

# **Supporting Evidence-Based Home Visitation Programs to Prevent Child Maltreatment (EBHV)**

**NDACAN Dataset Number 185  
USER'S GUIDE**



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# **SUPPORTING EVIDENCE-BASED HOME VISITATION PROGRAMS TO PREVENT CHILD MALTREATMENT (EBHV)**

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## Preface

The data for *Supporting Evidence-Based Home Visitation Programs to Prevent Child Maltreatment (EBHV)*, have been given to the National Data Archive on Child Abuse and Neglect for public distribution by Kimberly Boller. Funding for the project was provided by the U.S. Department of Health and Human Services, Administration for Children and Families, Administration on Children, Youth and Families, Children's Bureau (Award Numbers: GS-10F-0050L/HHSP233200800065W and GS-10F-0050L/HHSP233201200516G).

## Acknowledgement of Source

Authors should acknowledge the National Data Archive on Child Abuse and Neglect and the original collector of the data when they publish manuscripts that use data provided by the Archive. Users of these data are urged to follow some adaptation of the statement below.

The data used in this publication were made available by the National Data Archive on Child Abuse and Neglect, Cornell University, Ithaca, NY, and have been used with permission. Data from *Supporting Evidence-Based Home Visitation Programs to Prevent Child Maltreatment (EBHV)* were originally collected by Kimberly Boller, Deborah A. Daro, Patricia Del Grosso, Russell Cole, Diane Paulsell, Bonnie Hart, Brandon Coffee-Borden, Debra Strong, and Margaret Hargreaves. Funding for the project was provided by the U.S. Department of Health and Human Services, Administration for Children and Families, Administration on Children, Youth and Families, Children's Bureau (Award Numbers: GS-10F-0050L/HHSP233200800065W and GS-10F-0050L/HHSP233201200516G). The collector of the original data, the funder, NDACAN, Cornell University and their agents or employees bear no responsibility for the analyses or interpretations presented here.

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## **Publication Submission Requirement**

In accordance with the terms of the *Data License* for this dataset, users of these data are required to deposit a copy of any published work or report based wholly or in part on these data with the Archive. A copy of any completed manuscript, thesis abstract, or reprint should be sent to the National Data Archive on Child Abuse and Neglect, Cornell University, Bronfenbrenner Center for Translational Research, Beebe Hall, Ithaca, New York 14853. Such copies will be used to provide funding agencies with essential information about the use of NDACAN resources and to facilitate the exchange of information about research activities among data users and contributors.

## **ABSTRACT**

In 2008, the Children's Bureau (CB) within the Administration for Children and Families (ACF) at the U.S. Department of Health and Human Services funded 17 cooperative agreements (subcontractors) to support the development of infrastructure needed for the high quality implementation of grantee-selected evidence-based home visitation programs to prevent child maltreatment. CB/ACF funded Mathematica Policy Research and Chapin Hall at the University of Chicago to design and conduct a participatory and utilization-focused cross-site evaluation of the subcontractors' programs. The primary purpose of the cross-site evaluation was to augment the existing evidence base by identifying successful strategies for adopting, implementing, and sustaining high quality home visiting programs to prevent child maltreatment. The national cross-site evaluation included four domains: (1) systems change and infrastructure building, (2) fidelity to evidence-based home visiting models, (3) cost analysis, and (4) a process study. The project will archive data used to assess the fidelity to five evidence-based home visiting models, including data on staff and participant characteristics, service data, and the Working Alliance Inventory, an instrument design to assess home visitor-participant relationships. Data were submitted by 48 implementing agencies from 16 of the EBHV subcontractors. These data describe service delivery between October 1, 2009 and June 30, 2012.



