

INTEGRATING FETAL AND INFANT MORTALITY REVIEW (FIMR) AND PERINATAL PERIODS OF RISK (PPOR) FOR BETTER MATERNAL CHILD HEALTH OUTCOMES

Telling Each Story to Save Lives Nationally



KEY FUNDING PARTNER

FEDERAL ACKNOWLEDGEMENT

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HOUSEKEEPING

Before we get started

- This webinar is being recorded and will be available on the National Center's webpage (URL: <u>www.ncfrp.org</u>).
- Participants are muted. Use the question and answer box to ask questions.
- Due to the large number of participants, the speakers may be unable to answer all questions. Unanswered questions will be answered and posted with the recording.
- Contact the National Center (email: <u>info@ncfrp.org</u>) for any tech problems.





EVALUATION

https://www.surveymonkey.com/r/32BRMMX



Diane Pilkey, RN, MPH

Welcome and Introductions

Senior Nurse Consultant

Division of Child, Adolescent and Family Health

Maternal and Child Health Bureau

Health Resources and Service Administration







Describe FIMR

Summarize the community-owned, action-oriented FIMR process.



Describe PPOR

Summarize the prevention-focused PPOR analysis.



Explore FIMR and PPOR strengths and limitations

Describe the appropriate way to use the FIMR process and PPOR analysis to support MCH outcomes



Highlight opportunities for integration of PPOR and FIMR

Describe ways that PPOR can be used to support the FIMR process.



Explore the utility of FIMR and PPOR at the local level

Illustrate how FIMR and PPOR can support public health decision making, processes, and outcomes





Speakers



Rosemary Fournier, RN, BSN
FIMR Director
National Center for
Fatality Review and Prevention



Carol Gilbert, MS, ABD
Senior Health Data Analyst
CityMatCH



Kelli McNeal, BA
FIMR and Maternal Child Health
Outreach Program Supervisor
Oklahoma City-County Health
Department





FIMR's relationship to Public Health Surveillance

- The ongoing, systematic collection and analysis of data about a health problem that can lead to action to control or prevent the problem.
- An infant death is a sentinel event that triggers surveillance and prevention activities.

Definitions

Understanding fetal and infant mortality





FETAL MORTALITY (Stillbirth)

An infant born without signs of life, generally after 20 weeks of gestation



INFANT MORTALITY

The death of any live born infant prior to his/her first birthday.

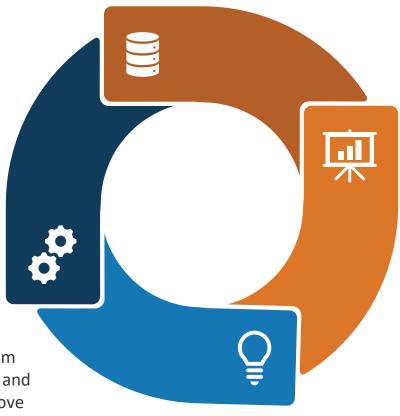
FIMR: The Cycle of Improvement

A multidisciplinary, community process that examines cases of fetal & infant deaths that is:

Comprehensive, de-identified, confidential, and gives voice to parents/families' experiences.

Data Gathering

Information is collected from a variety of sources, including family/parental interview, medical records, pre-natal care, home visits, WIC, and other social services.



Improvements in Systems of Care

As the physical, health care, and social environment for childbearing families improves, outcomes, over time, will be better.

Case Review

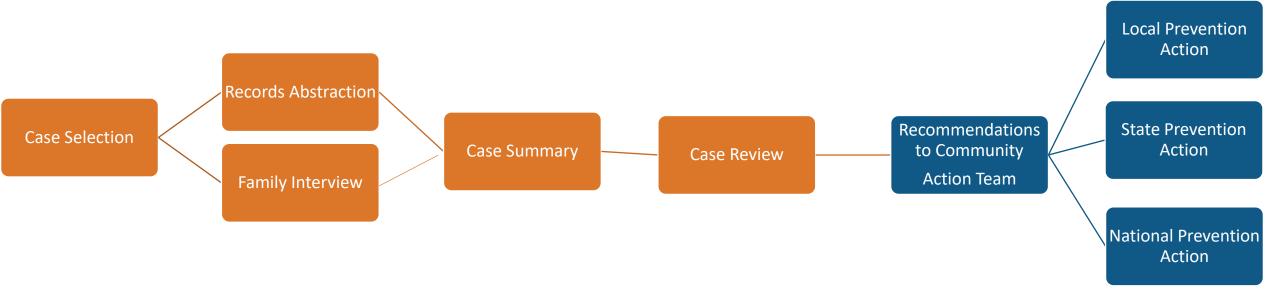
The multidisciplinary Case Review Team team reviews the case to identify barriers to care and trends in service delivery and ideas to improve policies and services that affect families.

Community Action

The Community Action Team receives the recommendations from the review team and is charged with developing and implementing plans leading to positive change within the community.

FIMR Process

Best Practices in Reviews





FIMR

A TWO-TIERED PROCESS





CASE REVIEW TEAM (CRT)

- Reviews the story
- Identifies the issues
- Makes recommendations



COMMUNITY ACTION TEAM (CAT)

- Composed of those who have the political will and fiscal resources to implement change
- Responsible for taking CRT recommendations to
 ACTION



FIMR includes a Family Perspective: An interview with the parents who have suffered a loss is conducted and the families' story is conveyed to the FIMR team members.

FIMR's benefit to the Community

- Identifies **gaps** in current services, a key part of needs assessment, and cooperates to fill those gaps
- Provides context through case review and data collection
- Fosters interagency networking and communication, diverse
 partnerships
- Develops a greater understanding of maternal and child health community needs by seeing the whole picture, not just a part
- Health Disparities: Illuminates inequities and identifies
 populations at the most significant risk for a poor outcomes
- Provides community-specific information about changing health care systems



Integrating Fetal and Infant Mortality Review (FIMR) and Perinatal Periods of Risk (PPOR) for better Maternal Child Health Outcomes

Carol Gilbert
CityMatCH

Contents

- What is PPOR
- How PPOR and FIMR are complementary
- Ways to use them together

Perinatal Periods Of Risk (the PPOR approach)



- •a simple analytic framework and steps for investigating feto-infant mortality at a local level
- an epidemiological tool to be used as a part of a larger urban community planning process



What IS NEEDED to do PPOR?

