Collaborative Improvement and Innovation Network on Infant Mortality 2.0 (IM CoIIN 2.0)

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What is a CoIIN?

Collaborative Improvement and Innovation Network

Is a...

*platform* and *methodology*

for participants to engage in *collaborative learning* together

as *virtual* ‘cyberteams’,

around a *common aim*,

applying *quality improvement* methods,

to *spread and scale* policy and program innovation

- which in turn *accelerates improvement* in strategies that contribute to desired *outcomes*. 
CoILN Framework & Core Methods

Collective Impact:
1. Common Agenda
2. Mutually Reinforcing Activities
3. Shared Measurement
4. Continuous Communication
5. Backbone Support
Designed for Action

Define Scope and Nature of the Problem

Aims

• Establish common quality improvement aims

Strategies

• Identify state and/or local level strategies and activities to achieve aims

Measures

• Select shared measures to track progress towards aims over the next 18-24 mos.
History of the CoIIN to Reduce Infant Mortality

• Pilot phase in HRSA Regions IV and VI (2012-2014)
  • 13 southern states – each with their own infant mortality team and state IM action plan
  • 5 Infant Mortality CoIIN Strategy Teams – each focused on a common aim
History of the CoIIN to Reduce Infant Mortality (cont.)

• **National Expansion of IM CoIIN (2013-2017)**
  - Spread to HRSA Region V in 2013, and then remaining 7 HRSA regions in 2014
  - Had 51 participating states/jurisdictions
  - Supported through a cooperative agreement with the National Institute for Children’s Health Quality (NICHQ) from Sept. 30, 2013 to Sept. 29, 2017
  - 6 IM CoIIN Learning Networks with a common aim
History of the CoIIN to Reduce Infant Mortality (cont.)

- **Infant Mortality CoIIN “2.0”**
  - MCHB now supports an enhanced model or approach that retains components of IM CoIIN that were most beneficial to states/jurisdictions and other entities working to reduce infant mortality, and also addresses some of the lessons learned that were gathered during the national expansion of the IM CoIIN.
Overall goal of IM CoIIN is to reduce infant mortality in areas with high annual rates, as well as disparities in infant mortality and related perinatal outcomes, through support of 1) collaborative improvement, 2) collaborative innovation, and 3) the spread and scale of best practices to reduce infant mortality.

Specific aims/objectives of IM CoIIN are to:

1) Achieve measurable improvements in specific aims, as defined by the CoIIN teams during the project period

2) Accelerate the development and/or discovery of innovations and new evidence to reduce infant mortality, as well as disparities in infant mortality and related perinatal outcomes

3) Support dissemination, spread and scale of best practices to reduce infant mortality as well as disparities to stakeholders in all states/jurisdictions
Funding Summary

• **Number of Awards:** Four (4) cooperative agreements

• **Award Amount:** Up to $500,000

• **Project Start date:** September 30, 2017

• **Project Period:** Three (3) years (Sept. 30, 2017 – Sept. 29, 2020)
Award recipient will serve as the backbone organization to a ColIN team (sub-recipients) and ensure the following are provided:

- *Technical support (subject matter expertise)*; and
- *Financial support (subawards)*
Data and Technical Assistance (DATA) Contractor

• Through a separate HRSA/MCHB contract, award recipients are provided technical assistance (TA) and support related to CoIIN core methods (QI and innovation), QI data/measurement, and evaluation to assist them and their CoIIN teams in assessing results and progress towards their aim.

• In addition, the contractor will provide CoIIN teams with a web-based shared workspace/online platform for communication, collaborative learning and to track participant data (e.g., IM CoIIN data dashboard).
Summary of Infant Mortality CoIIN 2.0

Participating State Teams
- MA, RI, FL, KY, NC, SC, IL, OH, WI, NM, TX, NV, OR
- AR, MS, NY, TN
- AZ, CA, NM, TX
- CA, DE, NC, OK

Backbone Organizations (Grantees)
- AMCHP SDOH CoIIN
- NICHQ Safe Sleep CoIIN
- PCI Border States CoIIN
- UNC-Chapel Hill Preconception CoIIN

IM CoIIN 2.0 Coordination & Support
- MCHB DATA Contractor (Abt Associates)

Coordination & Support
- National Institute for Children’s Health Quality (NICHQ)
- Safe Sleep/ Disparities in Sudden Unexpected Infant Death (SUID)
- Project Concern International (PCI)
- Prenatal Care & SDOH among women in border communities
- University of North Carolina (UNC) Chapel Hill
- Preconception Care

Association for Maternal & Child Health Programs (AMCHP)
- Social Determinants of Health (SDOH)
## IM CoIIN SDOH

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<th><strong>Backbone Organization</strong></th>
<th><strong>Association of Maternal &amp; Child Health Programs (AMCHP)</strong></th>
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<tbody>
<tr>
<td><strong>Aim Statement</strong></td>
<td>By Spring 2020, all state teams will develop, adopt, or improve at least two policies and/or practices at the state or local level which will directly impact social determinants of health.</td>
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<td><strong>State Teams</strong></td>
<td>FL, IL, KY, MA, NV, NM, NC, OH, OR, SC, TX, RI, WI</td>
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<tr>
<td><strong>CoIIN Team Measure</strong></td>
<td>TBD – in progress</td>
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### Safe Sleep CoIIN to Reduce Infant Mortality

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| **Aim Statement**     | • By 2020, decrease by >10% SUID across 4 states by increasing adoption of the ABCs of safe sleep.  
                        • States reporting racial disparities among sleep-related deaths at baseline will reduce disparity by > 5%. |
<p>| <strong>State Teams</strong>       | AR, TN, MS, NY                                         |
| <strong>CoIIN Team Measure</strong>| Quarterly (Provisional) SUID Mortality Rate Overall and by Race/Ethnicity |</p>
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### Preconception CoiIN

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| **Aim Statement**     | By 2020, four states, in collaboration with the core CoiIN team and clinic partners, will develop an adaptable model to effectively integrate preconception care into preventive care visits by:  
1) working with clinics, consumers and communities to co-create and implement screening tool(s) and response strategies  
2) enhancing state capacity to support implementation and preconception wellness  
3) disseminating the model(s) statewide and nationally |
| **State Teams**       | CA, DE, OK, NC                                   |
| **CoiIN Team Measure**| Proportion of non-pregnant reproductive age women asked about their pregnancy intentions |
Required Measures for IM CoIN 2.0

- Infant mortality rate (overall and by disparities)
- Neonatal mortality rate (overall and by disparities)
- Post-neonatal mortality rate (overall and by disparities)
- Preterm-Related Mortality Rate (overall and by disparities)
- Sudden Unexpected Infant Death (SUID) mortality rate (overall and by disparities)
- Preterm birth rate (overall and by disparities)
THANK YOU!

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