



Advancing Maternal Health

National Advisory Council on the National Health Service Corps

November 9, 2021

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Maternal & Women's Health Branch
Maternal and Child Health Bureau (MCHB)

Vision: Healthy Communities, Healthy People



Briefing Overview

Purpose: To provide an overview of HRSA/MCHB's maternal health portfolio, and opportunities to improve maternal health outcomes.

- HRSA & MCHB Overview
- Focus on Maternal Health Outcomes
- MCHB's Maternal Health Programming



HRSA & MCHB Overview



Health Resources and Services Administration's Strategic Goals

➤ Mission

To improve health outcomes and achieve health equity through access to quality services, a skilled health workforce, and innovative, high-value programs

➤ Vision

Healthy Communities, Healthy People

➤ Goals

- Goal 1: Improve access to quality health services
- Goal 2: Foster a health care workforce able to address current and emerging needs
- Goal 3: Achieve health equity and enhance population health
- Goal 4: Optimize HRSA operations and strengthen program management



Maternal and Child Health Bureau

➤ Mission

To improve the health and well-being of America's mothers, children, and families

➤ Vision

An America where all mothers, children, and families are thriving and reach their full potential

➤ Goals

- Assure access to high-quality and equitable health services to optimize health and well-being for all Maternal and Child Health (MCH) populations
- Achieve health equity for MCH populations
- Strengthen public health capacity and workforce for MCH
- Maximize impact through leadership, partnership, and stewardship

<https://mchb.hrsa.gov/sites/default/files/mchb/AboutMCHB/mchb-strategic-plan.pdf>



MCHB MISSION

To improve the health and well-being of America's mothers, children, and families.

MCHB VISION

An America where all mothers, children, and families are thriving and reach their full potential.

GOAL 1

Assure **access** to high-quality and equitable health services to optimize health and well-being for all MCH populations.

GOAL 2

Achieve **health equity** for MCH populations.

GOAL 3

Strengthen **public health capacity and workforce** for MCH.

GOAL 4

Maximize **impact** through leadership, partnership, and stewardship.

MCHB's Strategic Plan Goals

Launched Spring 2021



MCHB Strategic Plan

MCHB MISSION

To improve the health and well-being of America's mothers, children, and families.

MCHB VISION

An America where all mothers, children, and families are thriving and reach their full potential.

GOAL 1

Assure **access** to high-quality and equitable health services to optimize health and well-being for all MCH populations.

GOAL 2

Achieve **health equity** for MCH populations.

GOAL 3

Strengthen **public health capacity and workforce** for MCH.

GOAL 4

Maximize **impact** through leadership, partnership, and stewardship.

- **Objective 2.1. Advance health equity** across all MCHB programs and investments.
- **Objective 2.2.** Strengthen MCHB's effectiveness by increasing organizational **diversity, equity and inclusion.**
- **Objective 2.3. Invest MCHB resources** to improve the health of all populations and communities that are marginalized, including those affected by racism and ableism.
- **Objective 2.4. Collect and use data** on race, ethnicity, culture, language, income, ability, health status, gender, sexual orientation, geographic location, or other factors to measure and address disparities and advance equity in access and outcomes.



Title V MCH Services Block Grant to States



Reach & Impact

56 million people in
FY2017

- 86% of all pregnant women
- 99% of infants
- 55% of children

Maternal, Infant, Early Childhood Home Visiting Program



Program Features

- Voluntary
- Evidence-based
- Support at-risk pregnant women and parents of young children



Aims

- Prevent child abuse & neglect
- Support parenting
- Improve development & school readiness
- Promote family economic self-sufficiency

Healthy Start Initiative

Focus on communities with highest infant mortality rates
Support community-driven efforts to decrease infant mortality

In FY2019, the program's 100 grantees will serve women, children, and families in 34 states, D.C., and Puerto Rico.