- Access to and the ability to analyze vital records data
- •Every population studied must have at least 60 feto-infant deaths in at most 5 years (>100 for full analysis)
- A team of community collaborators & champions



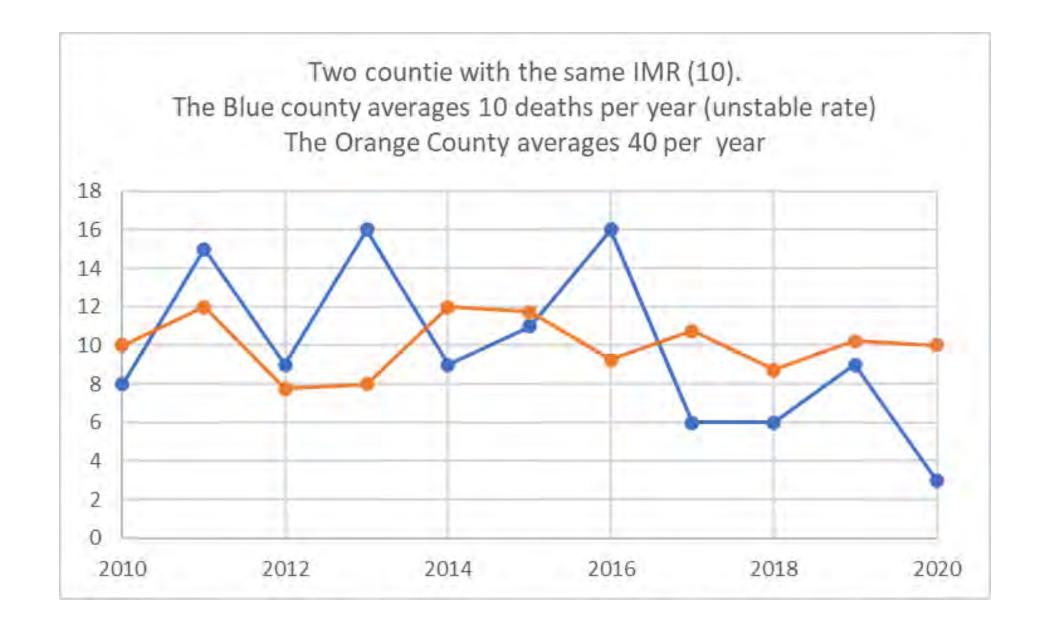
Three vital records data files – *every* live birth and fetal death is included

- <u>Live birth</u> certificate files
- Fetal death certificate files
- Infant death certificate files linked to birth certificate information

ALL are produced in every state.

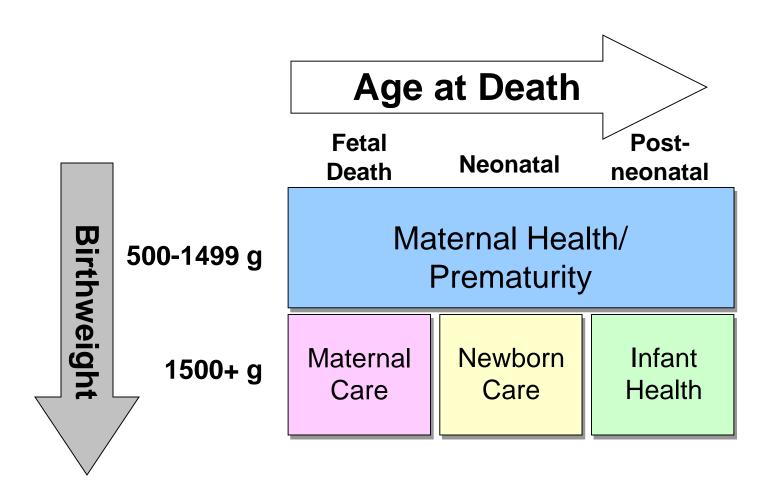
Smaller populations still need 60 deaths

- Subpopulations within an urban county
 - Immigrant communities
 - Urban Native Americans
 - African-Americans
- Combine similar counties
 - Public health systems
 - Health care systems
 - Cultures and traditions
- Combine years



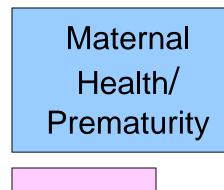
PPOR PHASE 1

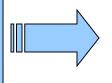
Fetal and infant deaths are sorted into four periods of risk, and a mortality rate is calculated for each period.





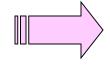
Phase 1 Narrows the Choices of Action





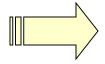
Preconception Health Health Behaviors Perinatal Care etc.

Maternal Care



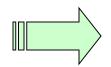
Prenatal Care
High Risk Referral
Obstetrical Care
etc.

Newborn Care



Perinatal Management Neonatal Care Pediatric Surgery etc.

Infant Health



Sleep Position Smoking Injury Prevention etc.





Urban County: Comparing Different Subpopulations

White Fetal-Infant Rate = 8.6

(Denom.=16,045)

3.1 2.0 1.9 1.6

White non-Hispanic

Black Fetal-Infant Rate =17.6

(Denom.=3,291)

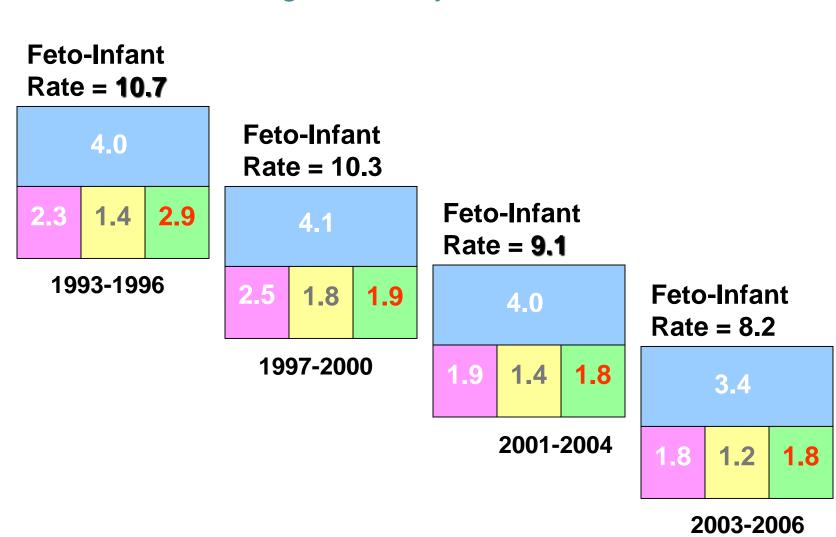


Black non-Hispanic

F

Map of Feto-Infant Mortality Rates

1993-2006 Douglas County, NE, All Races





PPOR mortality rates are also calculated for a reference population to answer the question "What rates should we *expect* to see in each Period of Risk?"



