

**ALIGNED
RECOMMENDATIONS:
MATERNAL MORTALITY
REVIEW COMMITTEE
(MMRC) AND FETAL
INFANT MORTALITY
REVIEW (FIMR) TEAMS**

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OBJECTIVES

1

Describe qualitative analysis techniques for aligning recommendations

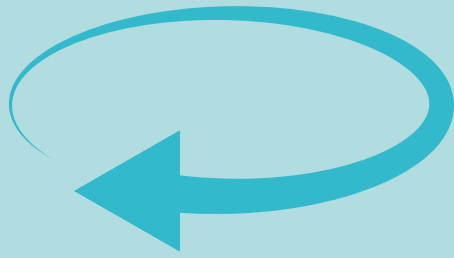
2

Increase awareness of aligned themes and recommendations

3

Explore methods used for elevating prevention and intervention strategies at a state, family/community, and policy level, which aim to enhance outcomes for women, children, and families.

Overview of Michigan Fetal Infant Mortality Review (FIMR) & Michigan Maternal Mortality Surveillance (MMMS) Program



FIMR

- Scope: Fetal and Infant Deaths
- FIMR process follows a continuous quality improvement cycle that tells us how and why babies die in a community.

Deaths Identified

Cases Reviewed

**Recommendations
Developed**



MMMS

- Scope: Maternal deaths that occur within one year of the end of pregnancy
- MMMS is a continuous quality improvement process that tells us how and why mothers die in Michigan.

Describe significant social, economic, safety, health, and systems factors that contribute to mortality; and

Design and implement community-based action plans founded on the information obtained from the reviews.

FIMR Purpose

Two-Tiered Process

CASE REVIEW TEAM (CRT)

- Review case summary and maternal/family story
- Identify strength and gaps
- Develop recommendations for system and resource improvements

COMMUNITY ACTION TEAM (CAT)

- Implement recommendations for changes/process improvements



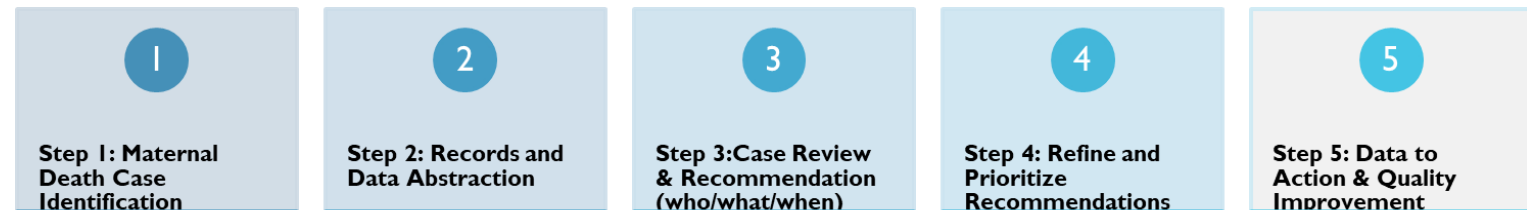
MMMS & MMRC Process

Maternal Mortality Review Committee Process

- State-level, multidisciplinary MMRC
- Maternal deaths that occurring within 1 year of the end of pregnancy
- Develop recommendations aimed at improving systems of care, social services, & community support

Guiding Questions for Review Committees

- Was the death pregnancy-related?
- What was the underlying cause of death?
- Was the death preventable?
- What are the contributing factors to the death?
- What specific and feasible actions might have changed the course of events?



**DATA TO ACTION:
MMMS
RECOMMENDATIONS
WORKGROUP**



Promote the translation of findings into action



Work with communities to implement interventions aimed at improving systems and resources



Determine if MMRC recommendations need modified



Collaborate in disseminating findings & related action

ALIGNING FIMR & MMMS

ALIGNMENT BACKGROUND

The Mother Infant Health & Equity Improvement Plan (MIHEIP)

- Improve and align Fetal Infant Mortality Review (FIMR), Child Death Review (CDR) and Michigan Maternal Mortality Surveillance (MMMS) to provide actionable and locally relevant recommendations

“Lean” Process Improvement

- Purpose: To align MMMS & FIMR recommendations into a collaborative format for communicating, disseminating, evaluating, and acting on joint findings and collected data.
- Expected Outcome: Develop a communication plan that assures that recommendations are shared widely amongst the general public, healthcare professionals, community health partners, state partners, and policy makers; provide an evaluation process, and provide transparency and accountability to all stakeholders involved.