Focus on Maternal Health Outcomes



A Present and Growing Problem: Maternal Mortality



700

Around 700 women die each year from pregnancy-related causes

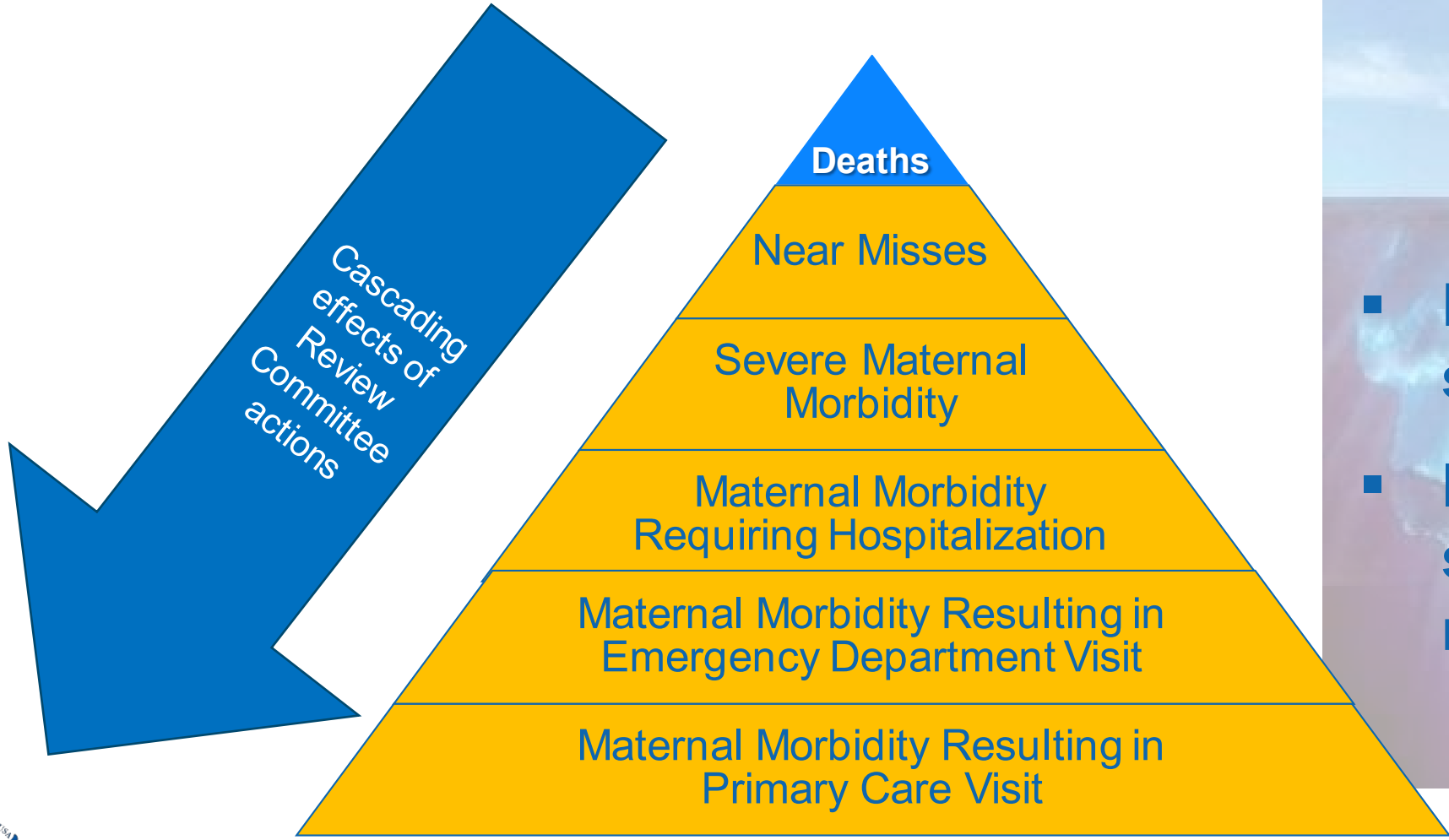
4X

Black women are 3-4 times more likely to die from pregnancy-related complications than white women

