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

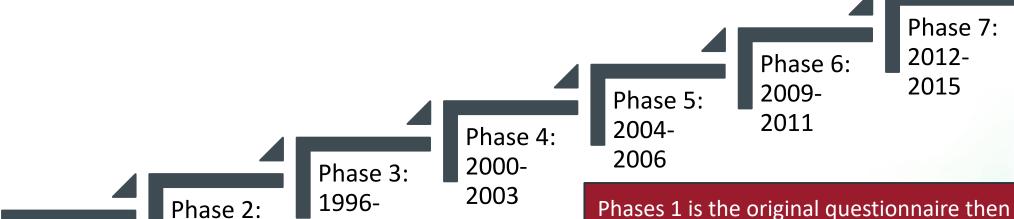
 Policy planning around health problems, birthing and mothers

State agencies

 Determine what entities contribute to maternal and child health programs for partnership



PRAMS OVER TIME



1999

1990-

1995

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.



Phase 1:

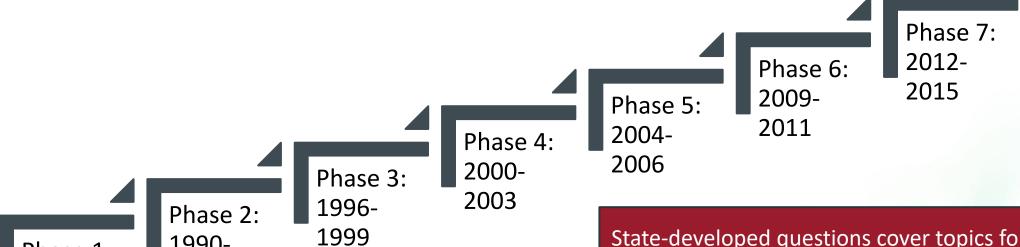
1988-

1989

Phase 8:

2016-

PRAMS OVER TIME



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.



Phase 1:

1988-

1989

1990-

1995

Phase 8:

2016-

PRAMS SURVEY QUESTION TOPICS

 Attitudes and feelings about the Preconception care most recent pregnancy Content of prenatal care Medicaid and WIC participation Cigarette smoking and alcohol Breastfeeding use Health insurance coverage Physician abuse Infant health care • Contraceptive use



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



METHODOLOGY

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



STEPS TO ACCESS REPORTS

Follow these steps to access the 2016-2017 health indicators for a state.

