

INDIANAPOLIS HEALTHY BABIES FETAL INFANT MORTALITY REVIEW

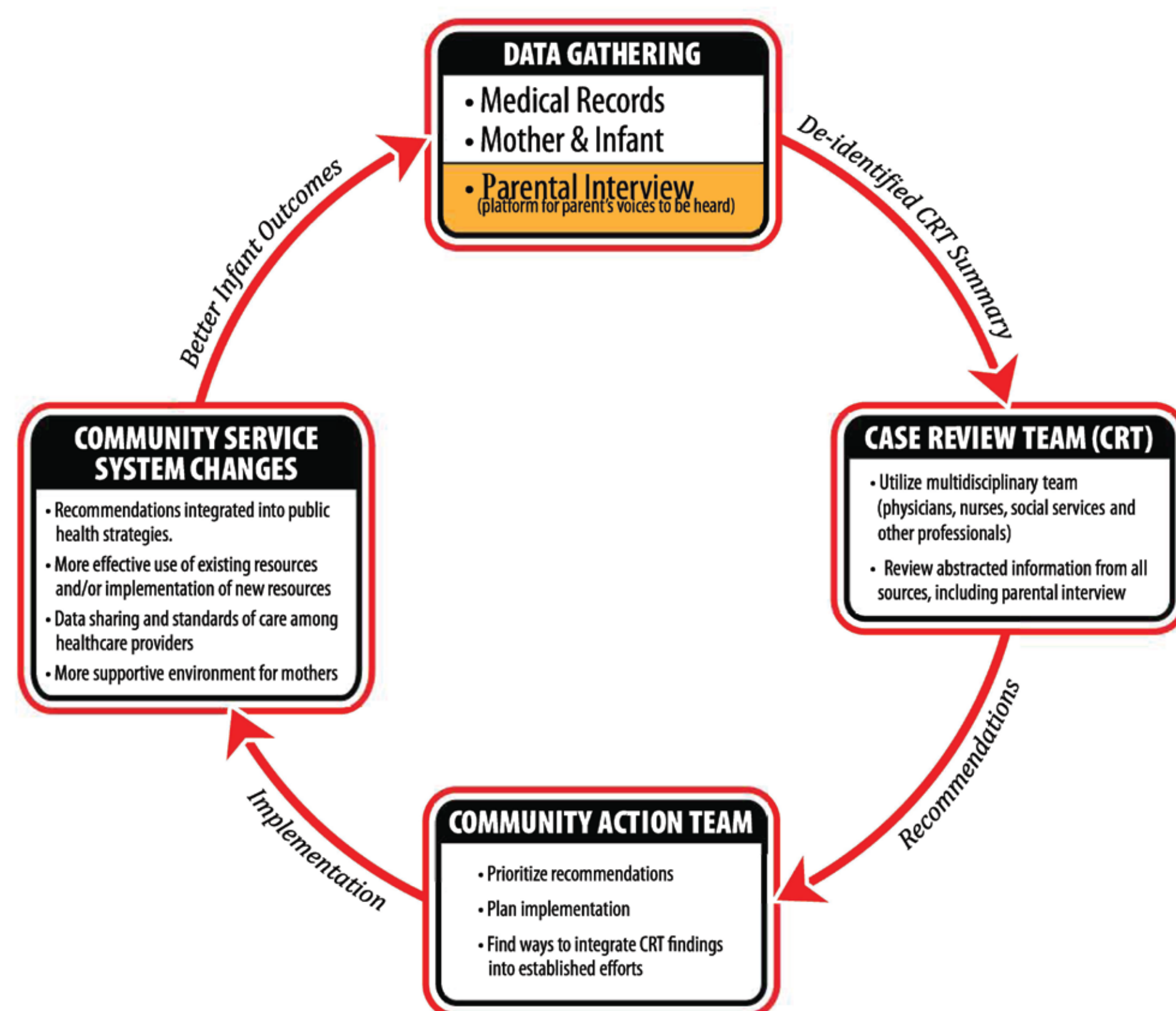
PARTNER ORGANIZATIONS

WHAT IS INDIANAPOLIS HEALTHY BABIES FETAL INFANT MORTALITY REVIEW PROGRAM (IHB-FIMR)?