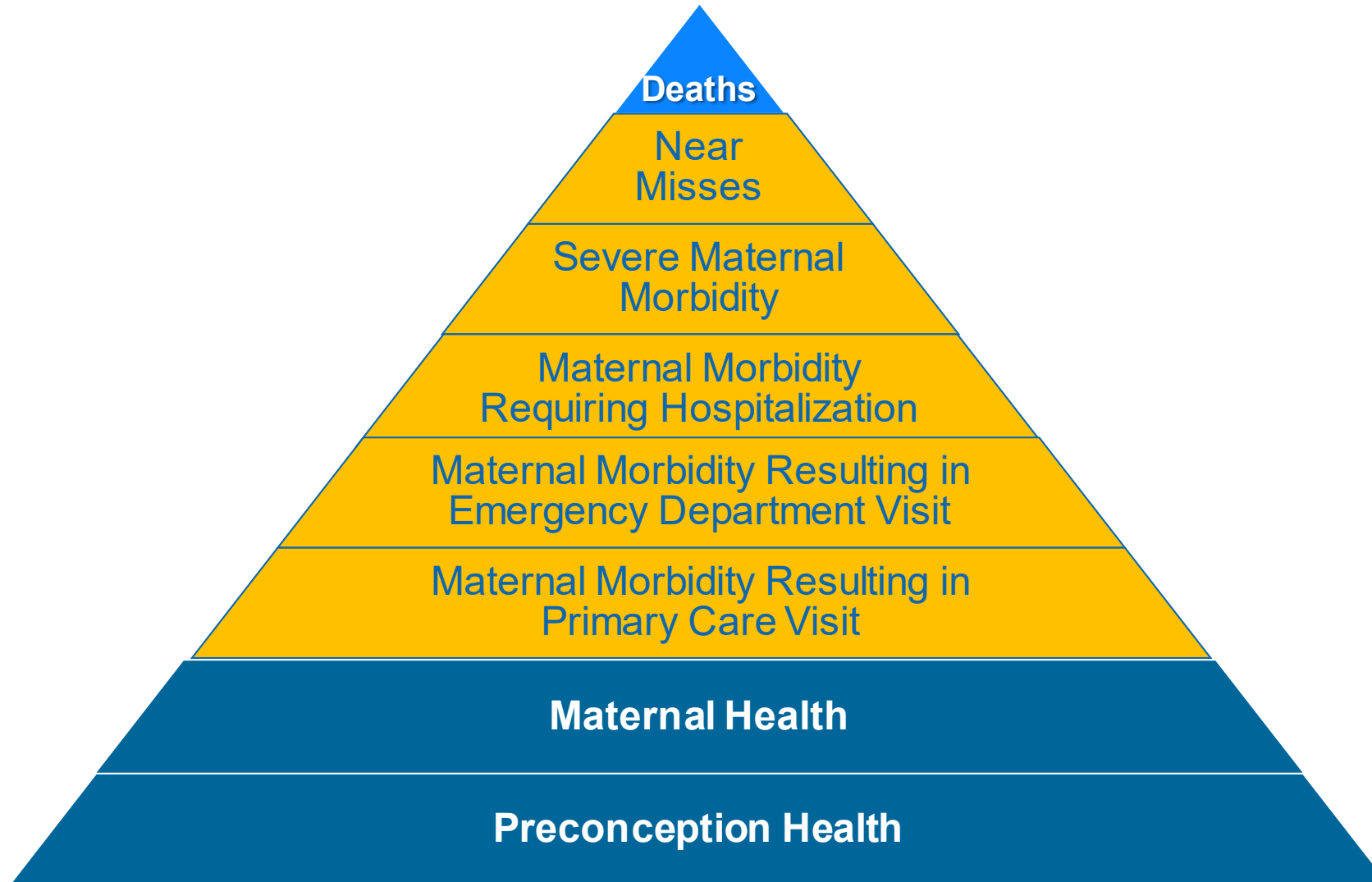
60%

About 60% of these deaths may be preventable

Maternal Mortality is the Tip of the Iceberg



Beyond the Tip of the Iceberg

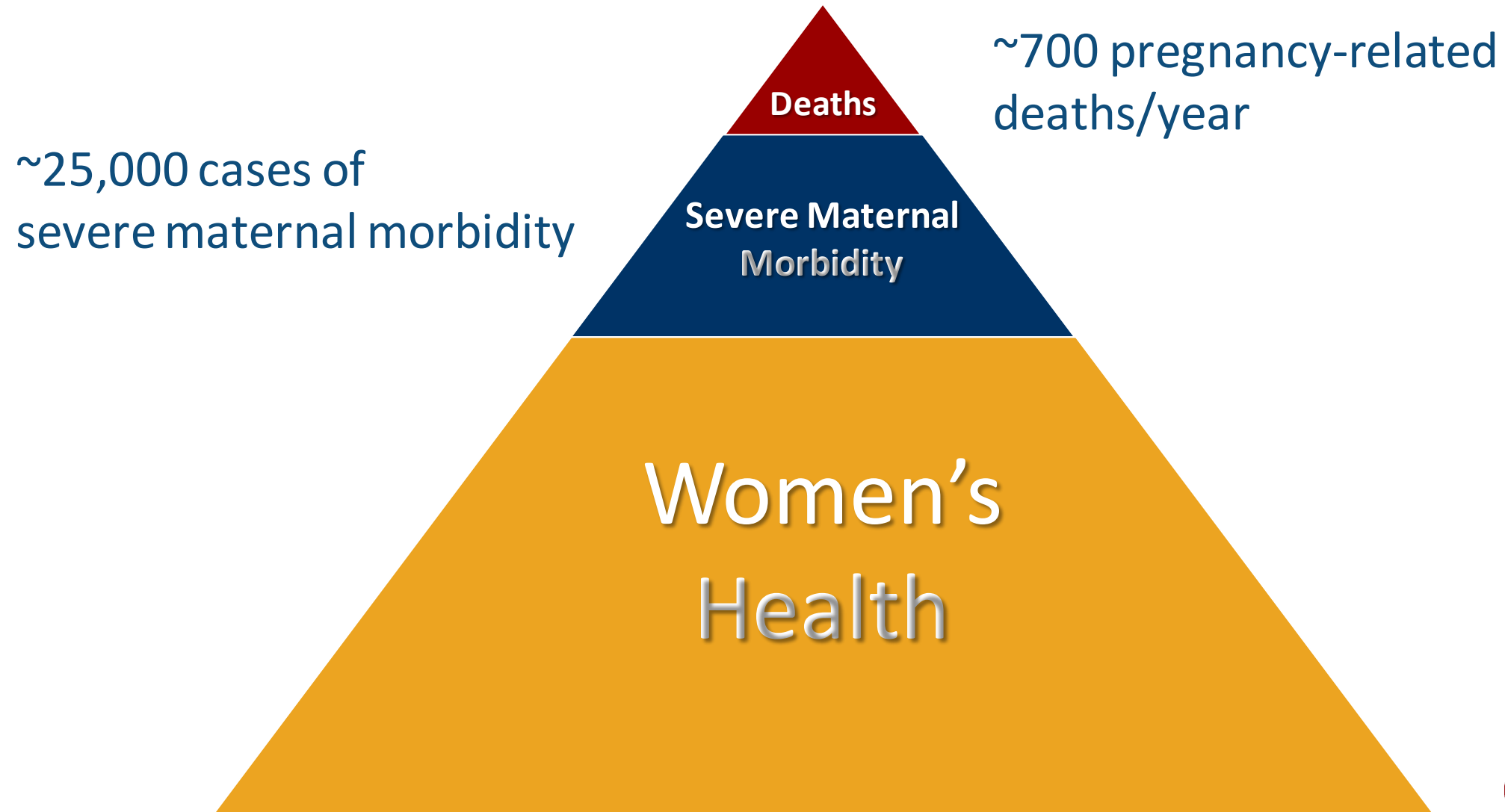


Coordination Across the Federal Government

- Federal Partners Workgroup on Improving Maternal Health
 - **Led by HRSA**
 - Includes participating agencies across **HHS** and the **U.S. Agency for International Development** and **U.S. Department of Veterans Affairs**
 - ✓ HHS Office on Women's Health
 - ✓ HHS Office of Population Affairs
 - ✓ HHS Office of Minority Health
 - ✓ Agency for Healthcare Research and Quality
 - ✓ Substance Abuse and Mental Health Services Administration
 - ✓ National Institutes of Health
 - ✓ Indian Health Service
 - ✓ Centers for Medicare & Medicaid Services
 - ✓ Centers for Disease Control and Prevention
- Coordination with CDC to monitor maternal mortality and severe maternal morbidity and collaboration with AHRQ on communication tools related to AIM



Maternal Morbidity & Mortality in Context



HRSA Maternal Mortality Summit: Key Themes



Access

Safety

Workforce

Life Course Model

Data

Review Committees

Partnerships

MCHB's Efforts to Advance Maternal Health

Direct Care

- Healthy Start
- Healthy Start Clinical Care
- State Title V MCH Block Grant
- Maternal, Infant & Early Childhood Home Visiting
- Women's Preventive Services Initiative

Workforce Tools & Resources

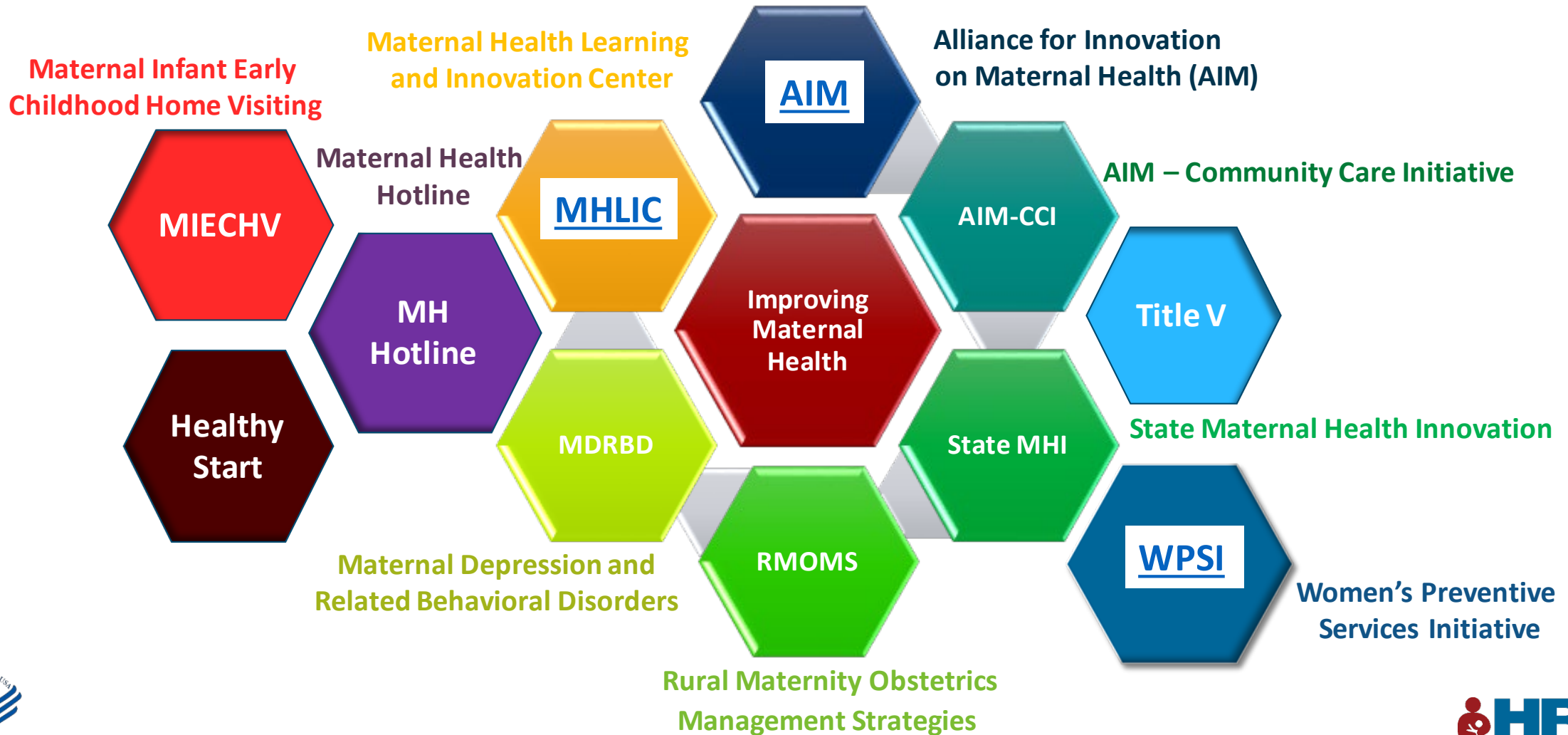
- Alliance for Innovation on Maternal Health (AIM)
- AIM-Community Care Initiative
- Maternal Depression & Related Behavioral Disorders
- Fetal Alcohol Spectrum Disorders

