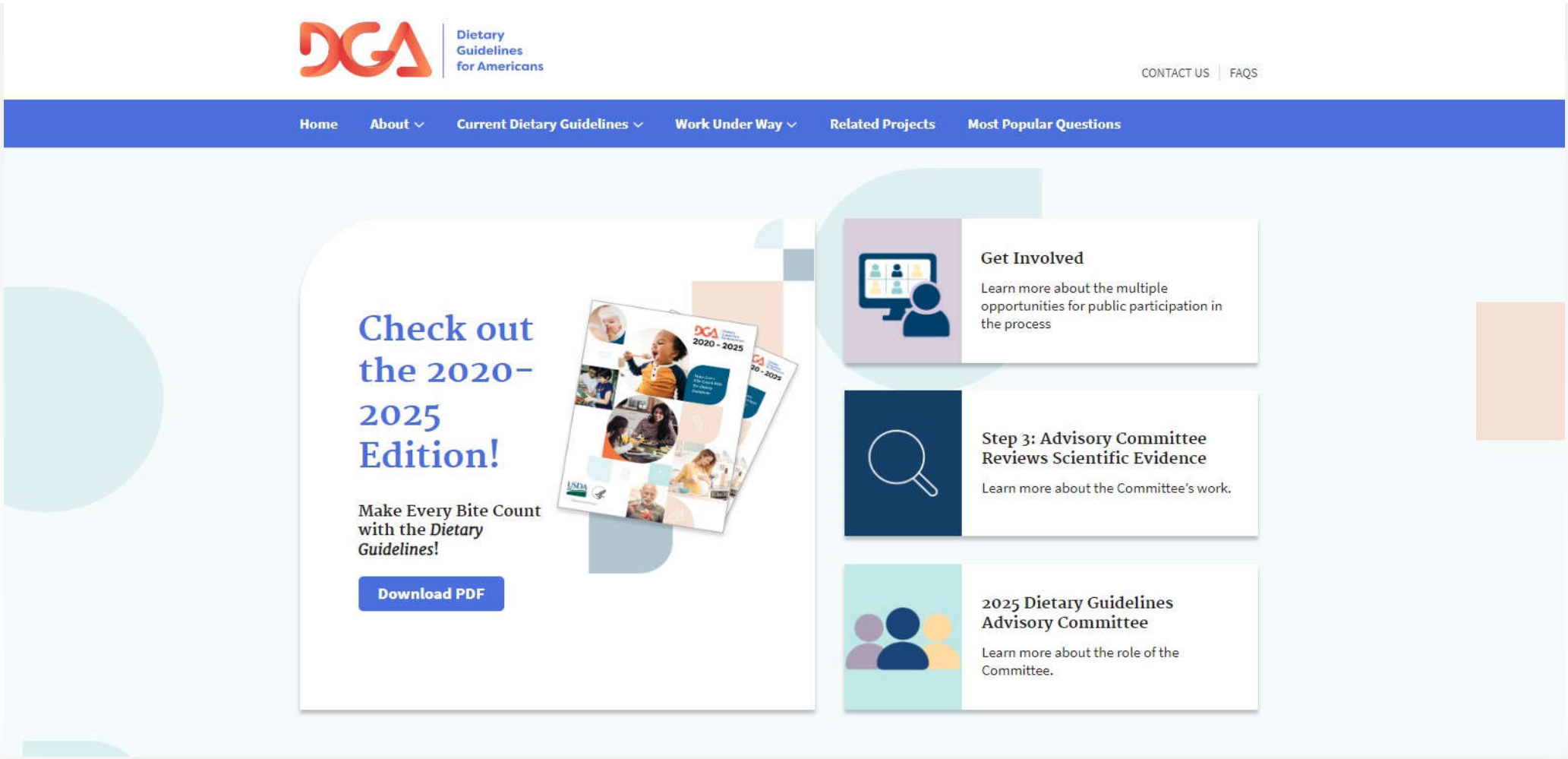
Criteria for Question Refinement and Prioritization

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).