IHB-FIMR is a quality improvement process that conducts a comprehensive multidisciplinary review of fetal and infant deaths to understand how a wide array of local social, economic, public health, educational, environmental, and safety issues relate to the tragedy of fetal and infant loss. Additionally, FIMR teams use the findings to take action that can prevent future infant deaths and improve the systems of care and resources for women, infants, and families.

IHB-FIMR incorporates not only quantitative data, but the stories of families into our review process. When possible, we conduct parental interviews to better understand the family's experience during the loss. We offer resources as needed including bereavement information, mental health, community programs, and inter-conception care. IHB-FIMR reviews cases of Fetal and Infant Mortality from Marion County, IN residents. Review guidelines include minimum of 22-24 weeks gestation and/or 500 grams birthweight. Infant deaths are reviewed up to one year of age.

The IHB-FIMR Process: A Continuous Quality Improvement Initiative



The IHB-FIMR Community Action Team/ Community Action Network takes recommendations from the FIMR case review team and puts them into community efforts for improvement. There are currently two separate work groups that focus on some of the most common concerns we see in our cases – safe sleep, and maternal mental health.

Through efforts like education, recommendations, connection to resources, and input from many stakeholder organizations, the community action team and its work groups aim to bring awareness to the important factors affecting fetal and infant mortality and the ways in which we can improve outcomes.

DATA

During the process of reviewing a case, FIMR nurses enter data with the National Center for Fatality Review and Prevention (NCFRP) database. National Fatality Review-Case Reporting System (NFR-CRS) is a standardized, web-based data system used by Child Death Review (CDR) and FIMR teams to collect and analyze data from case reviews. There are more than 2,800 variables in NFR-CRS, including information on the child, caregivers, supervisors, cause and manner of death, risk factors, and information about the review process. CDR and FIMR teams can also document case findings and recommendations.

Between 2018 and 2021, IHB-FIMR reviewed 281 cases of fetal (87) and infant (194) deaths. Below are standardized reports from selected case data.

FIMR Aggregate Issues Report Marion County Fetal & Infant Deaths Reviewed from 1/1/2018 -12/31/2021

Deaths Reviewed	Total
Fetal	87
Infant	194
Section 4: Substance Use	
Positive drug test	82
No drug test	27
Tobacco use: hx, not current	25
Tobacco use: current	64
Alcohol use: hx, not current	23
Alcohol use: current	21
Illicit drug use: not current	22
Illicit drug use: current	78
Positive drug test (infant)	24
Section 5: Prenatal Care/Delivery	
No prenatal care	7
Late entry to prenatal care	75
Section 6: Medical: Fetal/Infant	
Low Birth Weight (<2500 grams)	43
Very Low Birth Weight (<1500 grams)	29
Extremely Low Birth Weight (<750 grams)	19
Congenital anomaly	18
Prematurity	64
Section 8: Environment	
Unsafe neighborhood	7
Substandard housing	12
Overcrowding	15
Second-hand smoke	65
Section 12: Family Transition	
Frequent/recent moves	75
Living in shelter/homeless	12
Section 13: Mental Health/Stress	
Hx of mental illness (CBP)	112
Depression/mental illness during pregnancy	86
Depression/mental illness in postpartum period	109
Multiple stresses	127
Social chaos	58
Concern about enough money	90
Section 15: Culture	
Language barriers	30
Section 16: Payment for Care	
Private	80
Medicaid	197
Self-pay/medically indigent	24



PARENTAL INTERVIEWS

The parental interview helps to “paint the faces behind the numbers,” allowing families to give their own account of the circumstances surrounding their loss. The FIMR Nurse Interviewer sensitively collects the parents’ answers to questions. The interview results are shared and are de-identified. The IHB-FIMR has a 34% parental interview rate. The interview gives the opportunity for the parent to share their needs. The FIMR nurse makes referrals for bereavements services, doctor follow-up appointments and other resources.

“I appreciate that you cared enough about me to call and check on me.”

“You know, you are the first person willing to talk. This is the first time someone randomly called me about him, besides my delivery nurse. No one has reached out to me. No one has emailed me, texted me, or anything besides my family. You are the first person that has reached out to us about anything. So, I really do appreciate that. As far as community resources, I feel like they can do a lot better with supporting moms that lost infants.”