## STUDY OVERVIEW

### **Study Identification**

*Supporting Evidence-Based Home Visitation Programs to Prevent Child Maltreatment (EBHV)*

#### **Investigator(s):**

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U.S. Department of Health and Human Services, Administration for Children and Families,  
Administration on Children, Youth and Families, Children's Bureau

#### **Award Numbers:**

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### **Purpose of the Study**

The primary purpose of the cross-site evaluation was to augment the existing evidence base by

identifying successful strategies for adopting, implementing, and sustaining high quality home visiting programs to prevent child maltreatment. The national cross-site evaluation included four domains:

1. systems change and infrastructure building
2. fidelity to evidence-based home visiting models
3. cost analysis
4. a process study

The project archived data used to assess the fidelity to five evidence-based home visiting models, including data on staff and participant characteristics, service data, and the Working Alliance Inventory, an instrument design to assess home visitor-participant relationships.

### **Study Design**

Seventeen subcontractors participated in the EBHV cross-site evaluation. Nine subcontractors were the implementing agency (IA) for the EBHV program and administered direct service activities. Eight subcontractors worked with from 2 to 14 IAs as part of the EBHV initiative. As of June 30, 2012, across the 17 subcontractors, 48 IAs provided home visiting services to participants. Of these, 46 IAs from 16 EBHV subcontractors agreed to provide data to the EBHV cross-site evaluation, including data to assess the fidelity with which home visiting models were being implemented. Three data sources (monthly program reports, the EBHV Fidelity Database, and the Nurse-Family Partnership (NFP) – Efforts to Outcomes [ETO] system) provide elements for analysis of structural and dynamic aspects of fidelity. This report analyzes data describing service delivery between October 1, 2009, and June 30, 2012 at 46 IAs.

### **Date(s) of Data Collection**

Data collection started October 1<sup>st</sup>, 2009 and concluded June 30<sup>th</sup>, 2012.

### **Geographic Area**

The data are relevant to the following states: CA, CO, DE, IL, NJ, NY, OH, OK, RI, SC, TN, TX, UT

### **Unit of Observation**

The unit of analysis varies by data file. Source data were collected at the levels of individual participants, staff members, home visits, monthly implementing agency (IA) program reports, and monthly staff caseload reports. Calculated variables include aggregations of data within these levels, merging of related data from different sources, plus aggregations of data to different levels (such as visits, to participant level, and then to IA level). Data files contain source data followed by constructed or calculated variables (except that there are no constructed variables in the monthly program reports file, and no source variables in the IA level file). In the cross-site evaluation report most data are reported across all home visiting models as well as by each home visiting model being implemented. Descriptive information is always presented at the participant, staff member, or home visit level. For some IAs, not all participant or staff data were available, and the prevalence of missingness in these data was problematic. To report as much information as possible, items are presented even when they suffer from missing data. Fidelity indicators were calculated at the IA level before being aggregated. The number of IAs included varies by indicator, depending on what data were needed to calculate the

indicator.

### **Sample**

Seventeen subcontractors participated in the EBHV cross-site evaluation. Nine subcontractors were the implementing agency (IA) for the EBHV program and administered direct service activities. Eight subcontractors worked with from 2 to 14 IAs as part of the EBHV initiative. As of June 30, 2012, across the 17 subcontractors, 48 IAs provided home visiting services to participants. Of these, 46 IAs from 16 EBHV subcontractors agreed to provide data to the EBHV cross-site evaluation, including data to assess the fidelity with which home visiting models were being implemented. Data were collected from the 16 EBHV subcontractors in the following states: CA, CO, DE, IL, NJ, NY, OH, OK, RI, SC, TX, TN, UT. The target populations of the different home visiting models implemented in EBHV are distinct, and thus the participant sample for this study was quite varied. Descriptive information on the EBHV Implementing Agencies (IAs), supervisors, home visitors, and families is provided in Section II.b of Boller et al. 2014. The archive data files contain some additional participant and visits records beyond what was included in the sample for the evaluation report, which was restricted to participants with at least one scheduled visit (before any reported exit date).