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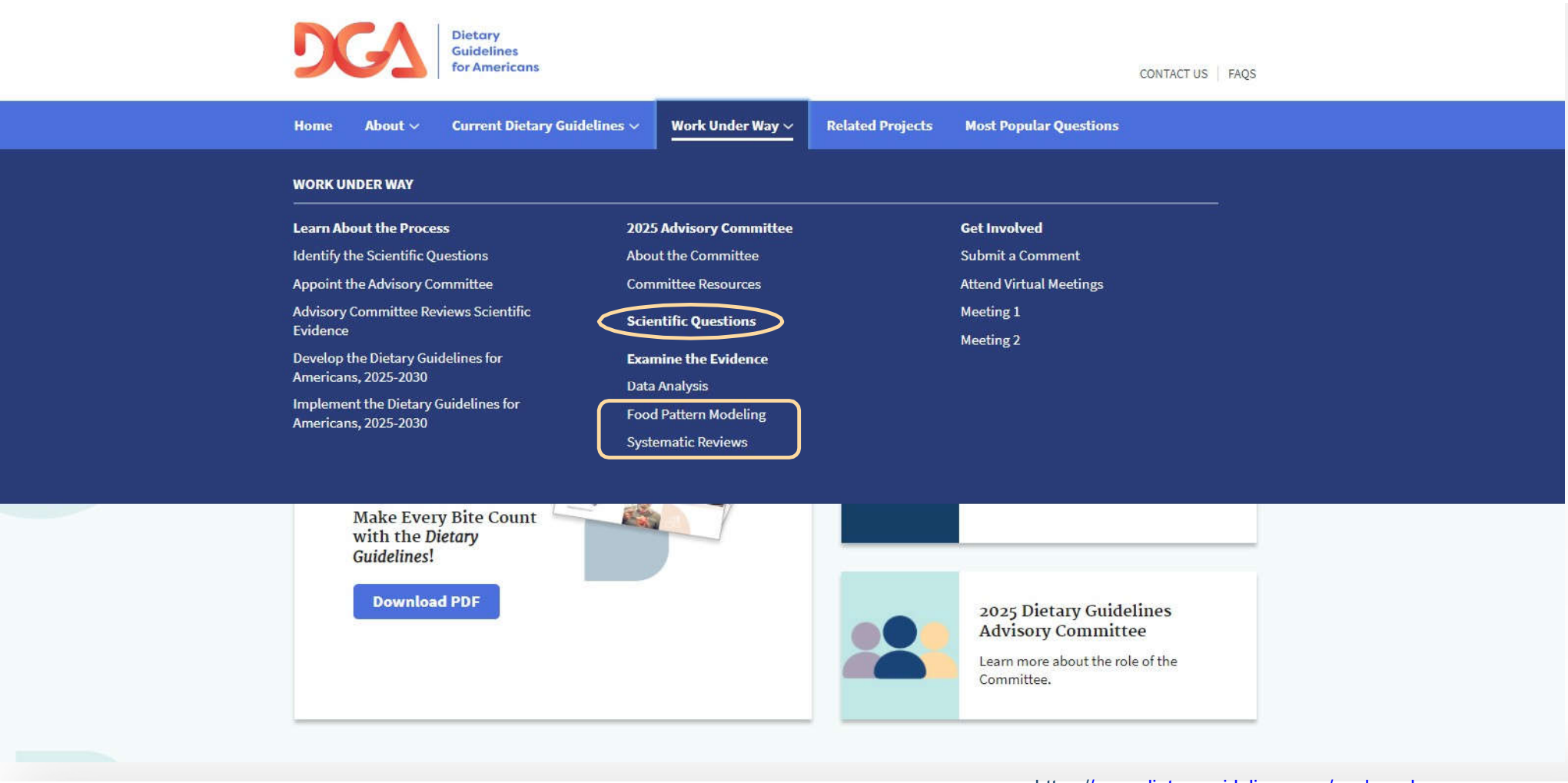
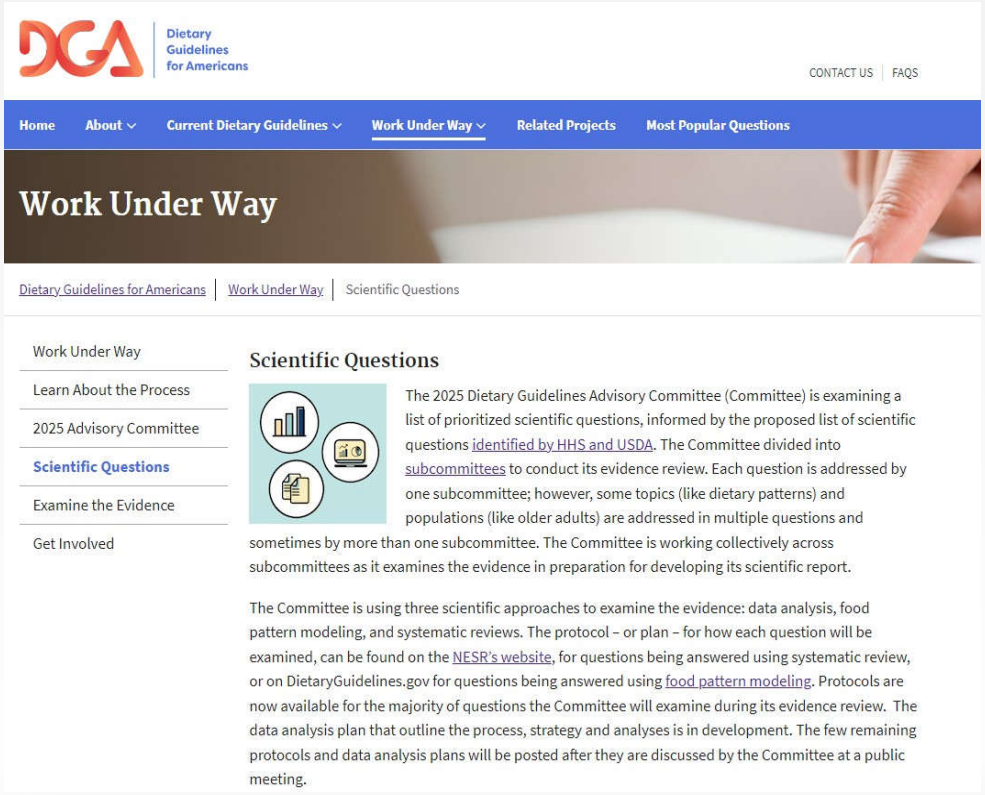
USDA