The reference group is selected based on maternal demographics, not behaviors or health conditions.

PPOR Phase 1

- The reference group provides a baseline, an expected mortality rate under ideal conditions
- If a death rate exceeds the baseline rate, we know there are deaths that could have been prevented.
- PPOR Phase 1 tells the team which periods of risk and populations have preventable deaths,

i.e. "Where are the gaps?"





Urban County: Comparing Different Subpopulations

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White non-Hispanic

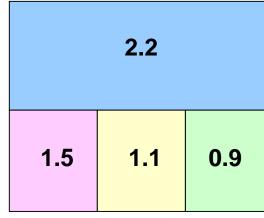
Black Fetal-Infant Rate =17.6

(Denom.=3,291)



Black non-Hispanic

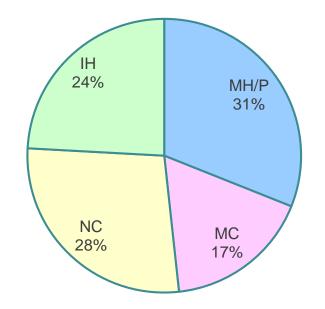
Reference Group =5.7 (National)



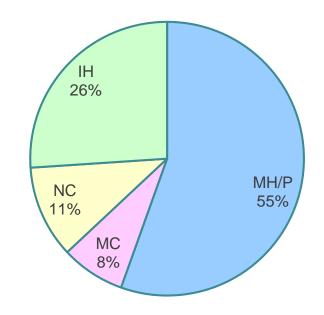
White, 13 years education Age >=20

The gaps (Phase 1 results)

Preventable White Mortality

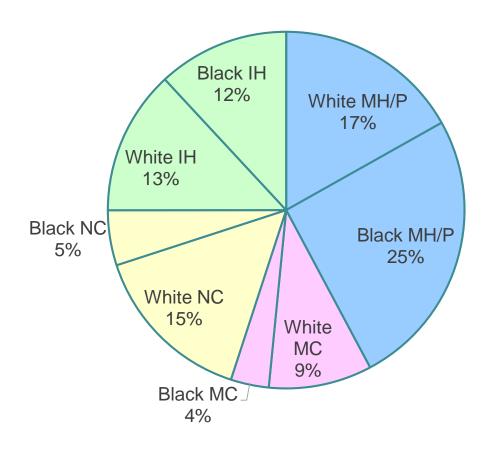


Preventable Black Mortality



The gaps (Phase 1 results)

Preventable Mortality by Risk Period and Race



PPOR Phase 2

Focus on the populations and periods of risk with the largest gaps.

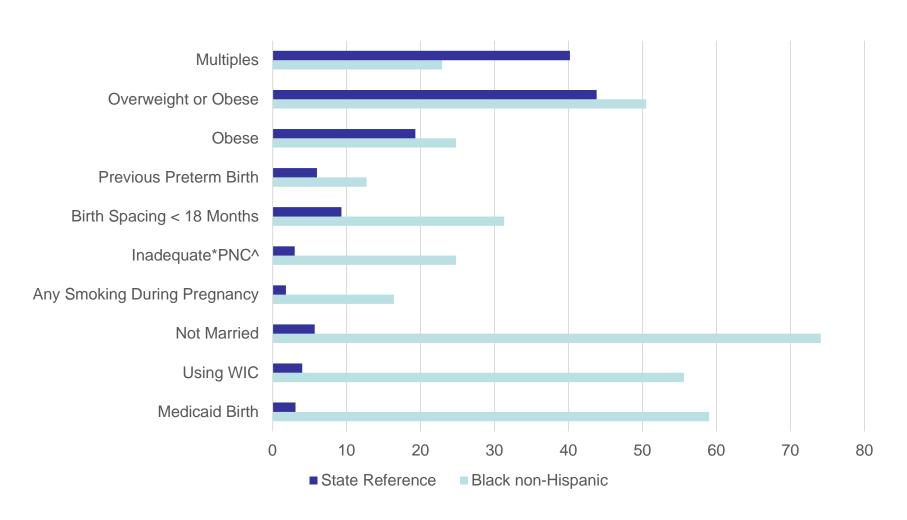
Questions:

- What are the likely causes of this gap?
- What interventions are most likely to work?

Activities:

- Further epidemiologic study (Phase 2 PPOR)
- Review scientific evidence
- Community health and health systems assessments
- Fetal Infant Mortality Reviews (FIMR)

Phase 2 analysis (partial) MHP (Blue Box) too many VLBW Babies





Summarize factor importance using PAR

	Percent of Population with Risk Factor	Risk Ratio	Population Attributable Risk Percent
		(risk of those exposed to the factor compared to those not exposed)	(potential impact of factor on very preterm birth rate)
Twins or More	3.2%	11.4	24.9%
Not Married	44.4%	1.5	17.7%
<=High School Education	48.3%	1.4	16.5%
Birth Spacing < 18 Months	13.7%	2.2	14.0%
Previous Preterm Birth	5.4%	4.0	13.9%
Delivery Paid by Medicaid	27.4%	1.4	9.4%
Overweight or obese	48.3%	1.1	6.6%
Smoking during pregnancy	15.7%	1.4	5.6%
Previous Poor Birth Outcome	1.1%	5.3	4.6%
Obese	24.0%	1.1	1.7%
Teen Mom (19 or less)	10.9%	1.1	0.9%
WIC	42.7%	0.9 Protective	Protective

Example of Phase 2 conclusions

Too many VLBW births contributes 75% of preventable "blue box" deaths, 31% of all excess mortality. What are the important factors?

Likely important causes or markers in our community

- Not married
- High school or less
- Short birth spacing
- Previous preterm birth

Not likely

- Multiples (twins/triplets)
- Teen births
- Obesity/overweight
- Low educational attainment
- Inadequate prenatal care
- Smoking
- Other previous poor outcomes



PPOR Phase 2 fosters *integration* with other key efforts

- Assessments and studies (CHIP, CHA etc.)
- Surveillance systems such as PRAMS, BRFSS, YRBS
- Policy and program evaluations
- Fetal Infant Mortality Review

PPOR & FIMR

 USE FIMR information in Phase 2, to help interpret findings and to understand true causes of excess mortality

e.g. late prenatal care because of what?

