

# NCCOR Member Call

November 8, 2023 | 2:00 pm ET

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**Call In:** 1-877-853-5247

**Meeting ID:** 913-5213-7740



# Agenda

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- Emerging Opportunities for NCCOR
- Steering Committee Updates
- Spotlight: *NCCOR's Catalogue of Surveillance Systems (CSS) Update*
  - Marissa Shams-White, PhD, MSTOM, MS, MPH, National Cancer Institute, NIH
- Workgroup Updates
- Communication Updates
- Announcements
- Calendar Reminders

# Emerging Opportunities for NCCOR

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# Steering Committee Updates

- Please complete the NCCOR Member Survey to help us plan for future research and program activities.
- February 2024 Member Meeting
  - Wednesday, February 28
  - Virtual
- May 2024 Member Meeting/Senior Leadership Briefing
  - Washington, DC
  - Invitations have been sent

# Spotlight: CSS Update

Marissa Shams-White, PhD, MSTOM, MS, MPH  
National Cancer Institute, NIH

# NCCOR: CSS Update

Marissa Shams-White, PhD, MSTOM, MS, MPH

Program Director

Division of Cancer Control and Population Sciences

National Cancer Institute, NIH



# Catalogue of Surveillance Systems (CSS)

- Launched February 2011
- **114** publicly available datasets relevant to childhood obesity research
- Information on national, state, and local data resources
- Access data related to environmental and policy factors, health behaviors, outcomes, and determinants of obesity
- Review, sort, and compare datasets
- Encourages data-linkage across multiple levels

<https://tools.nccor.org/css>

## Inclusion criteria for datasets:

- ▶ Relevant to childhood obesity
- ▶ Relevant to  $\geq 1$  level within the ecological model: individual, home/family, community/organization, macro
- ▶ Conducted within the US (not international)
- ▶ Publicly available (“public use” or purchasable by the public)
- ▶ One-time cross-sectional studies, as well as ongoing surveillance systems
- ▶ Most recent data collected within the last 10 years



# NCCOR CATALOGUE OF SURVEILLANCE SYSTEMS

## Surveillance Systems

### Filter options

[\[clear filter\]](#)

#### Search

Text Contains

#### Level

- ☐ Individual: (48)
- ☐ Household: (14)
- ☐ School: (10)
- ☐ Community: (7)
- ☐ Macro/Policy: (10)
- ☐ Other: (13)

#### Scope

- ☐ Local: (24)
- ☐ State: (27)
- ☐ National: (75)

#### Key Variables

- ☒ Diet related: (86)
- ☐ Physical activity related: (47)
- ☐ Weight related: (38)
- ☐ Geocode/Linkage: (64)

#### Age Groups

- ☐ Infants: (38)
- ☐ Preschool children: (38)
- ☐ School age children: (53)
- ☐ Teenagers/Adolescents: (55)
- ☐ Adults: (59)

#### Racial/Ethnic Groups

- ☐ Asian/Pacific Islanders: (24)
- ☐ Blacks: (41)
- ☐ Hispanics: (41)
- ☐ Native Americans/Alaskan Natives: (14)
- ☐ Whites: (47)

#### Design

- ☐ Panel/longitudinal: (20)
- ☐ Cross-sectional: (52)
- ☐ Other: (16)

#### Cost

- ☐ Some/all public use data free: (68)
- ☐ Fee based: (18)

