DISTRICT OF COLUMBIA
PREGNANCY RISK ASSESSMENT MONITORING SYSTEM
Data Report 2020

DC PRAMS

Pregnancy Risk Assessment Monitoring System

DC | HEALTH

GOVERNMENT OF THE DISTRICT OF COLUMBIA

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Executive Summary

DC PRAMS Background

Since 2017, the Washington, D.C. Department of Health (DC Health) has partnered with the Centers for Disease Control and Prevention (CDC) and Bloustein Center for Survey Research of Rutgers University on the Pregnancy Risk Assessment Monitoring System (PRAMS) surveillance project. PRAMS is an ongoing, population-based survey of residents who delivered a live-born infant. PRAMS collects data on maternal behaviors and experiences from preconception to the postpartum period.

The goal of the PRAMS project is to identify groups of women and infants at high risk for health problems, to monitor changes in health status, and to measure progress towards improving maternal and child health. PRAMS data allow DC Health to analyze population-level trends alongside stakeholders to coordinate efforts and improve health outcomes. Better understanding of maternal attitudes and experiences before, during and shortly after pregnancy allows DC Health to focus efforts on evidence-based approaches to support programs and policies. The continued monitoring and evaluation of maternal and child health indicators also play an important role in ensuring an equitable District.

Prenatal Health in the District of Columbia

The District of Columbia (The District or DC) is home to a rich and diverse population, yet also experiences high and disparate infant mortality rates, preterm births, and low birthweight deliveries. In 2020, 7,836 live births occurred in the District from 7,702 District mothers.[1] This includes mothers with multiple births. The overall infant mortality rate over the 5-year period, 2014-2018 was 7.6 per 1,000 live births. The rate was highest among non-Hispanic Black infants (11.7 per 1,000 live births) compared to infants of Hispanic mothers (4.6 per 1,000 live births) and non-Hispanic White infants (2.6 per 1,000 live births).[2] During the period of 2014-2018, Wards 5, 7, and 8 had the highest neonatal mortality rates of 8.05, 10.44 and 15.90 per 1,000 live births respectively.[2] The neonatal mortality rate was significantly higher in Ward 8 than in all other wards.[2]

DC Health recognizes the importance of preconception, prenatal and postpartum care. DC Health has several programs and initiatives that assist women at any reproductive stage achieve better health outcomes. Some of the DC Health programs that support mothers and children include: Preterm Birth Prevention Initiative, Baby friendly hospital initiatives, DC Healthy Start project, Safe Sleep program, Home Visiting Program, and Help Me Grow.

DC PRAMS 2020 Data Highlights

DC PRAMS data show high prevalence rates for many positive outcomes; however, disparities exist by age, race/ethnicity, insurance coverage type and ward. For mothers who gave birth in 2020, the percent who ever breastfed was 92.3%. [3] It is estimated that 97.8% of Non-Hispanic White mothers breastfed, while 88.4% of Non-Hispanic Black mothers breastfed [3]. According to PRAMS survey data, 51.2% of mothers had their teeth cleaned during pregnancy [3]. However, 43.3% of mothers who were receiving Medicaid or other government funded insurance had their teeth cleaned compared to 56.6% among mothers who had private insurance. Additionally, PRAMS estimates that 64.1% of mothers had intended pregnancies; 35.9% had either an unwanted, mistimed, or unsure pregnancies. Among Non-Hispanic White mothers, 85.2% had intended pregnancies, compared to 47.1% among Non-Hispanic Black mothers, and 63.5% among Hispanic mothers who did [3]. Finally, DC PRAMS estimates that 1.9% of mothers smoked cigarettes during the last three months of their pregnancy and 4.8% used marijuana or hash products at any point during pregnancy. While smoking use data do not indicate significant difference between age, race/ethnicity, insurance coverage type or ward, marijuana usage is highest among Non-Hispanic Black mothers at 8.6% compared to 2.4% among Non-Hispanic White mothers.

Methodology

Survey Structure and Format

The DC PRAMS survey consists of 77 Core and Standard questions. On January 1, 2019, DC PRAMS also included a 13-question Opioid supplement and a 6-question Disability supplement. An 11-question COVID-19 experience supplemental questionnaire was added on October 1, 2020, and a 6-question COVID-19 vaccination supplemental questionnaire was added on April 1, 2021. The survey is administered in both English and Spanish.

Survey Questionnaire Topics
- Breastfeeding
- Childhood Stressors
- Contraception
- Discrimination
- Insurance
- Mental Health
- Oral Health
- Preconception care
- Prenatal care
- Postpartum care
- Safe sleep
- Substance use
- Vaccination
- Violence

Supplemental Questionnaire Topics
- Disability
- Opioid
- COVID-19 Experience

Sampling and Mailings

Each month, a sample of approximately 100 mothers who are both District residents and who gave birth in the District are picked at random from the DC Vital Records birth certificate registry. Mothers are automatically "opted-in" to participate in DC Health surveys when they complete their hospital discharge papers. However, they can choose to opt-out of participating and they will not be contacted for the PRAMS survey. Those who are picked from the sample and have opted to participate receive an introductory letter, followed by the initial questionnaire packet with a $5 cash incentive by mail. A follow-up phone call is initiated for mothers who do not respond by mail. Each mother is then sent $20 cash upon completion of the survey. Per CDC threshold policy, each participating PRAMS site must meet a 50% response rate in order to release data. DC PRAMS has met this threshold for the years 2018, 2019, and 2020.

Data Analysis

All survey data collection was done in partnership with the Bloustein Center for Survey Research of Rutgers University. SAS v9.4 was used to calculate statistics from the DC PRAMS data. A Chi-squared analysis was performed to determine significant difference within demographic groups. The minimum number of sampled mothers needed in any subpopulation analysis is 32, therefore, any analysis for subpopulations that do not meet that threshold was not performed. Although some analyses might meet this requirement, a smaller sample size can yield results with large confidence intervals and should be interpreted with caution. All outcomes reported represent the number and percent of District mothers who had a live birth within the District of Columbia based on the weighted analysis of the survey results.

Glossary and Reference Terms

CDC - Centers for Disease Control and Prevention. www.cdc.gov

Childhood Stressors - Describes childhood experience of mother from birth to age 13.

Contraceptive option - Highly effective contraceptive LARC includes long-acting reversible contraception such as Intrauterine Device (IUD) or contraceptive implant. Highly effective contraceptive Sterilization includes tubes tied/blocked or a vasectomy. Moderately effective contraceptive includes birth control pills, shots, or injections, contraceptive patch, and vaginal ring. Least effective contraceptive includes condom, rythm method/natural family planning and withdrawal.

Core questions - Questions developed by the Centers for Disease Control (CDC) which are required to be included in every state survey questionnaire with no exceptions or alteration.

DC - The District of Columbia. It is also known as "the District" or Washington, DC.

DC Health - Also known as District of Columbia Department of Health. www.dchealth.dc.gov

HCW - Health Care Worker.

Healthy People 2020 - Healthy People is a national health promotion and disease prevention initiative that brings together national, state, and local government agencies; nonprofit, voluntary and professional organizations; business; communities; individuals to improve the health of all Americans, eliminate disparities in health, and improve years and quality of healthy life. www.healthypeople.gov

Mother - The terms "Mothers", "birthing persons", and "women" are used interchangeably and refer to persons who had a live birth during each reporting year. The population represented in this report may include non-conforming people or transgender men who have the ability to get pregnant or to give birth.

PCP - Primary Care Physician.

PNC - Prenatal Care visit.

PPR - Prescription Pain Reliever.

SAS - Statistical Analysis System. www.sas.com

Standard questions - Questions on various topics from a list provided by CDC that may be selected by any state for inclusion as part of their questionnaire.

State added questions - Questions added by individual states or jurisdiction that are not included in the standard or core. DC did not have any state-added questions for the periods of 2018, 2019, 2020.

Supplemental questionnaires - A short list of questions appended to regular DC PRAMS survey questions that is used for a short period of time on topics of emerging concerns.

Surveillance - The ongoing systematic collection, analysis and interpretation of data (e.g., regarding agent/hazard, risk factor, exposure, health event) essential to the planning, implementation and evaluation of public health practices, closely integrated with the timely dissemination of these data to those responsible for prevention and control.

Surveillance system - A program that conducts public health surveillance and supplies information products on the magnitude and patterns of death, disease or health risks to national and local surveillance efforts, public health professionals and the public.

DEMOGRAPHICS

The District is home to a diverse population. In 2020, 7,702 District mothers gave birth to 7,836 infants in the District. Graphics below show the differing race, insurance coverage types, education levels, age and ward of mothers who had a live birth in 2020, as well their infant's birth weight status. About 42% of mothers were Non-Hispanic Black mothers. An estimated 53% of mothers had a Bachelor's degree or higher and most mothers in the District were insured during their pregnancy.