- lack of trust
- insurance limitations or barriers
- transportation or childcare

Role of FIMR

 Aggregate info on contributing factors can help identify specific needs, risks

FIMR info can be used to formulate, tailor interventions

FIMR findings can be used to monitor impact of new interventions

FIMR can help address some Limitations of PPOR

- PPOR can't be used in communities or subpopulations with less than 60 deaths in 5 years.
- Observational data cannot prove cause and effect, whereas case studies can reveal actual causes.
- Vital records and other population-based data sources only collect data on a very limited number of factors known to affect birth outcomes. FIMR is unlimited and can identify NEW factors.

PPOR can help FIMR programs operate efficiently

 FIMR can use PPOR data to focus limited case review resources on areas where there is the most opportunity (the gaps), and to provide context for findings to improve recommendations

PPOR can help organize FIMR findings

 FIMR can use PPOR data to focus limited case review resources on areas where there is the most opportunity (the gaps), and to provide context for findings to improve recommendations

Integrating PPOR & FIMR

(contributing factors by risk period)

MATERNAL HEALTH

(n=31)

- Maternal infections other than STDs 45%
- Preterm labor 45%
- PROM 39%
- Hx of fetal or infant loss 39%
- Anemia 32%
- Lack of family planning 32%
- Substance use 29%
- Pre-pregnancy medical condition -29%

MATERNAL CARE

(n=18)

- Obesity 50%
- Pre-pregnancy medical conditions 39%
- Maternal infections other than STDs 33%
- Parental education (kick counts, s/s of preterm labor) -33%
- Late entry into prenatal care 33%

Integrating PPOR & FIMR

(contributing factors by risk period)

NEWBORN CARE (n=9)

- STDs 56%
- Pre-pregnancy health 44%
- Maternal infection other than STD 44%
- PROM 44%
- Hx of previous loss 44%
- Maternal age<21 44%
- Substance use 33%

INFANT HEALTH (n= 9)

- Poor follow-up for medically-complex child
 78%
- Poverty -68%
- Lack of Healthy Start screening 56%
- Poor communication between providers -56%
- Late entry into care 56%
- SIDS prevention 44%

Another limitation that PPOR can address:

what cases is our FIMR program reviewing?

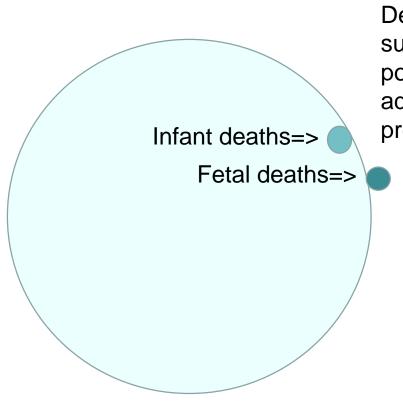
 In order to understand risks in the community, information about babies that don't die is also needed.

Why?

All are at risk of becoming a death



Deaths are a much smaller group than the population at risk. They have different characteristics

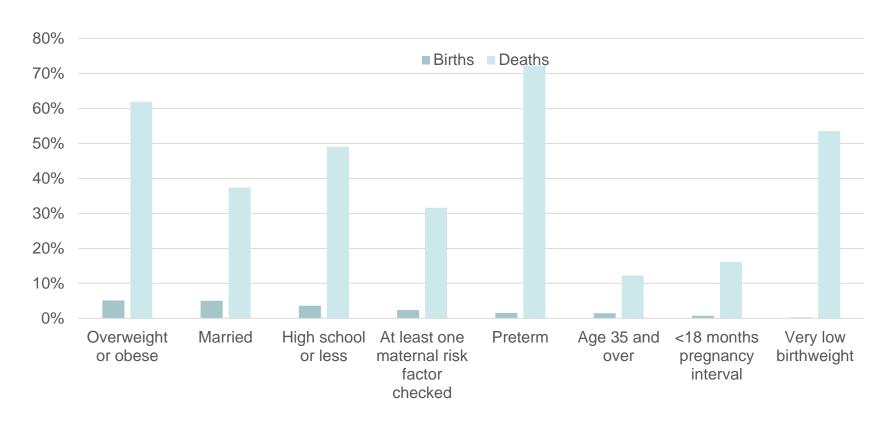


Deaths are a very small subset of the population we would address with prevention activities

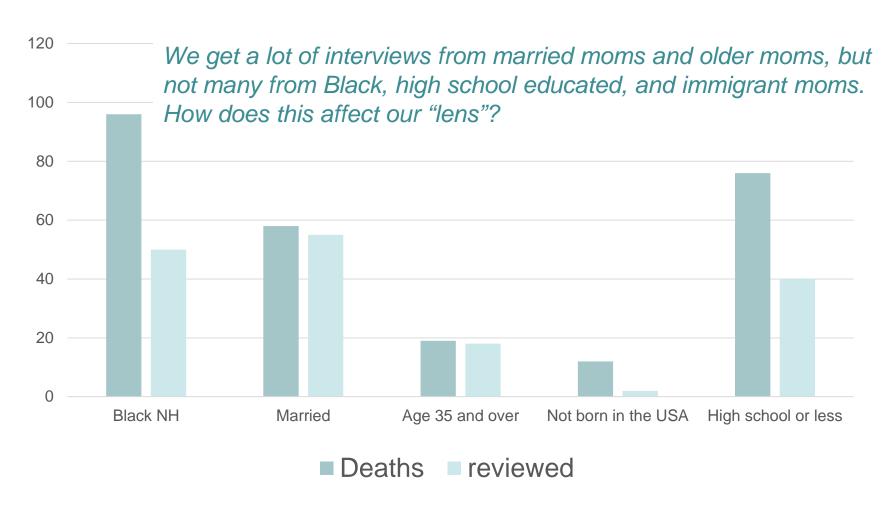
... not a random or representative sample, either. Much higher prevalence of risk factors.

Deaths and births are very different populations

(prevalence of risk factors in Jefferson County, AL)



FIMR case review samples (especially maternal interviews) are not usually 100% and those that respond are not representative of the population of deaths.