Filtered: showing 86 of 114

System Name	Compare
American Housing Survey	<input type="checkbox"/>
American Time Use Survey (ATUS)	<input type="checkbox"/>
Annual Agricultural Statistics	<input type="checkbox"/>
Behavioral Risk Factor Surveillance System (BRFSS)	<input type="checkbox"/>
Bridging the Gap State Snack and Soda Tax Data System	<input type="checkbox"/>
California Health Interview Survey (CHIS)	<input type="checkbox"/>
Census of Agriculture (Agcensus)	<input type="checkbox"/>
Center for Nutrition Policy and Promotion Food Prices Database (CNPP/FDP)	<input type="checkbox"/>
Classification of Laws Associated with School Students (C.L.A.S.S.)	<input type="checkbox"/>
ComScore	<input type="checkbox"/>
Consumer Expenditure Survey (CE)	<input type="checkbox"/>
Consumer Reports on Eating Share Trends (CREST)	<input type="checkbox"/>
Cost of Living Index (COLI)	<input type="checkbox"/>
CropScape	<input type="checkbox"/>
Deli-Tracking	<input type="checkbox"/>
Dun & Bradstreet	<input type="checkbox"/>
Early Childhood Longitudinal Study, Birth Cohort (ECLS-B)	<input type="checkbox"/>
Early Childhood Longitudinal Study, Kindergarten Class of 1998-99 (ECLS-K)	<input type="checkbox"/>
Early Childhood Longitudinal Study, Kindergarten Class of 2010-11 (ECLS-K:2011)	<input type="checkbox"/>
Family Life, Activity, Sun, Health, and Eating (FLASHE) Study	<input type="checkbox"/>
Fast Response Survey System (FRSS)	<input type="checkbox"/>
Food Attitudes and Behavior Survey	<input type="checkbox"/>
Food Availability (Per Capita) Data System	<input type="checkbox"/>
Food Intakes Converted to Retail Commodities Database (FICRCD)	<input type="checkbox"/>
Food Patterns Equivalents Database (FPED)	<input type="checkbox"/>
Food and Nutrient Database for Dietary Studies (FNDDS)	<input type="checkbox"/>
FoodAPS (National Household Food Acquisition and Purchase Survey)	<input type="checkbox"/>
GlobalData Product Launch Analytics	<input type="checkbox"/>
Health Behaviors in School Aged Children (HBSC)	<input type="checkbox"/>
Health Information National Trends Survey (HINTS)	<input type="checkbox"/>
Health and Diet Survey	<input type="checkbox"/>
Infant Feeding Practices Study II (IFPS)	<input type="checkbox"/>
Kansas Child Health Assessment and Monitoring Program (K-CHAMP)	<input type="checkbox"/>
Kantar Media North America	<input type="checkbox"/>
Kitchen Audit	<input type="checkbox"/>
Maternity Practices in Infant Nutrition and Care Survey (mPINC)	<input type="checkbox"/>

[At A Glance](#)[Sampling](#)[Key Variables](#)[Data Access & Cost](#)[Geocode/Linkage](#)[Selected Publications](#)[Resources](#)

### Noteworthy Characteristics

- The FLASHE survey collected data on psychosocial, generational (parent-adolescent) and environmental correlates of cancer-preventive behaviors. It included questions on cancer-preventive health behaviors such as diet, physical activity, sleep, sun safety, and tobacco use.
- A new dataset, GeoFLASHE, was released in Fall 2018: GeoFLASHE data are neighborhood characteristics calculated for use with FLASHE survey data. These data are available for data users to merge with FLASHE survey data to conduct analyses examining neighborhood characteristics and behavior.

### Website

<https://cancercontrol.cancer.gov/brp/hbrb/flashe.html>

### Purpose

The purpose of the study is to help researchers understand lifestyle behaviors that relate to cancer risk. The majority of the survey questions focus on diet and physical activity, with additional survey items about sleep, sun safety and tobacco use.

### Target Population

Parents/Caregivers and their adolescent children (aged 12–17 years)

### Conducted

Researchers collected data from dyads of parent/caregivers and their adolescent children (ages 12–17) between April–October 2014.

### Sponsor

The FLASHE Study was funded by the National Cancer Institute (NCI) under contract number HHSN261201200039I issued to Westat, Inc. This project has been funded in whole or in part with federal funds from NCI, NIH. The content of this publication does not necessarily reflect the views or policies of the DHHS, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government

## Demographic

Name	Methods of Assessment
Race/ethnicity	Online questionnaire
Sex	Online questionnaire
Education Level	Online questionnaire
Age	Online questionnaire

## Diet-Related

Name	Methods of Assessment
Teen and Adult Diet Instrument	Online questionnaire
Psychosocial measures of fruit and vegetable consumption	Online questionnaire
Perceptions of food advertising	Online questionnaire
Food consumed away from home	Online questionnaire
Neighborhood food access	Online questionnaire
Taste preferences	Online questionnaire
Parenting styles and practices for eating and drinking	Online questionnaire
↑ Collapse	

## Physical Activity-Related

Name	Methods of Assessment
Psychosocial Measures of physical activity, sedentary behaviors and screen	Online questionnaire
Home availability of physical activity equipment	Online questionnaire
Neighborhood availability of spaces and places for exercise, traffic, crime	Online questionnaire
Use of electronic devices	Online questionnaire
Parenting styles and practices for screen time and physical activity	Online questionnaire
Physical activity in school, out of school and on weekends (Youth Activity Profile)	Online questionnaire
↑ Collapse	