New

- State Maternal Health Innovation Program
- Maternal Health Learning & Innovation Center
- National Maternal Mental Health Hotline



MCHB's Maternal Health Portfolio



MCHB's Maternal Health Programming



Coverage of Preventive Services Under the ACA

- Evidence-based items/services with an “A” or “B” rating in current **USPSTF** recommendations
- Immunizations recommended by CDC’s **ACIP**
- **Bright Futures** – HRSA-supported, evidence-informed preventive care and screening guidelines for infants, children, and adolescents
- **WPSI** – HRSA-supported, evidence-informed preventive care and screening guidelines for *women*

“SEC. 2713. COVERAGE OF PREVENTIVE HEALTH SERVICES.

“(a) IN GENERAL.—A group health plan and a health insurance issuer offering group or individual health insurance coverage shall, at a minimum provide coverage for and shall not impose any cost sharing requirements for—

“(1) evidence-based items or services that have in effect a rating of ‘A’ or ‘B’ in the current recommendations of the United States Preventive Services Task Force;

“(2) immunizations that have in effect a recommendation from the Advisory Committee on Immunization Practices of the Centers for Disease Control and Prevention with respect to the individual involved; and

“(3) with respect to infants, children, and adolescents, evidence-informed preventive care and screenings provided for in the comprehensive guidelines supported by the Health Resources and Services Administration.

“(4) with respect to women, such additional preventive care and screenings not described in paragraph (1) as provided for in comprehensive guidelines supported by the Health Resources and Services Administration for purposes of this paragraph.



WPSI Specific Considerations

- Increase access to preventive services
- Provide clinical recommendations for preventive services for asymptomatic women that address health needs specific to women and fill gaps in existing guidelines.
- Provide guidance to the insurance industry on preventive services for women

Authority: Title V, § 501(a)(2) of Social Security Act (42 U.S.C. 701(a)(2)), as amended.



Women's Preventive Services Initiative

When women are healthy, communities thrive.

WPSI
Women's Preventive Services Initiative
Recommendations for Well-Woman Care - A Well-Woman Chart

RECOMMENDATIONS FOR WELL-WOMAN CARE						
HEALTH CARE SERVICES	AGE (Years)					
	13-17*	18-21*	22-29	30-39	40-49	50-64
GENERAL HEALTH						
Annual screening & counseling	•	•	•	•	•	•
Aspirin to prevent CVD & CAC					•	•
Depression screening	•	•	•	•	•	•
Contraceptive counseling & methods	•	•	•	•	•	•
STI screening	•	•	•	•	•	•
Folic acid supplementation	•	•	•	•	•	•
Iron & vitamin counseling	•	•	•	•	•	•
Intimate partner violence screening	•	•	•	•	•	•
Alcohol screening & counseling	•	•	•	•	•	•
Tobacco screening & counseling	•	•	•	•	•	•
Cardiovascular (CVD) screening & counseling	•	•	•	•	•	•
Weight screening & counseling	•	•	•	•	•	•
Uterine fibroids screening	•	•	•	•	•	•
Sexual health (STI, HIV, etc.)	•	•	•	•	•	•
Menopausal hormone therapy	•	•	•	•	•	•
Preventive services for pregnant and postpartum women	•	•	•	•	•	•

WPSI
Women's Preventive Services Initiative
Recommendations for Well-Woman Care - A Well-Woman Chart

MEMBERS OF THE ADVISORY PANEL SUPPORT THE WPSI

AMERICAN ACADEMY OF FAMILY PHYSICIANS
The American College of Obstetricians and Gynecologists
ACPP
NPWH

Program Purpose

To improve adult women's health across the lifespan by engaging a coalition of health professional organizations to recommend updates to the HRSA-supported Women's Preventive Services Guidelines.

Authority: Title V, § 501(a)(2) of Social Security Act (42 U.S.C. 701(a)(2)), as amended.

<https://www.womenspreventivehealth.org/>



WPSI Overview

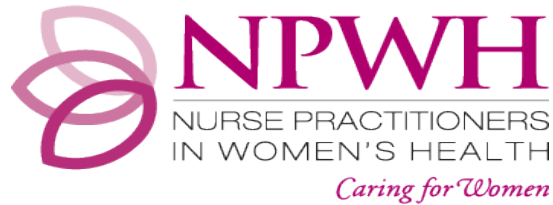
Award Recipient	American College of Obstetricians & Gynecologists (ACOG)
Project Period	March 2021 – February 2026
Funding	\$1 Million Per Year
Deliverables	Updated Recommendations Due December 1 st Annually



WPSI Advisory Panel Composition



The American College of
Obstetricians and Gynecologists
WOMEN'S HEALTH CARE PHYSICIANS



WPSI Member Organizations

- Advisory Panel: ACOG, ACP, AAFP, NPWH
- Academy of Women's Health
- American Academy of Pediatrics
- American Academy of Physician Assistants
- American Cancer Society
- American College of Nurse-Midwives
- American College of Preventive Medicine
- American College of Radiology
- American Geriatric Society
- American Osteopathic Association
- American Psychiatric Association
- Association of Maternal & Child Health Programs
- Association of Reproductive Health Professionals
- Association of Women's Health, Obstetric and Neonatal Nurses
- National Comprehensive Cancer Network
- National Medical Association
- National Partnership for Women & Families
- National Women's Law Center
- Patient Representatives



State Maternal Health Innovation Program

Purpose: To assist states in improving maternal health outcomes, specifically maternal mortality and severe maternal morbidity.

