



# NCCOR MEMBER CALL

July 18, 2018  
2 p.m. ET

Login: <https://fhi360smc.adobeconnect.com/nccor/>

Call In: 1-866-668-0721 Enter the Access Code: 169-033-0430

**We will begin at 2:05 p.m. to allow participants time to join the webinar.**

# Agenda

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- Emerging Opportunities for NCCOR
- Steering Committee Update
- Communications Update
- Other NCCOR Activities
- Announcements
- Calendar Reminders

# Emerging Opportunities for NCCOR

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# Steering Committee Update

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- September Member Meeting Planning
  - Date: Friday, September 14, 2018 (Washington, DC)
  - Theme: Food Systems
  - Invited Speakers
    - **Parke Wilde, PhD**, Tufts University Friedman School of Nutrition Science and Policy
    - **Mark Denbaly, PhD**, USDA
    - **Bruce Lee, PhD**, Johns Hopkins Bloomberg School of Public Health
    - **Sameer Siddiqi**, Johns Hopkins Bloomberg School of Public Health
    - **Bill McKinney, PhD**, The Food Trust

# Steering Committee Update

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- 2019 Member Meeting Dates
  - Thursday, March 7, 2019 (Washington, DC)
    - Senior Leadership Briefing
  - Thursday, June 13, 2019 (Atlanta)
  - Thursday, September 12, 2019 (Washington, DC)

# Steering Committee Update

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- Senior Leadership Briefing
  - Call: September 19, 2018
  - In-person meeting: March 7, 2019
- 10-Year Anniversary
  - Celebration after March meeting
  - Increased presence at conferences
    - 10<sup>th</sup> Biennial Childhood Obesity Conference
  - Social media campaign

# Communications Update

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- NCCOR Tools: Updates & Promotion
- Society for Prevention Research, May–June 2018
- American College of Sports Medicine, May–June 2018
- American Public Health Association, November 2018

# NCCOR Tools: Updates & Promotion

## Analytics January–June 2018:

Tool	Page Views
Measures Registry	6,416
Measures Registry User Guides	3,232
Catalogue of Surveillance Systems	2,463
Youth Compendium of Physical Activities	8,017
• Fact Sheet	506
• Fact Sheet for PE Teachers*	157

\*Factsheet developed for the SHAPE conference; page views are for March–June 2018.



# NCCOR Tools: Updates & Promotion

- 3 New Systems Added to CSS:
  - FLASHE
  - FoodAPS
  - Crash Report Sampling System

The top screenshot displays the NCCOR Catalogue of Surveillance Systems interface. It features the NCCOR logo and the title 'NCCOR Catalogue of Surveillance Systems'. Below the title, there is a navigation bar with a home icon and the text 'Family Life, Activity, Sun, Health, and Eating (FLASHE) Study'. Underneath, there are tabs for 'At A Glance', 'Sampling', 'Key Variables', and 'Data Access & Cost'. The 'At A Glance' tab is selected, showing sections for 'PURPOSE', 'TARGET POPULATION', 'CONDUCTED', and 'SPONSOR'. The 'PURPOSE' section states: '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.' The 'TARGET POPULATION' section states: 'Parents/Caregivers and their adolescents (ages 10-17 years)'. The 'CONDUCTED' section states: 'Researchers collected data from parents and their adolescent children from October 2014.' The 'SPONSOR' section states: 'National Cancer Institute'.