PPOR and FIMR PROCESSES ALIGN

PPOR Steps	Parallel Components	FIMR Steps
Community Engagement and Readiness.		Building Community Support
Data and Assessment (Analysis)		Collect Data (including parental interviews) and Review Cases (CRT)
Strategy, Planning and Implementation		Community Action Team (CAT) Translates Recommendations into Action
Monitoring and Evaluating		Monitor Implementation and Evaluate Results (CAT)

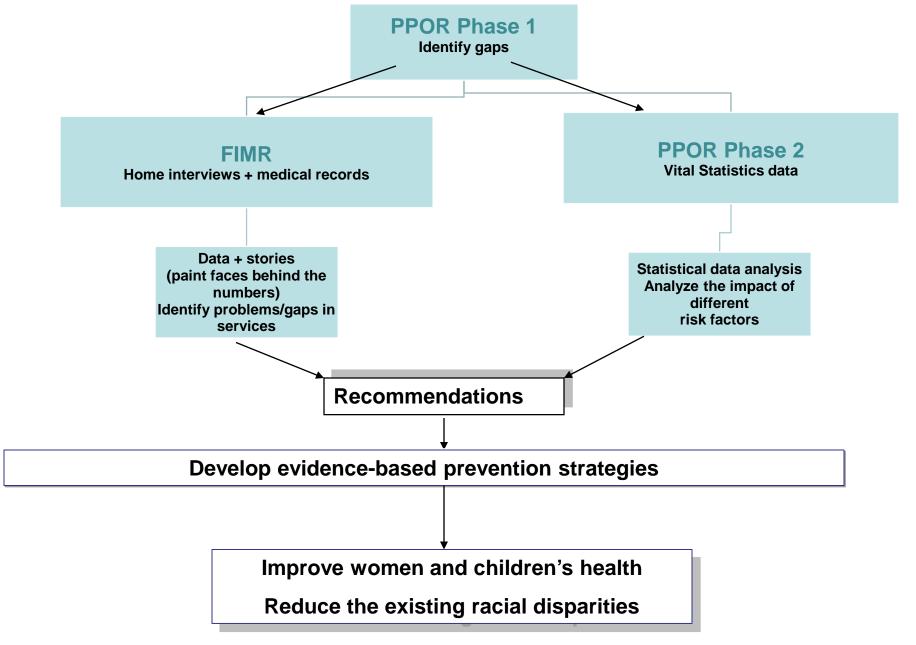
The Community Action Team is the PPOR Community group

 "Many communities already have a functioning group that has the characteristics necessary to fulfill the role of the CAT. ... It is most important not to form a new and separate FIMR CAT unless no other comparable group exists in the community ..."

--Fetal and Infant Mortality Review Manual: A Guide For Communities

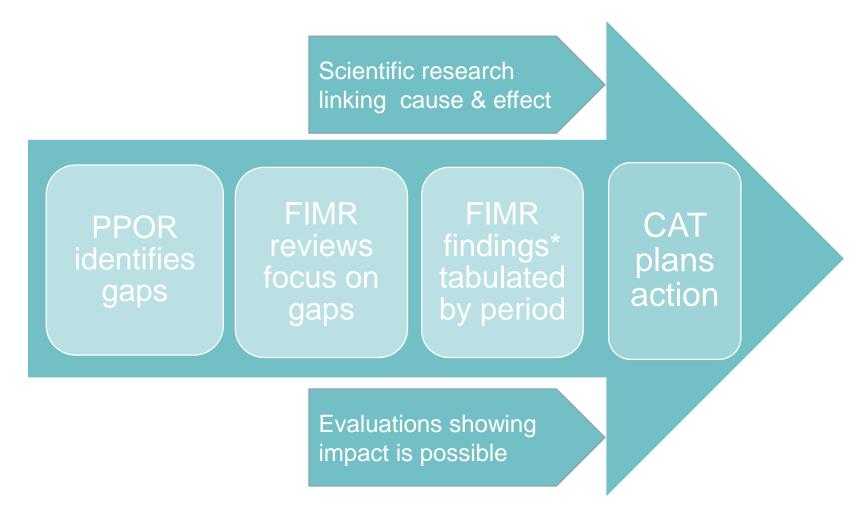
Kathy Buckley

Integrating PPOR, FIMR, and MCH Services



Adapted from Grigorescu, Louisville KY

Integrating PPOR and FIMR (common model for smaller populations)





FIMR and PPOR have complimentary strengths

Each process can <u>add value</u> to the other.

-Each <u>adds information</u> to the community's efforts to prevent infant deaths.





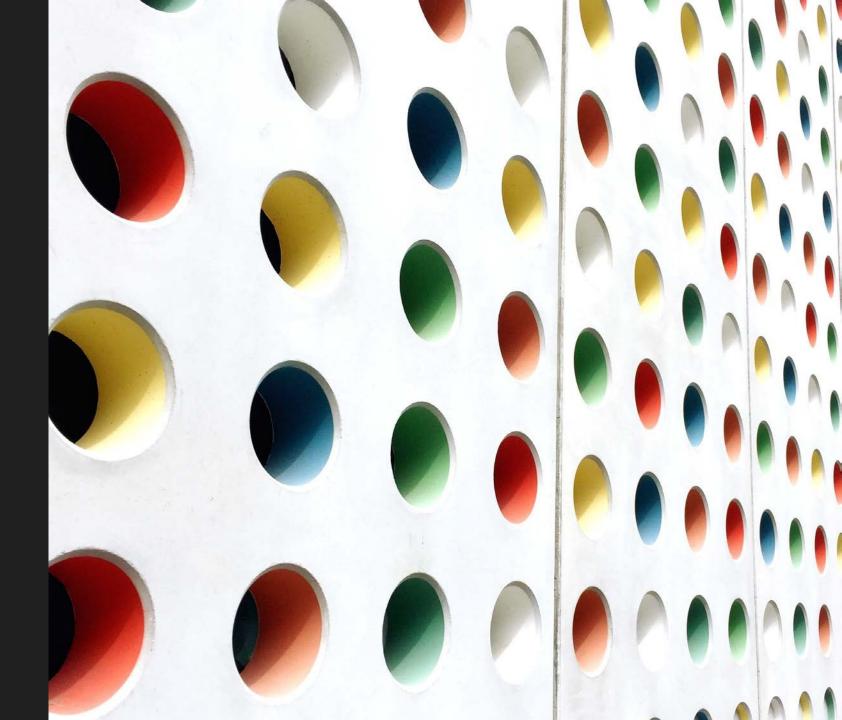
PPOR and FIMR each provide needed pieces of the puzzle.

Together they can improve community prevention efforts.