BY RACE

Race	Percentage
White Non-Hispanic	34%
Black Non-Hispanic	42%
Other/Mixed	5%
Hispanic	19%
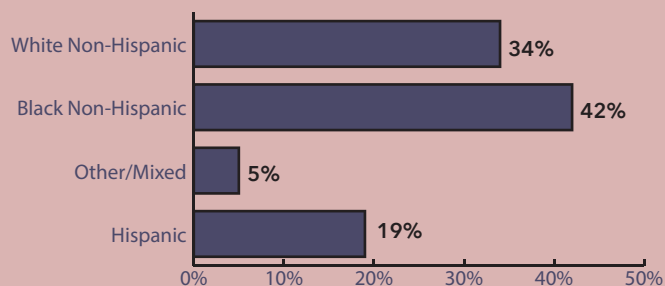
BY INFANT BIRTH WEIGHT
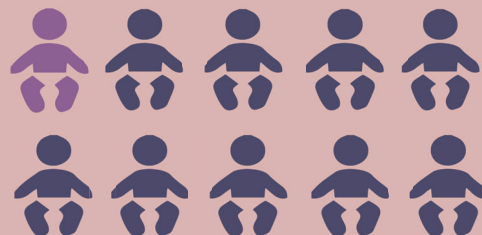
Approximately 1 out of 10 mothers had a low birth weight baby

BY INSURANCE TYPE DURING PREGNANCY

- UNINSURED 1%
- MEDICAID OR OTHER GOV. FUNDED INSURANCE 42%
- PRIVATE 57%

BY EDUCATION LEVEL

- BACHELORS OR HIGHER 53%
- SOME COLLEGE 14%
- NO HS DIPLOMA 14%
- HIGH SCHOOL GRADUATE 19%

BY AGE

Age	Percentage
<20	4%
20-29	33%
30-34	28%
35-39	30%
40+	5%
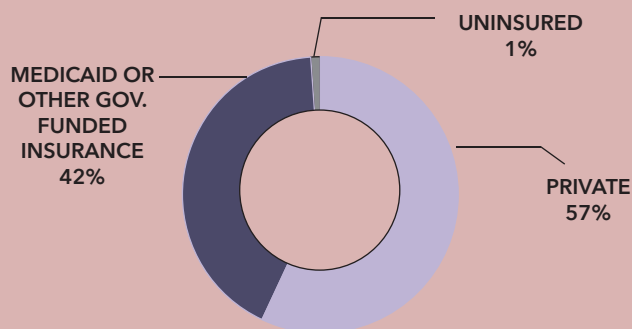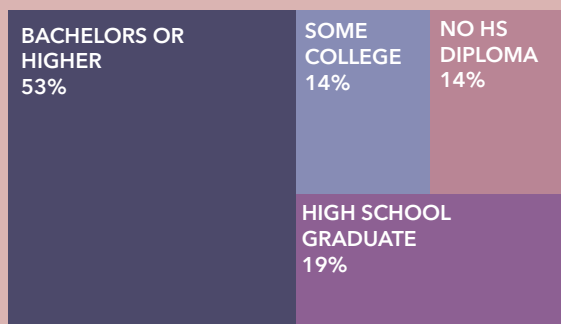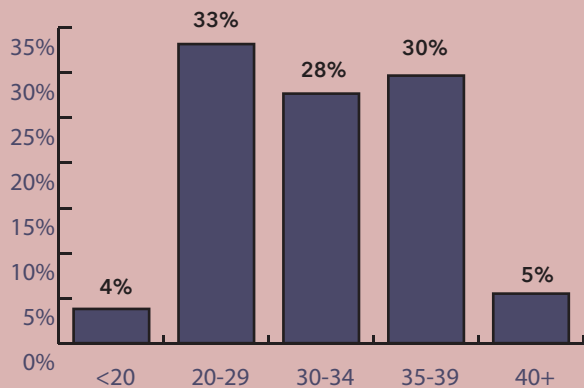
BY WARD

Ward 1	15%
Ward 2	6%
Ward 3	8%
Ward 4	19%
Ward 5	12%
Ward 6	12%
Ward 7	15%
Ward 8	14%

FOOTNOTES:
1. Data source: Pregnancy Risk Assessment Monitoring System, Data year for 2020 births. DC Health, Center for Policy, Planning and Evaluaation, DC PRAMS.
2. N and % (95% CI) represent the weighted frequency and weighted percentage of mothers. Values with large confidence intervals should be interpreted with caution.

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PRECONCEPTION HEALTH

Preconception health refers to the period before a person becomes pregnant.[4] It is an important element of perinatal health. Mothers can start considering care before they even get pregnant including visiting their Primary Care Physicians (PCP) regularly, having a weight management plan, and taking prenatal vitamins. In 2020, about 64.6% (95% CI: 60.0%, 68.9%) of mothers who gave birth in DC saw a family doctor or OB/GYN in the 12 months before pregnancy. PRAMS estimates that about 64.1% (95% CI: 59.6%, 68.4%) of mothers had intended pregnancies. Better family planning can decrease unwanted and mistime pregnancies.

DISTRIBUTION OF MOTHERS BY PREGNANCY INTENTION

Intendend		Mistimed	Unsure	Unwanted
64.1%		13.8%	15.7%	6.5%

DISTRIBUTION OF MOTHERS BY PRE-PREGNANCY WEIGHT

Normal	Obese	Overweight	Underweight
52.9%	19.8%	23.6%	3.7%
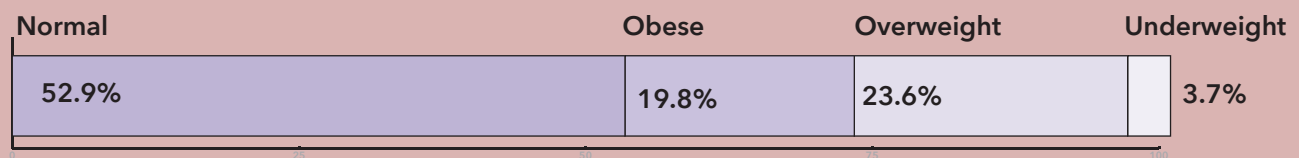
64.6%
Percent of mothers saw a family doctor or OB/GYN 12 months before pregnancy

51.5%
Percent of mothers took prenatal vitamins the month before pregnancy 4 or more times a week

Among those who had any health care visit, a health care worker discussed the following with them:

53.3%
feelings of being down or depressed

81.9%
smoking

45.5%
taking folic acid

44.2%
maintaining a healthy weight

PRENATAL HEALTH

Healthy prenatal behaviors are often associated with better birth outcomes. Overall, almost all District mothers who gave birth in 2020 received some type of necessary and vital prenatal care visit. DC PRAMS estimates that 51.2% (95% CI: 46.6%, 55.8%) of mothers had their teeth cleaned by a dentist or hygienist while pregnant. However, those on private insurance had a significantly higher percentages of teeth cleaning (56.6%(95% CI: 50.1%, 62.8%)) compared to those on Medicaid or other Government program (43.3% (95% CI: 36.3%, 50.6%)). While 73.1% (95% CI: 68.8%, 77.0%) of mothers overall received a flu shot, the pecent is much lower among Black Non-Hispanic mothers (45.9% (95% CI: 39.0%, 53.0%)) compared to White Non-Hispanic mothers (95.1% (95% CI: 90.2%, 97.6%)).

98.9%
Percent of mothers had some prenatal care

1.9%
Percent of mothers smoked cigarettes the last 3 months of pregnancy

4.8%
Percent of mothers used marijuana or hash during pregnancy

PERCENT WITH COMORBIDITIES

Depression	Gestational diabetes	High blood pressure, Pre-eclampsia, Eclampsia
13.6%	7.9%	14.8%
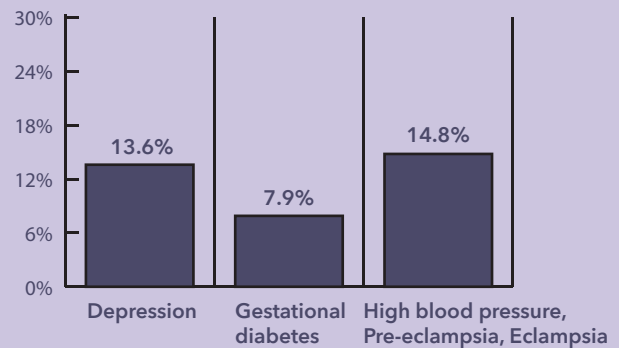
51.2%
Percent of mothers had their teeth cleaned by a dentist or dental hygienist.

BY INSURANCE TYPE

43.3%
MEDICAID

56.6%
PRIVATE
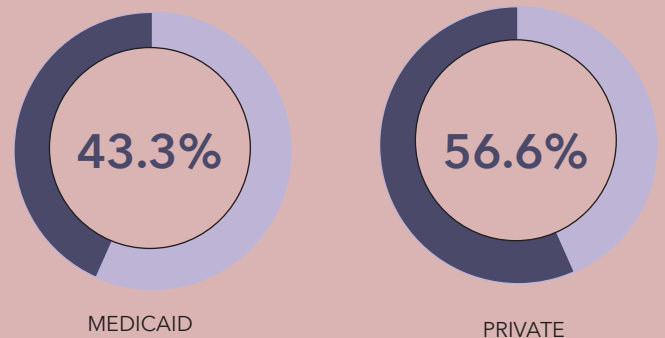
73.1%
Percent of mothers received a flu shot 12 months before delivery.