The bottom screenshot displays the NCCOR Measures Registry interface. It features the NCCOR logo and the title 'NCCOR Measures Registry'. Below the title, there is a navigation bar with a home icon and the text '21-Item Dietary Fat Screener for Adolescents'. Underneath, there are tabs for 'At A Glance', 'Study Design', 'How to Use', 'Validity', and 'Reliability'. The 'At A Glance' tab is selected, showing sections for 'DOMAIN(S)', 'MEASURE TYPE', 'MEASURE AVAILABILITY', 'NUMBER OF ITEMS', 'STUDY LOCATION', 'LANGUAGE(S)', and 'INFORMATION ABOUT DEVELOPMENT OF MEASURE'. The 'DOMAIN(S)' section states: 'Individual Dietary Behavior'. The 'MEASURE TYPE' section states: 'Questionnaire'. The 'MEASURE AVAILABILITY' section states: 'Measure included in article'. The 'NUMBER OF ITEMS' section states: '21 Reported'. The 'STUDY LOCATION' section states: 'Metro/Urban, San Diego, CA, Pittsburgh, PA'. The 'LANGUAGE(S)' section states: 'English'. The 'INFORMATION ABOUT DEVELOPMENT OF MEASURE' section states: 'The Block Simplified Fat Screener, developed for adults, was modified for use with adolescents'. At the bottom right, there is a link to 'nccor.org/measures'.

# NCCOR Tools: Updates & Promotion

- We want to hear from your grantees and colleagues

**Tell us how you use NCCOR tools!**

 [nccor@fhi360.org](mailto:nccor@fhi360.org)

  
**Measures Registry**

  
**Measures Registry User Guides**

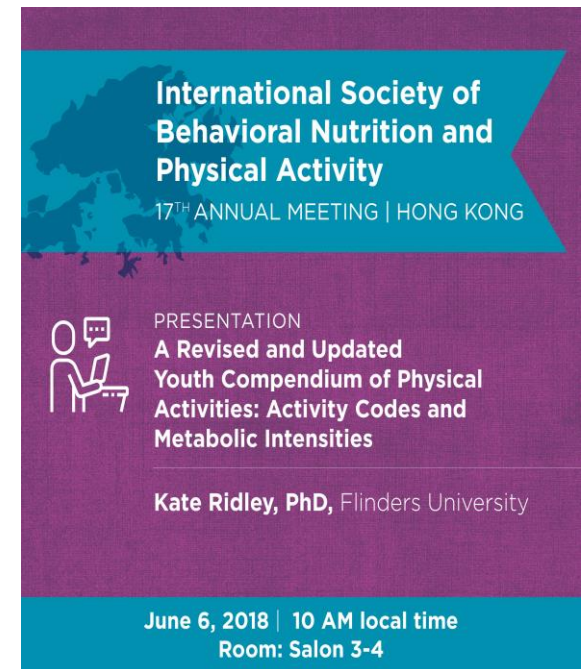
  
**Catalogue of Surveillance Systems (CSS)**

  
**Youth Compendium of Physical Activities**

# NCCOR Tools: Updates & Promotion

## Youth Compendium of Physical Activities

- Presentation at ISBNPA (Hong Kong, June 2018)
  - Kate Ridley, PhD, University of Flinders
- New article published in *ACSM Sports Medicine Bulletin* “Active Voice: A New Youth Compendium of Physical Activities”
  - Kathy Watson, David Berrigan, and Janet Fulton
  - Full article at:  
<http://www.multibriefs.com/briefs/acsm/active062618.htm>



International Society of Behavioral Nutrition and Physical Activity  
17<sup>TH</sup> ANNUAL MEETING | HONG KONG

PRESENTATION  
A Revised and Updated Youth Compendium of Physical Activities: Activity Codes and Metabolic Intensities

Kate Ridley, PhD, Flinders University

June 6, 2018 | 10 AM local time  
Room: Salon 3-4

# Society of Prevention Research 2018

- **Technology Demonstration:** “Measures Registry, User Guides, and Youth Compendium of Physical Activities: Tools for Childhood Obesity Prevention Research and Evaluation”
- **Exhibit Booth:** May 29-June 1
  - 20 new e-Newsletter subscribers
  - New followers on Twitter and Facebook
  - 200+ NCCOR materials distributed



# American College of Sports Medicine 2018

- **Poster Presentation:**  
NCCOR Measures  
Registry and User  
Guides: Highlight and  
Reach



The poster is a vertical rectangular graphic with a teal background. At the top left, there is a green banner with a white silhouette of two people playing basketball. To the right of this banner, the text 'American College of Sports Medicine 65<sup>th</sup> Annual Meeting' is written in white. Below this text is a white icon of a presentation board with a line graph. Underneath the icon, the text 'POSTER SESSION C-36' is written in white. The main title of the poster, 'The National Collaborative on Childhood Obesity Research Measures Registry and User Guides: Highlights and Reach', is written in white. Below the title, the author's name and affiliation, 'David Brown, PhD, Centers for Disease Control and Prevention', are written in white. At the bottom of the poster, a purple banner contains the text 'Minneapolis, MN | Thursday, May 31, 2018 9:00-10:30 AM CT' in white.