Fetal & Infant
Mortality Review
(FIMR) and
the Perinatal Period
of Risk (PPOR)

KELLI MCNEAL

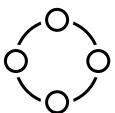






Goal

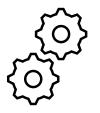




FIMR: Continuous Quality Improvement



Perinatal Period of Risk (PPOR) Model



Our Process

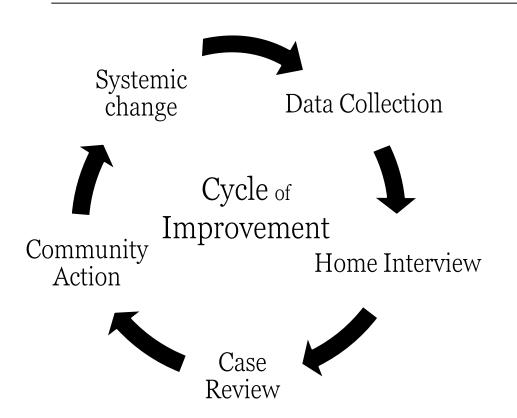


Outcomes

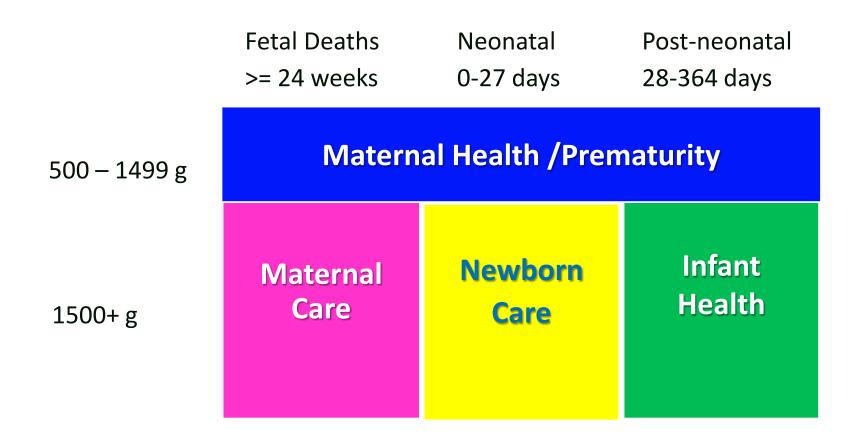


Northeast Western Central Southeast

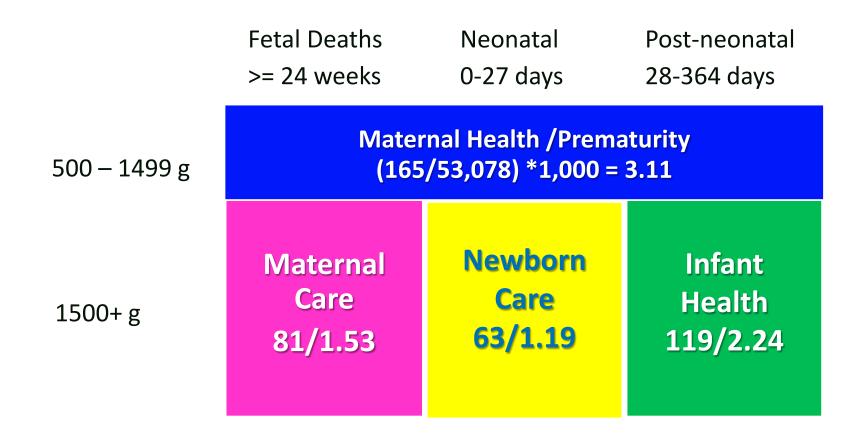
FIMR Model and Case Criteria



- Resident of Oklahoma, Cleveland, Canadian, Logan, or Pottawatomie Counties
- Fetal Demise or Live birth ≥ 24 Weeks Gestation
- Birth Weight ≥ 500 grams
- Infant passing away prior to 1 year of age
- No litigation associated with case



Perinatal Period of Risk (PPOR)
Maps Feto-Infant Deaths



PPOR Maps Feto-Infant Deaths: All Races (2016-2018)



Reference Group =



2014-2018 internal ref group

- Women with at least some college education
- 20-34 years of age
- Any race/ethnicity
- Resident of Canadian, Cleveland, Logan, Oklahoma or Pottawatomie County at the time of baby's birth

MH/P (2.68), MC (1.54), NC (0.95), IH (1.25)



Where we are at

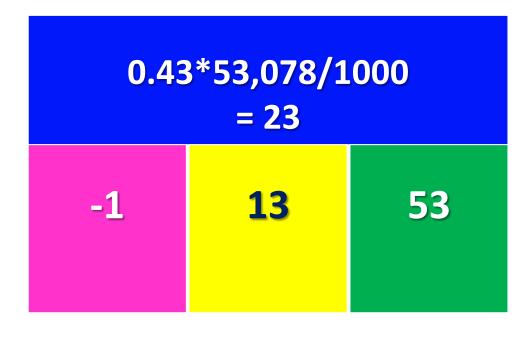
– Where we want to be

Number of babies we might have been able to save

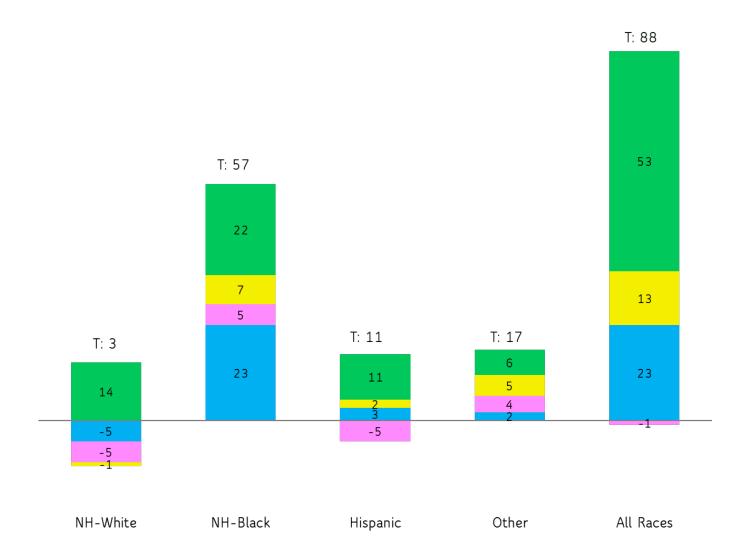


Number of Cases – Baseline = Excess Mortality

Estimated Excess Number of Deaths: All Races, 2016-2018



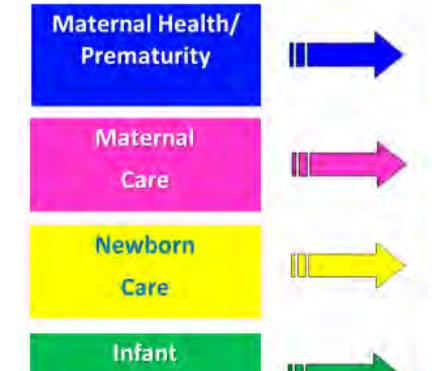
Overall estimated number of deaths (23-1+13+53)=88



Estimated Excess Number of Deaths by Race/Ethnicity 2016-2018







Health

Preconception Health, Health Behaviors, Perinatal Care, etc.