BY RACE
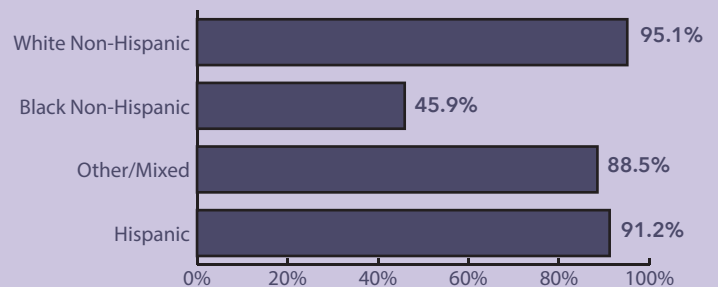
White Non-Hispanic	95.1%
Black Non-Hispanic	45.9%
Other/Mixed	88.5%
Hispanic	91.2%

POSTPARTUM HEALTH

Postpartum care is essential in maintaining mother and infant health after birth. In 2020, DC PRAMS estimates that 88.9% (95% CI: 85.6%, 91.5%) of mothers had a postpartum check-up. The postpartum check-up is an opportunity for providers to identify both physical and mental health issues among mothers who have recently given birth. About 12.8% (95% CI: 10.0%, 16.2%) of mothers reported having post-partum depression in the District. Additionally, PRAMS estimates that 92.3% (95% CI: 89.4%, 94.4%) of mothers who gave birth in 2020 ever breastfed. Approximately 78.1% (95% CI: 74.0%, 81.6%) of all mothers breastfed for 8 or more weeks. An estimated 72.4% (95% CI: 68.0%, 76.3%) of mothers are using some type of birth control postpartum.

88.9%
Percent of mothers had a postpartum check-up

12.8%
Percent of mothers experienced post-partum depression

92.3%
Percent of mothers ever breastfed

78.6%
Percent of mothers tended to lay their baby most often on their back position to sleep

POSTPARTUM CONTRACEPTIVE METHOD USE
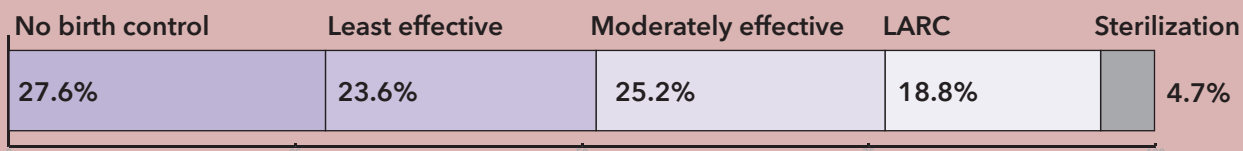
| No birth control	Least effective	Moderately effective	LARC	Sterilization
27.6%	23.6%	25.2%	18.8%	4.7%

FOOTNOTES:
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2018 - 2020 Data Tables

BREASTFEEDING

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q45. Before or after your new baby was born, did you receive information about breastfeeding from any of the following sources?			
Received information about breastfeeding from Baby's Doctor	6,250 79.3%(74.9%, 83.0%)	6,093 79.0%(74.6%, 82.7%)	5,645 76.4%(72.2%, 80.2%)
Received information about breastfeeding from Breastfeeding support group	2,466 32.1%(27.5%, 37.0%)	2,794 36.4%(31.7%, 41.5%)	2,304 31.5%(27.2%, 36.0%)
Received information about breastfeeding from Doctor	6,445 81.0%(76.7%, 84.7%)	6,155 78.6%(74.3%, 82.4%)	5,744 76.7%(72.4%, 80.5%)
Received information about breastfeeding from Family or friends	5,936 76.2%(71.7%, 80.1%)	5,668 72.7%(68.0%, 76.9%)	5,150 69.6%(65.1%, 73.8%)
Received information about breastfeeding from Lactation specialist	6,570 84.1%(80.2%, 87.3%)	6,362 80.8%(76.5%, 84.5%)	6,325 84.9%(81.3%, 88.0%)
Received information about breastfeeding from Nurse, midwife or doula	6,409 81.7%(77.5%, 85.4%)	6,532 83.0%(79.0%, 86.3%)	6,215 83.9%(80.1%, 87.0%)
Received information about breastfeeding from Other source	1,494 24.1%(19.7%, 29.3%)	1,228 19.1%(15.0%, 23.9%)	910 15.5%(12.0%, 19.8%)
Received information about breastfeeding from hotline or toll-free number	1,313 17.2%(13.7%, 21.3%)	1,425 18.7%(14.9%, 23.1%)	1,274 17.6%(14.3%, 21.6%)
Q46. Did you ever breastfeed or pump breast milk to feed your new baby, even for a short period of time?			
YES	7,382 92.9%(90.2%, 94.9%)	7,177 90.8%(87.3%, 93.5%)	7,007 92.3%(89.4%, 94.4%)
NO	568 7.1%(5.1%, 9.8%)	723 9.2%(6.5%, 12.7%)	589 7.7%(5.6%, 10.6%)
Q48. How many weeks or months did you breastfeed or feed pumped milk to your baby?			
Breastfed for 8 or more weeks - YES	6,232 78.6%(74.3%, 82.3%)	5,938 75.3%(70.6%, 79.4%)	5,823 78.1%(74.0%, 81.6%)
Breastfed for 8 or more weeks - No	1,700 21.4%(17.7%, 25.7%)	1,949 24.7%(20.6%, 29.4%)	1,637 21.9%(18.4%, 26.0%)

FOOTNOTES:
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CHILDHOOD STRESSORS

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q63. Please tell us if any of these things ever happened to you from the time you were born through age 13.			
A parent or guardian got in trouble with the law or went to jail	669 8.6%(6.3%, 11.8%)	535 6.7%(4.5%, 9.8%)	669 8.9%(6.6%, 11.9%)
A parent or guardian I lived with got divorced or separated	2,448 31.6%(27.1%, 36.5%)	2,236 28.0%(23.8%, 32.7%)	2,019 27.0%(23.0%, 31.3%)
A parent or guardian I lived with had a serious drinking or drug problem	968 12.5%(9.6%, 16.2%)	870 10.9%(8.1%, 14.5%)	831 11.1%(8.5%, 14.4%)
I was in foster care	208 2.7%(1.6%, 4.6%)	448 5.6%(3.6%, 8.7%)	384 5.1%(3.5%, 7.6%)
Most of the time, I had an adult who believed in me and who I could count on to help me	6,979 89.6%(86.4%, 92.1%)	7,005 88.0%(84.3%, 91.0%)	6,701 89.2%(86.0%, 91.8%)
Someone in my family or I went hungry because we could not afford enough food	905 11.6%(8.8%, 15.2%)	740 9.3%(6.7%, 12.8%)	785 10.5%(7.9%, 13.7%)
We had to move because of problems paying the rent or mortgage	949 12.3%(9.5%, 15.8%)	893 11.2%(8.4%, 14.8%)	952 12.7%(9.9%, 16.1%)
Q64. Thinking back to your childhood through age 13, how often was it hard for your family to pay for basic needs like food or housing?			
Very/Somewhat often	1,177 15.2%(11.9%, 19.1%)	1,029 13.1%(10.0%, 16.9%)	1,103 14.8%(11.8%, 18.4%)
Not very often	1,467 18.9%(15.3%, 23.2%)	1,504 19.1%(15.5%, 23.4%)	1,341 17.9%(14.6%, 21.8%)
Never	5,103 65.9%(61.0%, 70.5%)	5,327 67.8%(63.0%, 72.2%)	5,026 67.3%(62.7%, 71.5%)

COVID-19 Experience

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
CQ1. During the COVID-19 pandemic, which types of prenatal care appointments did you attend?			
VIRTUAL ONLY	NA	NA	175 4.6%(2.4%, 8.4%)
IN-PERSON ONLY	NA	NA	1,149 30.0%(24.4%, 36.2%)
IN-PERSON AND VIRTUAL	NA	NA	2,467 64.3%(57.9%, 70.3%)
DID NOT HAVE PNC	NA	NA	44 1.1%(0.3%, 3.8%)
CQ2. What are the reasons that you did not attend virtual appointments for prenatal care?			
Lack of private space	NA	NA	3 0.3%(0.1%, 1.7%)
Lack of a computer or device	NA	NA	26 2.5%(0.6%, 10.3%)
Lack of enough cellular data or cellular minutes	NA	NA	8 0.8%(0.2%, 2.5%)
Lack of internet service or had unreliable internet	NA	NA	47 4.5%(1.5%, 13.3%)
Lack of availability of virtual appointments from my provider	NA	NA	149 14.5%(7.9%, 25.0%)
Other reason	NA	NA	238 27.5%(17.1%, 41.2%)
I preferred seeing my health care provider in person	NA	NA	864 79.0%(68.1%, 86.9%)

FOOTNOTES:
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3. NA refers to "Not Applicable". COVID-19 data were not collected for birth years before 2020.