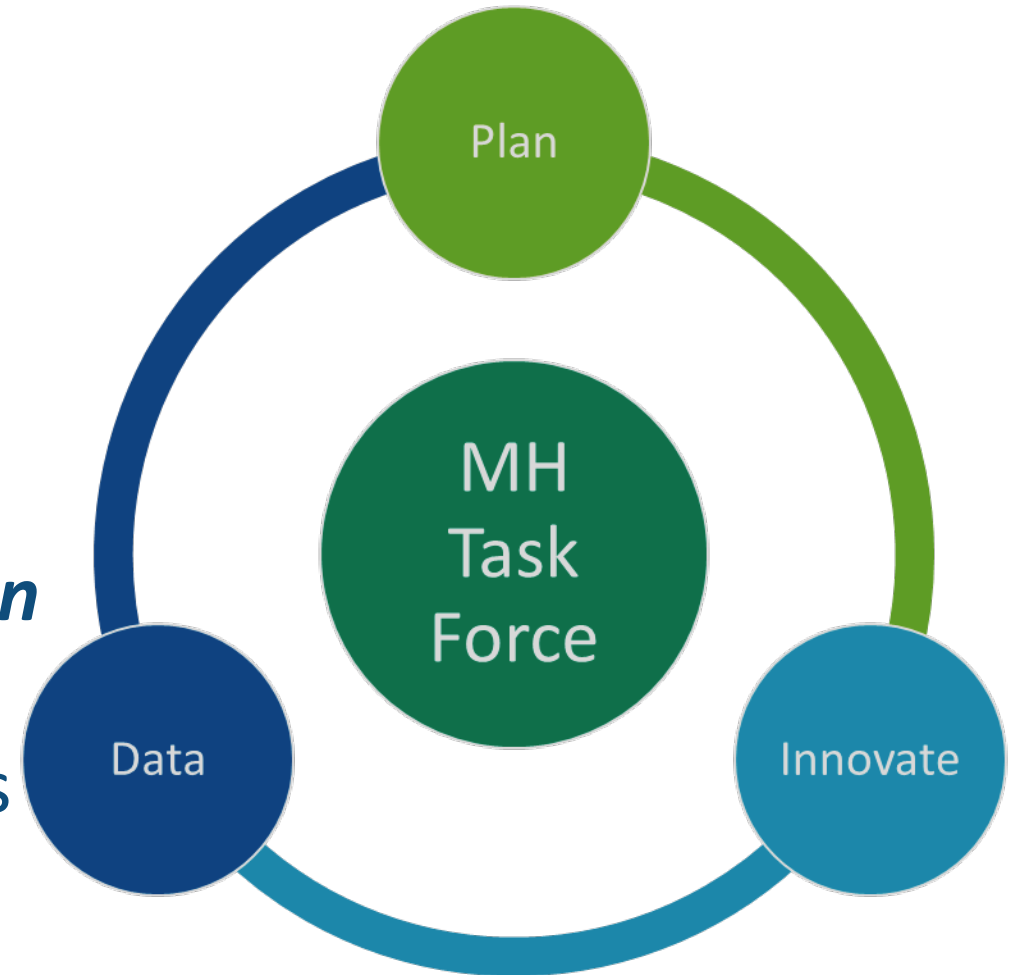
- Providing state teams *flexibility* in addressing leading causes of maternal death.

Program Requirements:

- Creation & Implementation of State-focused Maternal Health Strategic Plan
- Submission of Maternal Health Annual Report

Program Components

- Catalyzing multidisciplinary collaboration through state-focused ***Maternal Health Task Force***;
- Collecting and analyzing ***maternal health data***; and,
- Promoting and executing ***innovation in maternal health service delivery*** to advance evidence-informed strategies that achieve a measureable impact



State MHI Award Information

- Number of Awards: 9 Cooperative Agreements
- Award Amount: Up to \$2,072,222 per year
- Project Start Date: September 30, 2019
- Project Period: 5 Years (2019-2024)
- Total FY19 Program Investment: \$18.5M



State MHI Award Recipients

State	Award Recipient
Arizona	Arizona Department of Health Services
Iowa	Iowa Department of Public Health
Illinois	University of Illinois
Maryland	The Johns Hopkins University
Montana	Montana Department of Public Health and Human Services
North Carolina	North Carolina Department of Health & Human Services
New Jersey	New Jersey Department of Health
Ohio	Ohio Department of Health
Oklahoma	Oklahoma State Health Department



Maternal Health Learning & Innovation Center

- Award Amount: \$2.6M Annually
- Award Recipient: University of North Carolina at Chapel Hill
- Project Period: 9/30/2019- 9/29/2024



www.maternalhealthlearning.org




Maternal Health Learning and Innovation Center




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<https://maternalhealthlearning.org/resources>

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MHLIC Partners



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

The MHLIC team includes 30+ individuals with diverse expertise – available to support HRSA-funded maternal health grantees.



MHLIC Annual Symposium

2021 National Maternal Health Innovation Symposium

Symposium content can be found on [the MHLIC website](#) and [YouTube Channel](#). Be sure to subscribe and click the notification bell to be notified of new content.



Maternal Health
Learning & Innovation Center™

<https://maternalhealthlearning.org/>



Alliance for Innovation on Maternal Health (AIM)



ALLIANCE FOR INNOVATION
ON MATERNAL HEALTH



AIM's Primary Objective

Reduce preventable maternal deaths and severe maternal morbidity (SMM) in the United States.

By:

- Promoting safe care for every U.S. birth.
- Engaging multidisciplinary partners at the national, state and hospital levels.
- Developing and providing tools for implementation of evidence-based patient safety bundles.
- Utilizing data-driven quality improvement strategies.
- Aligning existing efforts and disseminating evidence-based resources.



AIM Patient Safety Bundles

Core Bundles

- Obstetric Hemorrhage
- Severe Hypertension in Pregnancy
- Safe Reduction of Primary Cesarean Birth
- Obstetric Care for Women with Opioid Use Disorder
- Cardiac Conditions in Obstetrical Care
- Postpartum Discharge Transition
- Care for Pregnant and Postpartum People with Substance Use Disorder

