Overall Approach for the EBHV Cross-Site Evaluation

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Roadmap to the Afternoon

- Review progress made since the grantee kick-off meeting
- Present emerging overarching design
- Discuss specific areas in more detail
- Provide opportunity for grantees to comment on approach
Design Process
Participatory Utilization-Focused Approach
Participatory Process

- Review grantee applications and updated workplans
- Facilitate peer learning network webinars
- Facilitate domain workgroups
- Conduct a series of individual consultations with grantees on systems
Evaluation Design Process

- Based on domain calls, identify measures
- Draft domain evaluation approach
- Draft comprehensive process study approach
- Present emerging evaluation design for feedback
Proposed Framework
EBHV National-Level Logic Model

Grant Funds and Requirements, Program and Evaluation Technical Assistance, Peer Learning Network

Cross-Site Evaluation Feedback

System Attributes

Local Evaluation Feedback

EBHV Supporters

Goals ↔ Activities

Infrastructure Capacity

Infrastructure Changes

Fidelity

Family and Child Outcomes (Benefits)

Costs

Family and Child Outcomes (Benefits)
Overview of Proposed Design

- Common framework across grantees to examine outcomes in each domain: Systems, fidelity, cost, family and child
- Identify common indicators of the evaluation domains
- Data collection is based on grantees’ local evaluation goals
Systems Domain: Focus

- Infrastructure capacities to support grantees’ infrastructure goals for fidelity, scale up, and sustainability

- Collaborative relationships among actors working on infrastructure goals across multiple systems levels

- Change over time in grantees’ logic models for systems change
Fidelity Domain: Focus

- The extent to which an intervention is implemented as intended by its designers
- All intervention components and activities were implemented
- They were implemented in the proper manner
Family and Child Outcomes: Focus

- Parental risk and protective factors for child maltreatment
- Indicators of child maltreatment
- Child outcomes, such as behavioral problems or improvements in behavior
Cost Domain: Focus

- The resources devoted to delivering an effective EBHV program, as well as the essential infrastructure for supporting it
- The true cost of the program and related support
Process Study: Focus

- Context in which each grantee operates
- Influence of context on grantees’ progress in evaluation domains
- Implementation of grant initiative
- Challenges and barriers encountered
Proposed Research Questions
Systems Domain: Research Questions

- How did grantees, working through different systems, build infrastructure capacity to support implementation with fidelity to evidence-based home visiting models, scale up of high-fidelity interventions, and sustainability of high-fidelity interventions after the grant funding ended?

- What infrastructure changes occurred?
Fidelity Domain: Research Questions

- Were the home visiting programs implemented and delivered with fidelity?
- To what extent did the grantees modify the national model to “fit” their target populations and local service delivery context?
- What contextual factors were associated with fidelity of implementation?
Family and Child Domain: Research Questions

- Do EBHV programs improve family and child outcomes when programs are implemented in the “real world” and supported by investments in infrastructure?

- How do effects vary across the different target populations grantees are working with and across program models?
How did grantees identify their intended outcomes; how and for what reasons did grantees adjust their perspectives on achieving these outcomes as the initiative matured?
Cost Domain: Research Questions

- What are the total costs of delivery and support of the home visiting programs during a typical operating year?

- What does each program cost per participating family?
Cost Domain: Research Questions (cont.)

- How are costs allocated across key program components?
- How do costs vary by key program features and contexts?
Cross-Domain Research Questions

- Are systems and change in those systems related to fidelity?
- Are greater investments (costs) related to greater fidelity?
- How do costs vary among grantees focusing on different systems change activities?
- What contextual factors were found to be barriers or facilitators to systems change and fidelity?
Process Study: Research Questions

- What are the key characteristics of EBHV grantees?

- How did grantees plan and implement their EBHV projects?

- What is the context in which EBHV grantees planned and implemented their projects?

- What are the facilitating factors or barriers to the overall planning and implementation of the EBHV project?
Process Study: Research Questions (cont.)

- What initial and ongoing training and essential infrastructure support did EBHV grantees receive from their national program models?

- What TA did grantees receive from the Children’s Bureau, its contractors, or other TA providers?

- How did grantees participate in the design and implementation of the cross-site evaluation?
Process Study:
Research Questions (cont.)

- How did grantees identify their intended outcomes? How and why did grantees adjust their perspectives on achieving these outcomes as the initiative matured?
Proposed Measures and Analytic Approach
Background

- Grantees collect the quantitative data for the cross-site evaluation
  - Focus on a parsimonious set of indicators

- Diversity among grantees
  - Mixed methods approach
Systems Domain: Measures

- Actors and their relationships
- Activities by system level
- Expected short- and long-term infrastructure changes
- Successes, challenges, strategies
Systems Domain: Analytic Methods

- Change over time, subgroup analysis
- Network methods
- Qualitative analysis
Fidelity: Measures

- **Structural Indicators**
  - Caseload
  - Supervisory Levels
  - Service Dosage and Duration

- **Dynamic Indicators**
  - Systematic assessment of needs
  - Participant involvement in decision making
  - Cultural relevance
Fidelity: Analytic Methods

- Change over time, subgroup analysis
- Qualitative analysis of provider assessment of achieving and sustaining model fidelity
- Qualitative analysis of participant experiences
Family and Child: Measures

- **Child maltreatment**
  - Abuse reports, system involvement, foster care placements
  - Injuries, ER visits

- **Parent outcomes**
  - Substance use, Parent depression

- **Child Outcomes**
  - Developmental progress, behavior problems, immunizations
Family and Child: Analytic Methods

- Systematic review of evidence
- Qualitative analysis
Cost: Measures

- Total program costs
- Allocation of costs to program components
Cost: Analytic Methods

- Total program costs
- Average cost per family
- Cost per program component
Process Study Approach

- Descriptive analysis of implementation of grant initiative
- Site visits
- Some data collection through progress reports and web-based system
- Qualitative analytic methods
  - Triangulation
  - Theme identification
Challenges and Opportunities
Challenges

- **Grantee Burden**
  - Sites with multiple models and sites

- **Network relationships (Systems)**

- **Participant level experiences (Fidelity)**

- **Aligning measures (Family and Child)**

- **Consistent program components (Cost)**
Opportunities

- Network Survey (Systems)
- Individual Level Data (Fidelity)
- Peer Learning Network
  - Special analytic interests (costs, family and child)
Questions