



FY19 FETAL INFANT MORTALITY REVIEW (FIMR)

Recommendations Analysis & Results

OVERVIEW

In Fiscal Year 2019, the 11 active FIMR teams reviewed 196 cases (184 infant cases and 12 fetal cases), held 82 Case Review Team (CRT) meetings, held 45 Community Action Team (CAT) meetings, and conducted 51 maternal/family interviews. Additionally, the FIMR teams made 282 recommendations based on the findings during the reviews (this number includes duplicated recommendations).

Recommendation Collection Process:

The local FIMR recommendations were collected quarterly through the FY19 FIMR Quarterly Report, which were submitted to the Infant Health Consultant. The Infant Health Consultant logged all the recommendations submitted from the Michigan FIMR Network.

Recommendation Analysis Process:

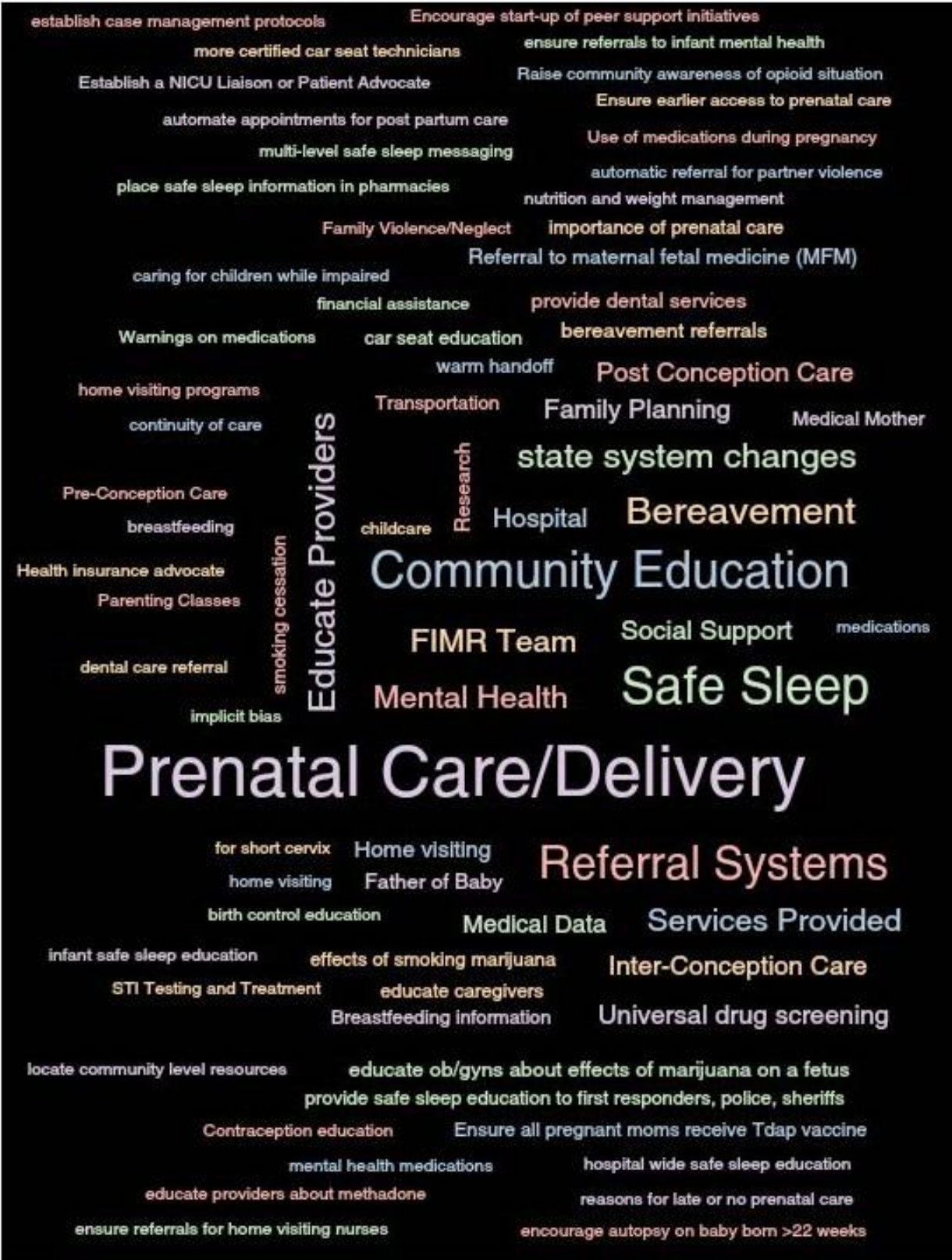
The 282 FIMR recommendations were reorganized and consolidated in an Excel spreadsheet to make 261 recommendations. A code file was also created based on the themes from the draft FIMR Recommendation Form local teams will be using during their Case Review Team (CRT) meetings. The recommendations were uploaded into Dedoose, a qualitative analysis software (www.dedoose.com).