**American College  
of Sports Medicine  
65<sup>th</sup> Annual Meeting**



POSTER SESSION C-36

**The National Collaborative on Childhood Obesity  
Research Measures Registry and User Guides:  
Highlights and Reach**

*David Brown, PhD, Centers for  
Disease Control and Prevention*

**Minneapolis, MN | Thursday, May 31, 2018  
9:00-10:30 AM CT**

# NCCOR MEASURES REGISTRY & USER GUIDES HIGHLIGHTS AND REACH

David R. Brown<sup>1</sup>, Rachel Ballard<sup>2</sup>, Jill Reedy<sup>2</sup>, David Berrigan<sup>2</sup>, Amanda Samuels<sup>3</sup>

<sup>1</sup>Centers for Disease Control and Prevention, Atlanta, GA, <sup>2</sup>National Institutes of Health, Bethesda, MD, <sup>3</sup>FHI 360, Washington DC

## ABSTRACT

There are many types of physical activity and food intake measures. These measures often lack validity and reliability, making it difficult to compare findings across childhood obesity research and evaluation studies.

**Purpose:** The National Collaborative on Childhood Obesity Research's (NCCOR) Measures Registry ([nccor.org/measures](http://nccor.org/measures)) promotes consistent use of high-quality, comparable measures and methods across childhood obesity studies. The Measures Registry User Guides ([nccor.org/measuresguides](http://nccor.org/measuresguides)) extend the reach and usefulness of these resources. Herein we describe the Registry and User Guides and examine their reach to nutrition, physical activity, and obesity researchers and practitioners.

**Methods:** A search of peer-reviewed literature published 1999-2009 was conducted. Measurement experts reviewed and abstracted articles meeting inclusion criteria in four domains: physical activity, diet, physical activity environment, and food environment. The Registry was launched in 2011 and has been updated on an ongoing basis. In 2017, subject matter experts authored four User Guides for the measurement domains. The Guide include case studies to help users select appropriate measures. The number of web visitors to the Registry and Guides was tracked (through April 2018), providing an indicator of reach.

**Results:** The Registry contains 1207 published studies of validation research using measures of physical activity (n=405), diet (n=520), physical activity environment (n=215), and food environment (n=51). Measures include GIS (n=17), 24-hour dietary recall (n=52), food frequency (n=66), electronic monitor (n=27), environmental observation (n=54), questionnaire (n=498), record or log (n=93), and other (n=207). Over 18,300 unique visitors have accessed the Registry since its launch, including visitors from 41 countries. Since their release there have been over 9,000 page views of the User Guides from nearly 3,000 unique visitors.

**Conclusions:** The NCCOR Measures Registry and User Guides can assist researchers and practitioners conducting childhood obesity prevention research and evaluation to select high-quality, comparable measures of physical activity, diet, and the environments in which these behaviors occur. Website traffic reflecting access to the materials indicate a large reach. Funding for this research was provided in part by The JFPI Foundation.

## BACKGROUND

The National Collaborative on Childhood Obesity Research (NCCOR) is a partnership among 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), established in 2009 to accelerate progress in reducing childhood obesity in the United States.

A key priority for NCCOR is promoting the use of common measures and methods for researchers and practitioners working toward preventing childhood obesity. Standard measures are needed to describe and evaluate interventions to prevent childhood obesity, particularly those projects that address policies and environments.

**PURPOSE** To increase awareness and promote use of the NCCOR Measures Registry and User Guides, and examine their reach to nutrition, physical activity, and obesity researchers and practitioners

## METHODS – MEASURES REGISTRY

### Literature Review

A search of peer-reviewed literature published from 1999-2009 was conducted.