https://www.dietaryguidelines.gov/work-under-way

Scientific Questions



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

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

Food Pattern Modeling

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.

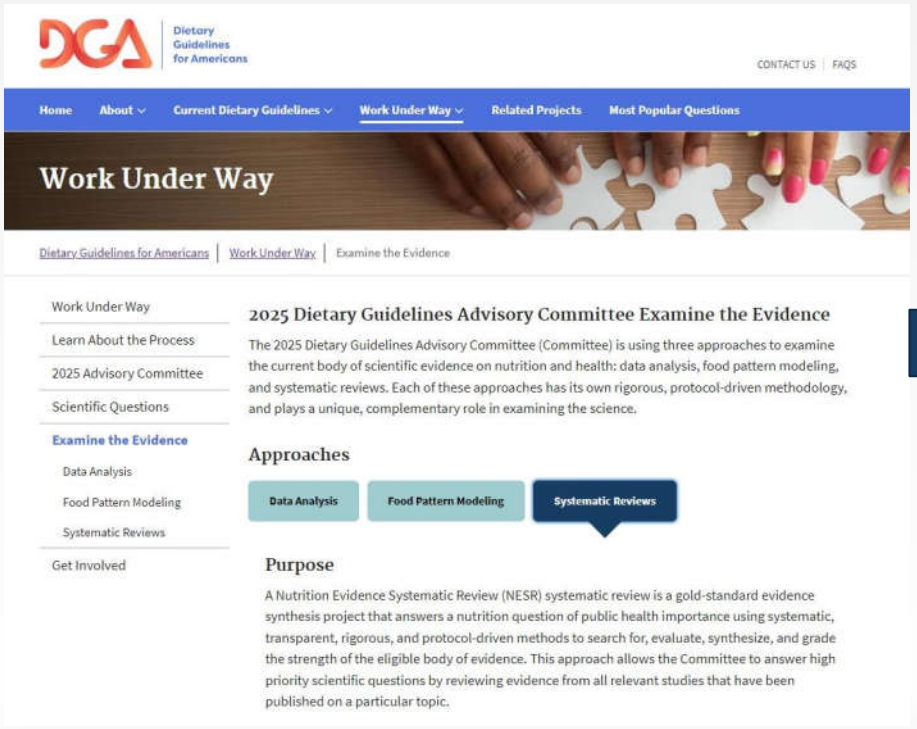
The public is encouraged to submit written comments to the Committee on topics relevant to its work, including on its protocols. Additional food pattern modeling protocols will be posted on this page after the full Committee has had an opportunity to review and discuss during the next public meeting.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

