INTRODUCTION TO THE PREGNANCY RISK ASSESSMENT MONITORING SYSTEM (PRAMS)

Understanding PRAMS and step-by-step instructions on how to access research files.
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BACKGROUND

• Pregnancy Risk Assessment Monitoring System is a CDC and state health department surveillance project

• Collects maternal attitudes and experiences before, during, and shortly after pregnancy

• State-specific, population-based data

• Covers 83% of all US births
ABOUT PRAMS

Developed in 1987

Created to reduce infant morbidity and mortality by influencing behaviors before, during and immediately after pregnancy

Ongoing surveillance system that identifies groups of women and infants at high risk

Monitors changes in health status and measures progress towards goals improving the health of mothers and infants
WHY PRAMS?

- State health officials use the data to improve the health of mothers and infants
- CDC monitors changes in maternal and child health indicators
- Enhances birth certificate data for maternal and infant health programs by state
- Sample is chosen from all women who gave birth, so findings are applicable to all such women in the state
- Allows comparison among states
WHO USES PRAMS?

Researchers
- Learn about new issues in maternal child health

State and local health departments
- Policy planning around health problems, birthing and mothers

State agencies
- Determine what entities contribute to maternal and child health programs for partnership
Phases 1 is the original questionnaire then Phase 2 included revisions.

Phase 3 was a collaboration between the CDC and participating states. Standard questions in Phase 3 are of interest across multiple states. This allows for data collection using uniform indicators across multiple topics. There are over 200 standard questions that states can choose to include on their surveys.
State-developed questions cover topics for which there are no standard questions.

Phase 4 changed the questionnaire formatting to help differentiate questions.

There were no major revisions since phase 4.
## PRAMS SURVEY QUESTION TOPICS

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<th>Topic</th>
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<td>• Attitudes and feelings about the most recent pregnancy</td>
<td>• Preconception care</td>
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<td>• Content of prenatal care</td>
<td>• Medicaid and WIC participation</td>
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<td>• Breastfeeding</td>
<td>• Cigarette smoking and alcohol use</td>
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<td>• Health insurance coverage</td>
<td>• Physician abuse</td>
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<td>• Infant health care</td>
<td>• Contraceptive use</td>
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SURVEY SUPPLEMENTS

Supplements may be added to the questionnaires between Phases in states that are interested in doing so.

- They are included for a short period of time
- Focused on an emerging topic of concern
- Allow for rapid data collection
- Most recently done for Zika virus in Puerto Rico
Sample is drawn from the state’s birth certificate file

Between 1,300 and 3,400 women participate per year

Women in smaller but high-risk populations are sampled at a higher rate to collect enough data

Primary contact is by mail

If there is no response, women are called on the phone

Procedures are standardized to allow comparison between states
Follow these steps to access the 2016-2017 health indicators for a state.

1. Navigate to site
2. 2016-2017 Health Indicators
3. Choose state
Google “PRAMS” or go to “cdc.gov/prams/index.htm”
FIND 2016-2017 MATERNAL CHILD HEALTH INDICATORS DATA

Under “Selected Maternal and Child Health (MCH) Indicators 2016-2017”, click “Data table with selected indicators from 2016-2017”. Note: 2018 data is currently only available upon special request.
FIND 2016-2017 MATERNAL CHILD HEALTH INDICATORS DATA

Scroll down to find the state you want to view and select.
The data collected for the 2016-2017 data cycle for Nebraska opened as a PDF in a new tab. The far-left column lists the health indicator, then the sample size, then the weighted percent and 95% CI for 2016, followed by the overall for 2017. Note: The Overall 2017 column is an aggregate percent of all the states that participated. It is not only the state you selected to view.
HOW TO REQUEST DATA

To begin the process of obtaining PRAMS data from multiple states or the most recent year, researchers may submit an application form and abstract to the CDC PRAMS team.

Navigate to site  Researchers tab  Proposal submission
NAVIGATE TO SITE

Google “PRAMS” or go to “cdc.gov/prams/index.htm”
Scroll down and select the tab “For Researchers”.

RESEARCHERS TAB
Click on “Proposal Guidelines”.

Are PRAMS data available to outside researchers?

Yes. Researchers may for studies that involve multiple states by submitting a proposal to CDC. The submission process is outlined below. Please refer to the Proposal Guidelines for more detailed instructions.

Proposal submissions must include:

1. PRAMS Application Form
2. Project Abstract of 350 words or less.
3. Signed Data Sharing Agreement (including signatures of all authors).

PRAMS 2018 Data Available

• Proposal reviews are conducted once a month, on the 1st of the month. Proposals received after the 1st will be reviewed on the first day of the following month.
• Submission should be a single pdf document including: the application form, abstract, and data sharing agreement. Incomplete submissions will be returned without review.
Scroll down to page 3 and review the materials listed in the application process. Then close out of the new tab.
Click on the “PRAMS Application Form”.

Are PRAMS data available to outside researchers?

Yes. Researchers may for studies that involve multiple states by submitting a proposal to CDC. The submission process is outlined below. Please refer to the Proposal Guidelines [PDF – 109KB] for more detailed instructions.

Proposal submissions must include:

1. PRAMS Application Form [PDF – 247 KB]
2. Project Abstract of 350 words or less.
3. Signed Data Sharing Agreement [PDF – 34KB] (including signatures of all authors).

Proposal reviews are conducted once a month, on the 1st of the month. Proposals received after the 1st will be reviewed on the 1st of the following month.

Submission should be a single pdf document including: the application form, abstract, and data sharing agreement. Incomplete submissions will be returned without review.
Pages 1 and 2 of the application form include contact information and basic information about the submission. Note: Explanation and instruction can be found on page 3.
Pages 3 and 4 gives instruction on contact and submission information.
Note: special considerations that should be made around requests for specific years, states and variables are outlined on page 4 of the application form.
Your proposal must also include a signed copy of the data sharing agreement.
DATA SHARING AGREEMENT

Fill in the name of the principal investigator and project.
DATA SHARING AGREEMENT

Scroll down to fill in the name of the principal investigator, title, organization, signature and date. Also, include the name, signature and date for each of the collaborators, then save to send with the application.

All materials go to PRAMSProposals@CDC.gov
If you have any questions related to the content of this presentation, or have noticed that this presentation needs to be updated due to changes in the format of the PRAMS website, please contact Erin Johnson at erinl.johnson@unmc.edu.