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COVID-19 Experience

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
CQ3. Were any of your prenatal care appointments canceled or delayed during the COVID-19 pandemic due to the following reasons?			
My appointments were canceled or delayed because I had to self-isolate due to possible COVID-19 exposure or infection	NA	NA	143 3.8%(1.9%, 7.4%)
I canceled or delayed because I was afraid of being exposed to COVID-19 during the appointments	NA	NA	386 10.3%(6.9%, 15.1%)
My appointments were canceled or delayed because my provider's office was closed or had reduced hours	NA	NA	880 23.3%(18.2%, 29.2%)
I canceled or delayed because I worried about taking public transportation and had no other way to get there	NA	NA	202 5.4%(3.1%, 9.2%)
I canceled or delayed because I lost my health insurance during the COVID-19 pandemic	NA	NA	44 1.2%(0.3%, 3.9%)
I canceled or delayed because I had problems finding care for my children or other family members	NA	NA	187 5.0%(2.7%, 8.8%)

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COVID-19 Experience

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
CQ4. While you were pregnant, how often did you do the following things to avoid getting COVID-19? (Continued to next page)			
Avoided gatherings of more than 10 people - ALWAYS	NA	NA	3,515 90.2%(85.7%, 93.4%)
Avoided gatherings of more than 10 people - SOMETIMES	NA	NA	293 7.5%(4.8%, 11.6%)
Avoided gatherings of more than 10 people - NEVER	NA	NA	89 2.3%(1.0%, 5.2%)
Avoided having visitors inside my home - ALWAYS	NA	NA	3,008 78.0%(72.1%, 82.9%)
Avoided having visitors inside my home - SOMETIMES	NA	NA	737 19.1%(14.5%, 24.8%)
Avoided having visitors inside my home - NEVER	NA	NA	113 2.9%(1.4%, 6.1%)
Covered coughs and sneezes with a tissue or my elbow - ALWAYS	NA	NA	3,678 94.8%(90.9%, 97.1%)
Covered coughs and sneezes with a tissue or my elbow - SOMETIMES	NA	NA	161 4.2%(2.2%, 7.8%)
Covered coughs and sneezes with a tissue or my elbow - NEVER	NA	NA	39 1.0%(0.3%, 3.8%)
Made trips as short as possible when I left my home - ALWAYS	NA	NA	3,243 83.6%(78.2%, 87.9%)
Made trips as short as possible when I left my home - SOMETIMES	NA	NA	495 12.8%(9.0%, 17.8%)
Made trips as short as possible when I left my home - NEVER	NA	NA	140 3.6%(1.8%, 7.1%)
Only left my home for essential reasons - ALWAYS	NA	NA	3,034 77.8%(72.0%, 82.8%)
Only left my home for essential reasons - SOMETIMES	NA	NA	797 20.5%(15.7%, 26.2%)
Only left my home for essential reasons - NEVER	NA	NA	66 1.7%(0.6%, 4.5%)
Stayed at least 6 feet (2 meters) away from others when I left my home - ALWAYS	NA	NA	3,353 86.0%(80.9%, 90.0%)
Stayed at least 6 feet (2 meters) away from others when I left my home - SOMETIMES	NA	NA	485 12.5%(8.7%, 17.4%)
Stayed at least 6 feet (2 meters) away from others when I left my home - NEVER	NA	NA	58 1.5%(0.5%, 4.4%)

FOOTNOTES:
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COVID-19 Experience

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
CQ4. While you were pregnant, how often did you do the following things to avoid getting COVID-19? (Continued from previous page)			
Used alcohol-based hand sanitizer - ALWAYS	NA	NA	3,378 87.1%(81.9%, 91.0%)
Used alcohol-based hand sanitizer - SOMETIMES	NA	NA	442 11.4%(7.8%, 16.4%)
Used alcohol-based hand sanitizer - NEVER	NA	NA	58 1.5%(0.5%, 4.4%)
Washed hands for 20 seconds with soap and water - ALWAYS	NA	NA	3,551 91.7%(87.2%, 94.7%)
Washed hands for 20 seconds with soap and water - SOMETIMES	NA	NA	304 7.8%(4.9%, 12.3%)
Washed hands for 20 seconds with soap and water - NEVER	NA	NA	19 0.5%(0.1%, 3.3%)
Wore a mask or a cloth face covering when out in public - ALWAYS	NA	NA	3,690 95.2%(91.4%, 97.3%)
Wore a mask or a cloth face covering when out in public - SOMETIMES	NA	NA	168 4.3%(2.3%, 8.0%)
Wore a mask or a cloth face covering when out in public - NEVER	NA	NA	19 0.5%(0.1%, 3.3%)

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COVID-19 Experience

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
CQ5. While you were pregnant during the COVID-19 pandemic, did you have any of the following experiences?			
I had responsibilities or a job that prevented me from staying home	NA	NA	950 24.8%(19.6%, 30.8%)
It was hard for me to wear a mask or cloth face covering (trouble breathing, claustrophobia)	NA	NA	983 25.4%(20.1%, 31.4%)
I had trouble getting disinfectant to clean my home	NA	NA	1,104 28.6%(23.1%, 34.8%)
I had trouble getting or making masks or cloth face coverings	NA	NA	461 12.0%(8.3%, 16.9%)
I had trouble getting hand sanitizer or hand soap for my household	NA	NA	786 20.3%(15.5%, 26.0%)
Someone in my household had a job that required close contact with other people	NA	NA	1,180 30.6%(24.9%, 36.9%)
Someone in my household was told by a health care provider that they had COVID-19	NA	NA	172 4.4%(2.4%, 8.0%)
I was told by a health care provider that I had COVID-19	NA	NA	197 5.1%(2.9%, 8.8%)
When I went out, I found that other people around me did not practice social distancing	NA	NA	1,898 49.7%(43.2%, 56.2%)
CQ6. Who was with you in the hospital delivery room as a support person during your labor and delivery?			
A doula	NA	NA	198 5.2%(2.9%, 9.1%)
Another family member or friend	NA	NA	499 13.0%(9.3%, 18.0%)
My husband or partner	NA	NA	3,162 82.4%(76.9%, 86.7%)
The hospital did not allow me to have any support people	NA	NA	83 2.2%(1.0%, 4.7%)
Some other support person	NA	NA	89 2.3%(1.0%, 5.3%)

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COVID-19 Experience

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
CQ7. While in the hospital after your delivery, did any of the following things happen to you and your baby because of COVID-19?			
My baby was tested for COVID-19 in the hospital	NA	NA	575 16.3%(11.9%, 21.8%)
I was separated from my baby in the hospital after delivery to protect my baby from COVID-19	NA	NA	155 4.2%(2.4%, 7.2%)
I was given information about how to protect my baby from COVID-19 when I went home	NA	NA	1,842 50.0%(43.4%, 56.6%)
I wore a mask while I was alone caring for my baby in the hospital	NA	NA	1,057 28.7%(23.2%, 35.0%)
I wore a mask when other people came into my hospital room	NA	NA	3,146 85.4%(79.9%, 89.6%)
CQ8. Did the COVID-19 pandemic affect breastfeeding for you and your baby in any of the following ways?			
Due to COVID-19, I had trouble getting a visit from a lactation specialist while I was in the hospital	NA	NA	344 10.4%(6.8%, 15.5%)
I pumped breast milk in the hospital so someone else could feed my baby to avoid him or her getting infected	NA	NA	219 6.6%(4.2%, 10.3%)
I wore a mask while breastfeeding in the hospital	NA	NA	1,057 32.0%(25.8%, 38.8%)
CQ9. In what ways did the COVID-19 pandemic affect your baby's routine health care?			
My baby's well visits or checkups were canceled or delayed	NA	NA	340 8.8%(5.7%, 13.3%)
My baby's well visits or checkups were changed from in-person visits to virtual appointments (video or telephone)	NA	NA	635 16.4%(12.1%, 21.9%)
My baby's immunizations were postponed	NA	NA	106 2.7%(1.3%, 5.9%)
CQ10. During the COVID-19 pandemic, which types of postpartum appointments did you attend for yourself?			
Virtual appointments (video or telephone) only	NA	NA	232 6.1%(3.6%, 10.2%)
In-person appointments only	NA	NA	2,208 58.2%(51.6%, 64.5%)
Both, in-person and virtual appointments	NA	NA	1,132 29.8%(24.2%, 36.2%)
I did not have any postpartum appointments for myself	NA	NA	224 5.9%(3.5%, 9.8%)

FOOTNOTES:
1. Data source: Pregnancy Risk Assessment Monitoring System, Data years for 2020 births. DC Health, Center for Policy, Planning and Evaluaation, DC PRAMS.
2. N and % (95% CI) represent the weighted frequency and weighted percentage of mothers. Values with large confidence intervals should be interpreted with caution.
3. NA refers to "Not Applicable". COVID-19 data were not collected for birth years before 2020.