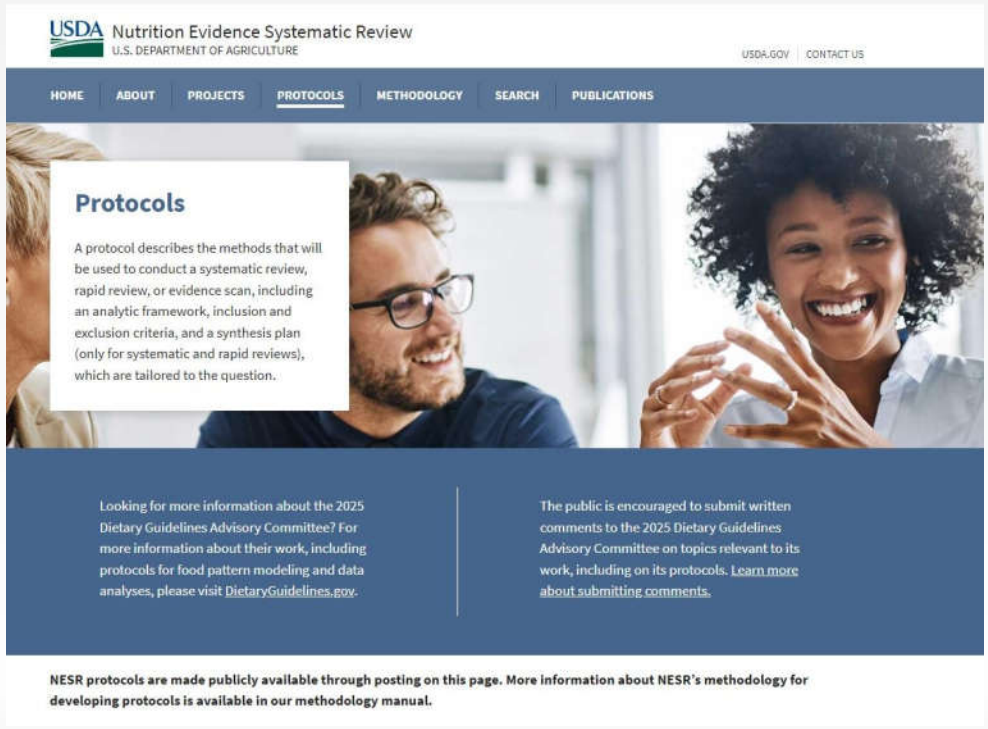
Date Posted	Topic	Status	Download
May 31, 2023	Should foods and beverages with lower nutrient density (i.e., those with added sugars, saturated fat, and sodium) contribute to item clusters, representative foods, and therefore the nutrient profiles for each food group and subgroup used in modeling the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