FIMR METHODOLOGY



Michigan FIMR Case Review
Team Recommendation Form



Michigan Log of Local
Recommendations



Local FIMR Recommendations
Collected Quarterly

COLLECTION OF LOCAL FIMR RECOMMENDATIONS

NEXT STEPS AFTER LOCAL RECOMMENDATIONS ARE RECEIVED

-
1. Local FIMR Recommendations are Input into the MMMS/FIMR Joint Recommendation Tool
 - a) Recommendation
 - b) FIMR Site & Prosperity Region
 - c) Theme for Action
 2. Recommendations are sent to Preventable Mortality Epidemiologist

MMMS METHODOLOGY



Developed by Michigan's MMRC
during case review



Documented within the MMRIA
Committee Decisions Form &
Recommendations Creation Guide



Recommendations Analyzed &
Approved Quarterly

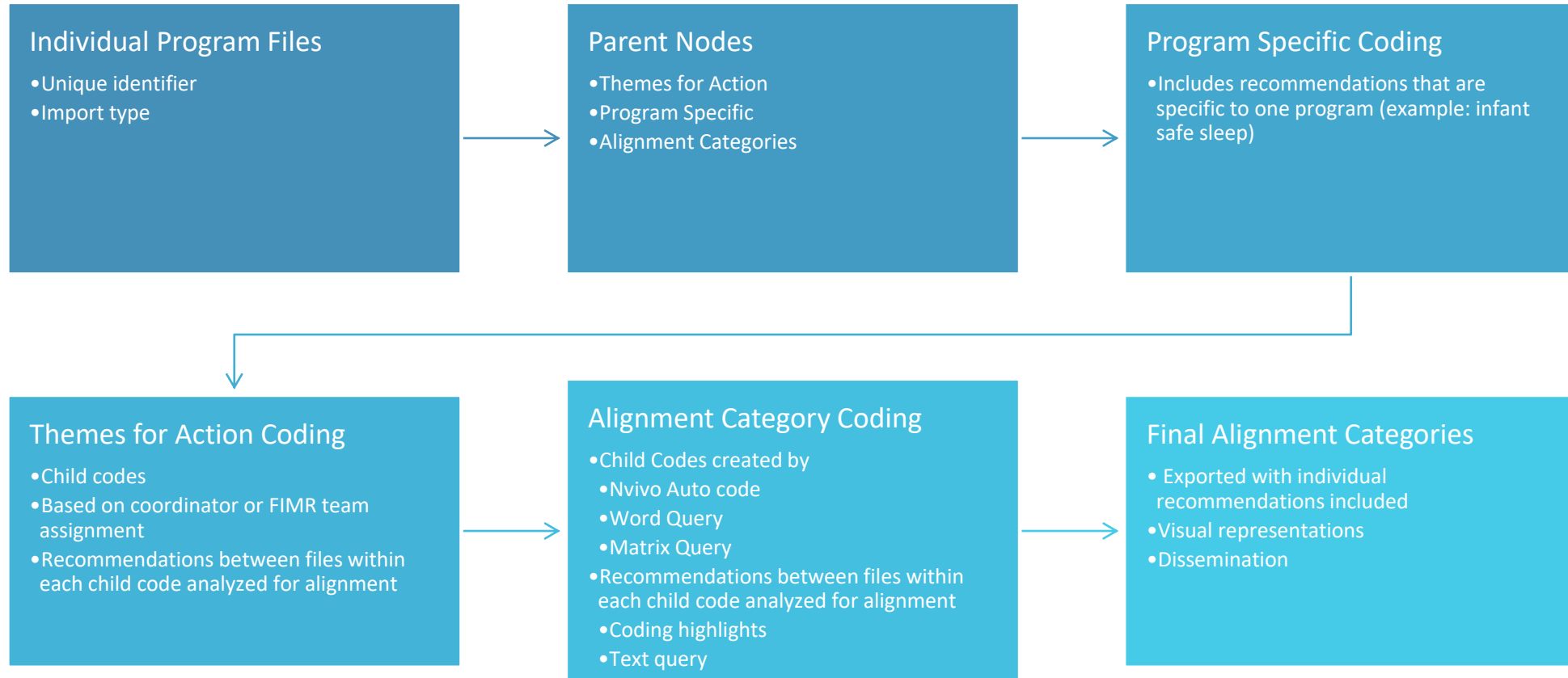
COLLECTION OF MMRC RECOMMENDATIONS

NEXT STEPS AFTER MMRC RECOMMENDATIONS ARE APPROVED

-
1. MMRC Recommendations entered into the MMMS/FIMR Joint Recommendation Tool
 - a) Recommendation
 - b) Michigan Prosperity Region
 - c) Theme for Action
 2. Recommendations are sent to Preventable Mortality Epidemiologist