COVID-19 Experience

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
CQ11. Did any of the following things happen to you due to the COVID-19 pandemic?			
Other members of my household lost their jobs or had a cut in work hours or pay	NA	NA	863 22.0%(17.2%, 27.8%)
I became homeless	NA	NA	181 4.6%(2.6%, 8.2%)
My husband or partner and I had more verbal arguments or conflicts than usual	NA	NA	719 18.4%(13.9%, 23.9%)
I felt more anxious than usual	NA	NA	2,170 55.5%(49.0%, 61.8%)
I felt more depressed than usual	NA	NA	1,341 34.4%(28.5%, 40.9%)
The loss of childcare or school closures made it difficult to manage all my responsibilities	NA	NA	1,125 28.7%(23.2%, 34.9%)
I worried whether our food would run out before I got money to buy more	NA	NA	647 16.5%(12.3%, 21.8%)
I had problems paying the rent, mortgage, or other bills	NA	NA	656 16.8%(12.6%, 22.0%)
I had to move or relocate	NA	NA	471 12.0%(8.5%, 16.8%)
I had to spend more time than usual taking care of children or other family members	NA	NA	1,649 42.1%(35.9%, 48.6%)
I lost my job or had a cut in work hours or pay	NA	NA	1,071 27.3%(22.0%, 33.4%)
A member of my household or I received unemployment benefits	NA	NA	723 18.5%(14.0%, 24.0%)

FOOTNOTES:
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DISABILITY

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
DQ1 - Q6. Disability Questions			
Has a lot of difficulty or incapable of hearing	0 0.0%(0.0%, 0.0%)	59 .8%(0.2%, 2.6%)	5 0.1%(0.0%, 0.3%)
Has a lot of difficulty or incapable of concentrating or remembering	80 4.4%(1.6%, 11.1%)	288 3.7%(2.1%, 6.3%)	140 1.8%(0.9%, 3.7%)
Has a lot of difficulty or incapable of seeing	45 2.4%(0.6%, 9.1%)	89 1.1%(0.4%, 2.9%)	146 1.9%(1.0%, 3.8%)
Has a lot of difficulty or incapable of walking	0 0%(0%, 0%)	91 1.2%(0.4%, 3.3%)	42 0.6%(0.2%, 1.9%)
Has a lot of difficulty or incapable of communicating	0 0.0%(0.0%, 0.0%)	55 .7%(0.2%, 2.6%)	5 0.1%(0.0%,0.3%)

FOOTNOTES:
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DISCRIMINATION

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q65. During the 12 months before your new baby was born, how often did you experience discrimination, or harassment, or were made to feel inferior because of your race, ethnicity, or culture?			
Always/often	221 2.8%(1.5%, 4.9%)	364 4.6%(2.8%, 7.4%)	294 3.9%(2.5%, 6.1%)
Sometimes	596 7.5%(5.3%, 10.5%)	583 7.4%(5.1%, 10.4%)	615 8.2%(6.0%, 11.1%)
Rarely/never	7,159 89.8%(86.4%, 92.4%)	6,976 88.0%(84.3%, 91.0%)	6,626 87.9%(84.6%, 90.6%)
Q69. Did you ever feel you were treated unfairly in getting these kinds of services because of any of the following?			
Felt treated unfairly during health care services due to any specific demographic information	754 10.2%(7.5%, 13.7%)	1,007 13.6%(10.3%, 17.6%)	884 12.2%(9.4%, 15.8%)
Felt treated unfairly during health care services due to age	362 4.5%(2.8%, 7.2%)	469 5.9%(3.9%, 8.9%)	398 5.3%(3.5%, 7.8%)
Felt treated unfairly during health care services due to citizenship status	133 1.7%(0.8%, 3.4%)	182 2.3%(1.2%, 4.5%)	147 2.0%(1.0%, 3.8%)
Felt treated unfairly during health care services due to language I speak	226 2.8%(1.6%, 5.0%)	283 3.6%(2.1%, 5.9%)	300 4.0%(2.5%, 6.3%)
Felt treated unfairly during health care services due to Medicaid/Insurance status	353 4.4%(2.8%, 7.0%)	431 5.5%(3.5%, 8.4%)	254 3.4%(2.0%, 5.5%)
Felt treated unfairly during health care services due to other reason	97 1.3%(0.6%, 2.8%)	155 2.1%(1.0%, 4.3%)	174 2.4%(1.3%, 4.4%)
Felt treated unfairly during health care services due to race	234 2.9%(1.7%, 5.0%)	222 2.8%(1.6%, 5.0%)	489 6.5%(4.5%, 9.2%)

FAMILY PLANNING

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q12. Thinking back to just before you got pregnant with your new baby, how did you feel about becoming pregnant?			
Pregnancy was intended	4,891 61.0%(56.2%, 65.7%)	5,028 62.5%(57.5%, 67.2%)	4,895 64.1%(59.6%, 68.4%)
Pregnancy was mistimed	1,320 16.5%(13.2%, 20.3%)	1,249 15.5%(12.3%, 19.5%)	1,051 13.8%(10.9%, 17.3%)
Pregnancy was unsure	1,394 17.4%(13.9%, 21.5%)	1,258 15.6%(12.3%, 19.7%)	1,197 15.7%(12.7%, 19.3%)
Pregnancy was unwanted	409 5.1%(3.4%, 7.5%)	512 6.4%(4.2%, 9.5%)	494 6.5%(4.5%, 9.2%)
Q54. Are you or your husband or partner doing anything now to keep from getting pregnant?			
Not using any birth control method	2,086 26.6%(22.4%, 31.2%)	2,228 28.6%(24.3%, 33.3%)	2,071 27.6%(23.7%, 32.0%)
Using a method of birth control	5,765 73.4%(68.8%, 77.6%)	5,571 71.4%(66.7%, 75.7%)	5,425 72.4%(68.0%, 76.3%)
Q56. What kind of birth control are you or your husband or partner using now to keep from getting pregnant?			
Using highly-effective LARC	1,651 21.0%(17.3%, 25.4%)	1,671 21.4%(17.6%, 25.8%)	1,409 18.8%(15.4%, 22.8%)
Using highly-effective sterilization	387 4.9%(3.2%, 7.5%)	719 9.2%(6.6%, 12.7%)	354 4.7%(3.1%, 7.1%)
Using moderately effective birth control	1,877 23.9%(19.9%, 28.4%)	1,768 22.7%(18.8%, 27.1%)	1,891 25.2%(21.4%, 29.5%)
Using least effective birth control	1,849 23.6%(19.5%, 28.1%)	1,413 18.1%(14.6%, 22.2%)	1,771 23.6%(19.9%, 27.9%)
Not using any birth control method	2,086 26.6%(22.4%, 31.2%)	2,228 28.6%(24.3%, 33.3%)	2,071 27.6%(23.7%, 32.0%)

FAMILY PLANNING

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q55. What are your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant now?			
Not using birth control because of abstinence	590 33.0%(23.8%, 43.7%)	749 37.6%(28.7%, 47.4%)	642 34.9%(26.5%, 44.3%)
Not using birth control because of affordability	38 2.1%(0.6%, 7.3%)	52 2.6%(0.7%, 9.9%)	19 1.1%(0.2%, 6.8%)
Not using birth control because of being currently pregnant	25 1.4%(0.3%, 5.8%)	7 0.3%(0.1%, 1.8%)	63 3.4%(1.2%, 9.2%)
Not using birth control because of not wanting to	696 38.9%(29.1%, 49.6%)	670 34.0%(25.3%, 43.9%)	626 34.0%(25.6%, 43.4%)
Not using birth control because of other reason	497 27.8%(19.5%, 37.9%)	384 19.3%(12.8%, 28.0%)	315 17.1%(11.3%, 25.0%)
Not using birth control because of side effects	661 36.9%(27.4%, 47.6%)	769 38.6%(29.6%, 48.4%)	546 29.6%(21.8%, 38.9%)
Not using birth control because of tubes tied/blocked	38 2.1%(0.5%, 8.3%)	107 5.4%(2.4%, 11.6%)	29 1.6%(0.4%, 5.8%)
Not using birth control because of wanting to pregnant	260 14.5%(8.4%, 24.0%)	273 13.7%(8.3%, 21.8%)	292 15.9%(10.1%, 24.1%)
Not using birth control because partner didn't want to	77 4.3%(1.8%, 10.1%)	135 6.8%(3.0%, 14.4%)	78 4.3%(1.7%, 10.6%)

FOOTNOTES:
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INFANT EXPERIENCE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q42. After your baby was delivered, how long did he or she stay in the hospital?			
Infant had a hospital stay of 5 days or less	7,260 91.3%(89.2%, 93.1%)	7,080 90.1%(87.5%, 92.2%)	6,902 92.1%(90.2%, 93.7%)
Infant had a hospital stay of more than 5 days	691 8.7%(6.9%, 10.8%)	782 9.9%(7.8%, 12.5%)	589 7.9%(6.3%, 9.8%)
Q43. Is your baby alive now?			
YES	7,901 99.7%(98.6%, 100.0%)	7,865 99.6%(98.6%, 99.9%)	7,577 99.9%(99.7%, 100.0%)
NO	20 0.3%(0.0%, 1.4%)	30 0.4%(0.1%, 1.4%)	9 0.1%(0.0%, 0.3%)
Q44. Is your baby living with you now?			
YES	7,912 99.8%(99.4%, 99.9%)	7,855 100.0%(0.0%, 0.0%)	7,535 99.7%(98.3%, 100.0%)
NO	19 0.2%(0.1%, 0.6%)	0 0.0%(0.0%, 0.0%)	19 0.3%(0.0%, 1.7%)