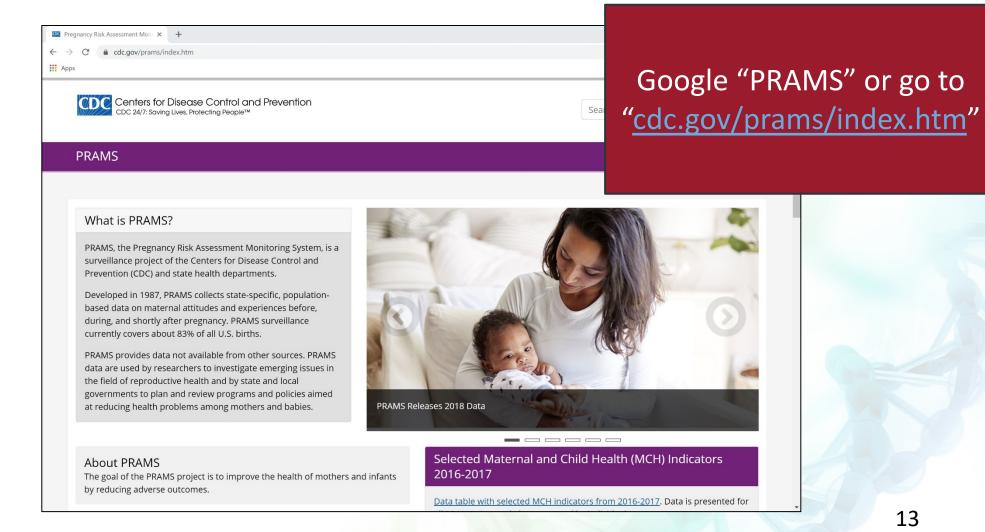
Navigate to site

2016-2017 Health Indicators

Choose state

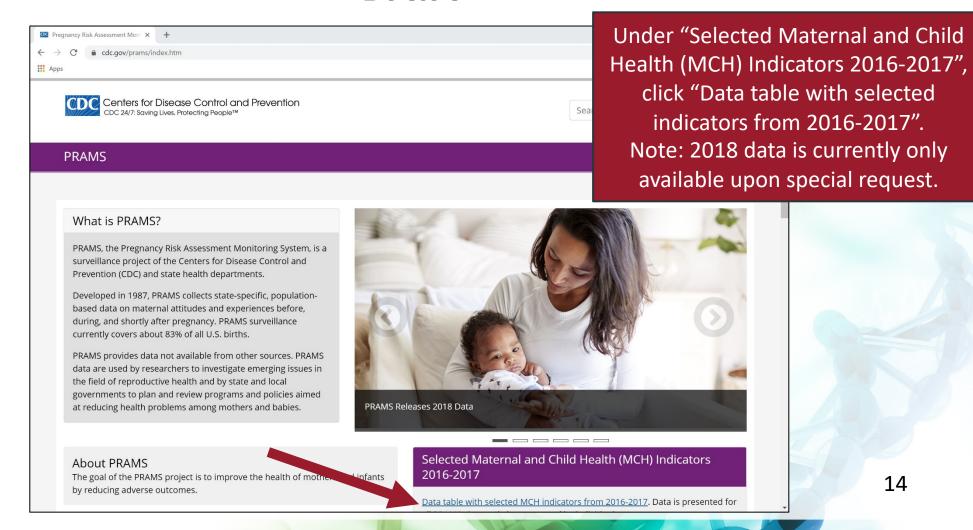


NAVIGATE TO SITE



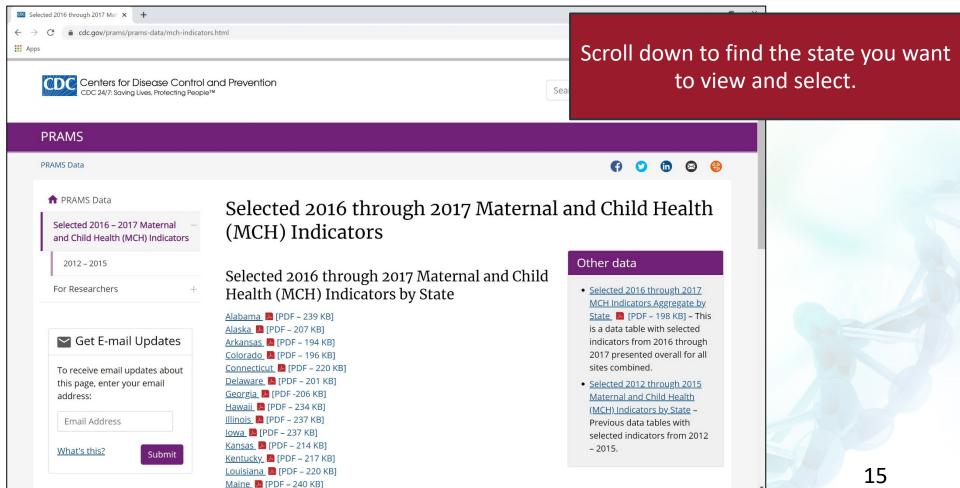


FIND 2016-2017 MATERNAL CHILD HEALTH INDICATORS **DATA**





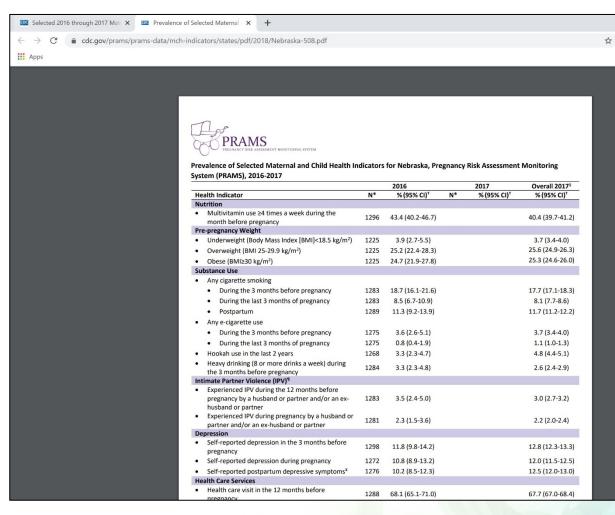
FIND 2016-2017 MATERNAL CHILD HEALTH INDICATORS **DATA**





FIND 2016-2017 MATERNAL CHILD HEALTH INDICATORS

DATA



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.