ALIGNMENT METHODOLOGY

ALIGNMENT ANALYSIS PROCESS



ALIGNMENT CATEGORY RESULTS

TOP FIVE, FISCAL YEAR 2022

TOP FIVE ALIGNED CATEGORIES

Substance Use Disorder

- 35 total recommendations: 23 FIMR and 12 MMMS

Mental Health Conditions

- 33 total recommendations: 27 FIMR and 6 MMMS

Wrap Around Services

- 28 total recommendations: 23 FIMR and 5 MMMS

Health Equity

- 19 total recommendations: 12 FIMR and 7 MMMS

Social Determinants of Health

- 18 total recommendations: 14 FIMR and 4 MMMS



23 FIMR
12 MMMS
RECOMMENDATIONS

SUBSTANCE USE DISORDER



SUBSTANCE USE DISORDER: THEMES FOR ACTION

Improve Trainings and Education

Improve Access to Quality Care

Improve Management of Pre-Existing Conditions

Improve Care Coordination and Communication Between Providers

Address Environmental Conditions

Address Safety Issues/Conditions

Improve Policies Regarding Systems of Care, Prevention Initiatives, Screening, and Treatment Programs

Develop and Implement Prevention Initiatives, Screening, and Treatment Programs

SAMPLE RECOMMENDATIONS

- Increase access to integrated care for SUD interventions and services
- Increase awareness and education around the need to spread information to the SUD community about signs and symptoms of an overdose
- Implement substance use screening (including alcohol and tobacco) at first prenatal visit, throughout pregnancy and postpartum visits – including ED visit
- “There should be more education and resources provided that deal with the intersection of mental health and substance abuse”
- “Increase information around substance use (and management) during pregnancy and after birth”

INITIATIVES

Supporting implementation of the Alliance for Innovation on Maternal Health (AIM) patient safety bundle, **Care for Pregnant and Postpartum People.**



27 FIMR
6 MMMS
RECOMMENDATIONS

MENTAL HEALTH CONDITIONS



MENTAL HEALTH CONDITIONS: THEMES FOR ACTION

Improve Trainings and Education

Adopt Levels of Maternal Care

Improve Access to Quality Care

Improve Management of Pre-Existing Conditions

Improve Provider/Patient Communication

Address Social Determinants of Health and/or Health Equity

Improve Care Coordination and Communication Between Providers

Address Environmental Conditions

Improve Policies Regarding Systems of Care, Prevention Initiatives, Screening, and Treatment Programs

Develop and Implement Prevention Initiatives, Screening, and Treatment Programs

SAMPLE RECOMMENDATIONS

- Provide universal rescreening by home visiting professionals/family support professionals and medical providers for IPV, substance use, mental health during visits once a rapport with the client has been established
- Require social work consults for all pregnant or postpartum patients with Substance Use Disorder, IPV, past trauma and/or mental health disorders including referrals to appropriate follow up care and support such as MIHP
- The MMRC will increase awareness and visibility of behavior health options, including the University of Michigan MC3, to prenatal care providers, birthing hospitals, and emergency departments using the Departments communication strategies and processes
- “Improve availability of Mental Health Services for pregnant women”
- “Support referrals for mental health treatment during pregnancy”
- “Continue perinatal counseling and discussion with families who have predicted poor birth outcomes”
- “Warm hand-off of continuum of care; mental health, substance use, social services”
- “Provide physicians/residents with more education about MC3 as a MH resource. Implement into resident grand rounds”

INITIATIVES

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- Improving or expanding local grief support resources and services (e.g., support groups) for families.
 - Increasing awareness and visibility of behavioral health options to prenatal care providers, birthing hospitals, and emergency departments in Michigan.