### **Data Collection Procedures**

1) Fidelity Data Collection Approach Fidelity data collection was local and occurred quarterly or monthly. Data were collected locally by staff at IAs and transmitted to the EBHV cross-site evaluation team directly, through the subcontractor, or through the model developer. To maximize the collection of high quality data, in February 2010 the cross-site evaluation team hosted a webinar for subcontractors on fidelity data collection. The training focused on the fidelity measures, as well as on procedures for training data collection staff at IAs, strategies for high quality data collection, and common data collection challenges. The cross-site evaluation team developed a training manual and provided it to all 17 subcontractors (Barrett et al. 2010). The training manual contained all necessary data collection forms (see Boller et al. 2013). Not all data elements were collected on an ongoing basis. For example, demographic information for staff and participants was collected only at program entry in the EBHV Fidelity Database. However, home visitor and supervisor monthly caseloads were collected monthly, and home visit encounter information was collected for each scheduled home visit, whether or not the home visitor actually met with the participant. Second, subcontractors implementing the NFP model collected only program-level and home visitor or supervisor information in the EBHV Fidelity Database. Participant-level data, except for the Working Alliance Inventory (WAI), was provided to the cross-site evaluation team by the NFP's National Service Office (NFP-NSO) through the NFP-ETO data system. Most subcontractors were using the cross-site evaluation EBHV Fidelity Database to provide some fidelity data on home visitors, supervisors, and participants. As discussed below, not all subcontractors or IAs provided all the data requested. From the database, four de-identified extracts were generated annually that contained the data on staff, their monthly caseloads, participants, and home visits. These extracts were sent to the cross-site evaluation team. A few subcontractors submitted one or more of the required extracts in an alternative format (for example, SPSS or Excel) from their preexisting data collection system. Subcontractors using alternative formats were provided with the file layouts; an EBHV Fidelity Codebook that contained the variables in the file layouts, indicated the variable type (for example, alpha, numeric, date), and the response category values; and annotated instruments to help connect the data forms with the EBHV Fidelity Codebook. They were asked to adhere to these to the extent possible. A consequence of accepting alternative file formats was that some subcontractors had

more missing data than others, because the files were usually generated via an existing database that predated the EBHV cross-site evaluation, so they may not have included all the items in the EBHV Fidelity Database or items may have been based on different coding categories. The EBHV cross-site evaluation team processed the data received. Data from all sources (NFP-ETO, EBHV Fidelity Database, monthly reports, and preexisting subcontractor data systems) were reviewed for errors, which were communicated to the subcontractor and data provider and resolved if possible. To support the combining of similar data elements from several systems (for example, NFP-ETO, EBHV Fidelity Database, and subcontractors' preexisting data systems), the data were cleaned and recoded to the extent possible. Where data from different sources could not be fully integrated, separate variables are included in the data files that apply only to sample members from specific IAs or program models. The variable names are similar to the general variables, and the Source Variables codebook describes the variables and which IAs or model they apply to. IAs described as "group 1" are 14, 15, 53, and 57, and IAs described as "group 2" are 61, 62, 63, 65, and 67. 2) Monthly program reports Each month, the IA completed a monthly program report form (see Boller et al. 2013). The form captured information on the program model implemented, enhancements to the standard program model, certification by the national model developer, and program capacity (funded participant slots, whether functioning at full capacity, number of families newly referred, number of referred families who met program criteria, and group meetings for home visitors and supervisors). Completed monthly program reports were transmitted to the cross-site evaluation team in paper form, where they were entered electronically.

### **Response Rates**

Although 16 EBHV subcontractors agreed to share data with the cross-site evaluation team, not all IAs collected or contributed all data elements. The Cross-Site Evaluation report is based on the data for participants served between October 1, 2009, and June 30, 2012. Table A.8 in Boller et al. 2014 presents the specific data elements each IA contributed to this analysis. The archived data files contain a few additional participant and home visit records that were not included in the analysis. The cross-site evaluation team received some data from 16 of 17 subcontractors. Forty-six IAs, representing all five home visiting models, contributed at least one data type to the fidelity analysis.

### **Sources of Information**

Data were collected locally by staff at IAs and transmitted to the EBHV cross-site evaluation team directly, through the subcontractor, or through the model developer. Data originated from project developed instruments and an adapted version of the Working Alliance Inventory. Data were collected from the home visitor, home visitor's supervisor, and the parent/caregiver.