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

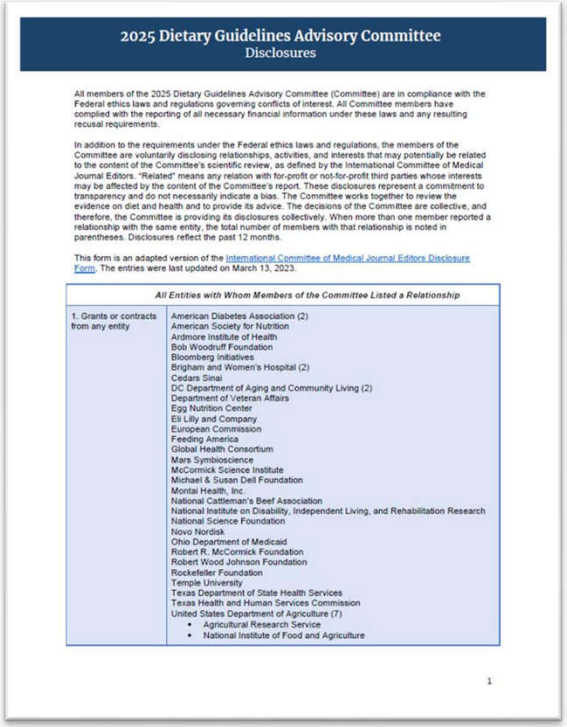
https://nesr.usda.gov/protocols

Public Comments

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

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.

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.

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.

All Entities with Whom Members of the Committee Listed a Relationship	
1. Grants or contracts from any entity	American Diabetes Association (2) American Society for Nutrition Ardmore 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 Veteran Affairs Egg Nutrition Center Eli Lilly and Company European Commission Feeding America Global Health Consortium Mars Symbioscience McCormick Science Institute Michael & Susan Dell Foundation Montai Health, Inc. National Cattleman'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) • Agricultural Research Service • National Institute of Food and Agriculture

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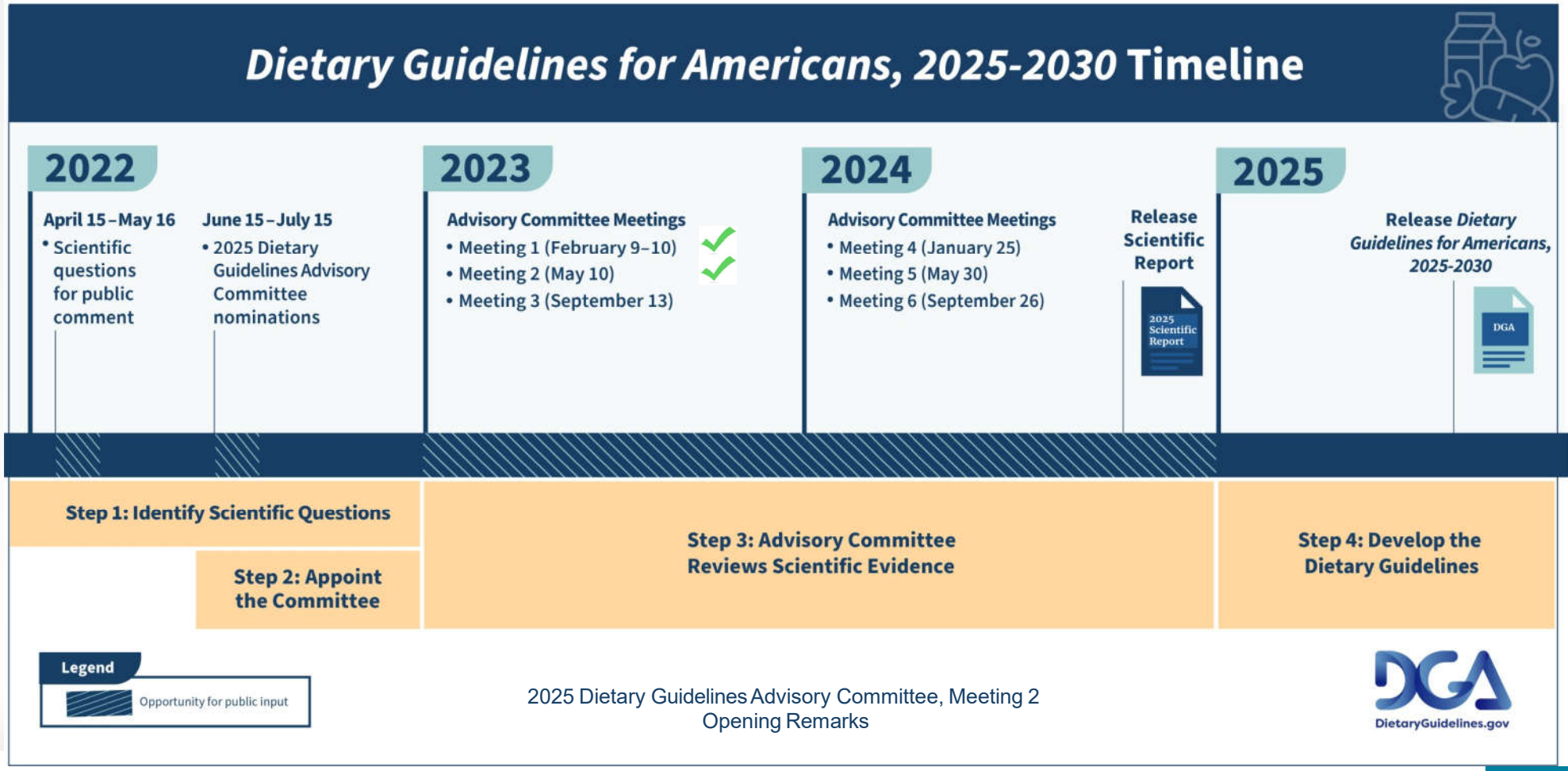
https://www.dietaryguidelines.gov/sites/default/files/2023-04/2025_DGAC_Disclosures.pdf