Supporting Bundles

- Reduction of Peripartum Racial/Ethnic Disparities
- Maternal Venous Thromboembolism
- Postpartum Basics: From Birth to Postpartum Visit
- Postpartum Basics: Maternity to Well-Woman Care
- Support After a Severe Maternal Event

aimformaternalsafety.org



Bundle Structure



Readiness — Every Unit

Recognition & Prevention — Every Patient

Response — Every Event

Reporting and Systems Learning — Every Unit

Respectful, Equitable, and Supportive Care — Every Unit/Provider/Team Member

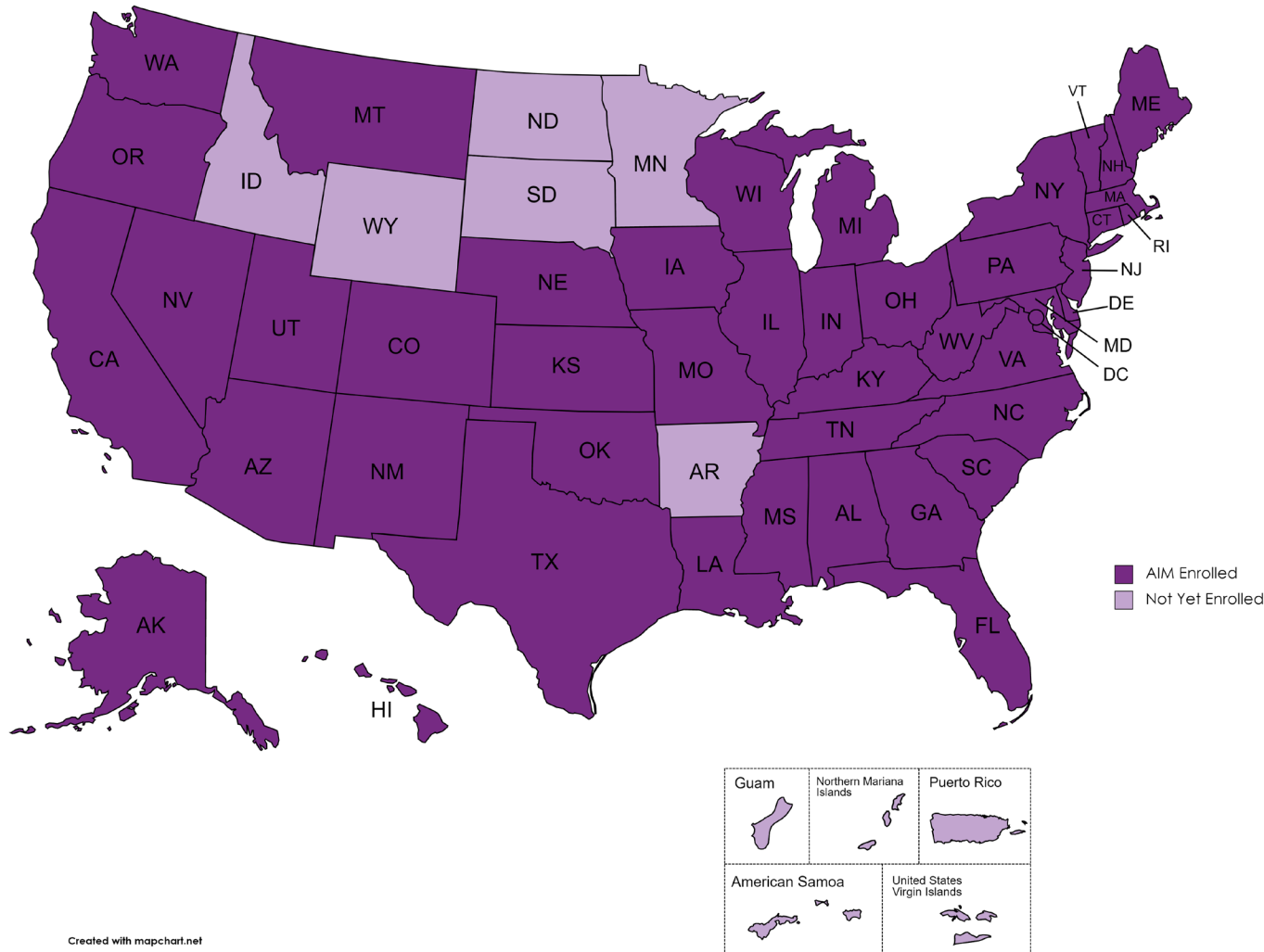
AIM Partners



A personal membership group of the American Hospital Association



AIM Program Enrollment



As of October 2021:

- **44 states plus DC** have enrolled in AIM
- **1,926 birthing facilities** are participating in bundle implementation

AIM Community Care Initiative



ALLIANCE FOR INNOVATION ON MATERNAL HEALTH
Community Care Initiative (AIM CCI)



AIM CCI Overarching Goal and Purpose

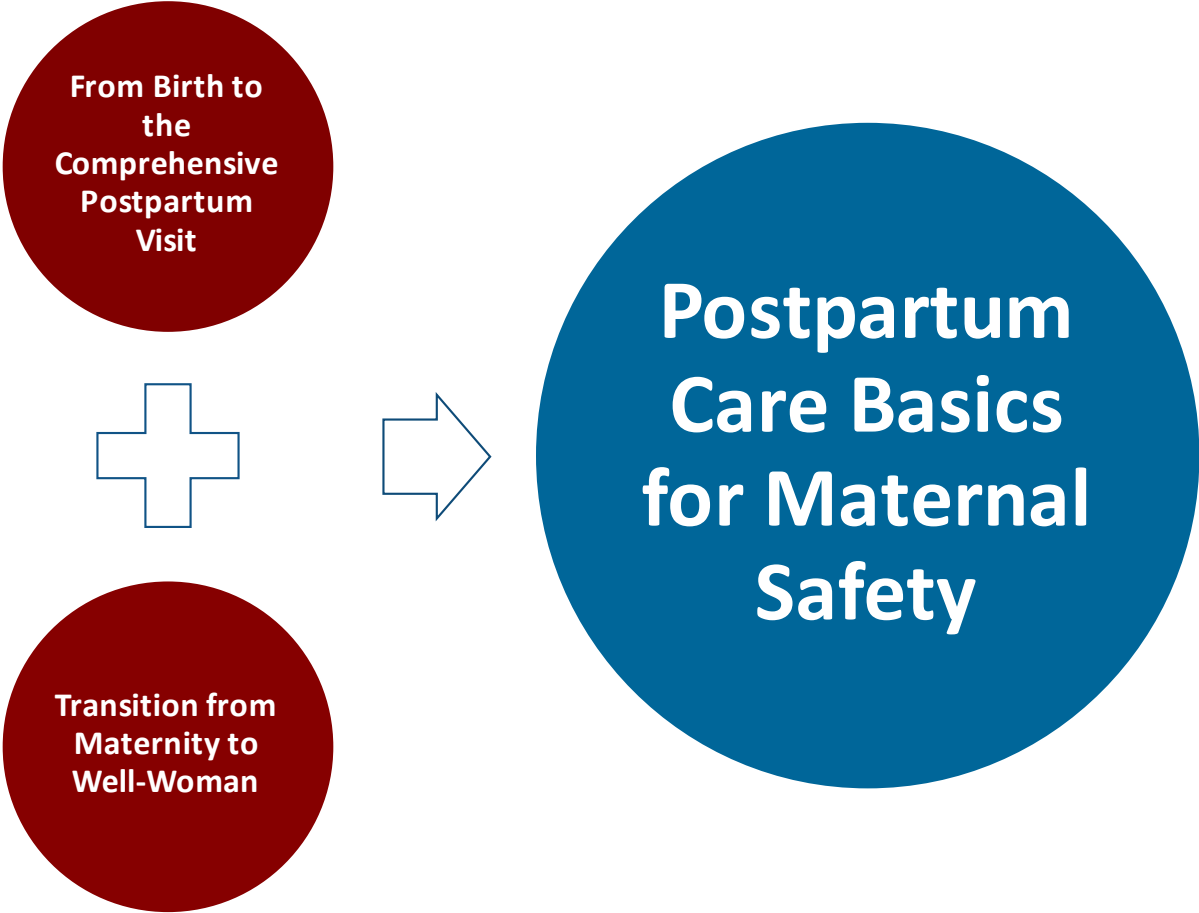
Goal: To improve maternal health and safety in the United States