### **Type of Data Collected**

Data provided in the archived data files are from survey, aggregate, event, and administrative sources.

### **Measures**

#### **EBHV Family/Child Program Exit Form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV*

*family/child program exit form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

This form was completed for each family that had been involved in the home visiting program but was no longer involved. It was completed at the time the individual left the program, and provided information about the date of the last home visit and the primary reason service ended. Information from this form was used to construct the indicator of the number of visits provided or weeks of enrollment, since regular contact with families is the main focus of all program models. Comparing the number of visits per week for participants with varying service outcomes was used to construct a variable of whether service intensity differed for those who successfully completed the program versus those that did not.

### **EBHV Home Visiting Encounter Form**

Boller, K., Daro, D., Strong, D.A, Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV home visiting encounter form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D.A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

This form was completed for each family after each scheduled home visit, whether or not the home visitor actually met the participant. Information collected included when and where the visit occurred, how long the visit lasted, and what topics or activities the visit focused on. Because the five home visiting models studied vary significantly, we created model-specific data collection forms to capture information on the content of the home visits. These Home Visit Encounter Forms were presented to

development staff from each model before being put into service. Information from this instrument was used to construct indicators of participant enrollment and duration, service dosage, and visit planning.

### **EBHV Home visitor/Home Visitor Supervisor Demographic and Employment Characteristics**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV Home visitor/Home Visitor Supervisor Demographic and Employment Characteristics*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Implementing agencies (IAs) provided information on home visitors and home visitor supervisors demographic and employment data. The first step in the analysis was to look at the descriptive information available to begin to get a picture of the IAs in the analysis. We calculated means and frequencies of demographic variables for each agency's staff. We provided summaries of staff populations, by model, to model developers for their input on how well these reflected their models' national populations.

### **EBHV Home Visitor/Home Visitor Supervisor Model-Specific Training Form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV Home Visitor/Home Visitor Supervisor Model-Specific Training Form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

This instrument was completed for each home visitor/home visitor supervisor at the implementing agency. Information from this instrument was used to construct indicators of home visitor/home visitor supervisor education levels and whether staff completed basic model training.

### **EBHV Home Visitor/Home Visitor Supervisor Monthly Caseload Form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV home visitor/home visitor supervisor monthly caseload form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Information on home visitor and home visitor supervisor caseloads were collected monthly. Home visitors provided information on the number of current families served through the home visiting model. Home visitor supervisors reported the number of home visitors supervised and the average hours of one-on-one supervision provided to home visitors. Indicators constructed from this instrument included the mean monthly home visitor/home visitor supervisor caseloads, and percentage of home visitor/home visitor supervisors at or below required caseload based on the target caseloads established by model developers.

### **EBHV Home Visitor/Home Visitor Supervisor Program Exit Form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV home visitor/home visitor supervisor program exit form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

This instrument was completed for each home visitor and home visitor supervisor that had been involved in the home visiting program but was no longer involved. Information provided included the exit date and primary reason for exit.

### **EBHV Participant demographic form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV participant demographic form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Implementing Agencies (IAs) provided information on participant demographic and employment data. The first step in the analysis was to look at the descriptive information available to begin to get a picture of the IAs in the analysis. We calculated means and frequencies of demographic variables for each agency's participants. We provided summaries of participant populations, by model, to model developers for their input on how well these reflected their models' national populations.

### **EBHV Parent/Child Referral Form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV parent/child referral form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Ser

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Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.



This instrument was completed for each participant at the time the referral for the home visiting program was received. The instrument asked about the relationship of the participant to the target child, the initial referral date to the home visiting program, and the primary referral source. Information from this instrument was used to construct an indicator of the percentage of total referrals during the observation period meeting model standards for characteristics of the target population, under the assumption that programs operate more efficiently if they are receiving more appropriate referrals.

### **EBHV Pregnancy History and Child Information Form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV pregnancy history and child information form*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

This instrument was used to collect information about participant pregnancy history and number of children born.