INSURANCE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q9. During the month before you got pregnant with your new baby, what kind of health insurance did you have?			
Medicaid or other government funded	3,135 41.1%(36.3%, 46.1%)	3,005 40.7%(35.7%, 45.8%)	2,877 39.2%(34.7%, 43.9%)
Private	4,215 55.3%(50.2%, 60.2%)	3,957 53.5%(48.4%, 58.6%)	4,169 56.8%(52.1%, 61.4%)
No insurance	276 3.6%(2.2%, 5.9%)	428 5.8%(3.7%, 8.9%)	296 4.0%(2.5%, 6.4%)
Q10. During your most recent pregnancy, what kind of health insurance did you have for your prenatal care?			
Medicaid or other government funded	3,075 42.2%(37.2%, 47.4%)	3,177 44.7%(39.6%, 50.0%)	3,036 42.1%(37.5%, 46.9%)
Private	4,096 56.3%(51.0%, 61.3%)	3,822 53.8%(48.6%, 59.0%)	4,102 56.9%(52.2%, 61.5%)
No insurance	110 1.5%(0.6%, 3.5%)	100 1.4%(0.6%, 3.3%)	68 0.9%(0.4%, 2.4%)
Q11. What kind of health insurance do you have now?			
Medicaid or other government funded	3,118 42.0%(37.0%, 47.1%)	3,462 47.2%(42.1%, 52.4%)	3,076 42.5%(37.9%, 47.2%)
Private	4,061 54.7%(49.5%, 59.7%)	3,703 50.5%(45.4%, 55.6%)	4,045 55.9%(51.1%, 60.5%)
No insurance	251 3.4%(2.0%, 5.7%)	169 2.3%(1.2%, 4.5%)	117 1.6%(0.7%, 3.5%)

MENTAL HEALTH

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q4. During the 3 months before you got pregnant with your new baby, did you have any of the following health conditions?			
Had Depression before pregnancy - YES	797 9.8%(7.3%, 13.1%)	923 11.5%(8.7%, 15.1%)	930 12.2%(9.5%, 15.5%)
Had Depression before pregnancy - NO	7,351 90.2%(86.9%, 92.7%)	7,114 88.5%(84.9%, 91.3%)	6,683 87.8%(84.5%, 90.5%)
Q23. During your most recent pregnancy, did you have any of the following health conditions?			
Had Depression during pregnancy - YES	922 11.5%(8.8%, 14.9%)	955 12.1%(9.1%, 15.8%)	1,046 13.6%(10.8%, 17.1%)
Had Depression during pregnancy - NO	7,074 88.5%(85.1%, 91.2%)	6,956 87.9%(84.2%, 90.9%)	6,622 86.4%(82.9%, 89.2%)
Q59 - Q60. Since your new baby was born, how often have you felt down, depressed, or hopeless? and how often have you had little interest or little pleasure in doing things you usually enjoyed?			
Had Post-partum depression - YES	1,047 13.3%(10.4%, 16.9%)	975 12.3%(9.4%, 16.0%)	972 12.8%(10.0%, 16.2%)
Had Post-partum depression - NO	6,823 86.7%(83.1%, 89.6%)	6,947 87.7%(84.0%, 90.6%)	6,609 87.2%(83.8%, 90.0%)
Q67. How would you describe the time during your most recent pregnancy?			
One of the happiest times of my life	2,727 34.4%(29.8%, 39.2%)	2,662 33.9%(29.4%, 38.7%)	1,873 25.0%(21.2%, 29.3%)
A happy time with few problems	3,641 45.9%(40.9%, 50.9%)	3,501 44.6%(39.7%, 49.5%)	3,526 47.1%(42.4%, 51.8%)
A moderately hard time	944 11.9%(9.1%, 15.4%)	937 11.9%(9.2%, 15.4%)	1,463 19.5%(16.1%, 23.6%)
A very hard time	484 6.1%(4.2%, 8.8%)	472 6.0%(4.1%, 8.8%)	517 6.9%(4.9%, 9.6%)
One of the worst times of my life	145 1.8%(0.9%, 3.5%)	283 3.6%(2.1%, 6.2%)	111 1.5%(0.7%, 3.1%)

OPIOID

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
OQ1. During your most recent pregnancy, did you use any of the following over-the-counter pain relievers?			
Used any of the following over-the-counter pain relievers - Acetaminophen	NA	4,121 52.8%(47.8%, 57.7%)	4,310 57.6%(52.9%, 62.2%)
Used any of the following over-the-counter pain relievers - Aspirin	NA	511 6.6%(4.6%, 9.3%)	529 7.0%(5.0%, 9.7%)
Used any of the following over-the-counter pain relievers - Ibuprofen	NA	1,152 14.8%(11.6%, 18.8%)	1,042 13.9%(10.9%, 17.4%)
Used any of the following over-the-counter pain relievers - Naproxen	NA	154 2.0%(1.0%, 3.8%)	122 1.6%(0.8%, 3.4%)
OQ2. During your most recent pregnancy, did you use any of the following prescription pain relievers?			
Used the following prescription pain relievers - Codeine	NA	123 1.6%(0.7%, 3.5%)	155 2.1%(1.1%, 3.9%)
Used the following prescription pain relievers - Fentanyl	NA	0%	22 0.3%(0.1%, 1.6%)
Used the following prescription pain relievers - Hydrocodone	NA	40 0.5%(0.1%, 2.0%)	22 0.3%(0.1%, 1.6%)
Used the following prescription pain relievers - Hydromorphone or meperidine	NA	20 0.3%(0.0%, 1.7%)	41 0.5%(0.2%, 2.0%)
Used the following prescription pain relievers - Morphine	NA	7 0.1%(0.0%, 0.3%)	68 0.9%(0.4%, 2.3%)
Used the following prescription pain relievers - Oxycodone	NA	61 0.8%(0.3%, 2.0%)	109 1.5%(0.7%, 3.1%)
Used the following prescription pain relievers - Oxymorphone	NA	0%	22 0.3%(0.1%, 1.6%)
Used the following prescription pain relievers - Tramadol	NA	36 0.5%(0.1%, 2.5%)	60 0.8%(0.3%, 2.3%)
OQ3. Where did you get the prescription pain relievers that you used during your most recent pregnancy? (Sample size too small to report.)			
OQ4. What were your reasons for using prescription pain relievers during your most recent pregnancy? (Sample size too small to report.)			
OQ5. In each of the following time periods during your pregnancy, for how many weeks or months did you use prescription pain relievers? (Sample size too small to report.)			
OQ6. During your most recent pregnancy, did you want or need to cut down or stop using prescription pain relievers? (Sample size too small to report.)			
OQ7. During your most recent pregnancy, did you have trouble cutting down or stopping use of the prescription pain relievers? (Sample size too small to report.)			

FOOTNOTES:
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OPIOID

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
OQ8. During your most recent pregnancy, did you get help from a doctor, nurse, or other health care worker to cut down or stop using prescription pain relievers? (Sample size too small to report.)			
OQ9. During your most recent pregnancy, did you receive medication-assisted treatment to help you stop using prescription pain relievers? (Sample size too small to report.)			
OQ10. Do you think the use of prescription pain relievers during pregnancy could be harmful to a baby's health?			
Harmful, even if taken as prescribed	NA	4,034 56.0%(50.9%, 61.1%)	3,494 49.2%(44.4%, 54.0%)
Not harmful, if taken as prescribed	NA	2,838 39.4%(34.5%, 44.6%)	3,182 44.8%(40.1%, 49.7%)
Not harmful at all	NA	326 4.5%(2.9%, 7.0%)	421 5.9%(4.1%, 8.6%)
OQ11. Do you think the use of prescription pain relievers could be harmful to a woman's own health?			
Harmful, even if taken as prescribed	NA	2,622 35.8%(31.0%, 40.9%)	2,140 30.0%(25.8%, 34.6%)
Not harmful, if taken as prescribed	NA	4,168 56.9%(51.8%, 61.9%)	4,380 61.4%(56.6%, 65.9%)
Not harmful at all	NA	534 7.3%(5.1%, 10.4%)	619 8.7%(6.4%, 11.7%)
OQ12. At any time during your most recent pregnancy, did a doctor, nurse, or other health care worker talk with you about how using prescription pain relievers during pregnancy could affect a baby?			
YES	NA	3,271 43.0%(38.1%, 48.0%)	3,322 46.0%(41.2%, 50.7%)
NO	NA	4,337 57.0%(52.0%, 61.9%)	3,908 54.0%(49.3%, 58.8%)
OQ13. During your most recent pregnancy, did you take or use any of the following medications or drugs for any reason?			
Used Medication for depression	NA	259 3.3%(2.0%, 5.4%)	312 4.2%(2.7%, 6.4%)
Used Medication for anxiety	NA	81 1.0%(0.5%, 2.4%)	118 1.6%(0.8%, 3.2%)
Used Methadone	NA	3 0.0%(0.0%, 0.2%)	19 0.3%(0.0%, 1.7%)
Used Naloxone	NA	0%	0%
Used Cannabidiol (CBD) products	NA	0%	0%