Purpose:

- Support the development and implementation of non-hospital focused maternal safety bundles within community-based organizations and outpatient clinical settings across the United States
- Build upon the foundational work of AIM by addressing preventable maternal mortality and severe maternal morbidity among pregnant and postpartum women outside of hospital and birthing facility settings



Postpartum Care Basics for Maternal Safety

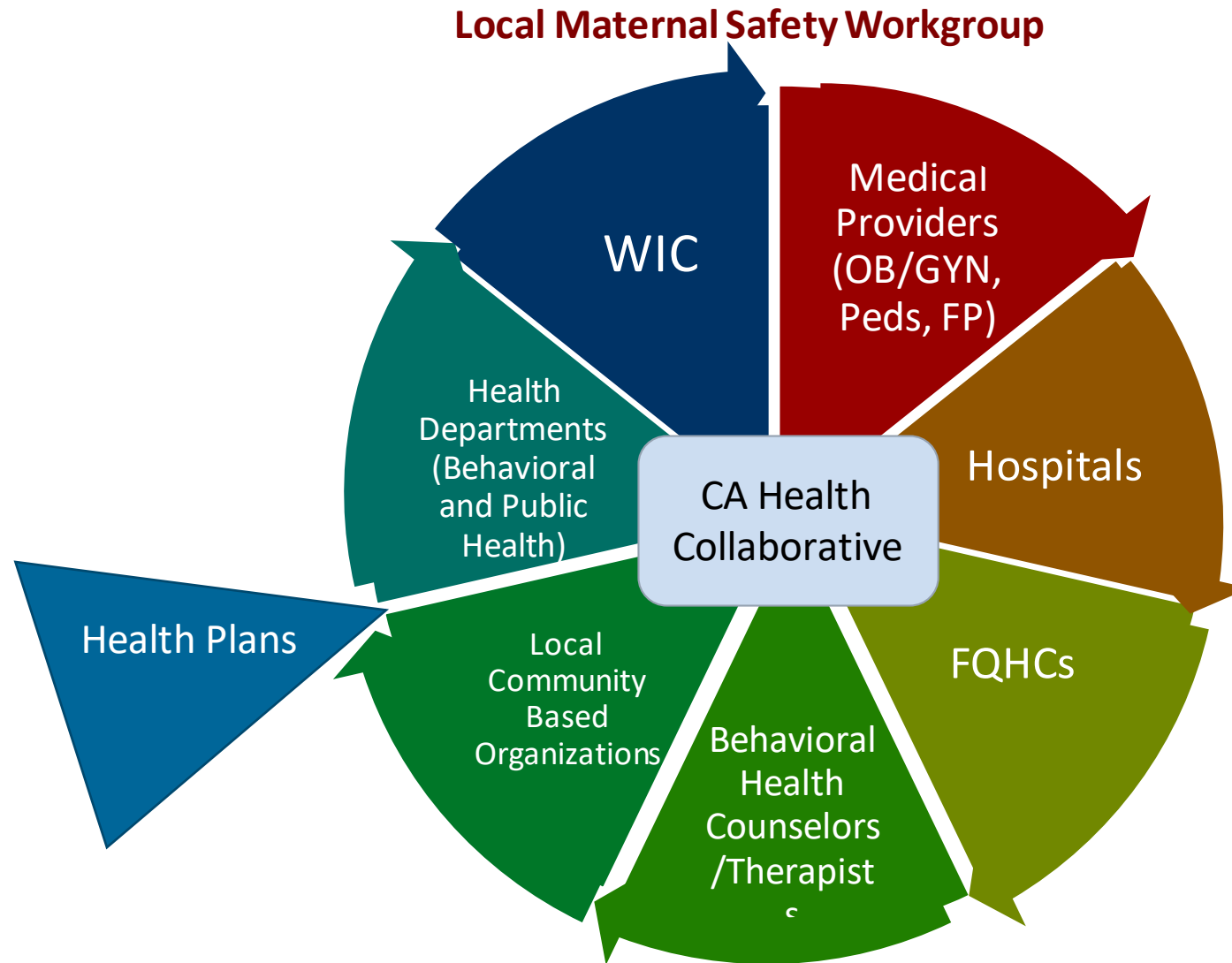


AIM Community Care Initiative: Current Pilot Sites

- Fresno, California
- Atlanta, Georgia
- New Orleans, Louisiana
- Grand Rapids, Michigan
- Jackson, Mississippi
- Newark, New Jersey
- Tulsa, Oklahoma



Example of Pilot Site Structure



Fresno, California

AIM Community Care Initiative: Looking Ahead

New Bundle Development

- Clinical Community Integration
- Mental Health
- Two additional topics

National Rollout

- Finalized bundle(s) and accompanying resources will be posted on aimcci.org for public access – 2022 and ->
- NHSA will provide technical assistance upon request – 2022 and ->
- Addition of 18 implementation sites and 7 “sister cities” by 2023 (representing ~ 25 states)