23 FIMR
5 MMMS
RECOMMENDATIONS

WRAP AROUND SERVICES



WRAP AROUND SERVICES: THEMES FOR ACTION

Improve Access to
Quality Care

Improve
Provider/Patient
Communication

Address Social
Determinants of Health
and/or Health Equity

Improve Care
Coordination and
Communication
Between Providers

Address Environmental
Conditions

Address Safety
Issues/Conditions

Improve Policies
Regarding Systems of
Care, Prevention
Initiatives, Screening, and
Treatment Programs

SAMPLE RECOMMENDATIONS

- Offer women wrap-around services to help align systems of care and transform every interaction into a potential opportunity for change
- Increase access to home visiting/family support services for all pregnant and postpartum women in Michigan
- Women need to be connected to family support programs/services (home visiting, doulas, community health workers, etc.) to facilitate communication between patient and provider to elevate the patients' voice/concerns
- “Wrap-around care from preconception to post-conception to increase access to care and streamline referrals to social services”
- “Increase provider numbers of SWs, CHWs, and HV, the number of their programs, and institutional support for all”
- “Implement CHW as liaison between the patient and the provider, on behalf of the patient”

INITIATIVES

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- Raising awareness of home visiting programs available in clinical spaces.
 - Utilizing a resource first initiative/ approach to connect families to resources.
 - Improving awareness of family support services available for pregnant and postpartum women in Michigan.



12 FIMR
7 MMMS
RECOMMENDATIONS

HEALTH EQUITY



HEALTH EQUITY: THEMES FOR ACTION

Improve Trainings and Education

Improve Access to Quality Care

Improve Provider/Patient Communication

Address Social Determinants of Health and/or Health Equity

Improve Care Coordination and Communication Between Providers

Address Environmental Conditions

Improve Policies Regarding Systems of Care, Prevention Initiatives, Screening and Treatment Programs

SAMPLE RECOMMENDATIONS

- Believe women. The MMRC expects providers, communities, and systems to trust, hear and listen to women
- Increase access to education for providers and systems on delivering culturally competent care and reducing stigma, bias and barriers when implementing services and recommend that all providers are exposed to implicit bias training that leads to use of best practices for dignity and respectful care
- “Equitable care for all patients, to insure they receive the same level of care”
- “Begin to entrust providing the best, culturally competent evidence through trusted individuals/groups”
- “Social Worker should inquire if there are specific cultural or language barriers that are experienced and if those factors contribute to mother's medical decisions, grief process, family transition, beliefs regarding termination and other factors”

INITIATIVES

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- Presentations to local partners on racial disparities in birth outcomes and health related experiences.
 - Community partners engaging local communities to address maternal health inequities and improve access to culturally responsive health care.
 - Developing a toolkit to promote awareness of implicit bias among health care teams.



14 FIMR
4 MMMS
RECOMMENDATIONS

SOCIAL DETERMINANTS OF HEALTH



SOCIAL DETERMINANTS OF HEALTH: THEMES FOR ACTION

Improve Trainings and
Education

Improve Access to
Quality Care

Address Social
Determinants of
Health and/or Health
Equity

Improve Care
Coordination and
Communication
Between Providers

Develop and
Implement Prevention
Initiatives, Screening,
and Treatment
Programs

SAMPLE RECOMMENDATIONS

- Streamline governmental assistance application processes and administrative requirements so it's easier for pregnant and parenting people to obtaining assistance
- Pregnant and parenting women should have access to stable and secure housing to improve women's health.
- "Expand access to affordable licensed childcare"
- "Improve ways in which families have to navigate through housing sectors (make user friendly)"
- "More information needed on all support services"

INITIATIVES

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- Community groups focusing on housing and its impact on pregnant and parenting individuals.
 - Local public transportation hiring drivers to get community members to their appointments.
 - Working with childcare and employment in the early childhood education sector.

WAYS TO USE THE REPORT



LOOK AT SPECIFIC
RECOMMENDATIONS THAT YOU
COULD IMPLEMENT IN YOUR
COMMUNITY



AS A RESOURCE TO INFORM
YOUR LOCAL IMPROVEMENT
PLANS/ INITIATIVES



TO RAISE AWARENESS AND
EDUCATE DECISION MAKERS

To view the report, please visit: [MMMS and FIMR aligned recommendations \(michigan.gov\)](https://michigan.gov/mmms-and-fimr-aligned-recommendations)

THANK YOU!

Michigan Fetal Infant Mortality Review

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