FOOTNOTES:
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ORAL HEALTH

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q20. During your most recent pregnancy, did you have your teeth cleaned by a dentist or dental hygienist?			
YES	4,787 59.5%(54.6%, 64.2%)	4,565 57.1%(52.2%, 61.9%)	3,930 51.2%(46.6%, 55.8%)
NO	3,261 40.5%(35.8%, 45.4%)	3,433 42.9%(38.1%, 47.8%)	3,743 48.8%(44.2%, 53.4%)
Q21. This question is about other care of your teeth during your most recent pregnancy.			
A dental or other health care worker talked with me about how to care for my teeth and gums	4,825 60.2%(55.3%, 65.0%)	4,638 58.9%(53.9%, 63.6%)	4,223 54.9%(50.3%, 59.5%)
I had insurance to cover dental care during my pregnancy	7,201 90.3%(86.9%, 92.9%)	6,991 88.9%(85.3%, 91.7%)	6,981 91.7%(88.8%, 93.9%)
I knew it was important to care for my teeth and gums during my pregnancy	6,742 83.8%(79.9%, 87.0%)	6,657 84.6%(80.5%, 87.9%)	6,713 87.5%(84.2%, 90.2%)
I needed to see a dentist for a problem	1,286 16.1%(12.8%, 19.9%)	1,131 14.4%(11.3%, 18.3%)	1,536 20.2%(16.8%, 24.2%)
I went to a dentist or dental clinic about a problem	1,201 14.9%(11.8%, 18.7%)	1,134 14.4%(11.3%, 18.3%)	1,241 16.2%(13.1%, 19.9%)
Q22. Did any of the following things make it hard for you to go to a dentist or dental clinic during your most recent pregnancy?			
I could not afford to go to the dentist or dental clinic	578 7.3%(5.1%, 10.2%)	678 8.5%(6.2%, 11.7%)	419 5.5%(3.8%, 8.0%)
I could not find a dentist or dental clinic that would take Medicaid patients	578 7.3%(5.1%, 10.4%)	454 5.8%(3.8%, 8.6%)	330 4.4%(2.8%, 6.7%)
I could not find a dentist or dental clinic that would take pregnant patients	500 6.3%(4.4%, 9.0%)	686 8.6%(6.2%, 12.0%)	511 6.7%(4.8%, 9.4%)
I did not think it was safe to go to the dentist during pregnancy	1,072 13.6%(10.6%, 17.2%)	1,360 17.1%(13.7%, 21.3%)	1,680 22.2%(18.5%, 26.3%)

POSTPARTUM CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q57. Since your new baby was born, have you had a postpartum checkup for yourself?			
YES	7,213 90.9%(87.7%, 93.3%)	7,245 90.8%(87.5%, 93.3%)	6,764 88.9%(85.6%, 91.5%)
NO	723 9.1%(6.7%, 12.3%)	733 9.2%(6.7%, 12.5%)	844 11.1%(8.5%, 14.4%)
Q58. During your postpartum checkup, did a doctor, nurse, or other health care worker(HCW) do any of the following things?			
HCW asked if I was feeling down or depressed	6,817 95.0%(92.2%, 96.9%)	6,737 94.1%(91.1%, 96.1%)	6,176 92.6%(89.6%, 94.9%)
HCW asked if I was smoking cigarettes	4,677 66.1%(60.9%, 71.0%)	4,682 66.1%(61.1%, 70.8%)	3,920 58.9%(53.9%, 63.7%)
HCW asked if someone was hurting me emotionally/physically	4,604 64.3%(59.1%, 69.3%)	4,623 64.6%(59.5%, 69.3%)	4,108 61.1%(56.1%, 65.8%)
HCW discussed birth control methods to use after giving birth	6,589 92.3%(89.1%, 94.6%)	6,608 92.0%(88.8%, 94.4%)	6,103 91.1%(87.7%, 93.5%)
HCW discussed healthy eating, exercise and losing pregnancy weight	4,478 62.7%(57.4%, 67.6%)	4,475 62.8%(57.7%, 67.6%)	4,035 60.1%(55.1%, 64.8%)
HCW discussed how long to wait before getting pregnant again	4,248 60.1%(54.8%, 65.1%)	4,426 62.5%(57.4%, 67.4%)	3,623 54.2%(49.2%, 59.1%)
HCW discussed taking a vitamin with folic acid	3,544 50.6%(45.3%, 55.9%)	3,690 52.2%(47.0%, 57.4%)	3,258 48.9%(43.9%, 53.9%)
HCW gave or prescribed a contraceptive method	3,580 50.7%(45.4%, 55.9%)	3,280 46.1%(41.0%, 51.2%)	2,848 42.5%(37.7%, 47.5%)
HCW inserted an IUD or contraceptive implant	1,943 27.7%(23.2%, 32.7%)	1,814 25.4%(21.2%, 30.2%)	1,333 19.9%(16.2%, 24.2%)
HCW tested me for diabetes	2,465 34.8%(30.0%, 40.0%)	2,315 33.8%(29.0%, 39.0%)	1,861 28.2%(24.0%, 32.9%)
Q70. Since your new baby was born, have you used any of these services?			
Received counseling for depression or anxiey postpartum - YES	705 8.9%(6.5%, 12.1%)	1,123 14.4%(11.2%, 18.3%)	1,016 13.6%(10.7%, 17.1%)
Received counseling for depression or anxiey postpartum - NO	7,189 91.1%(87.9%, 93.5%)	6,662 85.6%(81.7%, 88.8%)	6,444 86.4%(82.9%, 89.3%)
Received parenting classes postpartum - YES	795 10.1%(7.4%, 13.6%)	1,038 13.3%(10.3%, 17.1%)	715 9.6%(7.2%, 12.7%)
Received parenting classes postpartum - NO	7,070 89.9%(86.4%, 92.6%)	6,759 86.7%(82.9%, 89.7%)	6,742 90.4%(87.3%, 92.8%)

FOOTNOTES:
1. Data source: Pregnancy Risk Assessment Monitoring System, Data years for 2018, 2019, 2020 births. DC Health, Center for Policy, Planning and Evaluaation, DC PRAMS.
2. N and % (95% CI) represent the weighted frequency and weighted percentage of mothers. Values with large confidence intervals should be interpreted with caution.

PRECONCEPTION CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q1-Q2. Pre-Pregnancy weight (How tall are you without shoes? Just before you got pregnant with your new baby, how much did you weigh?)			
Pre-pregnancy weight was considered underweight	246 3.3%(1.9%, 5.8%)	367 4.9%(3.1%, 7.9%)	261 3.7%(2.2%, 6.0%)
Pre-pregnancy weight was normal	4,226 56.3%(51.1%, 61.3%)	3,844 51.7%(46.6%, 56.8%)	3,764 52.9%(48.0%, 57.6%)
Pre-pregnancy weight was considered overweight	1,447 19.3%(15.6%, 23.6%)	1,740 23.4%(19.3%, 28.1%)	1,682 23.6%(19.8%, 28.0%)
Pre-pregnancy weight was considered obese	1,589 21.2%(17.3%, 25.6%)	1,481 19.9%(16.2%, 24.3%)	1,413 19.8%(16.3%, 23.9%)
Q4. During the 3 months before you got pregnant with your new baby, did you have any of the following health conditions?			
Had Type 1 or Type 2 diabetes before pregnancy - YES	314 3.8%(2.3%, 6.3%)	205 2.6%(1.4%, 4.5%)	229 3.0%(1.8%, 5.0%)
Had Type 1 or Type 2 diabetes before pregnancy - NO	7,843 96.2%(93.7%, 97.7%)	7,825 97.4%(95.5%, 98.6%)	7,357 97.0%(95.0%, 98.2%)
Had High blood pressure before pregnancy - YES	431 5.3%(3.5%, 7.9%)	387 4.8%(3.2%, 7.2%)	476 6.3%(4.4%, 8.8%)
Had High blood pressure before pregnancy - NO	7,728 94.7%(92.1%, 96.5%)	7,627 95.2%(92.8%, 96.8%)	7,092 93.7%(91.2%, 95.6%)
Q5. During the month before you got pregnant with your new baby, how many times a week did you take a multivitamin, a prenatal vitamin, or a folic acid vitamin?			
Took prenatal vitamins the month before pregnancy 4 or more times a week - YES	3,757 46.7%(41.8%, 51.6%)	3,807 47.1%(42.2%, 51.9%)	3,940 51.5%(46.8%, 56.1%)
Took prenatal vitamins the month before pregnancy 4 or more times a week - NO	4,295 53.3%(48.4%, 58.2%)	4,280 52.9%(48.1%, 57.8%)	3,717 48.5%(43.9%, 53.2%)
Q6. In the 12 months before you got pregnant with your new baby, did you have any health care visits with a doctor, nurse, or other health care worker, including a dental or mental health worker?			
YES	5,711 71.8%(67.3%, 76.0%)	5,863 73.2%(68.5%, 77.4%)	5,500 72.1%(67.8%, 76.1%)
NO	2,239 28.2%(24.0%, 32.7%)	2,145 26.8%(22.6%, 31.5%)	2,124 27.9%(23.9%, 32.2%)