Initially, an Infant Health Unit staff member reviewed all the recommendations in Dedoose and coded by major theme and sub-code. Another Infant Health Unit staff member then reviewed the coded recommendations, reorganized and recoded data as appropriate. Thirty-four codes were created with 14 of the codes having additional sub-codes.

RESULTS

Overview:

The themes or codes with the most recommendations categorized included, prenatal care/delivery, community education, provider education, referral systems, safe sleep, and bereavement as depicted in the word cloud below:



Prenatal Care/Delivery:

Forty-two FIMR recommendations were coded under “Prenatal Care/Delivery” with the following identified sub-themes listed in the below word cloud:



Of the recommendations that were categorized under the major theme “Prenatal Care/Delivery,” the majority of recommendations included providing universal drug screening, dental services, and smoking cessation, and ensuring all pregnant moms receive the Tdap vaccine.

Example recommendations:

- Perform universal drug screen on all births (particularly deliveries before 38 weeks).
- Ensure all pregnant moms receive Tdap vaccine with each pregnancy no matter what the timeframe was from the last Tdap.

Community Education:

For “Community Education,” there were 26 FIMR recommendations categorized under this code with the following identified sub-themes listed in the below word cloud:



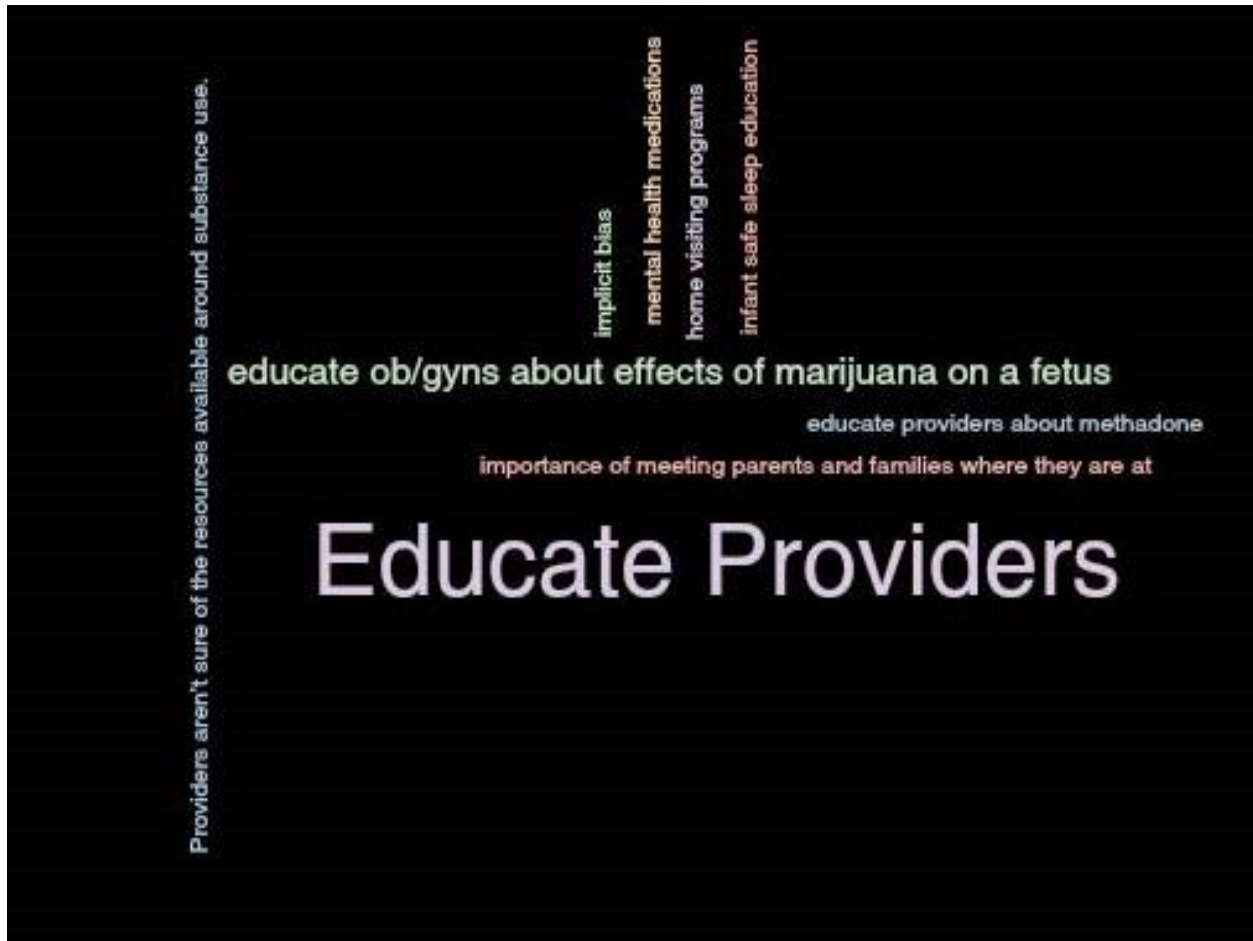
Of the recommendations that were categorized under the major theme “Community Education,” the majority made recommendations to educate on the effects of smoking marijuana, providing car seat education, and the importance of prenatal care.

Example recommendations:

- Big campaign around marijuana use and its effects on your baby.
- A media campaign on proper car seat use, not a sleeping environment.
- Standardization of car seat safety; position of seat within vehicle depending on child’s age/weight/development. Need a consistent message.
- Community awareness of the importance of prenatal care.

Educate Providers:

Seventeen FIMR recommendations were coded under “Educate Providers” with the following identified sub-themes listed in the below word cloud:



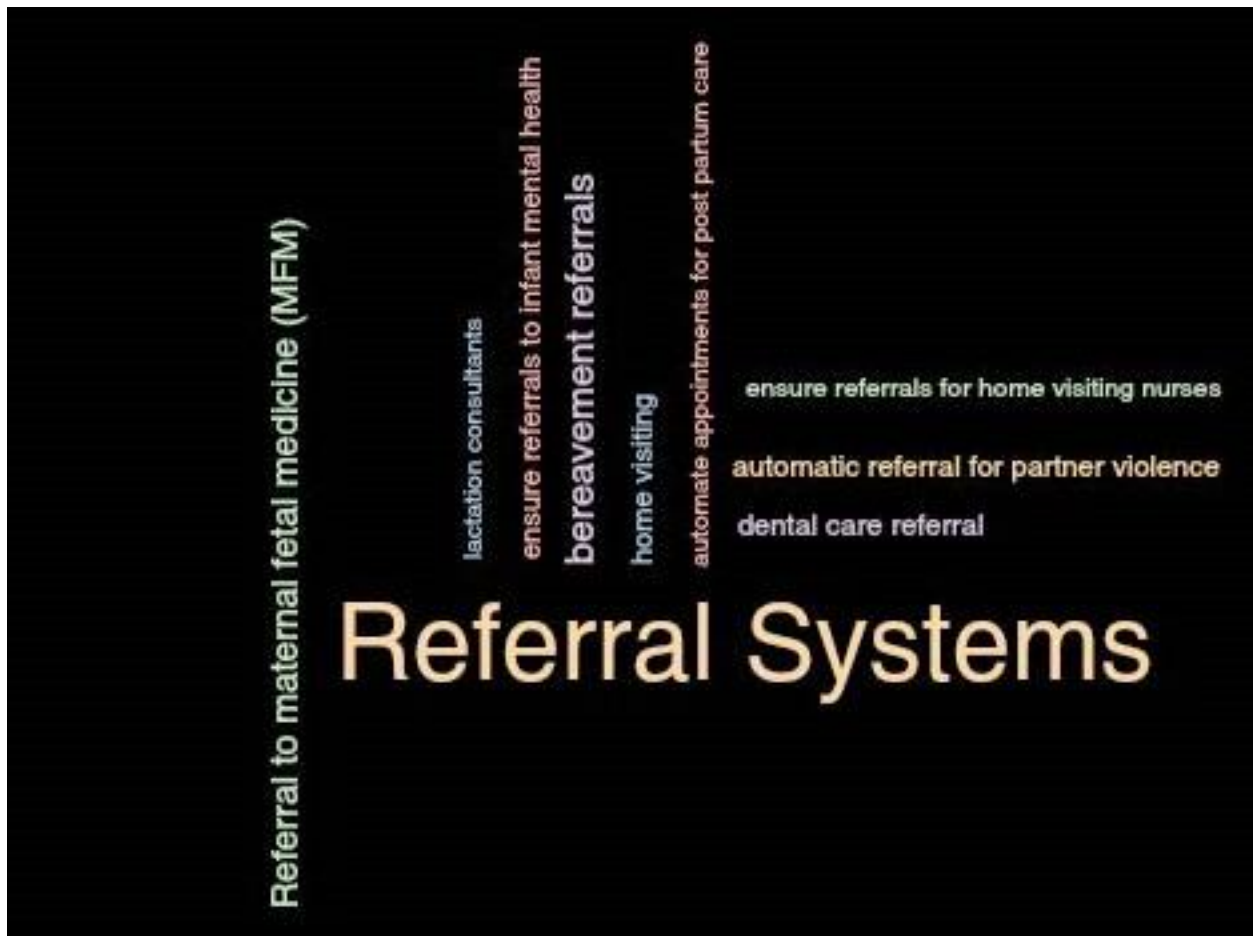
Of the recommendations that were categorized under the major theme “Educate Providers,” the majority recommended educating OB/GYNs about the effects of marijuana on a fetus.

Example recommendations:

- Increase community and professional education/messaging on pregnancy and marijuana use.
- Help staff better understand risk of marijuana use and pregnancy.

Referral Systems:

There were 23 FIMR recommendations assigned to the code, “Referral Systems” with the following identified sub-themes listed in the below word cloud:



