

# NWA 2016 Research Needs to Support an Effective and Efficient WIC Program

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National WIC Association
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- NWA Evaluation Committee.
- Highlight areas for focused research.
- Research to further bolster the four pillars of WIC services.
- •2016: women's health, obesity and data.
- •https://www.nwica.org/r esearch-activities



#### Overview

The Special Supplemental Nutrition Program for Women, Infants and Children (WIC) has benefited greatly from program evaluation and high quality quantitative and qualitative research focused on program impact. It is crucial that such research continues to update, reinforce, and expand the rigorous documentation of WIC's positive effects on the women, infants and young children served by the program. To date, WIC studies have been wide ranging in theme and scale and have covered issues from the impact WIC has on obesity and cognitive development, to how the WIC food package meets the cultural needs of WIC population across the country. In this document, we outline the need for focused research on women's health, the Impact WIC has on obesity, and improving the quality and use of WIC. data. Each of the areas of focus serve nutrition education, breastfeeding support, referrals to health and social services and the healthy food

WIC is the only USDA nutrition assistance program with legislative and regulatory requirements to provide nutrition education. Breastfeeding support and referrals to health and social services are also integral for day-to-day WIC service delivery. Research that examines the impact of these services on participant behavior change and identifies best practices continues to be essential. As WIC stays committed to providing participant centered services, considering the needs of the population WIC serves should be central to WIC research.

The benefit most widely known and associated with the WIC Program is the food package. Currently, the WIC food packages are under review by the National Academy of Medicine (formerly called the Institute of Medicine) with recommendations expected in January of 2017. USDA is required to review the food packages every ten years so that they align with the most current nutrition science and the latest Dietary Guidelines for Americans. It is essential that the nutrition community continue to rigorously examine the food and nutrient intake of low income pregnant and breastfeeding women, postpartum women, infants and children to identify the types of foods and nutrients of greatest benefit to these population groups. A myriad of questions related to the maternal and young child populations have great relevance to the program; and well designed studies, even small in scale, have great potential to impact both current and future WIC food

Appropriate resources are needed to support quality WIC research and evaluation. For this reason. the NWA 2017 Legislative Agenda asks for a minimum of \$5 million to support ongoing research efforts and additional funds for grant based research. Some exciting work is being supported by USDA grants and contracts. Currently, the USDA is supporting focused research on how WIC impacts nutrition in the periconception period. In addition. the USDA funded two new research centers: The Center for Collaborative Research on WIC Nutrition Education Innovations, and most recently The Center for Behavioral Economics and

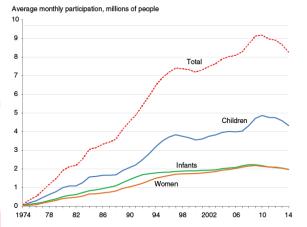
As the nation's premier public health nutrition program, WIC is a cost-effective. sound investment insuring the health of our children.

NWA'S MISSION

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## What do you think of when you hear the word **research**?

#### Participation for all three WIC groups fell for the fourth year in a row



WIC = Special Supplemental Nutrition Program for Women, Infants, and Children.
Source: USDA, Economic Research Service using data from USDA, Food and Nutrition Service.

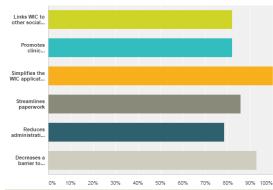
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73	50.72	49.14	46.04	50.63	48.05	60.11	48.85	48.19
74	50.92	46.09	42.32	51.86	42.87	44.00	48.98	65.29
75	39.04	36.49	35.25	38.76	34.74	34.71	35.88	37.52
76	16.72	16.47	48.67	48.61	31.75	31.93	8.26	49.17
77	49.96	48.38	41.08	46.85	50.71	49.42	52.64	50.01
8	71.11	75.60	72.22	75.80	69.59	72.04	75.44	74.21
'9	69.92	64.37	67.72	74.17	69.83	67.78	72.03	75.78
0	62.60	65.16	64.70	68.78	66.54	73.80	73.18	72.20
1	37.43	43.13	45.79	55.25	53.18	53.11	54.50	57.54
2	63.54	71.89	60.57	64.69	68.84	68.01	71.86	73.01
3	69.11	67.23	69.85	71.52	72.38	68.90	69.34	63.25
4	56.75	55.43	56.97	49.85	49.58	49.57	47.31	59.56
5	51.71	52.26	46.21	48.67	42.95	49.60	43.79	53.12
6	57.48	60.84	52.45	49.06	46.78	43.48	43.89	53.36
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8	52.46	50.23	46.46	35.24	71.49	61.55	40.11	64.69
9	70.78	69.72	68.65	69.80	69.99	67.65	71.99	69.69
10	44.50	44.75	40.82	43.69	43.45	40.38	44.42	43.59
11	45.31	46.97	45.03	47.01	47.47	44.67	46.97	46.05
2	73.76	76.38	72.15	76.35	76.05	72.36	74.91	72.92
13	55.05	56.19	51.49	55.22	53.48	48.79	54.85	52.51
4	38.33	38.23	37.35	38.27	37.21	35.54	36.35	36.43
5	39.85	38.56	37.86	38.02	36.93	37.14	38.76	36.49
6	41.28	53.25	28.14	40.19	39.18	37.84	52.13	26.82
7	42.37	43.13	39.75	42.34	41.31	38.98	41.85	40.92
8	67.42	69.17	66.68	70.40	71.81	68.75	85.54	59.36
99	38.86	39.61	36.05	38.10	35.42	33.94	56.26	21.31
		46.69	48.03	32.37	59.29	32.46	61.49	61.68
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What are the main benefits of Medicaid adjunctive eligibility (please check the benefits that apply to you)?