“Because of Covid-19, our parents could not visit the hospital and be there physically with us. My baby lived 6 days. I felt that due to Covid-19 there were not enough staff around to help me deal with my loss. Emotionally I did not do so well. I cried and did not want to do anything. I felt like I did not have any resource options due to Covid-19 as offices were closed or limited.”

“Moms go through it more, you know, moms grieve more. They are the emotional part because we carry the child. We deliver the child. But dads, dads go through stuff too. So, I think as far as supporting both parents, they could do better.”

{Father} What did you and the family do while your wife was in the hospital for a month?: *“I took care of the children, getting them to school and cooking their meals. My employer gave me three weeks off and said that if my wife were still in the hospital, I could have three more months. I was so busy during this time taking care of my family and visiting with my wife that sometimes I only slept for a few hours at night.”*

“He had his first doctor visit after hospital discharge, and the doctor was concerned about his weight. So, I was trying to feed him around the clock as much as I could to get him to eat. This night I... I was soooo tired. I put him down in the baby bed, but he wouldn't sleep. I got his Boppy pillow and turned a movie on. I had 30 minutes until his next feeding, and I was trying to stay awake. But I dozed off with him on the pillow. When I woke up, I realized it was daylight outside. I couldn't find the baby and then found he was under the pillow. I didn't have help. The kind of help I could have had I didn't want because of... some situations. I'd been homeless during the pregnancy and my older son has a lot of behavior problems. It was all really stressful.”

Factors Involved in Sleep-Related Deaths

State: Indiana
Local Team: Marion County FIMR
Cases Selected By: Date Of Death
Death Date From: 1/1/2018
Death Date To: 12/31/2021
For Case Type: Child Death
Review Type: FIMR



Factor	Age Group								Sub Total
	0-1 Months	2-3 Months	4-5 Months	6-7 Months	8-11 Months	1-4 Years	5 Years and Up	Unknown	
Deaths Reviewed	25	17	12	3	4	0	0	0	61
Not in a crib or bassinet	19	13	10	3	3	0	0	0	48
Not sleeping on back	8	9	7	3	4	0	0	0	31
Soft bedding/toys in sleep environment	20	15	9	3	3	0	0	0	50
Sleeping with other people	17	10	6	2	3	0	0	0	38
Obese adult sleeping with child	7	5	1	0	1	0	0	0	14
Adult was alcohol impaired	1	0	1	0	0	0	0	0	2
Adult was drug impaired	3	6	0	0	2	0	0	0	11
Caregiver/Supervisor fell asleep while bottle feeding	2	2	0	0	0	0	0	0	4
Caregiver/Supervisor fell asleep while breast feeding	2	0	1	0	0	0	0	0	3

Footnote: Columns do not add up to total deaths because the factors are not mutually exclusive. If factor is unknown, it is not included in these counts. Soft bedding/toys in sleep environment include pillow, comforter, thin blanket/fleece sheet, cushion, nursing or U-shaped pillow, sleep positioner, bumper pads, or toys(s).

Report completed in 13.6084238 Seconds

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- Anthem
- Ascension St. Vincent
- BABE Store Program
- Care Source
- Community Health Network
- Cradle Indy
- DCS
- Deliverance Tabernacle Church
- Eskenazi Health
- Fairbanks School of Public Health
- Firefly Children and Family Alliance
- Franciscan Health
- Healthnet
- Healthy Families
- Indiana Black Breastfeeding Coalition
- Indiana Department of Health
- Indianapolis Healthy Babies Consortium
- Indianapolis Healthy Start
- Indiana Pregnancy Promise Program
- Immigrant Welcome Center
- Intouch Outreach
- IU Health
- IU School of Medicine
- IU School of Nursing
- Marion County Coroner's Office
- Marion County WIC
- MDWise
- Nurse Family Partnership
- Raphael Health Center
- Regenstrief Institute
- RDoor Housing Corporation
- Sandra Eskenazi Mental Health
- Shades of Becoming a Mom
- Six Dimensions
- The Villages of Indiana