

Using PRAMS Data to Measure Social Determinants of Health



Background

May 2019

What is PRAMS?

Pregnancy Risk Assessment Monitoring System

PRAMS collects population-based data on maternal attitudes and experiences before, during, and shortly after pregnancy.

How can you use PRAMS data?

1) Access existing data reports.
(<https://www.dhs.wisconsin.gov/stats/prams/presentations.htm>)

2) Request aggregate data.

3) Request the research data file.

Note—you can request regional data!

The County Health Rankings Model

provides a framework of social, economic, and environmental factors that contribute to health. Below we use this model to organize some examples of PRAMS social determinants measures.

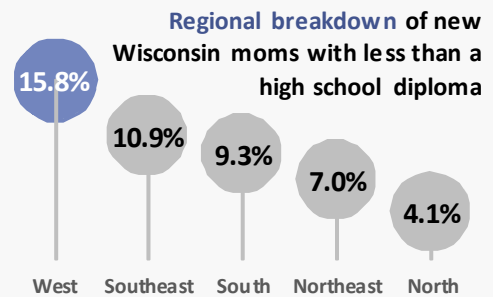
Data Spotlight: Social Determinants of Health

Education

64% of new Wisconsin mothers have attended a year or more of postsecondary education



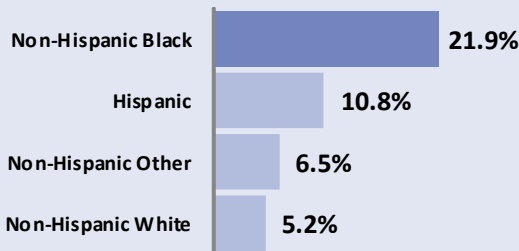
1 in 10 new Wisconsin moms has less than a high school diploma when she gives birth



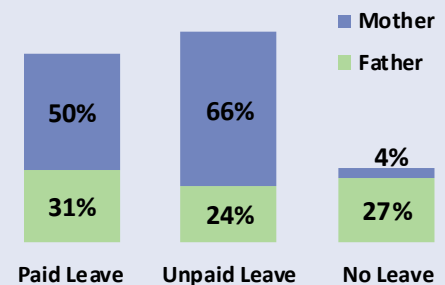
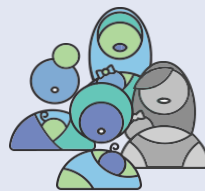
Social and Economic Health Factors

Employment

Percent of moms who **lost their job** in the 12 mo. before baby was born

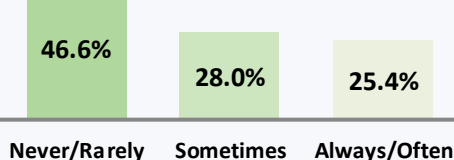


3 in 4 Wisconsin mothers worked for pay during pregnancy



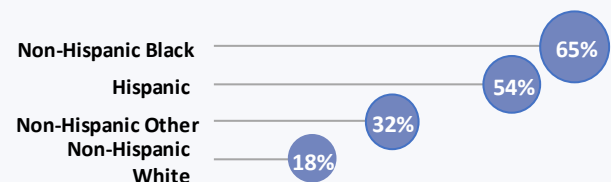
Income

Since your new baby was born, how often have been worried or stressed about having enough money to pay your bills?



28% of new Wisconsin moms receive WIC during their pregnancy

Percent of Wisconsin moms who live below the federal poverty line

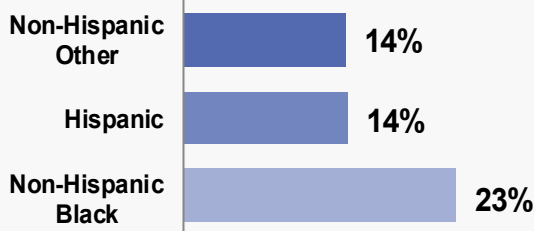




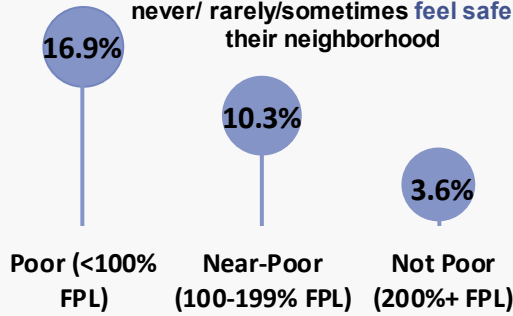
Community Safety



Percent of women of color who experienced **racial bias** in the 12 months before their baby was born



Percent of Wisconsin women who never/ rarely/sometimes **feel safe** in their neighborhood



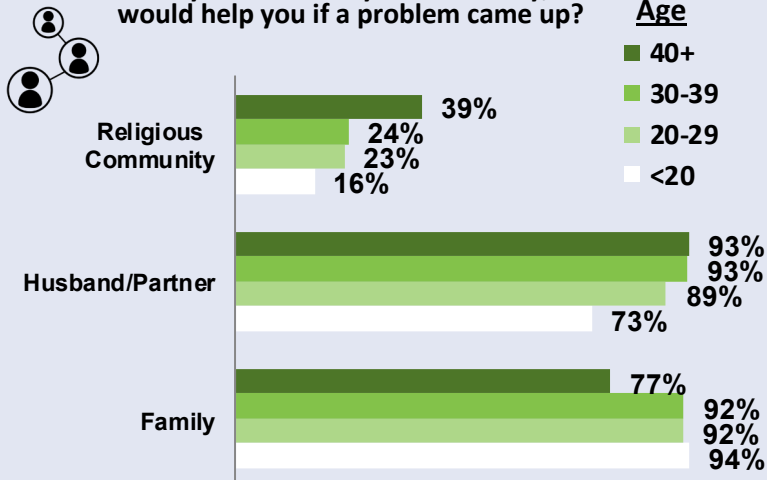
3.4% of women experience **intimate partner violence** before or during pregnancy.

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More than **2,000** women annually

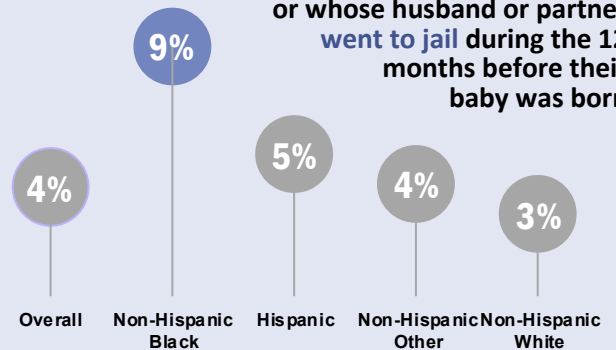
Family & Social Support

Since you delivered your new baby, who would help you if a problem came up?



16% of women experienced **more arguments** than usual with their partner in the 12 months before their baby was born.

Percent of moms who went to jail or whose husband or partner went to jail during the 12 months before their baby was born



Housing & Transit

1 in 42 Wisconsin women experience homelessness in the 12 months prior to birth.



This is about **1,500** women each year.



Of Wisconsin moms who sought prenatal care later than they wanted, **8%** cited lack of transportation as a reason.

Lack of transportation was also cited as a barrier for **16%** of Wisconsin women who did not have a postpartum checkup.



1 in 4 Wisconsin women live in a **rural area**.

Physical Environment

Recommended Citation

Wisconsin Department of Health Services (2019). Wisconsin Pregnancy Risk Assessment Monitoring System 2016-2017.



Contact Information

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