

# Michigan Fetal and Infant Mortality Review (FIMR)



## BACKGROUND

FIMR is an evidence-based process, which identifies and analyzes factors contributing to fetal and infant deaths through case reviews and family interviews. FIMR uses a two-tiered system that engages a multi-discipline Case Review Team and a Community Action Team to implement a continuous quality improvement process. There are currently 13 active FIMR teams in Michigan. FIMR's main goals are to:

- Identify social, economic, cultural, safety, health and systems factors that contribute to mortality.
- Craft recommendations to forward to their respective Community Action Teams based on case review findings.

\*All case summary reports, data, information and interviews are de-identified prior to presentation at FIMR Case Review Team meetings.

## OBJECTIVE

This handout is intended to share the recommendations made by local FIMR teams collectively and highlight selected initiatives that have resulted.

## RECOMMENDATIONS

Recommendations were collected between October 1, 2018 and September 30, 2019.

- 11 FIMR teams reviewed 196 cases
- 82 Case Review Team meetings were held
- 45 Community Action Team meetings were held
- 51 maternal/family interviews were conducted
- 282 recommendations were made and categorized into 14 major themes and 34 sub-themes through a qualitative analysis

THEMES	RECOMMENDATIONS	TEAM INITIATIVES
Prenatal Care/Delivery 	<ul style="list-style-type: none"> <li>• Universal substance use screenings and connection to resources</li> <li>• Access to prenatal dental care</li> <li>• Prenatal vaccination completion</li> </ul>	<ul style="list-style-type: none"> <li>• Prenatal care barrier surveys</li> <li>• Pregnancy resource guides</li> <li>• In-person and phone meetings with moms</li> <li>• Community “office hours”</li> </ul>
Community Education 	<ul style="list-style-type: none"> <li>• Effects of marijuana during pregnancy</li> <li>• Infant car seat education</li> <li>• Prenatal care importance</li> </ul>	<ul style="list-style-type: none"> <li>• Infant safety expos</li> <li>• Teen pregnancy and rehabilitation facility visits</li> <li>• Social media campaigns</li> <li>• Medical, nursing student, and local organization education</li> </ul>
Provider Education 	<ul style="list-style-type: none"> <li>• Effects of marijuana and substance use on fetus</li> <li>• Provider communication strategies to deliver information to patients</li> </ul>	<ul style="list-style-type: none"> <li>• "Lunch and learns"</li> <li>• Adverse Childhood Experiences (ACES)</li> <li>• Importance of FIMR</li> </ul>
Referral Systems 	<ul style="list-style-type: none"> <li>• Maternal Fetal Medicine Specialists (MFM) referrals for high risk pregnancies, especially for mothers with a short cervix</li> </ul>	<ul style="list-style-type: none"> <li>• Improved clinic to social worker and provider to home visitor systems</li> <li>• Family self-advocacy education</li> <li>• Service integration model implementation</li> </ul>
Safe Sleep 	<ul style="list-style-type: none"> <li>• First responder, family, and caregiver education</li> <li>• Hospital wide campaigns and education</li> </ul>	<ul style="list-style-type: none"> <li>• Whole-family and caregiver education</li> <li>• Infant safe sleep house parties</li> <li>• Library partnerships</li> </ul>
Bereavement 	<ul style="list-style-type: none"> <li>• "Warm handoffs" for grief support and financial assistance services for families experiencing an infant death</li> </ul>	<ul style="list-style-type: none"> <li>• Linked families to community health workers</li> <li>• Family grief resources</li> <li>• Provider empathy classes</li> </ul>

\*Selected local team recommendations.