### **EBHV Program-level Monthly Data Reporting Form**

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *EBHV Program-level monthly data reporting form [Instrument]*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Each month, the IA completed a monthly program report form. The form captured information on the program model implemented, enhancements to the standard program model, certification by the national model developer, and program capacity (funded participant slots, whether functioning at full capacity, number of families newly referred, number of referred families who met program criteria), and group meetings for home visitors and supervisors. Information from the monthly reports was used to create an indicator of the mean number of group staff meetings per month during the observation period.

### **EBHV Adapted Working Alliance Inventory (WAI)**

Horvath, A. O. (1986). *The working alliance inventory (WAI)*.

Horvath, A. O., & Greenberg, L. S. (1987). Development of the Working Alliance Inventory. In S. Greenberg & W. M. Pinsoff (Eds.), *The psychotherapeutic process: A research handbook* (pp. 529-556). New York, New York: Guilford.

Horvath, A. O. & L. S. Greenberg (1994). *The working alliance: theory research and practice*. New York, New York: Wiley.

Horvath, A. O. (1995). The therapeutic relationship: from transference to alliance. *In Session: Psychotherapy in Practice, 1*, 7-18.

Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Boller, K., Daro, D., Strong, D. A., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C., Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data collection instruments for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

The WAI adapted for the EBHV study assessed the relationship developed between the home visitor and participant. In this study, information from the WAI was used to construct indicators measuring dynamic fidelity, such as whether services delivered were perceived by both the provider and the participant as collaborative, strength-based, and mutually respectful. The WAI is adapted from the original version designed to measure the alliance or relationship between a therapist and client. This 12-item measure captures the nature of the relationship in three core domains: TASKING. Provider and participant perceptions of what needs to happen to reach service goals, establish relative priorities, and, if necessary, obtain a new perspective on how to move forward. BONDING. Provider and participant perceptions regarding the other party in terms of liking each other, confident in their ability to do the job (or make the changes needed), mutual appreciation, and trust. GOAL SETTING. Provider and participant perceptions of their agreement on service goals, ability to develop mutual goals, and agreement on the change needed to achieve program objectives. Respondents rated each of the 12 items on a seven-point scale, from never feeling a situation applies to their participant-provider relationship (1) to always feeling this situation applies (7). Scores on the individual domains ranged from 4 to 28. We set a threshold for determining that respondents viewed their relationship as very positive when the

mean score for a specific construct was greater than or equal to 6 (or viewing an item as “very often” or “always” reflecting their situation). In addition to examining individual ratings in each domain, the indicators include a summary score, looking at the quality of the relationship across all three areas as well as the degree to which the assessments within each domain were consistent across a specific home visitor and participant.

### **Related Publications & Reports**

**Users are strongly encouraged to review these references before doing analyses. To view a complete list of publications visit our online citations collection called “canDL” by going to <http://www.ndacan.acf.hhs.gov/publications/publications.cfm> , Once on the page, navigate to the DS# 185 folder to view all publication citations relevant to this dataset.**

- Barrett, K., Zaveri, H., & Strong, D. A. (2010). *Fidelity data collection manual for the evidence-based home visiting to prevent child maltreatment cross-site evaluation*. Washington, DC: Children’s Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.
- Boller, K., Daro, D., Strong, D., Zaveri, H., Paulsell, D., Hargreaves, M., Cole, R., Del Grosso, P., Vogel, C. Burwick, A., Meagher, C., Barrett, K., & Coffee-Borden, B. (2013). *Data Collection Instruments for the Evidence-Based Home Visiting to Prevent Child Maltreatment Cross-Site Evaluation*. Washington, DC: Children’s Bureau, Administration for Children and Families, U.S. Department of Health and Human Services. Available from: <https://www.mathematica-mpr.com/our-publications-and-findings/publications/data-collection-instruments-for-the-evidencebased-home-visiting-to-prevent-child-maltreatment-crosssite-evaluation>
- Boller, K., Daro, D., Del Grosso, P., Cole, R., Paulsell, D., Hart, B., Coffee-Borden, B., Strong, D., Zaveri, H., & Hargreaves, M. (2014). *Making replication work: Building infrastructure to implement, scale-up, and sustain evidence-based early childhood home visiting programs with fidelity*. Washington, DC: Children’s Bureau, Administration for Children and Families, US Department of Health and Human Services. Available from: <https://www.mathematica-mpr.com/our-publications-and-findings/publications/making-replication-work-building-infrastructure-to-implement-scaleup-and-sustanin-evidencebased-issue-brief>
- Daro, D. (2010). *Replicating evidence-based home visiting models: A framework for assessing fidelity*. Washington, DC: Children’s Bureau, Administration for Children and Families, US Department of Health and Human Services. Available from: <https://www.mathematica-mpr.com/our-publications-and-findings/publications/replicating-evidencebased-home-visiting-models-a-framework-for-assessing-fidelity>
- Daro, D., Hart, B., Boller, K., & Bradley, M. C. (2012). *Replicating home visiting programs with fidelity baseline data and preliminary findings*. Washington, DC: Children’s Bureau, Administration for Children and Families, US Department of Health and Human Services. Available from: <https://www.mathematica-mpr.com/our-publications-and-findings/publications/replicating-home-visiting-programs-with-fidelity-baseline-data-and-preliminary-findings>