2025 Dietary Guidelines Advisory Committee, Meeting 2
Opening Remarks

Thank You

DietaryGuidelines.gov

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.

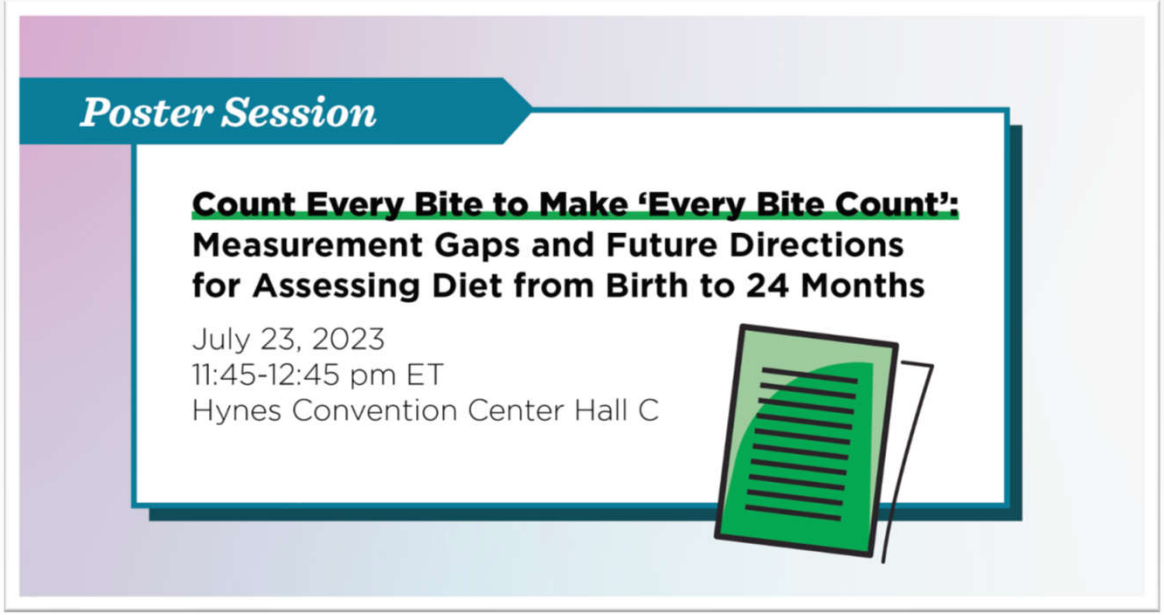
Communication Updates

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



AS0

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

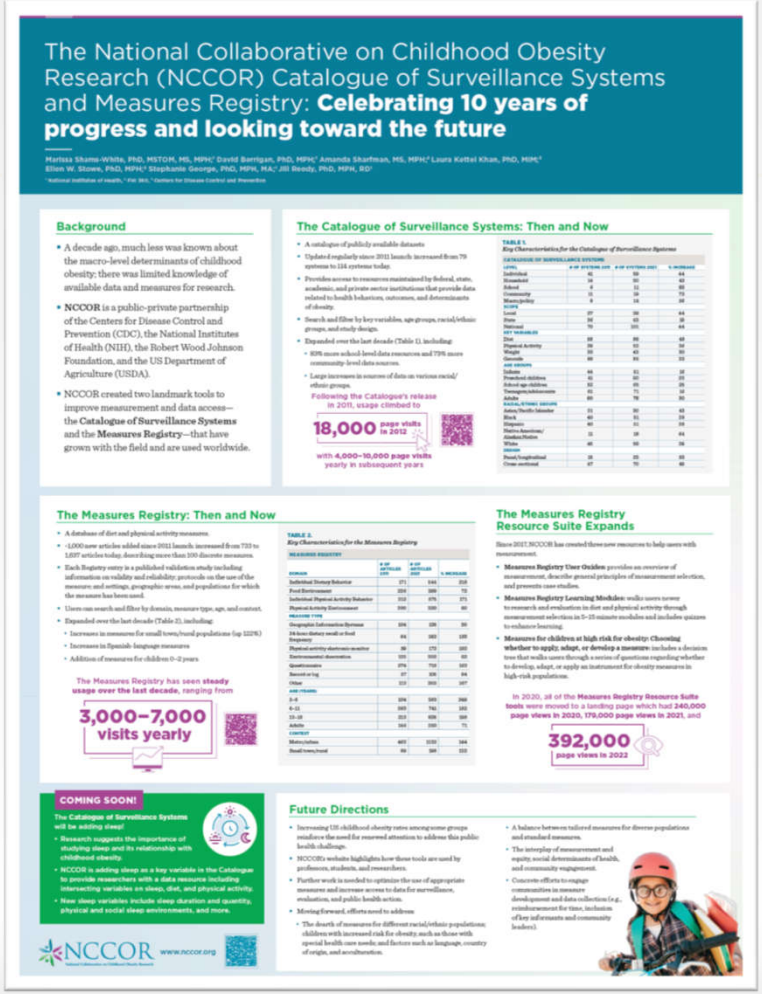
Slide 25

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;[1] David Berrigan, PhD, MPH;[2] Amanda Sharfman, MS, MPH;[2] Laura Kettel Khan, PhD, MIM;[2] Ellen W. Stowe, PhD, MPH;[3] Stephanie George, PhD, MPH, MA;[1] Jill Reedy, PhD, MPH, RD[1]

[1] National Institutes of Health, [2] ICF, Inc., [3] Centers for Disease Control and Prevention

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 2012 launch: increased from 79 systems to 154 systems today.
- Provides access to resources 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:
  - 83% more school-level data resources and 75% more community-level data sources.
  - Large increases in sources of data on various racial/ethnic 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 diet and physical activity measures.
- ~1,000 new articles added since 2011 launch; increased from 710 to 1,697 articles today, describing more than 100 discrete measures.
- Each Registry entry is a published validation study including information on validity and reliability; protocols on 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 town/rural populations (up 122%)
  - Increases in Spanish-language measures
  - Addition of measures for children 0–2 years

The Measures Registry has seen **steady usage over the last decade**, ranging from **3,000–7,000 visits yearly**

The Measures Registry Resource Suite Expands

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

- **Measures Registry User Guides** provides an overview of measurement, describes general principles of measurement selection, and presents case studies.
- **Measures Registry Learning Modules:** walks users newer to research and evaluation in diet and physical activity through measurement selection in 5–15 minute modules and includes quizzes to enhance 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 tools** were moved to a landing page which had **240,000 page views in 2020, 179,000 page views in 2021**, and **392,000 page views in 2022**

COMING SOON!