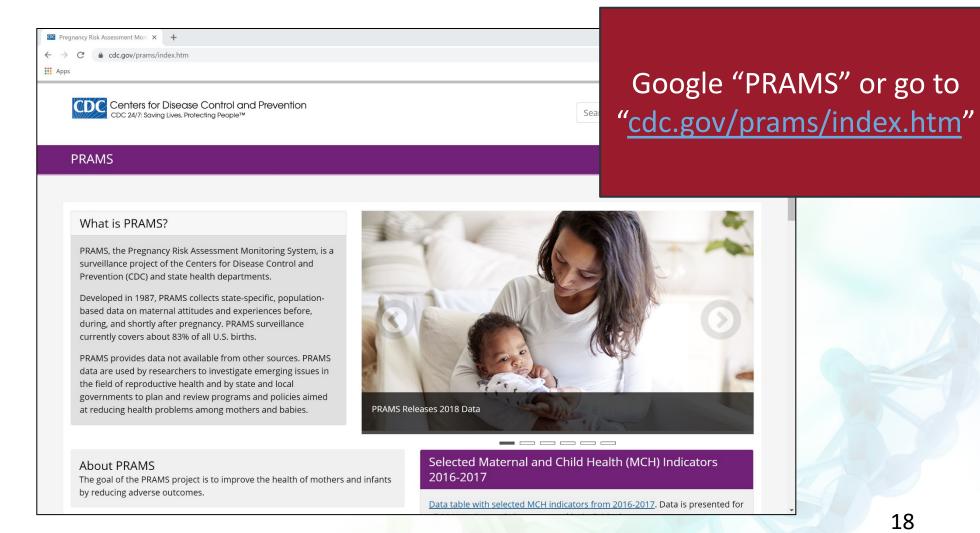
Navigate to site

Researchers tab

Proposal submission

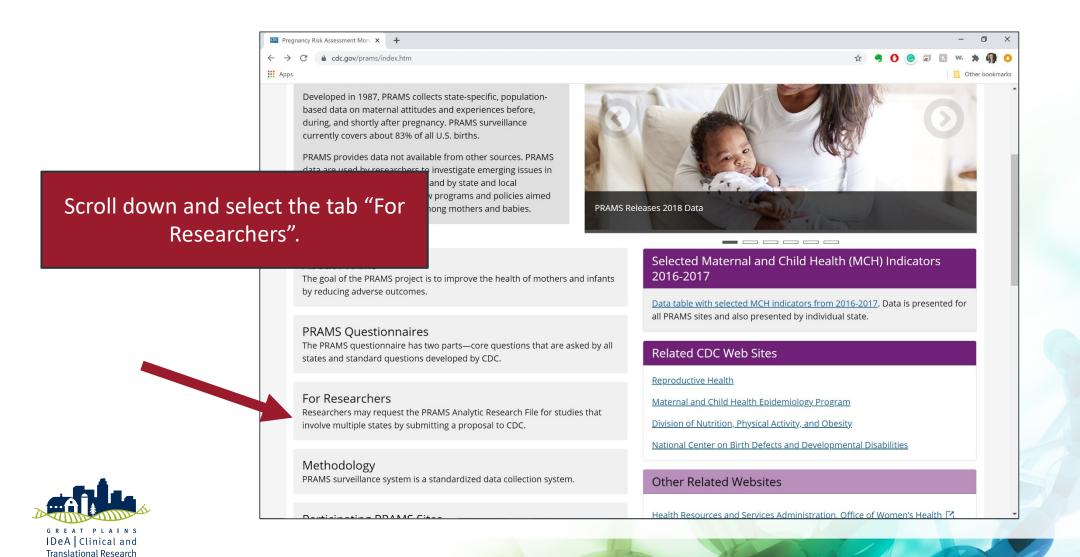


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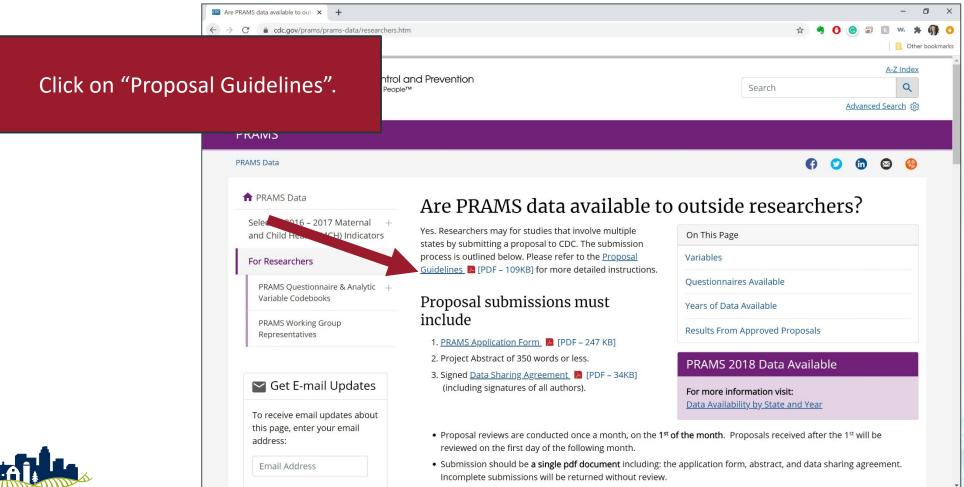