Daro, D., Hart, B., Boller, K., & Bradley, M.C. (2012). *Replicating home visiting programs with fidelity: Baseline data and preliminary findings*. Washington, DC: Children's Bureau, Administration for Children and Families, US Department of Health and Human Services. Available from: <https://www.mathematica-mpr.com/our-publications-and-findings/publications/replicating-home-visiting-programs-with-fidelity-baseline-data-and-preliminary-findings>

Koball, H., Zaveri, H., Boller, K., Daro, D., Knab, J., Paulsell, D., Hargreaves, M., Strong, D.A., Malone, L., Del Grosso, P., & Xue, Y. (2009). *Cross-site evaluation of the supporting evidence-based home visiting grantee cluster: Evaluation design volume 1*. Washington, DC: Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services. Available from: <https://www.mathematica-mpr.com/our-publications-and-findings/publications/crosssite-evaluation-of-the-supporting-evidencebased-home-visiting-grantee-cluster-evaluation-design-volume-1>

### **Analytic Considerations**

The data files included in this collection can be merged/linked. Secondary analysts should take care to fully understand the organization of the data contained in each file prior to conducting the merge (e.g., multiple-records-per-id or one-record-per-id). Data files can be merged using the following variables from each data file:

monthly\_reports\_ruf: IA\_ID

ebhv\_indicators\_ruf: IA\_ID

hv1\_staff\_ruf: S\_IDnum and IA\_ID

hv2\_caseloads\_ruf: S\_IDnum and IA\_ID

hv3\_participants\_ruf: P\_IDnum and IA\_ID

hv4\_visits\_ruf: P\_IDnum, S\_IDnum, and IA\_ID

The algorithms for constructed variables appearing in each of the data files, can be found in the documents with a file name starting with, "EBHVRUFConstructedVariablesCodebook" followed by the name of the data file in which they correspond.

### **Confidentiality Protection**

All dates have been modified to protect confidentiality. In the staff characteristics file, dates were rounded to the midpoint of the calendar quarter (i.e. 1/10/10 becomes 2/15/10). In the visits and participants files, a base date variable was created equal to the first scheduled visit for the participant, if non-missing, or the referral date if the first scheduled visit was missing. All program-related dates were then calculated as the number of days from the base date. The base date was then rounded to the midpoint of the calendar quarter. Only the year is provided for birth dates of participants and of other children in the household. Some bottom-coding was applied to date variables such as dates of birth, when started working in the model, date of model developer certification, etc. Some bottom- and top-coding has been applied to other data items that might present a confidentiality risk, such as number of

other children in the home, number of funded program slots, etc Home visiting model is included in each file, which may present challenges to confidentiality for models implemented by a small number of IAs. New IDs were created for IAs and sample members at all levels for the RUF. Information on home visiting model is included in the IDs, but the files contain no information on which subcontractors the IAs were affiliated with (although there are certain “clusters” of IAs with some distinctive data patterns that may provide clues to affiliated IAs). There are no primary identifiers in the data files, and open-ended text responses are excluded.