The **Catalogue of Surveillance Systems** will be adding sleep!

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

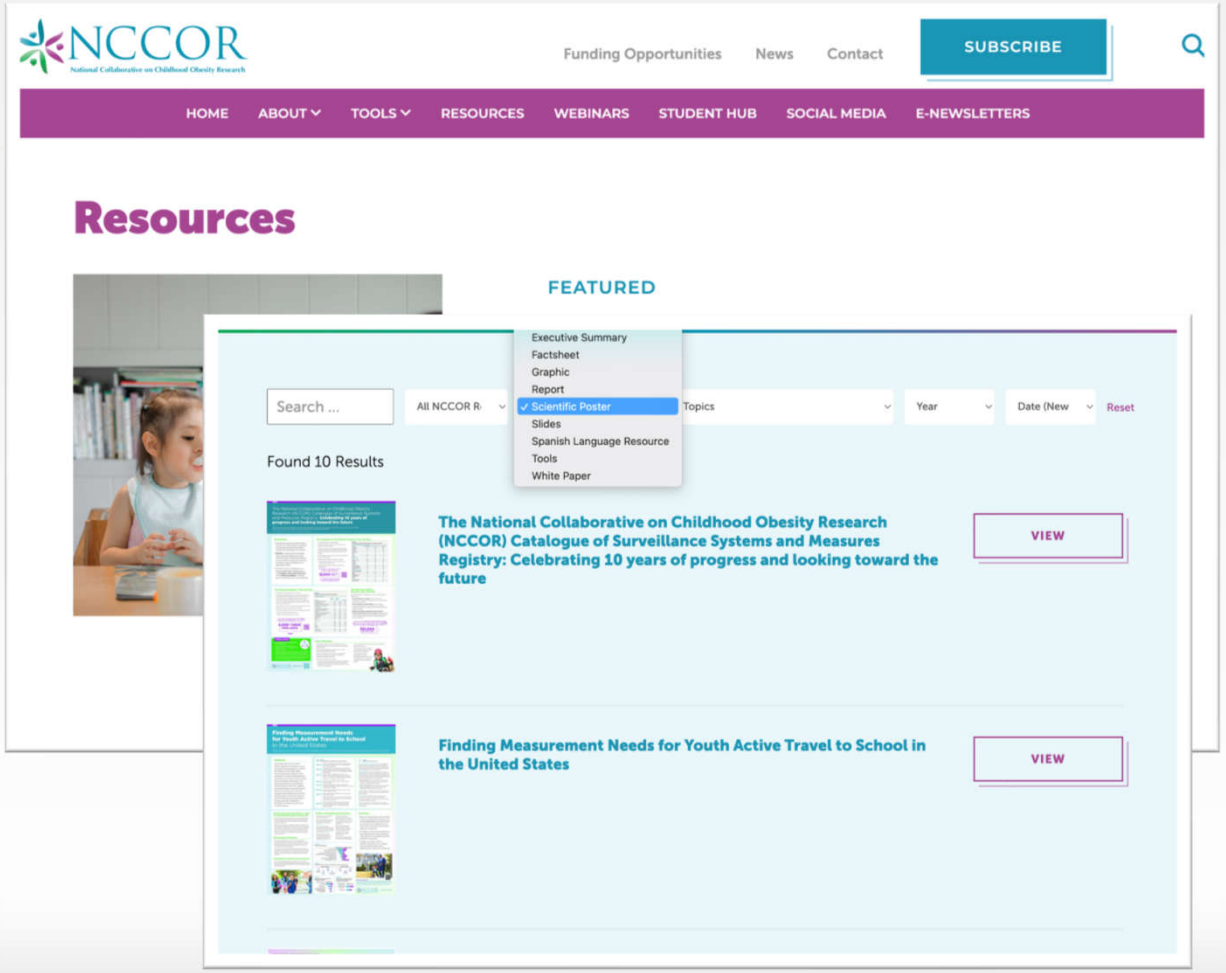
Future Directions

- 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., reimbursement for time, inclusion of key informants and community leaders).

NCCOR 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)