



# PRAMS

PREGNANCY RISK ASSESSMENT MONITORING SYSTEM

## PRAMS Data to Action/Success Stories Template

This template is intended for use by PRAMS sites to describe the impact of their data collection and dissemination activities. The form aims to collect **detailed** information in a format that is conducive to creating a success story. Each section in the template is followed by a self-check, which outlines relevant criteria that should be addressed in that section.

### 1. DATA TO ACTION/SUCCESS STORY TITLE:

Prenatal Substance Use in Wyoming: Evidence and Impact

### 2. PROBLEM OVERVIEW: BRIEFLY DESCRIBE THE PUBLIC HEALTH PROBLEM THAT WAS ADDRESSED IN THIS DATA TO ACTION EXAMPLE/SUCCESS STORY.

Prenatal Substance Use is a common and modifiable risk factor associated with adverse pregnancy outcomes. This webinar addressed the epidemiology of prenatal substance use (tobacco, alcohol, marijuana, and other drugs) and the impact of substance use on fetal development and infant health.

### 3. PRAMS DATA USED: LIST THE TOPICS AND YEARS OF PRAMS DATA THAT WERE USED

2016 PRAMS data was paired with Vital Records Data (2009 to 2016) to present a complete picture of prenatal substance use in Wyoming.

### 4. PARTNERS AND PLAYERS: WHO WERE THE COLLABORATORS?

Three collaborators from the Wyoming Department of Health (The Maternal and Child Health Epidemiology Unit; the State Health Officer/Public Health Sciences Section, and the Behavioral Health Division) partnered with the University of Wyoming Project ECHO to present a webinar to a varied audience across the State of Wyoming.

### 5. DATA TO ACTION/SUCCESS STORY NARRATIVE: WHAT HAPPENED?



Following a PRAMS informational presentation (February 2018) to the Wyoming Department of Health's Behavioral Health Division, an invitation was extended to present a webinar about PRAMS data pertaining to substance use. This presentation was to be part of the University of Wyoming Project ECHO series; regularly scheduled webinars that bring educational opportunities to behavioral health providers throughout Wyoming ranging from Naloxone prescribing to information about Wyoming's prescription drug monitoring program.

The webinar was scheduled for June 2018. A combination of PRAMS data (2016) and Wyoming Vital Records Data (2008-2016) were used to illustrate the link between substance use and birth outcomes in Wyoming. Included under substance use was: tobacco, E-Cigarettes and other electronic nicotine products; alcohol; and drug use before pregnancy.

Alexia Harrist, MD, PhD, joined Dr. Chesnut for this presentation, providing a pediatrician's expertise to the pathophysiological impact of teratogens on the developing fetus and neonate. Data about Wyoming rates of low birthweight, prematurity, and neonatal abstinence syndrome were presented.

The presentation concluded with public health strategies to address prenatal substance use.

**6. OUTCOMES & IMPACT: HOW IS LIFE DIFFERENT AS A RESULT OF THE ACTIVITY? THIS IS THE MOST CRITICAL PIECE OF THE STORY. \*SHORT-TERM AND \*INTERMEDIATE OUTCOMES MUST BE DOCUMENTED.**

**A. \*SHORT-TERM OUTCOMES: This includes early outputs of the process such as relevant publications, meetings with stakeholders and other MEASURABLE products or activities:**

An evaluation of the presentation was very positive with 79% of the respondents reporting that the training was useful; 79% reporting that the professional development training was relevant; and 86% agreeing that the learning objectives were met. Ninety-three percent (93%) said that they planned to share information from the presentation; the majority with colleagues at work.

Another measure of positive qualitative feedback was the comment received following the presentation by the Clinical Services Unit Manager: *"...truly, truly hit it out of the ballpark! Feedback from our staff is that it was the best Behavioral Health ECHO session yet. We're excited by the possibility of expanding upon their initial presentation to provide further educational opportunities to our system partners."*

Behavioral Health Division staff reported that among those listening to the webinar were hospital partners who did not typically participate in this webinar series. This presentation also helped to accelerate activities pertaining to prenatal substance use, particularly opioid use during pregnancy, within the MCH Unit and pulled in a number of partners across the Public Health Division.

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- B. \*INTERMEDIATE OUTCOMES: This includes RESULTS of the short-term outcomes—what did those products or activities lead to? For example, a media campaign was launched, legislation was introduced and passed, a new program was funded, a program was changed to better address client needs, etc.**

Several months after the webinar, a request for prenatal substance use educational materials using PRAMS data was sent over the national PRAMS listserv. Wyoming responded with information about this webinar (and accompanying resources) and offered to send it to interested states. A total of seven states requested the presentations and resource materials: Iowa, New Hampshire; New Mexico; Nevada; Oregon; Texas; and Vermont. Sara Riordan, PRAMS Project Coordinator for the State of New Hampshire wrote that they would like to share the presentation with their state Perinatal Substance Exposure Task Force as a way to illustrate collaboration around this issue. Wyoming was pleased to share the Project ECHO presentation.

- C. LONG-TERM OUTCOMES: This includes the measurable changes in the behaviors or health outcomes of the target population. Such changes may be difficult to directly attribute to the efforts described in the intermediate impact, but efforts should be made to monitor and evaluate the activities that are implemented.**

TBA

## **7. STORY ABSTRACT: PROVIDE A SHORT 1-2 PARAGRAPH SUMMARY OF YOUR STORY AND THE OUTCOMES**

After an introduction to Wyoming PRAMS data about substance use during pregnancy, Wyoming’s Behavioral Health Division invited Wyoming PRAMS to present results as a part of their Project ECHO series; coordinated by the University of Wyoming and reaching partners statewide. The webinar entitled “Prenatal Substance Use in Wyoming: Evidence and Impact” was scheduled for June 2018.

During this presentation, a combination of PRAMS data (2016) and Wyoming Vital Records Data (2008-2016) were used to illustrate the link between substance use and birth outcomes in Wyoming. Through this activity, partnerships have been enhanced between two Divisions: Wyoming Public Health and Wyoming Behavioral Health who are now collaborating on a number of opioid-related activities.

## **8. CHECK IF ANY OF THE FOLLOWING ARE BEING SUBMITTED TO COMPLEMENT YOUR STORY: (CHECK ALL THAT APPLY)**

- Testimonials
- Quote from Partner/Participant
- Sample of Materials Produced
- Press Release
- Promotional Materials

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- Photo(s) of Project
- Video/Audio Clip
- Other (Explain:            )

**9. HOW WOULD YOU CATEGORIZE THE DATA TO ACTION EXAMPLE/SUCCESS STORY?  
(CHECK ALL THAT APPLY)**

- Appropriation of funds
- Policy change
- New program started
- Existing program revised
- Increased visibility for an organization, program or issue
- Capacity building of an organization or group
- Other Obstetric Provider Support and Education

**10. CONTACT INFORMATION:**

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**12. PRAMS Program PI:** Joseph Grandpre, PhD, MPH  
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