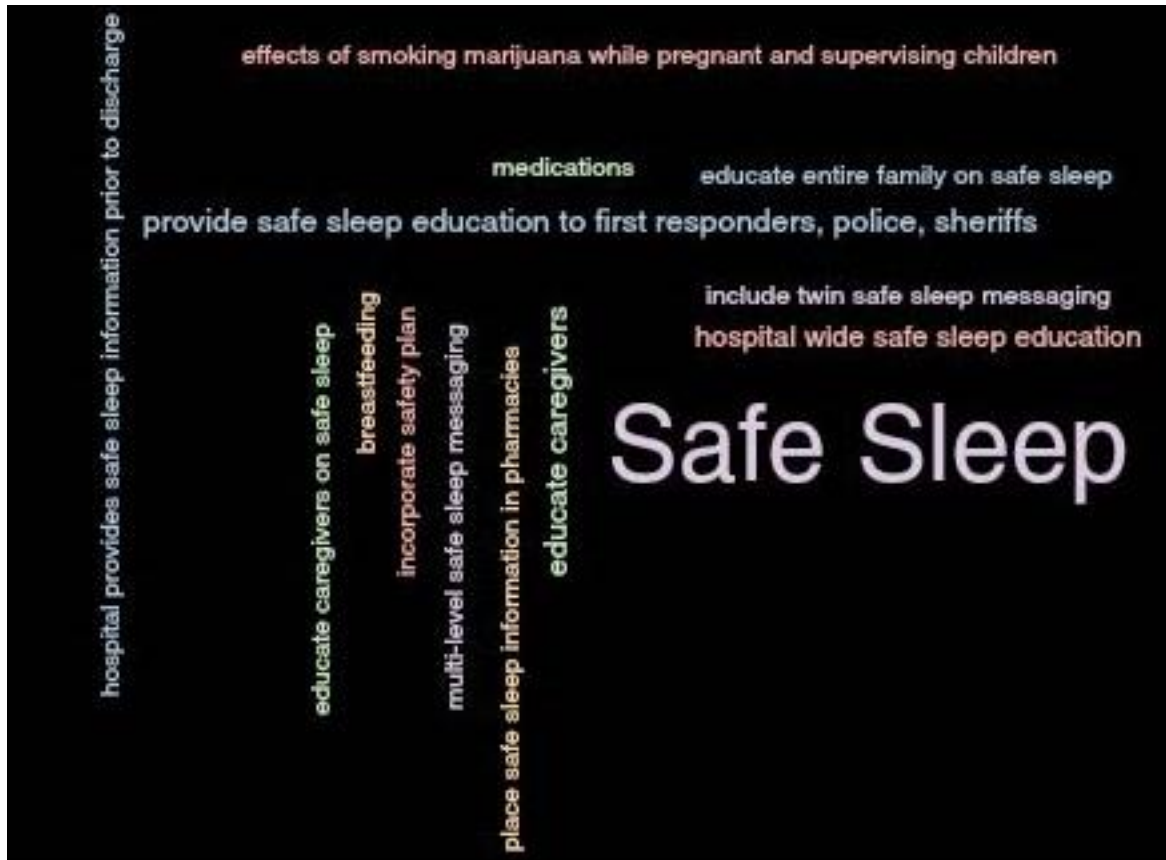
Of the recommendations that were categorized under the major theme “Referral Systems,” the majority recommended making referrals to Maternal Fetal Medicine Specialists (MFM).

Example recommendations:

- MFM referrals when necessary and/or for future pregnancies.
- Referrals to MFM due to short cervix.

Infant Safe Sleep:

Twenty-eight FIMR recommendations were coded under “Safe Sleep” with the following identified sub-themes listed in the below word cloud:



Of the recommendations that were categorized under the major theme “Safe Sleep,” the majority recommended providing safe sleep education to first responders, educating caregivers, and hospital wide safe sleep education.

Example recommendations:

- Display culturally appropriate safe sleep education on a looped video in the waiting room of all OB/GYN, pediatrician, primary care providers offices, and emergency rooms.
- Educate and empower Emergency Medical Services (EMS)/public safety to check in on safe sleep practices.
- Perform safe sleep training for all caregivers (family, partners, professionals, etc.).

Bereavement:

For bereavement, there were 18 FIMR recommendations coded with the following sub-themes identified listed in the below word cloud:



Of the recommendations that were categorized under the major theme “Bereavement,” the majority recommended ensuring there was a warm handoff for bereavement services.

Example recommendation:

- Warm handoff for grief support and financial assistance associated with infant death.

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