### **Extent of Collection**

This collection consists of the User’s Guide, codebooks in MS Excel (2 files with multiple tabs) and pdf formats (10 files), five text data file with import program files for SAS, SPSS, and Stata, one tab-delimited data file, and files native to SPSS, Stata, and SAS. The following documents in pdf format have been included in the dataset:

Building\_infrastructure.pdf  
Costs of EC Home Visiting.Final Report.January 30 2014.2.pdf  
del grosso daro annual report 2009.pdf  
EBHV Cost Savings Brief.pdf  
EBHV Cost Study Background and Design April 2012.pdf  
EBHV Cross-Site Eval Data Instruments 5-1-12.pdf  
EBHV\_Final Report Synopsis.pdf  
EBHV\_MakingReplication\_Final.pdf  
Evidence-Based Home Visiting Systems Evaluation Update.pdf  
experiences\_brief.pdf  
Fidelity.pdf  
hargreaves paulsell\_evaluating systems change\_2009.pdf  
koball et al design overview 2009.pdf  
koball et al design report 2009.pdf  
EBHV\_Fidelity\_Training\_Manual\_2\_26\_10\_FINAL.pdf

### **Extent of Processing**

NDACAN produced the User’s Guide, SPSS, Stata, and SAS native and program import files, and text data file in .dat and .tab formats. Each tab from the MS Excel codebooks were converted to a pdf.

## DATA FILE INFORMATION

### File Specifications

There are six data files in this collection:

ebhv\_indicators\_ruf  
hv1\_staff\_ruf  
hv2\_caseloads\_ruf  
hv3\_participants\_ruf  
hv4\_visits\_ruf  
monthly\_reports\_ruf

### Data File Notes

Consistency checks were performed on all files, but some inconsistent data and apparent “outlier” values were allowed to remain when it was not clear which item was the cause of the inconsistency or whether there could be some value to “unexpected” data. Dates of form completion (e.g. FR\_date, FD\_date) contain particularly high levels of odd looking data.

In the source data (except for monthly program reports) the first characters of the variable names indicate the source of the data and subsequent characters are usually based on the item number or letter. For example, FR02 is from the family referral form (FR) and is the second question (02).

Each data file contains data collected from multiple measures. The question text relating to each measure can be found in the appendices of the study document titled, “*Fidelity Data Collection Manual for the Evidence-Based Home Visiting to Prevent Child Maltreatment Cross-Site Evaluation.*” Data collected from the “Program-Level Annual Funding Report Form (Appendix B)” were not included in this data collection.

The “hv1\_staff\_ruf” file contains data from the following measures:

- Home Visitor/Home Visitor Supervisor Demographic and Employment Characteristics Form (Appendix C)
- Home Visitor/Home Visitor Supervisor Model-Specific Training Form (Appendix D)
- Home Visitor/Home Visitor Supervisor Program Exit Form (Appendix F)

The “hv2\_caseloads\_ruf” file contains data from the following measure:

- Home Visitor/Home Visitor Supervisor Monthly Caseload Form (Appendix E)

The “hv3\_participants\_ruf” file contains data from the following measures:

- Participant/child Referral Form (Appendix G)
- Participant Demographic Form (Appendix H)
- Pregnancy History and Child Information Form (Appendix I)
- Family/child Program Exit Form (Appendix K)

- Working Alliance Inventory-Home Visiting Short Form-WAI (Appendix L)

The “hv4\_visits\_ruf” file contains data from the following measure:

- Home Visiting Encounter Form (Appendix J)

The “monthly\_reports\_ruf” file contains data from the following measure:

- Program-Level Monthly Data Reporting Form (Appendix A)

The “ebhv\_indicators\_ruf” contains the following data:

- Derived variables used to assess fidelity

**Technical support for this dataset is provided by NDACAN.**

**Please send your inquiries to [NDACANSUPPORT@cornell.edu](mailto:NDACANSUPPORT@cornell.edu)**