RESEARCHERS TAB

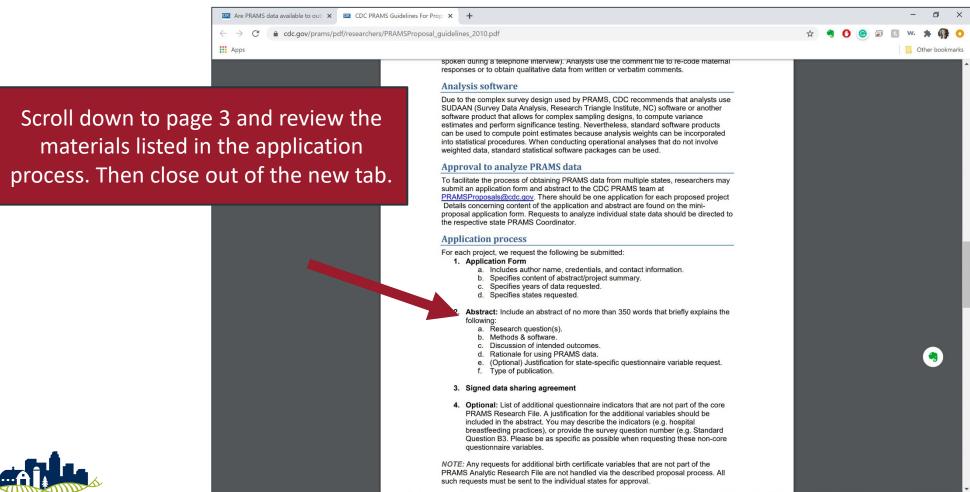


RESEARCHERS TAB



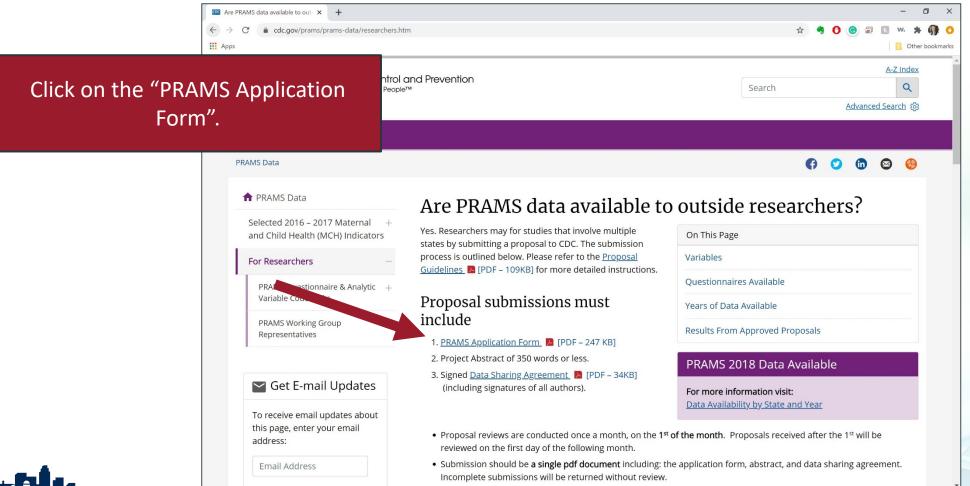


PRAMS GUIDELINES



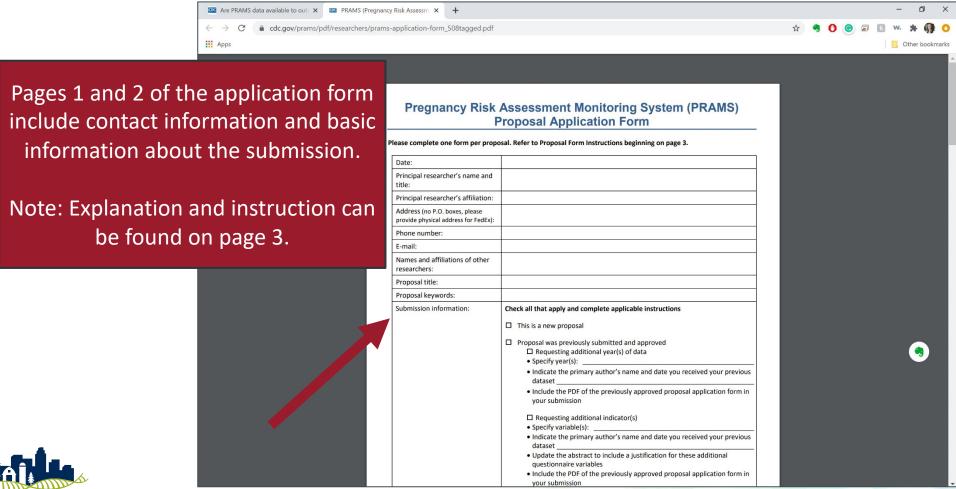


RESEARCHERS TAB



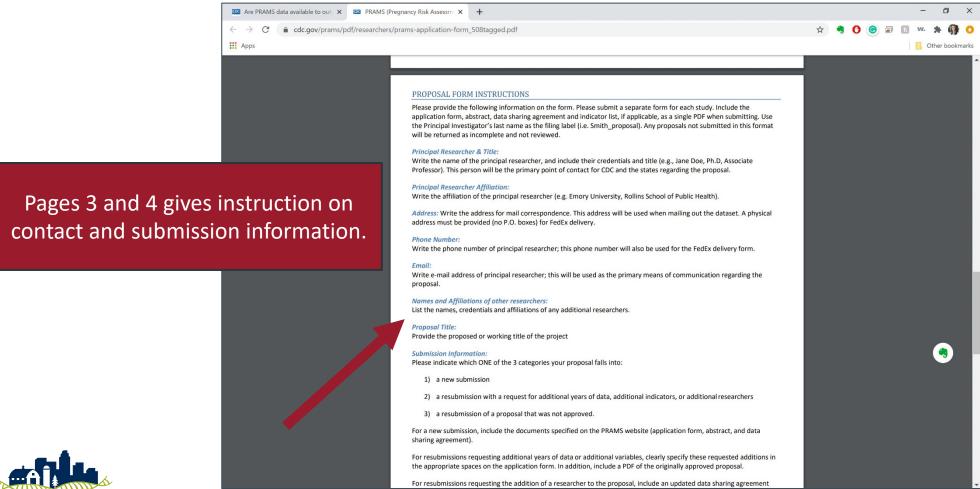