## NEW: Including sleep in the CSS

- ▶ Short sleep duration and poor sleep quality may be associated with an increased risk of childhood obesity
- ▶ However, evidence gaps exist that require additional research
- ▶ Multiple behaviors that occur over the 24-hour cycle are important determinants of childhood obesity
  - ▶ Diet
  - ▶ Physical activity
  - ▶ Sleep
- ▶ NCCOR is helping to support researchers and public health practitioners to advance progress on sleep and childhood obesity

# NEW: Added sleep-related variables

## ► Categories include:

- Physical sleep environment
- Social sleep environment
- Schedule-related sleep environment
- Sleep continuity
- Sleep duration and quantity
- Sleep timing and regularity
- Sleep disordered breathing
- Sleep disorders
- Sleep disturbances and quality
- Sleep-related behaviors
- Sleep-related policies
- Sleep-related substance use

## ► Sleep included in 36 of the CSS datasets



# NCCOR CATALOGUE OF SURVEILLANCE SYSTEMS

## Surveillance Systems

### Filter options

[clear filter]

#### Search

Text Contains

#### Level

- ☐ Individual: (30)
- ☐ Household: (5)
- ☐ School: (2)
- ☐ Community: (3)
- ☐ Macro/Policy: (1)
- ☐ Other: (2)

#### Scope

- ☐ Local: (9)
- ☐ State: (8)
- ☐ National: (30)

#### Key Variables

- ☐ Diet related: (30)
- ☐ Physical activity related: (30)
- ☒ Sleep related: (36)
- ☐ Weight related: (29)
- ☐ Geocode/Linkage: (30)

#### Age Groups

- ☐ Infants: (20)
- ☐ Preschool children: (17)
- ☐ School age children: (22)
- ☐ Teenagers/Adolescents: (21)
- ☐ Adults: (27)

#### Racial/Ethnic Groups

- ☐ Asian/Pacific Islanders: (14)
- ☐ Blacks: (27)
- ☐ Hispanics: (27)
- ☐ Native Americans/Alaskan Natives: (5)
- ☐ Whites: (27)

#### Design

- ☐ Panel/longitudinal: (13)
- ☐ Cross-sectional: (23)
- ☐ Other: (0)

#### Cost

- ☐ Some/all public use data free: (35)
- ☐ Fee based: (0)

Filtered: showing 36 of 114

System Name	Compare
American Time Use Survey (ATUS)	<input type="checkbox"/>
Behavioral Risk Factor Surveillance System (BRFSS)	<input type="checkbox"/>
California Health Interview Survey (CHIS)	<input type="checkbox"/>
Crash Report Sampling System (CRSS)	<input type="checkbox"/>
Early Childhood Longitudinal Study, Birth Cohort (ECLS-B)	<input type="checkbox"/>
Early Childhood Longitudinal Study, Kindergarten Class of 1998-99 (ECLS-K)	<input type="checkbox"/>
Early Childhood Longitudinal Study, Kindergarten Class of 2010-11 (ECLS-K:2011)	<input type="checkbox"/>
Family Life, Activity, Sun, Health, and Eating (FLASHE) Study	<input type="checkbox"/>
Fatality Analysis Reporting System (FARS)	<input type="checkbox"/>
Food Attitudes and Behavior Survey	<input type="checkbox"/>
Health Behaviors in School Aged Children (HBSC)	<input type="checkbox"/>
Health Information National Trends Survey (HINTS)	<input type="checkbox"/>
Health and Diet Survey	<input type="checkbox"/>
Infant Feeding Practices Study II (IFPS)	<input type="checkbox"/>
Maternity Practices in Infant Nutrition and Care Survey (mPINC)	<input type="checkbox"/>
Medical Expenditure Panel Survey-Household Component (MEPS-HC)	<input type="checkbox"/>
Monitoring the Future (MTF)	<input type="checkbox"/>
National Ambulatory Medical Care Survey (NAMCS)	<input type="checkbox"/>
National Automotive Sampling System General Estimates System (NASS/GES)	<input type="checkbox"/>
National Health Interview Survey (NHIS)	<input type="checkbox"/>
National Health and Nutrition Examination Survey (NHANES)	<input type="checkbox"/>
National Latino and Asian American Study (NLAAS)	<input type="checkbox"/>
National Longitudinal Study of Adolescent to Adult Health (Add Health)	<input type="checkbox"/>
National Longitudinal Survey of Youth 1979 (NLSY79)	<input type="checkbox"/>
National Longitudinal Survey of Youth 1997 (NLSY97)	<input type="checkbox"/>
National Longitudinal Survey of Youth-Children and Young Adults (NLSY79ch)	<input type="checkbox"/>
National Survey of America's Families (NSAF)	<input type="checkbox"/>
National Survey of Children's Health (NSCH)	<input type="checkbox"/>
National Survey of Families and Households (NSFH)	<input type="checkbox"/>
New York City Community Health Survey (CHS)	<input type="checkbox"/>
New York City Health and Nutrition Examination Survey (NYC/HANES)	<input type="checkbox"/>
New York City Youth Risk Behavior Survey (NYC/YRBS)	<input type="checkbox"/>
Panel Study of Income Dynamics (PSID)	<input type="checkbox"/>
Panel Study of Income Dynamics Child Development Supplement (PSID/CDS)	<input type="checkbox"/>
Pregnancy Risk Assessment Monitoring System	<input type="checkbox"/>
WIC Infant and Toddler Feeding Practices Study	<input type="checkbox"/>