Prenatal Care, High Risk Referral, Obstetric Care, etc.

Perinatal Management, Neonatal Care, Pediatric Surgery, etc.

Sleep Position, Smoking, Injury Prevention, etc.

Data to Potential Action





Primary and specialist address pregnancy issue with every patient (Chronic Health)	Education for women with a history of pre-term labor/delivery on the need for progesterone in future pregnancies.	Contraception counseling	Social worker in OB/MFM offices	More/additional preconception health education	More education on importance of prenatal screening
Change the media message/approach when educating according to age group/different interests, i.e folic acid	More education and awareness on tobacco cessation for pregnant women Improve mental health and substance abuse services and interventions	Improve access to mental health services for pregnant women	Warning to women on the possibility of their infant having NAS if they use drugs/narcotics during pregnancy	Increase referrals to high- risk OB	Funding for Perinatal Hospice
Need for Perinatal hospice and grief counseling Access to genetic counseling	Increase referrals to genetic counseling services	Extend and expand Sooner Ride	More social workers in OB practice	Appropriate translation services in clinics and hospitals	Life Share to develop a more consistently compassionate approach when talking with families about organ donation · Support groups including online
Support groups including online	More support on establishing and scheduling appointments with Pediatricians	Safe Sleep awareness to include cribs for family members	Car seat education on safe sleep	Utilize more home visitation programs	Safe sleep education to caregivers
2016 CRT Recommendations	Free crib programs	Ability to make a referral to OCCY on cases that may warrant further action	Substance abuse testing at crime scene	Drill down root causes of anomalies	Greater need for mental health and substance abuse services

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Increase preconception More education and education on chronic health Better preconception Improved mental health Increase referrals to Preconception education / awareness on tobacco health/family planning referrals/management for Children First / Home conditions and medications cessation for pregnant birth spacing visitation programs services pregnant women taken by pregnant women women Increase promotion/education to hospitals and providers on resources for home Improved mental health More substance abuse Increase education about Need for Perinatal Hospice Funding for Perinatal referrals/management for treatment for pregnant substance use while and grief counseling Hospice caretaking of an infant visitation programs such as pregnant women women Parent Pro Giving general safety **Expand Transitions** education about Education on emergency Car safety for pregnant Network to provide more Midwife scope of practice in line with ACOG More pregnancy centered models pregnancy, ie wearing your women action/services/911 services for families leaving seatbelt, substances to the hospital avoid, etc. Improve follow up to those Safe sleep education to include Foster families (re-Infant safe sleep education-Working on cause of death families going home after Revised addition (changing Continue to educate on Infant CPR prenatal on autopsy bereavement/critically ill education with death or Unsafe sleep practices the way we message) (unknown/undetermined) child near miss) 2017 CRT Officer training in Zip codes versus specific Increase use of SUIDI SUIDI/Case Review Recommendations anomalies form presence or training

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Availability of more patient advocate services Increased education about tobacco Increase available home health services Improve access to early prenatal care cessation Increased screening and referrals for mental health issues Continue to promote safe sleep messages Revise safe sleep education, resources and messaging Continue to advocate for all police department to utilize the SUIDI form Create policy and /or education on joint response between DHS and Police when death occurs Better utilization/referrals for home visitation programs Recruiting more people to go into the nursing field to fill under staffing issues 2018 CRT Recommendations

Increased education about tobacco Availability of more patient advocate Increase available home health services Improve access to early prenatal care cessation services Increased screening and referrals for mental health issues Revise safe sleep education, resources and messaging Continue to advocate for all police department to utilize the SUIDI form Continue to promote safe sleep messages Create policy and /or education on joint response between DHS and Police when death occurs Recruiting more people to go into the nursing field to fill under staffing issues Better utilization/referrals for home 2018 CRT visitation programs Recommendations

NOW WHAT?

Time for our Community
Action Team to put it all
together!

- **✓** FIMR Data
- ✓ FIMR Recommendations
- ☑ PPOR Data
- PPOR Analysis
- ✓ Leaders understand the current environment
- **☑** Work Begins



Prematurity **Work Group**

Prematurity Domain includes both fetal and infant deaths that are between 500 and 1499 grams

A baby born before 37 weeks is considered premature. According to the March of Dimes, about one in every ten babies is born prematurely in the U.S. Premature babies typically have more health problems than an infant born full term and may need a longer hospital stay. Additionally, infants born prematurely may have long-term health problems that can affect their whole lives

Problem: The Perinatal Periods of Risk (PPOR) data reported that 64% of women who lost their infants during the Prematurity domain reported maternal infection during pregnancy

Issue: At least 40% of preterm hirths are associated with intrauterine infection. In individual cases it is often difficult to determine whether infection is the cause or consequence of the processes leading to preterm delivery. However, there is abundant evidence that infection and the inflammation generated by infection, whether within the gestational tissues or elsewhere, are a primary cause of a substantial proportion of preterm births

Source: Lamont RF. Infection in the prediction and antibiotics in the prevention of spontaneous preterm labour and preterm birth. BJOG. 2003;110(Suppl 20):71–5. [PupMed]

Strategy: Screen women for sexually transmitted infections (STI) when they receive a positive pregnancy test in order to reduce risk of preterm birth.

The Perinatal Periods of Risk (PPOR) data reported that 17.4% of women who suffered a loss

Issue: Women who have experienced a previous preterm delivery are at higher risk to have a subsequent preterm birth. Accessing services early in a pregnancy can be beneficial to detecting some underlying issues. However, far too often women experience a delay in access to services early in their pregnancy.

Empower women who have had a previous preterm birth to advocate for access to early services and educate them on related risk factors



Maternal Care Work Group

26%-No or late prenatal care

28%-Tobacco use

. 15%-Drug use

Maternal Care Domain includes fetal deaths that are stillborn veighing 1500 grams or greater

highlight the importance of improving the access to utilization of prenatal care services and referral for high-risk pregnancies. In addition, interventions should target overall health

Problem: The PPOR data has identified individual, social, economic and environmental factors effecting women in this domain. These included:

- 18%-Sexually transmitted infections
- 15%-Maternal education less than high school diploma
- 38%-Pre-pregnancy obesity

Issue: A woman's life circumstances play a major role in determining the health of her baby. Known as "social determinants of health" these circumstances include factors such as income and education level, social supports, physical environment and working conditions. For example, pregnant women with low income and education and few social supports may have poorer birth outcomes than pregnant women with higher incomes, education levels and strong social

Strategy: Support and increase the availability of social work services for pregnant women and

Problem: The data reveals that the number of pregnancies spaced at less than 18 months apart were significantly higher for every population group (Caucasian, African American and Hispanic)

Issue: According to the March of Dimes, birth spacing refers to the time from one child's birth until the next pregnancy. Pregnancies that start less than 18 months after a previous birth are associated with delayed prenatal care and adverse birth outcomes, including preterm birth. neonatal morbidity, and low birthweight. In the United States, between 2006 and 2010, about 33% of pregnancies among women with a previous live birth began less than 18 months after the prior birth, placing mothers and infants at risk for adverse health outcomes

Strategy: Educate families on the importance of planning and spacing their pregnancies.



