IMAC Population Health Framework Moving Forward

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Director, Bureau of Family Health Services
Housekeeping

• Thank you WSU!

• Bureau of Family Health Services
  • Division of Maternal Infant Health – Brenda Fink
  • Division of Child and Adolescent Health – Carrie Tarry
  • Division of WIC – Stan Bien
  • Division of Immunizations – Bob Swanson

• New Infant Mortality Reduction Coordinator – Alberta Griffin
Introduction

• Population Health Framework Moving Forward
  • From Concept to Boots on the Ground
  • Prioritizing Goals and Aligning Goals

• IMAC Role

• IMAC Execution
  • Community Work
IMAC functionality

• Participation agreement
  • Attend Council meetings in person at least three times a year and/or participate via webinar
  • Participate in additional workgroups as needed or appropriate based on my area of expertise and/or interest
  • As a professional, parent(s) and/or community member, I will advocate for IMRP initiatives within my community.
IMAC functionality

• IMAC held regionally
  • Purpose is to connect to regional collaboratives and regional work to the IMAC

• Standing agenda items
  • Regional update
  • Learning collaboratives
  • Meeting Evaluation

• Annual Review of Data and Prioritization of Goals
  • Align the Work
  • FY 17 Goals
**Framework**

**AMCHP’s**

**Health Impact Pyramid**

**Tier 1: Addressing Socioeconomic Factors**
Address fundamental social conditions

**Tier 2: Changing the Context**
Change the environmental context to making healthy choice becomes the easy choice

**Tier 3: Protective, Long-Lasting**
Offer long-lasting protection to individuals

**Tier 4: Ongoing Clinical Interventions**
Evidence-based practices within clinical settings

**Tier 5: Education and Counseling**
Individual or public educational messages and support

**Domains for Improving Birth Outcomes**

1. Implement Health Promotion Efforts
2. Ensure Quality of Care for All Women and Infants
3. Improve Maternal Risk Screening for All Women of Reproductive Age
4. Enhance Service Integration for All Women and Infants
5. Improve Access to Health Care for Women Before, During and After Pregnancy
6. Develop Data Systems to Understand and Inform Efforts *(i.e., infrastructure development)*
7. Promote Social Equity

Goal 1: Promote health equity

Goal 2: Implement Perinatal Care System

Goal 3: Support the health women and girls

Goal 4: Support the number of infant who thrive

Goal 5: Reduce sleep related deaths;

Goal 6: Increase home visiting

Goal 7: Support the health women and girls

Goal 8: Reduce unintended pregnancies;

Goal 9: Promote behavioral health services
### FY17 Michigan IMRP Statewide Work Plan/Activity Log

#### Goal 5: Reduce Sleep Related Infant Deaths and Disparities

<table>
<thead>
<tr>
<th>Projects/Activities</th>
<th>Description</th>
<th>Metric(s) or Data Process or Outcome Data (Y/N/in-progress)</th>
<th>Desired Outcome(s) *if Available</th>
<th>Timeline (on-going, initiating end date)</th>
<th>Geographic Location</th>
<th>Key Contact including organizations and contact info</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Michigan Infant Safe Sleep Plan</td>
<td>Michigan’s strategic statewide infant safe sleep plan was recently updated for FY 17, with input from Michigan Infant Safe Sleep Advisory Committee. The SS Advisory Committee helps oversee the implementation of the safe sleep plan and its outcome. The SS Steering Team provides project management.</td>
<td></td>
<td></td>
<td>Statewide</td>
<td></td>
<td>Jeff Spitzley, Manager, Infant Health Unit, MI Dept. of Health and Human Services <a href="mailto:spitzley2@michigan.gov">spitzley2@michigan.gov</a> 517-335-6131</td>
<td>Michigan Health Endowment Fund has newly a 2-year grant for taking a systems approach</td>
</tr>
<tr>
<td>2. Michigan Infant Safe Sleep: A Systems Approach A systems approach</td>
<td>Grant award intended to accomplish the following: a. Develop and implement effective messaging and methodologies. b. Increase the number of trained partners who provide safe sleep education. c. Increase the number of trained partners who provide safe sleep education. d. Develop and implement a continuous quality improvement process. e. Impact existing infrastructure resources.</td>
<td></td>
<td></td>
<td>Eventually Statewide</td>
<td></td>
<td>Jeff Spitzley</td>
<td></td>
</tr>
<tr>
<td>3. Develop and Implement Public Awareness Campaign</td>
<td>Determining where to run ads based on numbers of infant deaths and funding and which ads are most appropriate Educational material development and distribution</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Jeff Spitzley</td>
<td></td>
</tr>
<tr>
<td>4. Train all MDHHS Child Welfare Staff on Safe Sleep</td>
<td>Michigan CDR Staff travel statewide to local HHS offices to train all CW staff on safe sleep and how to talk with families about practicing safe sleep.</td>
<td></td>
<td></td>
<td>Ongoing</td>
<td>Statewide</td>
<td>MPHil/Kim Pickett</td>
<td></td>
</tr>
<tr>
<td>5. Disseminate Sleep Related Death Data to local</td>
<td>Utilizing the CDC SUID Case Registry data prepare state and local fact sheets</td>
<td></td>
<td></td>
<td>Ongoing</td>
<td>Statewide</td>
<td>MPHil/Lindsay Gross</td>
<td></td>
</tr>
</tbody>
</table>