Select all systems

[At A Glance](#)[Sampling](#)[Key Variables](#)[Data Access & Cost](#)[Geocode/Linkage](#)[Selected Publications](#)[Resources](#)

#### Demographic

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Race/ethnicity	Online questionnaire
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↑ Collapse	

#### Physical Activity-Related

Name	Methods of Assessment
Psychosocial Measures of physical activity, sedentary behaviors and screen	Online questionnaire
Home availability of physical activity equipment	Online questionnaire

At A Glance

Sampling

**Key Variables**

Data Access & Cost

Geocode/Linkage

Selected Publications

Resources

Home availability of physical activity equipment	Online questionnaire
Neighborhood availability of spaces and places for exercise, traffic, crime	Online questionnaire
Use of electronic devices	Online questionnaire

[Show 2 more](#)

#### Sleep-Related

Name	Methods of Assessment
Daytime fatigue/sleepiness and/or alertness	Questionnaire
Physical sleep environment: Screen use and proximity	Questionnaire
Schedule-related sleep environment: Adolescent work schedule/ school schedule	Questionnaire
Sleep disturbances and quality: Trouble falling back asleep at night	Questionnaire
Sleep duration and quantity: Total sleep time during weekends/holidays	Can calculate
Sleep duration and quantity: Total sleep time during workdays/schooldays	Can calculate
Sleep timing and regularity: Regularity of bedtime	Questionnaire
Sleep timing and regularity: Regularity of wake time (may be unreliable in measured as a single item)	Questionnaire
Sleep timing and regularity: Sleep timing on weekends/holidays	Questionnaire
Sleep timing and regularity: Sleep timing on weekends/holidays	Questionnaire
Sleep timing and regularity: Time to bed	Questionnaire
Sleep timing and regularity: Time woke up	Questionnaire
Sleep-related policies: Year-round school	Questionnaire
<a href="#">↑ Collapse</a>	

# Next Steps: Promoting the CSS

## November

- Finalizing materials and communication plan
- Member call

## December

- Newsletter Spotlight on the CSS factsheet
- NCCOR social media
- NCCOR website feature
- Partner outreach

## 2024

- Continued partner outreach and social media promotion
- Feature in the 2023 Annual Report
- Additional datasets added
- Connect & Explore webinar (TBD)

# New Factsheet

NATIONAL COLLABORATIVE ON CHILDHOOD OBESITY RESEARCH

## Catalogue of Surveillance Systems

The Catalogue of Surveillance Systems, launched by NCCOR in 2011, is a comprehensive catalogue of datasets relevant to childhood obesity research and including information on health behaviors. It allows users to review, sort, and compare more than 100 surveillance systems relevant to childhood obesity research and evaluation of policy and environmental interventions. This free online resource helps researchers and practitioners more easily investigate childhood obesity in America by increasing efficiency, effectiveness, and innovation in obesity research.

The Catalogue allows users to search and filter by

- Level
- Scope
- Key Variables
- Age Group
- Racial/Ethnic Groups
- Design
- Cost

Each surveillance system's profile includes the system's purpose, target audience, data collection time frame, sampling design, sample size, how to access the data, and much more.

### NCCOR: WORKING TOGETHER TO REVERSE CHILDHOOD OBESITY

NCCOR is a partnership of the four leading funders of childhood obesity research:

the Centers for Disease Control and Prevention (CDC), the National Institutes of Health (NIH), the Robert Wood Johnson Foundation (RWJF), and the U.S. Department of Agriculture (USDA). These four leaders joined forces in 2008 to continually assess the needs in childhood obesity research, develop joint projects to address gaps and make strategic advancements, and work together to generate fresh and synergetic ideas to reduce childhood obesity.

For more information about NCCOR, visit [www.nccor.org](http://www.nccor.org).