Newborn Care

Work Group

infants that are born weighing

Problem. Conganital anomaliar are considered to be one of the ton three leading causes of infant mortality. Data from the PPOR shows that 72% of newborns within this domain were diagnosed with a birth defect

Issue: Half of all pregnancies in the U.S. are unplanned. This makes addressing preconception health very difficult. Although, the healthier a woman is when becoming pregnant the better chance she has for a healthy birth outcome. Given that Folic acid has been proven to decrease the incidence of certain birth defects, any woman of child-bearing age should be taking the supplement on a daily basis.

Strategy, Increase the number of child-bearing aged women taking daily vitamins including at least 400 mcg of Folic acid to reduce birth defects.

Problem: Data from the PPOR shows that over 13% of the newborns within this domain were exposed to illicit drugs prenatally. This does not account for the regular prescribed use of opioid medications during pregnancy

Issue: Studies have consistently shown prescription opioids are among the most commonly prescribed medications and the prevalence of use is increasing among pregnant women. Potential harms associated with prescription opioid use, during pregnancy, include poor fetal growth, preterm birth, birth defects, and neonatal abstinence

Strategy: Decrease the number of women taking prescription opioids during pregnancy in order to reduce associated risks to the newborn including Neonatal Abstinence Syndrome.



Infant Health

infants that are born weighing 1499 grams or greater and live between 28-364 days of life.

Problem: The data reveals that 63% of the infants that fall within this domain, unsafe sleep

Issue: Educating families on the risks associated with creating an infant safe sleep environment has been challenging. Over the last several years, FIMR and many of our partners have been successful in educating a wide array of professionals on the importance of infant safe sleep However, there remains a disconnect for families ability to identify infant safe sleep as a risk for

Strategy: Develop new education and awareness campaigns with targeted messages on the risks associated with sleep-related deaths.

Tobacco usage is the single most preventable risk factor associated with infant loss and is

Issue: There is no risk-free level of exposure to second-hand smoke. Second hand smoke can contribute to numerous health problems in infants including respiratory infections, asthma, ear infections, and is a leading factor in the risk for SIDS/SUID. FIMR data showed that 61% of According to the CDC chemicals in tobacco smoke appear to affect the brain in ways that regulate an infant's breathing. As well, infants who died from SIDS/SUID had higher levels of nicotine in the lungs and blood as infants who died from other causes.

Reduce the number of infants who are exposed to second and third hand smoke

You Guessed It! Work Groups Established by PPOR

Perinatal Period of Risk (PPOR) Priorities Developed

Prematurity:

- Screen women for sexually transmitted infections (STI) when they receive a positive pregnancy test in order to reduce risk of preterm birth.
- Empower women who have had a previous preterm birth to advocate for access to early services and educate them on related risk factors.

Maternal Care

- Support and increase the availability of social work services for pregnant women and their families.
- Educate families on the importance of planning and spacing their pregnancies.

Newborn Care

- Increase the number of child-bearing aged women taking daily vitamins including at least 400 mcg of Folic acid to reduce birth defects
- Decrease the number of women taking prescription opioids during pregnancy in order to reduce associated risks to the newborn including Neonatal Abstinence Syndrome.

Infant Health

- Develop new education and awareness campaigns with targeted messages on the risks associated with sleep-related deaths.
- Reduce the number of infants who are exposed to second and third hand smoke.





FIMR Priorities

SCREENING WORK GROUP

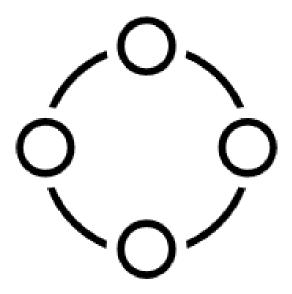
Screen women for sexually transmitted infections (STI) when they receive a positive pregnancy test to reduce risk of preterm birth.

EDUCATION WORK GROUP

- Empower women who have had a previous preterm birth to advocate for access to early services and educate them on related risk factors.
- Educate families on the importance of planning and spacing their pregnancies.
- Increase the number of child-bearing aged women taking daily vitamins including at least 400 mcg of Folic acid to reduce birth defects

SAFE SLEEP WORK GROUP

- Develop new education and awareness campaigns with targeted messages on the risks associated with sleep-related deaths.
- Reduce the number of infants who are exposed to second and third hand smoke.



Statewide Issues

- Support and increase the availability of social work services for pregnant women and their families.
- Decrease the number of women taking prescription opioids during pregnancy to reduce associated risks to the newborn including Neonatal Abstinence Syndrome.







Outcomes

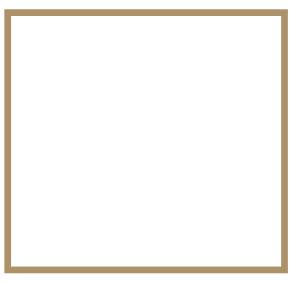
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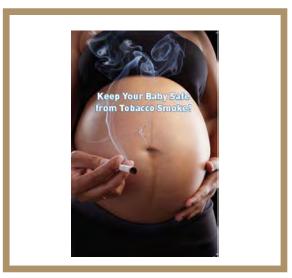


Outcomes

SAFE SLEEP WORK GROUP

- Develop new education and awareness campaigns with targeted messages on the risks associated with sleep-related deaths.
- Reduce the number of infants who are exposed to second and third hand smoke.













Outcomes

Infant Mortality Alliance www.infantmortalityalliance.org

QUESTIONS

WHAT ADDITIONAL INFORMATION WOULD BE HELPFUL?





USE THE QUESTION AND ANSWER BOX

The box is located at the bottom of the screen



UNANWSERED QUESTIONS

All unanswered questions will be answered and posted on the National Center's website (URL: www.ncfrp.org).



EVALUATION

https://www.surveymonkey.com/r/32BRMMX









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THANK YOU FOR YOUR TIME!

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