PRAMS APPLICATION FORM



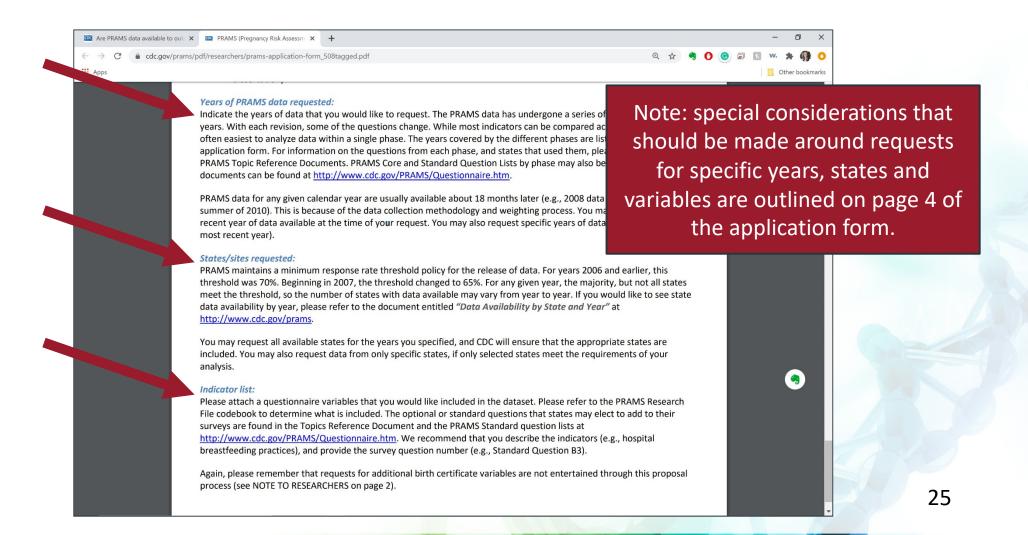


PRAMS APPLICATION FORM



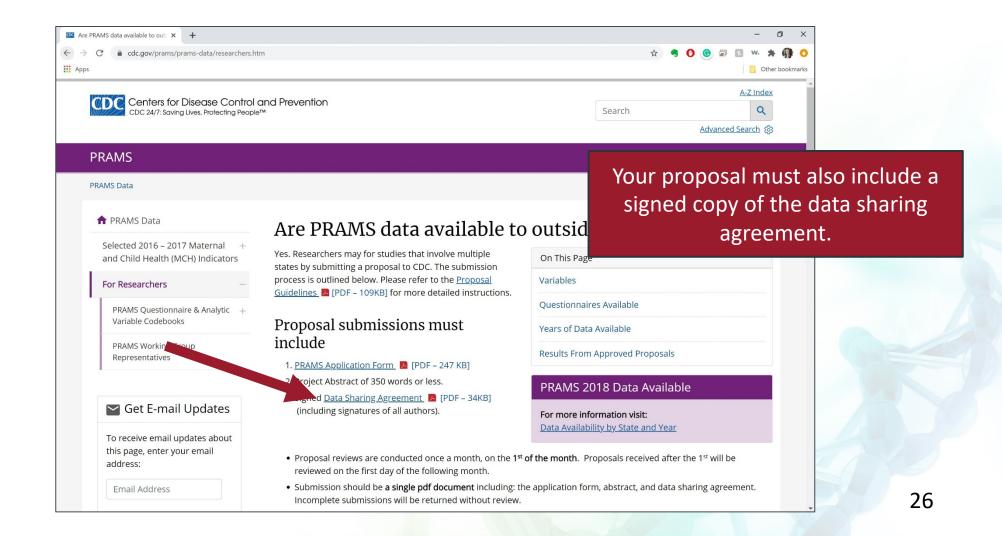


PRAMS APPLICATION FORM



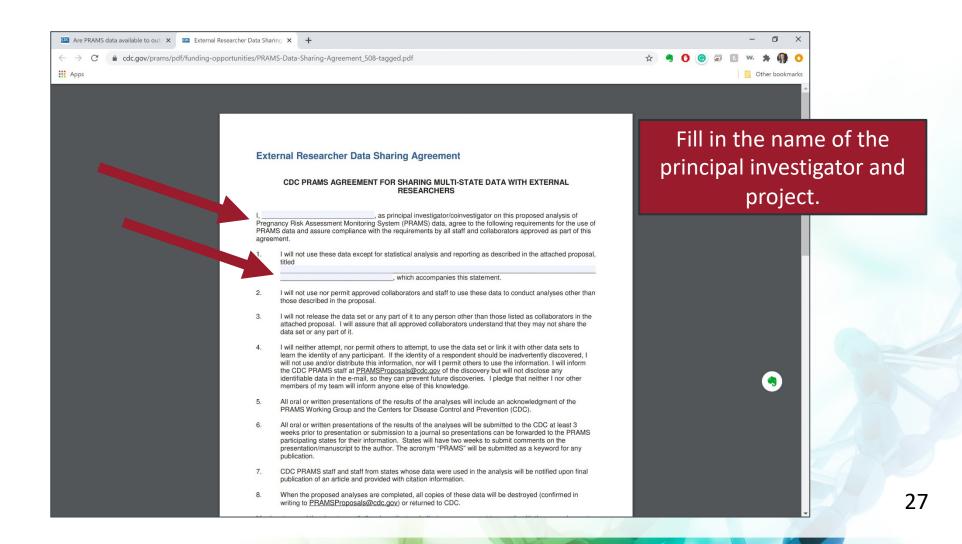


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