*ADD METRICS AND DESIRED OUTCOMES ONLY IF AVAILABLE*
Regional QI Projects

- Southeast Michigan Perinatal Quality Improvement Coalition (Region 10)
- West Michigan Perinatal Alliance (Region 4)
- Perinatal Regional Collaborative Network (Regions 2 & 3)
- Initial phases (Region 8)
Community of Practice Webinar Purpose

• MDHHS in collaboration with Institute for Health Policy (IHP) at MSU
• The primary focus for these webinars are to share ideas from one community to the next and demonstrate lessons learned.
• The overall goal is connect and align those working to reduce infant mortality across Michigan so that resources can be exchanged in order promote the IMRP.
  • Moving Forward – Develop on-line Communities
## Community of Practice Webinars

### 2017 Community of Practice Webinars Infant Mortality Reduction Plan

<table>
<thead>
<tr>
<th>Infant Mortality Reduction Plan Topic &amp; Speaker</th>
<th>Tentative Date and Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Achieve health equity and address social determinants of health in all goals and strategies</td>
<td>January 30 12:30-1:30pm</td>
</tr>
<tr>
<td>2 Implement a Perinatal Care System (PCS)</td>
<td>February 21 1-2pm</td>
</tr>
<tr>
<td>3 Reduce Premature Births LBW</td>
<td>March 24 1-2pm</td>
</tr>
<tr>
<td>4 Support increasing the number of infants who are born healthy and continue to thrive</td>
<td>April 25 1-2pm</td>
</tr>
<tr>
<td>5 Reduce sleep related infant deaths and disparity</td>
<td>May 26 1-2pm</td>
</tr>
<tr>
<td>6 Expand home visiting and other support programs to promote healthy women and infants</td>
<td>June 20 1-2pm</td>
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<tr>
<td>7 Support better health status of women and girls</td>
<td>September 22 1-2pm</td>
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<tr>
<td>8 Reduce unintended pregnancies</td>
<td>October 24 1-2pm</td>
</tr>
<tr>
<td>9 Promote behavioral health services and other programs to support vulnerable women and infants</td>
<td>November 18 1-2pm</td>
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</tbody>
</table>

To view/connect to the webinar presentation, click here: https://connectpro14871085.adobeconnect.com/cop/

To listen only, dial:
US (Toll Free): 1-888-850-4523
Access Code: 170018
Learning Collaborative

• MDHHS with collaboration from IHP and consultant from the Institute for Healthcare Improvement

• Learning collaborative framework used for Goal 3: Reduce Prematurity and Low Birth Weight

• Purpose: 10- to 12-month programs designed for organizations committed to achieving sustainable change within a specific topic area.
  • Through shared learning, teams from a variety of organizations work with each other and faculty to rapidly test and implement changes designed to bring about sustained improvement.
  • The goal is to build collaboration and to support the teams/local communities.
Learning Collaborative

- Six teams joined the first Learning Collaborative
  - Oakland County Health Department
  - Regional Health Alliance – Battle Creek
  - Hurley Hospital
  - McLaren Health Plan
  - Institute for Population Health - Detroit
  - Muskegon County Public Health Department
- The majority of teams are focusing on referrals to the Quit line for pregnant women
- During the in-person learning collaborative days content experts presented information improving their processes & teams shared their success and their barriers
Learning Collaborative

• Timeline:
  • Summer ‘16 – Webinars to introduce QI Learning Collaborative Process
  • Fall ‘16 – started webinars dedicated Goal #3
  • In-person Learning Collaborative September 16th
  • Webinars October & November
  • 2nd In-person Learning Collaborative December 2nd
  • Ongoing webinars
  • Next in-person day March 17th
  • Teams will present at the May IMAC meeting
• The first Learning Collaborative will end Spring ’17
• Second round starting in Summer ‘17
IHI Model of Improvement

- What are we trying to accomplish?
- How will we know that a change is an improvement?
- What changes can we make that will result in improvement?

Act → Plan → Study → Do → Act
Making the QI Model Count

1. Evidence Based
2. Data Driven
3. Scalable
4. Sustainable
Learning Collaborative Team

- Muskegon County Public Health – Muskegon Knowsmoke
- Aim statement: Decrease the percent of WIC & CHW pregnancy clients reporting perinatal tobacco & cigarette use by 5% by July 2017
- Lessons Learned:
  1. Need to understand what IS happening before you can address issues (we didn’t know our own processes)
  2. Data may not be as easy to get as you think!
  3. Failures are successful QI cycles. You learn a lot from failure.
Cystic Fibrosis Lessons Learned

- Improvement in cystic fibrosis (CF) outcomes over the past 50 years has been dramatic.
- Opinion in Pediatrics
  - Power of QI Work
  - Aligned evidenced-based work
- This article describes the factors that have contributed to the recent acceleration in this improvement and the important role of the Cystic Fibrosis Foundation.
Objective

• Prioritizing goals between communities and state programs

• Prioritize goals for FY ’17
  • Goal #2: Perinatal Care System
  • Goal #3: Reduce Prematurity and Low Birth Weight
  • Goal #7: Improve health of women and children

• August meeting will prioritize goals for FY ‘18
Priorities moving forward
Thank you!

• Questions?
• Comments!