

Diaper Distribution Demonstration and Research Pilot Baseline Data Collection

**OMB Information Collection Request
0970 – 0531**

Supporting Statement Part B – Statistical Methods

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Submitted By:
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Administration for Children and Families
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1. Respondent Universe and Sampling Methods

The Office of Community Service (OCS) will use non-random probability sampling to complete this formative information collection, as described here.

Beneficiary and Waitlist Surveys (Instruments 1 and 3): The potential respondent universe for these instruments includes any family enrolling to receive diapers and diapering supplies from the Diaper Distribution Demonstration and Research Pilot (DDDRP). There are seven grant recipients, and each grant recipient anticipates serving about 140 families¹. Based on this, we expect to distribute the beneficiary survey to about 1000 potential respondents. We estimate about a 70% response rate to the survey, for a total sample size of 700 respondents to the beneficiary survey.

We expect that there will be at least 50 additional families who would like to be in the program but will be waitlisted due to resource constraints. Based on that estimate, we expect to distribute the waitlist survey to about 350 potential respondents. With a 70% response rate, we estimate 245 respondents to instrument 3.

Partner Organization Interview (Instrument 2): The potential respondent universe is estimated at 35 partner organizations. We expect all organizations listed as a formal partner of DDDRP grant recipients will likely participate in these interviews.

2. Procedures for the Collection of Information

The **Beneficiary and Waitlist surveys (Instruments 1 and 3)** will be programmed in an electronic collection system, such as Survey Monkey and will be distributed by partner organizations. Surveys will be submitted directly to OCS through the electronic collection system. The electronic collection system will include both skip patterns and checks for missing or incomplete data. OCS staff will also clean the data post collection before analysis begins.

OCS program managers and program specialists will schedule **Partner Organization Interviews** with each partner at a time convenient for the partner. Interviews will take place virtually through an online platform. OCS staff will conduct the interviews using an interview protocol (**see Instrument 2**), which will be recorded with respondent's permission. Data will be gathered as a narrative and therefore will be qualitative data.

Once collected, OCS staff will clean the data collected from all three instruments and prepare for analysis. For Instrument 1, OCS staff will start by comparing diaper need across our seven programs in different geographic regions throughout the country to understand if there are any significant differences in the level of diaper need. Additionally, OCS will look for common challenges with regard to diaper need for families with low incomes. OCS will also

¹ Estimates are based on information provided in grant recipient applications.

analyze demographic data across and within programs to better understand the groups in greatest need of assistance with diapers and diapering supplies. For Instrument 3, OCS will use the data collected to understand how much additional diaper need exists in vulnerable communities. For Instrument 2, OCS will compare diaper procurement and distribution strategies across all seven programs against the number of individuals served (Instrument 1) to better understand the most efficient and effective program models. This data will also help OCS to know how many additional individuals and families the programs were able to serve with the influx of funding support for diapers and diapering supplies.

OCS also intends to share the data collected with the federal implementation evaluation contractor.

3. Methods to Maximize Response Rates and Deal with Nonresponse

Both grant recipients and partner organizations agreed to participate in federal data collections as a requirement of the DDDRP grant. Thus, we expect all partner organizations to participate in the partner organization interviews (instrument 2).

Instruments 1 and 3 will be given to families who want to receive diapers and diapering supplies from any partner organization. We can reasonably expect that most families who want to consistently receive diapers from the partner organizations will take the time to complete the enrollment form but understand that some families may not complete the form, for a variety of reasons. Therefore, we're aiming for a 70% response rate to these surveys.

4. Test of Procedures or Methods to be Undertaken

There are no formal tests of procedures or methods being taken at this time. However, OCS has experience collecting large amounts of data from grant recipients, partner organizations, and direct beneficiaries through Quarterly Reporting in two of our program offices. Thus, DDDRP is going to rely on best practices and lessons learned from those OMB approved collections.

5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data

The ACF OCS employee consulted on the data collection design for the DDDRP is Rachel Hammond, Program Specialist in the Low Income Household Water Assistance Program (LIHWAP). The data will actually be collected by 35+ partner organizations. The data analysis will be conducted internally by the ACF OCS staff working on the DDDRP program.

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