### Database Launch

In 2011, NCCOR launched the Measures Registry, a searchable database of measures relevant to childhood obesity research.



[NCCOR.ORG/MEASURES](http://NCCOR.ORG/MEASURES)

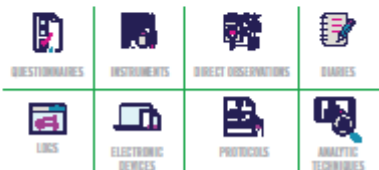
### Data Abstraction

Measurement experts reviewed and abstracted articles meeting inclusion criteria in four measurement domains relevant to childhood obesity.



### Standardize Use of Measures and Methods

The Measures Registry's purpose is to standardize use of common measures and research methods across childhood obesity research at the individual, community, and population levels. The Measures Registry includes:



The Registry has been updated on an ongoing basis since its 2011 launch.

## METHODS – MEASURES REGISTRY USER GUIDES

### Addressing a Need

Even with the Measures Registry, it can be challenging for users to choose the most appropriate measures for their work. To address this need, subject matter experts authored four Measures Registry User Guides for each measurement domain.

### Expert Review

NCCOR created expert panels to review and provide subject matter input on each Guide.

### Case Studies

Organized by the same four domains, the User Guides present case studies that walk users through the process of using the Measures Registry to select appropriate measures, and direct researchers and practitioners to additional useful information and resources.

### User Guides Launch

NCCOR launched the Measures Registry User Guides in 2017.

## RESULTS – USAGE FROM AROUND THE WORLD



41  
COUNTRIES ACCESSED  
MEASURES REGISTRY

38  
COUNTRIES ACCESSED  
USER GUIDES

## TOP 5 MEASURES ACCESSED SINCE 2011

- 21-item dietary fat screener for adolescents
- Child Nutrition Questionnaire
- 24-hour activity diary
- Willett Food Frequency Questionnaire for 4 to 5 Year Olds
- New Lifestyles NL-1000 Accelerometer for 3 to 4 Year Olds

## CONCLUSIONS

### Use

The NCCOR Measures Registry and User Guides are resources to assist in conducting childhood obesity prevention research, practice, and evaluation by selecting high-quality and comparable measures of physical activity and dietary behaviors and the environments in which these behaviors occur.

### Reach

It is unknown what volume of visitors to a website—hits, views, and downloads—constitute high reach in terms of awareness and use. However, we believe the number of unique visitors accessing the Measures Registry (n = 18,307) and User Guides (n = 2,993) since their release indicates a high reach.

# American Public Health Association 2018

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- **Tools of the Trade: NCCOR Resources for Evidence-Based Practice in Diet and Physical Activity**
- Tuesday, November 13, 2018 3:00 PM-4:30 PM
- Speakers:
  - Laura Kettel Khan, PhD, CDC
  - Jim Sallis, PhD, UC San Diego
  - Jamie Chriqui, PhD, University of Illinois at Chicago
  - Janet Fulton, PhD, CDC

# Other NCCOR Activities

- Catalogue of Surveillance Systems
- Childhood Obesity Declines: Exploring Promising Approaches
- CORD
- Economics and Obesity
- Engaging Health Care Providers and Systems
- FLASHE Study
- Food Patterns Equivalents Database
- Get Research Used
- Health, Behavioral Design, and the Built Environment
- Healthy Communities Study
- Healthy Eating Index
- Healthy Food Incentives
- Johns Hopkins Global Obesity Prevention Center
- Lessons Learned from Global Efforts
- Measures Registry
- National Leadership on Evaluating Obesity Prevention Efforts
- Physical Activity
- Registry of Studies
- School Wellness Survey
- SNAP-Ed
- Youth Energy Expenditure
- Other

For updates on the progress of NCCOR's workgroups, visit: <http://nccor.org/internalresources>



# Announcements

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# Calendar Reminders

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- Member Meetings
  - September 14, 2018 (Washington, DC)
- Member Call
  - November 7, 2018