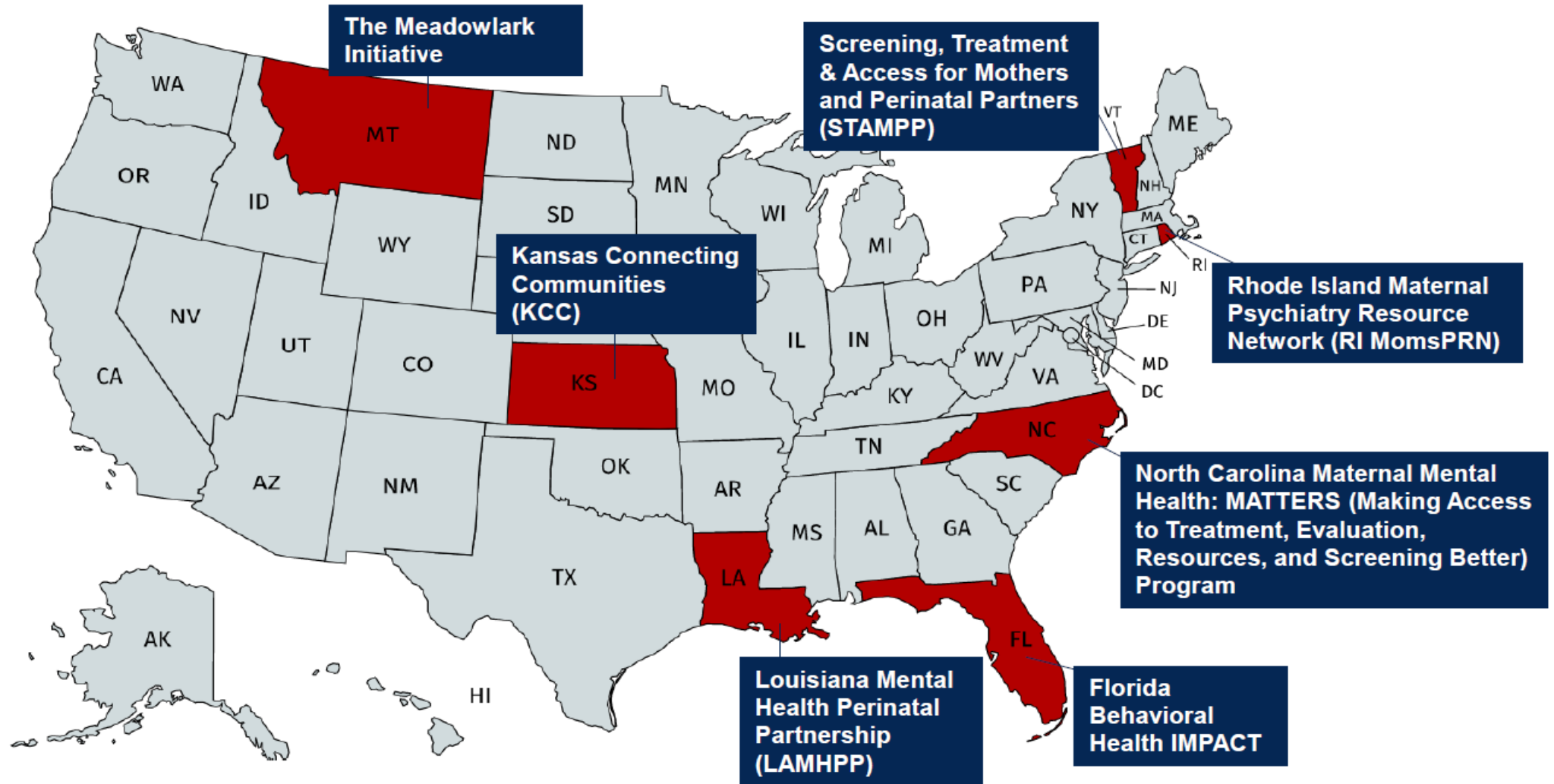
Maternal Depression & Related Behavioral Disorders

Program Purpose:

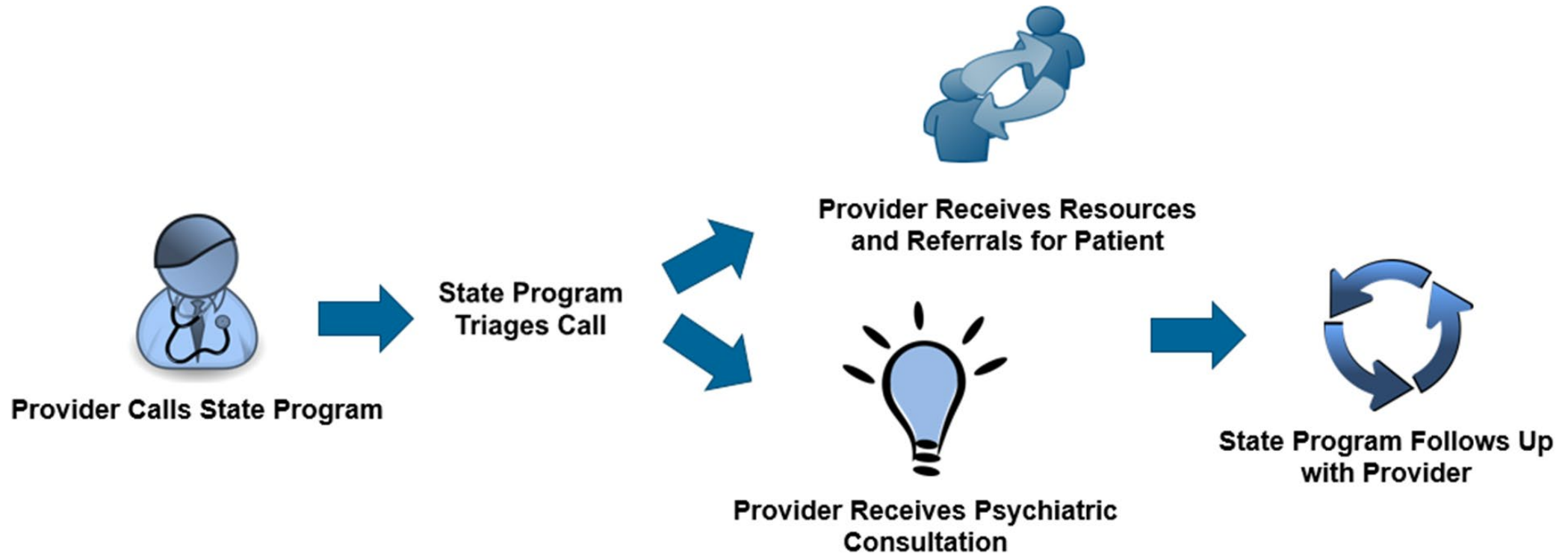
- Expand health care providers' capacity to screen, assess, treat, and refer pregnant and postpartum women for maternal depression and related behavioral disorders, such as anxiety and substance misuse, including in rural and medically underserved areas.
- Increase access to affordable, culturally and linguistically appropriate treatment and recovery support services.



Figure 1: The Current MDRBD Awardees



Example of a Teleconsultation Line



Through new or expanded telehealth access programs, state awardees offer real-time psychiatric consultation, care coordination support, and training to front-line health care providers in a state's specified regions, including in rural and underserved areas.

Maternal Mental Health Hotline



- Contract awarded to **Postpartum Support International**
- Launch expected in early 2022
- Hotline will:
 - Be available 24/7, 365 days a year
 - Provide services in English and Spanish via voice, text, and web chat

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www.HRSA.gov



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