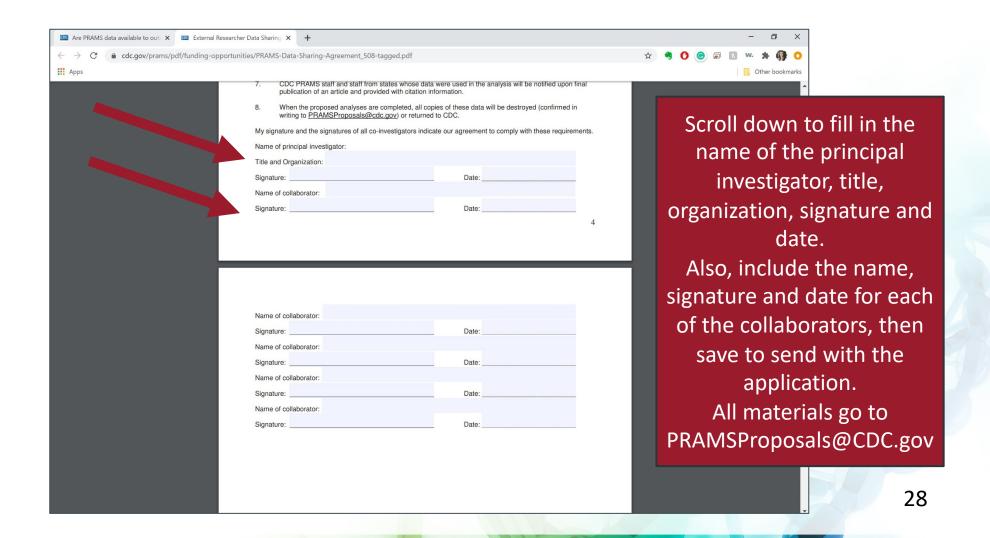


DATA SHARING AGREEMENT





DATA SHARING AGREEMENT





CONTACT INFORMATION

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.





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