Answered: 28 Skipped: 9

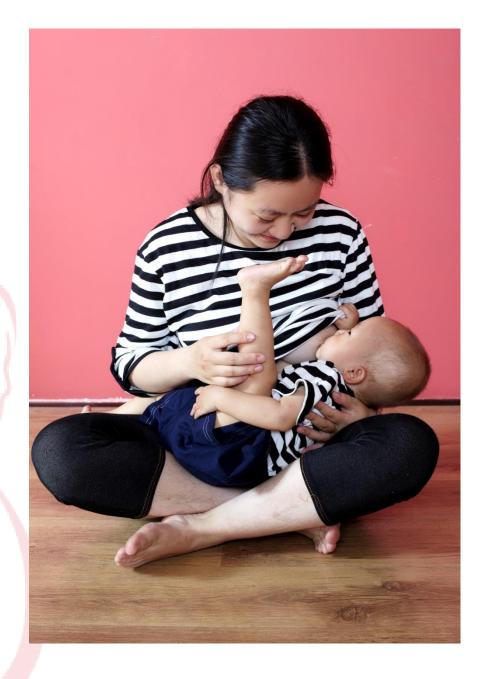


### Think of the bigger picture



## Women's Health

- •WIC's unique opportunity to engage with women in between pregnancies.
- •Address a number of physical and mental health issues, within the scope of WIC practice.



### Recommendations

 Research to explore innovative approaches to addressing postpartum health issues that fall within the appropriate scope of practice for WIC.

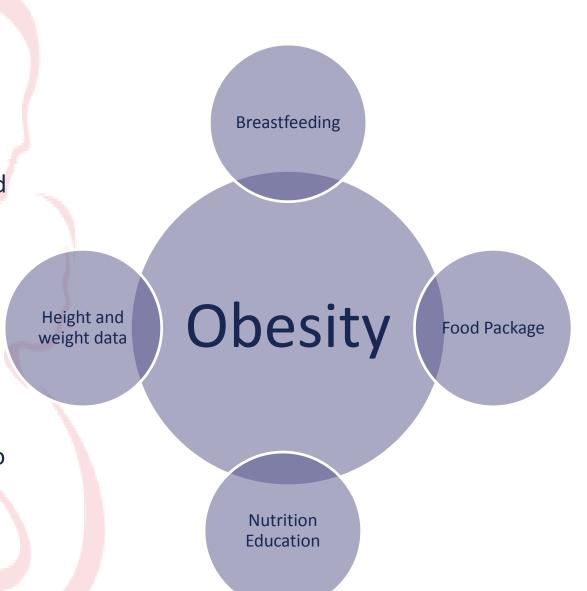
 Building partnerships with the medical community to provide services that are beyond that scope – mental health.

### Obesity

Obesity continues to be a focus of the WIC program.

Childhood obesity is linked to adult obesity and obesity early in life accelerates the onset of obesity-related chronic health problems.

Once an individual becomes overweight or obese, it can be difficult to revert back to a healthy weight.



### Height and weight data

- Loss of Centers for Disease Control and Prevention's (CDC) Pregnancy and Pediatric Nutrition Surveillance Programs (PedNSS/PNSS)
- Coordination is needed at the national and regional levels to facilitate the standardization, planning, and implementation of WIC data-derived obesity reports.
- Important that State WIC programs continue to maintain standardization in measurement, analysis and reporting of childhood obesity prevalence estimates from WIC height and weight measures.



### **Data**

- Demonstrates effectiveness and efficiency of WIC.
- Program planning, monitoring, evaluation, surveillance.
- Challenge different ways of collecting data and varying capacities to analyze it.
- Appropriate and sustainable funding streams must be identified.
- Improving data systems can directly benefit state and local programs.
- Data is one of WIC's biggest resources.

### Recommendations for data

- Identify and standardize key variables of interest from WIC administrative and health outcome data
- Evaluate WIC State agency management information systems (MIS) and the type of data collection in which WIC agencies are engaged.
- Explore data warehouse application and reporting systems that give local agency WIC programs access to their administrative data in a user-friendly format.
- Examine linkages with other data sources to explore characteristics of eligible non-participants.
- Explore best practices for utilizing Electronic Benefit Transfer (EBT)
  data for program management, caseload management, health
  outcome analysis, and strategic planning, as well as for cost
  containment and program integrity.