### NOW WITH SLEEP VARIABLES!

Enjoy the same great benefits of the Catalogue plus the addition of

- Sleep-related key variable filter options:
  - » Physical sleep environment
  - » Social sleep environment
  - » Sleep duration and quantity
  - » Sleep disturbances and quality
  - » Sleep timing and regularity



Research suggests that the 24-hour cycle, which includes sleep, diet, and physical activity, is an important determinant of childhood obesity. While the importance of sleep as it relates to childhood obesity is known, there are limited resources where researchers can look at data with intersecting variables on sleep, diet, and physical activity.

NCCOR has addressed this gap by adding sleep as a key variable in the Catalogue of Surveillance Systems so that researchers and public health professionals can filter datasets to identify which ones may be a good fit for their use.

The Catalogue is available at [www.nccor.org/css](http://www.nccor.org/css). Systems included were chosen because they provide access to publicly available, raw data gathered in the United States within the last 10 years. The Catalogue of Surveillance Systems is updated as new data become available.



May 2023

[www.nccor.org](http://www.nccor.org) • Email: [nccor@fhi360.org](mailto:nccor@fhi360.org)

# Updated Graphics

**CATALOGUE  
OF SURVEILLANCE  
SYSTEMS**



Now with  
sleep variables!

 **NCCOR**  
National Collaborative on Childhood Obesity Research

 [nccor.org/css](https://nccor.org/css)

**CATALOGUE  
OF SURVEILLANCE  
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Now with  
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**CATALOGUE  
OF SURVEILLANCE  
SYSTEMS**



Now with  
sleep variables!

 **NCCOR**  
National Collaborative on Childhood Obesity Research

 [nccor.org/css](https://nccor.org/css)

# Next Steps: Promoting the CSS

## Outreach Partners

- NCCOR Communications WG network
- NCCOR CSS WG network
- NCCOR member network
  - Please let us know your suggestions!

## Conferences

- ISBNPA?
- Others?

# Workgroup Members

## NCI

David Berrigan  
Marissa Shams-White  
Jill Reedy

## NHLBI

Alfonso Alfini  
Marishka Brown

## CDC

Anne Wheaton

## Expert Panel

Selena Nguyen-Rodriguez  
Susan Redline  
Julio Fernandez-Mendoza

## Contractors

Selena Nguyen-Rodriguez  
Kimberly Estrada

## FHI 360

Amanda Sharfman  
Meher Din  
Melissa Van Orman  
Song Xiong

# Workgroup Updates

Melissa Van Orman  
NCCOR Coordinating Center

# Workgroup Updates

- **Catalogue of Surveillance Systems**
  - Finalized the factsheet, which promotes the addition of sleep variables into the database.
- **Economic Impact of Built Environment Improvements**
  - Will meet with PAPREN to finalize additions to the Economic Indicators Library.
- **Identification and Categorization of Evidence Gaps in Physical Activity Research**
  - Developed a codebook with an operational definition of gap categories and recoded the gap statements for additional reliability. Finalized the framework within which the gaps will be presented in the published manuscript.
- **Implementation Science**
  - Kick-off call with Dr. Taren Swindle is scheduled for November 16<sup>th</sup>.

# Workgroup Updates

- **State of the Science on Measures of Individual Diet, Food Environment, Individual Physical Activity, and Physical Activity Environment**
  - Completed the first draft of tables, and identified key issues that arose in data extraction, which will be helpful for future Measures Registry projects.
- **Lessons Learned from International, National, and Local Public Health Policy Efforts for Healthy Childhood Growth**
  - The sub-committee had its first meeting to plan a virtual workshop in 2024. The group established the goals and audience for the workshop and is now working on identifying a thematic framework based on PSE research.

# Communication Updates

Melissa Van Orman  
NCCOR Coordinating Center

## NCCOR at APHA!



# APHA 2023

ANNUAL MEETING & EXPO  
ATLANTA | NOV. 12 – 15

**CREATING THE HEALTHIEST NATION**  
OVERCOMING SOCIAL & ETHICAL CHALLENGES

**Visit us at booth #520!**

## Announcements

**Please complete the NCCOR Member Survey,  
sent by Amy Yaroch at GSCN!**



# Calendar Reminders

## 2023 Member Calls

- December 13

## 2024 Member Calls

- January 17
- March 20
- April 17
- June 19
- July 17
- August 21
- October 16
- November 20
- December 18

## 2024 Member Meetings

- February 28 (virtual)
- May, Senior Leadership Briefing (DC)
- September (DC)

# Questions?

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