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

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What is a CoIIN?

Collaborative **I**mprovement and **I**nnovation **N**etwork

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*.

CoIIN 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

Strategies

- Establish common quality improvement aims

Aims

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

- Select shared measures to track progress towards aims over the next 18-24 mos.

Measures

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.

IM CoIIN 2.0 Purpose: *Aims/Objectives*

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

HRSA
Maternal & Child Health

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)

IM CoIIN 2.0: *Award Recipients – Backbone Organization to CoIIN Team*

Award recipient will serve as the backbone organization to a CoIIN team (sub-recipients) and ensure the following are provided:

- *Technical support (subject matter expertise); and*
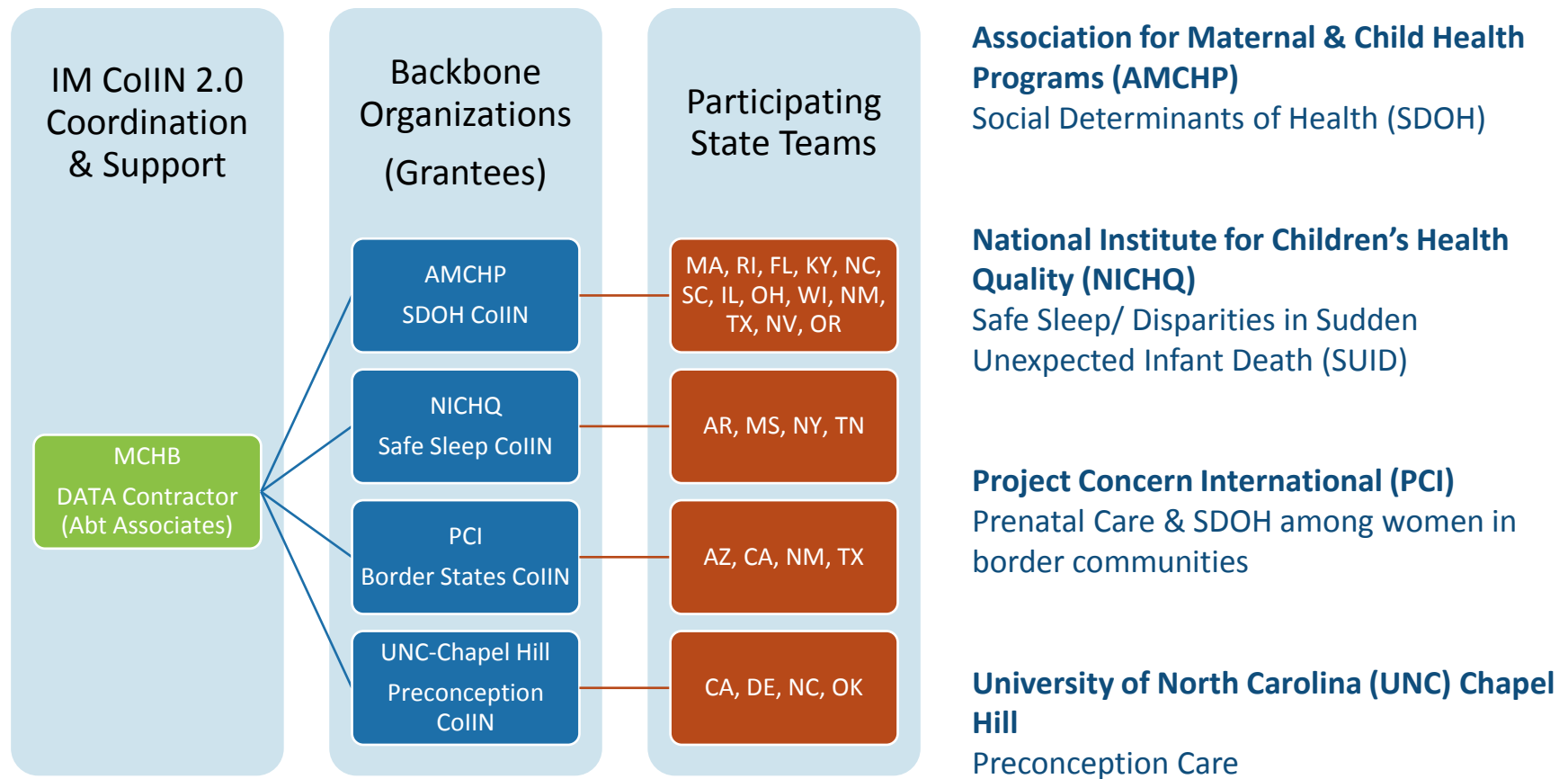
- *Financial support (subawards)*

Data and Technical Assistance (DATA) Contractor

- Through a separate HRSA/MCHB <u>contract,</u> 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

IM CoIIN 2.0 Coordination & Support	Backbone Organizations (Grantees)	Participating State Teams
MCHB DATA Contractor (Abt Associates)	AMCHP SDOH CoIIN	MA, RI, FL, KY, NC, SC, IL, OH, WI, NM, TX, NV, OR
	NICHQ Safe Sleep CoIIN	AR, MS, NY, TN
	PCI Border States CoIIN	AZ, CA, NM, TX
	UNC-Chapel Hill Preconception CoIIN	CA, DE, NC, OK

Association for Maternal & Child Health Programs (AMCHP)
Social Determinants of Health (SDOH)

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

IM CoIIN Grantees:

IM CoIIN SDOH

Backbone Organization	Association of Maternal & Child Health Programs (AMCHP)
Aim Statement	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.
State Teams	FL, IL, KY, MA, NV, NM, NC, OH, OR, SC, TX, RI, WI
CoIIN Team Measure	TBD – in progress

IM CoIIN Grantees:

NICHQ

Safe Sleep CoIIN to Reduce Infant Mortality	
Backbone Organization	National Institute for Children's Health Quality (NICHQ)
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%.
State Teams	AR, TN, MS, NY
CoIIN Team Measure	Quarterly (Provisional) SUID Mortality Rate Overall and by Race/Ethnicity

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IM CoIIN Grantees:

PCI
UNITED STATES

Border States CoIIN	
Backbone Organization	PCI United States
Aim Statement	By 2020, increase early prenatal care utilization by 10% among women in targeted impact areas with poor social determinants of health measures through the development of place-based improvement strategies.
State Teams	AZ, CA, NM, TX
CoIIN Team Measure	First trimester prenatal care Adequate prenatal care (optional)

HRSA
Maternal & Child Health

IM CoIIN Grantees:

Preconception
Health+Health Care Initiative
A National Public-Private Partnership

Preconception CoIIN	
Backbone Organization	University of North Carolina at Chapel Hill (UNC)
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 CoIIN 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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