## What do we do with the Research Needs Assessment?

- Use it to engage with researchers, focus research on WIC.
- Monitor research and developments in these three areas and keep you updated.
- Over 40 years of research! Use it to demonstrate the amount of research being undertaken on WIC – foundation of research and evidence.
- Recognizes the value of collaborations between the research and WIC community.

### https://www.nwica.org/guidance-forplanning-conducting-andcommunicating-a-wic-research-project



#### National WIC Association

NWA is the non-profit education arm and advocacy voice of the Special Supplemental Nutrition Program for Women, Infants and Children (WIC).





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#### **TOPICS &** RESOURCES

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**BIBLIOGRAPHY** 

WIC RESEARCH **ACTIVITIES** 

**WIC JOB POSTINGS** 

#### Guidance for Planning, Conducting and Communicating a WIC Research Project

#### Planning a Research Project

For over 40 years WIC has been helping low-income families access healthy food, breastfeeding support, nutritio counseling and referrals to health and social services. Although WIC is one of the most researched Federal nutrit programs, there are always opportunities for meaningful research that could fill a knowledge gap and provide formative lessons for the program and new data that can support advocacy efforts. Additionally, research on WK occurs across disciplines and topics, including, for example, nutrition, breastfeeding, food policy, public policy an behavioral economics.

If you are looking for topics to research, we recommend consulting the National WIC Associations' Research Nee-Assessment, which is a list of high priority research topics for consideration by interested researchers. The latest version can be found here. In addition, there are many other research topics that are of value to WIC and those t may be valuable to a specific local context.

If you are considering planning a research project that focuses on a specific locale, we encourage you to conside the research needs of the locale you hope to conduct research within. Synergies between researchers and state and local WIC staff, enable WIC research projects to have a meaningful impact on local WIC programs. For examp WIC state administrators and local staff worked collaboratively with researchers at the University of Illinois (UIC) t develop projects to evaluate the revised WIC food packages and identify barriers to WIC child retention. As a resu the research generated from the partnership has helped inform programmatic direction.

#### Conducting Research within the WIC Community

The type of research you conduct may be determined by a number of factors such as timeframe, funding, and sc (whether you are conducting research on a local, state or national level). Another important consideration when

- 1. Clearly communicate research objectives, both verbally and in writing, when approaching state and/or local agencies with a request for their participation. If it is not possible to communicate verbally with every potential participant due to the scale of your project, consider hosting a webinar.
- 2. Define who the stakeholders will be in your research project. This may be straightforward or it may be more complex depending on whether the research project is being planned and conducted by the same entity or if contractors are undertaking some aspects of the research. Regardless, all stakeholders should be clear on the roles and responsibilities.
- 3. Agree on the type and level of input participating State and local agencies will be asked to provide throughout the project and what form of input will be requested (interviews, advisory panel, informal
- 4. Be aware of local policy issues that could be of concern to states, locals and WIC participants involved in your research. For example, be aware of sensitive or contentious issues and consider what impact your research could have on policy discussions at a local and national level. If unclear about whether your research could be policy-sensitive, contact NWA or your State WIC Director to discuss.
- 5. Communicate with WIC staff, what new insights you think your research will contribute to the WIC program or whether the research is being performed to meet federal requirements.
- 6. Clearly outline what is expected of participating WIC stakeholders involved in your project.
- 7. Be clear on when there will be opportunities for participating WIC stakeholders to ask questions before,
- 8. Provide details of the point person WIC should contact if they have questions about your research.
- 9. Clearly describe how you intend to use feedback provided by participating state and local agencies. For example, if you are proving an opportunity for state and local agencies or advisory panels to review documents, clearly describe how that feedback will influence next steps.
- 10. If requesting data from WIC state and local agencies, clearly describe the data you would like to obtain, including data fields, timeframe, and expected response time.
- 11. Mutually agree to how sensitive data will be used for the research. Are there any Internal Review Board or Personal Identifier Information considerations? Is an MOU required? If so, discuss how these will be
- 12. Describe who will have access to data provided for the research, how it will be stored throughout the project lifecycle, and how the data will be handled after the research is complete.
- 13. Mutually agree to whether and how raw data files and analytic files can be used after the research is
- 14. If making recommendations, ensure that they are realistic and note limitations relative to their
- 15. Discuss with stakeholders how you plan to disseminate study findings.

#### **NWA Evaluation Committee**

- Shannon E. Whaley, PhD, Chair
- Jackson P. Sekhobo, PhD, MPA, State Directors Section
- Rachel Colchamiro, MPH, RD, LDN, CLC, Nutrition Services
   Section
- Debi Tipton, MS, RD/LD, Native American Coalition
- Kobra Eghtedary, PhD, At-Large Member
- Pat Gradziel, PhD, RD, At-Large Member
- Julie Reeder, PhD, MPH, MS, CHES, At-Large Member
- Elizabeth Frazao, PhD, **USDA-ERS Partner**
- Melissa Abelev, USDA-FNS Partner

# Are you from a Local WIC Agency and interested in research and evaluation?

We are looking for a new Evaluation Committee member!

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### Thank you!