FOOTNOTES:
1. Data source: Pregnancy Risk Assessment Monitoring System, Data years for 2018, 2019, 2020 births. DC Health, Center for Policy, Planning and Evaluaation, DC PRAMS.
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PRECONCEPTION CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q7. What type of health care visit did you have in the 12 months before you got pregnant with your new baby?			
Visit for a regular checkup with OB/GYN	4,171 71.4%(65.9%, 76.3%)	4,222 71.5%(66.2%, 76.3%)	3,843 69.3%(64.1%, 74.1%)
Visit for an illness or chronic condition	996 17.1%(13.1%, 22.1%)	879 15.0%(11.4%, 19.3%)	794 14.3%(11.0%, 18.5%)
Visit for an injury	308 5.3%(3.2%, 8.6%)	441 7.5%(4.9%, 11.2%)	311 5.6%(3.6%, 8.8%)
Visit for depression or anxiety	593 10.1%(7.1%, 14.2%)	640 10.8%(7.9%, 14.8%)	549 9.9%(7.1%, 13.6%)
Visit for family planning / birth control	1,657 28.4%(23.3%, 34.0%)	1,655 28.0%(23.2%, 33.4%)	1,344 24.2%(19.9%, 29.2%)
Visit for other reason	1,140 19.6%(15.2%, 24.8%)	994 16.8%(13.0%, 21.5%)	671 12.1%(8.9%, 16.2%)
Visit regular family doctor	3,564 61.0%(55.1%, 66.6%)	3,490 59.1%(53.5%, 64.5%)	3,187 57.5%(52.0%, 62.8%)
Visit with dentist	4,019 68.8%(63.2%, 73.9%)	4,146 70.3%(64.8%, 75.2%)	3,782 68.4%(63.2%, 73.3%)

PRECONCEPTION CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q8. During any of your health care visits in the 12 months before you got pregnant, did a doctor, nurse, or other health care worker do any of the following things?			
Ask me if someone was hurting me emotionally or physically	2,787 49.7%(43.8%, 55.7%)	3,184 55.8%(50.1%, 61.4%)	2,711 50.8%(45.2%, 56.3%)
Ask me if I was feeling down or depressed	2,969 52.9%(46.9%, 58.8%)	3,548 61.9%(56.3%, 67.2%)	2,839 53.3%(47.7%, 58.8%)
Ask me if I was smoking cigarettes	4,798 82.8%(77.8%, 86.8%)	4,842 84.2%(79.8%, 87.8%)	4,394 81.9%(77.2%, 85.8%)
Ask me about the kind of work I do	4,097 72.3%(66.6%, 77.3%)	4,137 71.4%(66.1%, 76.3%)	3,659 68.3%(62.9%, 73.2%)
Talk to me about using birth control to prevent pregnancy	3,081 53.8%(47.9%, 59.7%)	3,195 55.7%(50.0%, 61.3%)	2,764 51.9%(46.3%, 57.4%)
Talk to me about controlling any medical conditions such as diabetes or high blood pressure	965 17.0%(13.1%, 21.8%)	1,335 23.1%(18.7%, 28.2%)	1,263 23.7%(19.4%, 28.7%)
Talk to me about how I could improve my health before a pregnancy	2,484 44.0%(38.1%, 49.9%)	2,782 48.5%(42.9%, 54.2%)	2,182 40.7%(35.4%, 46.3%)
Talk to me about maintaining a healthy weight	2,585 46.0%(40.1%, 51.9%)	2,595 45.3%(39.7%, 51.0%)	2,379 44.2%(38.8%, 49.7%)
Talk to me about my desire to have or not have children	3,284 57.6%(51.7%, 63.3%)	3,264 56.5%(50.8%, 62.1%)	3,087 57.3%(51.8%, 62.7%)
Talk to me about sexually transmitted infections	2,128 38.0%(32.4%, 43.8%)	2,433 42.6%(37.0%, 48.3%)	2,042 38.3%(33.1%, 43.8%)
Tell me to take a vitamin with folic acid	2,549 45.2%(39.3%, 51.2%)	2,669 46.1%(40.5%, 51.8%)	2,453 45.5%(40.0%, 51.0%)
Test me for HIV	3,215 58.2%(52.1%, 64.1%)	3,104 54.7%(49.0%, 60.3%)	2,462 46.2%(40.8%, 51.8%)

FOOTNOTES:
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PRENATAL CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q13. Did mother have prenatal care visit?			
Had prenatal care	7,641 99.4%(98.5%, 99.7%)	7,708 99.0%(97.4%, 99.6%)	7,142 98.9%(97.2%, 99.5%)
I didn't go for prenatal care	49 0.6%(0.3%, 1.5%)	76 1.0%(0.4%, 2.6%)	83 1.1%(0.5%, 2.8%)
Q14. Did you get prenatal care as early in your pregnancy as you wanted?			
YES	7,242 90.3%(87.1%, 92.7%)	6,772 85.8%(81.8%, 89.0%)	6,592 87.2%(83.8%, 90.0%)
NO	782 9.7%(7.3%, 12.9%)	1,120 14.2%(11.0%, 18.2%)	965 12.8%(10.0%, 16.2%)
Q15. Did any of these things keep you from getting prenatal care when you wanted it?			
I had too many other things going on	182 23.5%(13.6%, 37.6%)	326 29.3%(18.0%, 44.0%)	180 17.5%(9.7%, 29.6%)
The doctor or my health plan would not start care as early as I wanted	133 17.4%(8.7%, 31.8%)	244 22.6%(13.0%, 36.4%)	233 22.5%(13.7%, 34.8%)
I didn't have anyone to take care of my children	37 4.9%(1.7%, 13.0%)	214 19.5%(10.2%, 34.1%)	104 10.3%(4.7%, 21.2%)
I didn't have any transportation to get to the clinic or doctor's office	96 12.5%(5.3%, 26.5%)	158 14.7%(7.3%, 27.1%)	50 5.0%(1.7%, 13.7%)
I didn't have enough money or insurance to pay for my visits	127 15.9%(7.9%, 29.7%)	286 25.1%(15.0%, 39.0%)	108 10.6%(5.0%, 21.2%)
I couldn't take time off from work or school	75 9.5%(4.2%, 20.3%)	184 17.1%(8.6%, 31.1%)	68 6.7%(2.6%, 16.3%)
I couldn't get an appointment when I wanted one	310 38.7%(25.5%, 53.8%)	500 45.4%(32.1%, 59.3%)	478 46.1%(34.1%, 58.6%)
I didn't have my Medicaid card	78 10.2%(4.1%, 23.2%)	122 11.5%(5.2%, 23.7%)	80 7.9%(3.2%, 18.6%)
I didn't know that I was pregnant	286 37.1%(24.4%, 51.9%)	599 52.3%(38.8%, 65.5%)	272 25.9%(16.6%, 38.1%)
I didn't want anyone else to know I was pregnant	92 12.0%(5.4%, 24.5%)	136 12.4%(6.0%, 23.9%)	83 8.2%(3.3%, 18.7%)
I didn't want prenatal care	27 3.7%(0.5%, 21.0%)	47 4.4%(1.3%, 13.6%)	44 4.3%(1.3%, 13.6%)

PRENATAL CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q16. During any of your prenatal care visits, did a doctor, nurse, or other health care worker ask you any of the things listed below?			
HCW discussed drinking alcohol	7,781 96.7%(94.6%, 98.1%)	7,432 93.4%(90.4%, 95.6%)	7,074 93.4%(90.7%, 95.4%)
HCW discussed drug use	6,747 85.0%(80.9%, 88.3%)	6,477 81.5%(77.4%, 85.0%)	5,717 75.7%(71.4%, 79.5%)
HCW discussed feeling down or depressed	6,287 78.9%(74.5%, 82.8%)	6,576 83.2%(79.3%, 86.5%)	5,848 77.2%(73.1%, 80.9%)
HCW discussed HIV testing	5,666 72.6%(67.9%, 76.9%)	5,584 71.7%(67.1%, 75.9%)	4,442 59.5%(54.8%, 64.1%)
HCW discussed physical or emotional abuse	5,915 74.4%(69.7%, 78.5%)	5,926 74.9%(70.5%, 78.9%)	5,279 69.7%(65.2%, 73.8%)
HCW discussed plans to breastfeed	6,879 86.8%(83.0%, 89.9%)	6,912 87.6%(84.0%, 90.5%)	6,449 84.9%(81.2%, 88.0%)
HCW discussed smoking cigarettes	7,756 96.7%(94.4%, 98.1%)	7,459 93.8%(90.8%, 95.8%)	7,108 93.9%(91.2%, 95.8%)
HCW discussed taking prescription medications	7,538 93.7%(90.9%, 95.7%)	7,565 95.2%(92.2%, 97.0%)	7,284 95.7%(93.4%, 97.2%)
HCW discussed using birth control postpartum	6,259 78.8%(74.4%, 82.7%)	6,251 79.5%(75.3%, 83.1%)	5,697 75.6%(71.3%, 79.4%)
HCW discussed weight gain	5,073 64.7%(59.8%, 69.3%)	4,786 61.2%(56.2%, 65.9%)	4,030 53.7%(49.0%, 58.3%)

PRENATAL CARE

Q17. How did you feel about the prenatal care you got during your most recent pregnancy?

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
The advice I got on how to take care of myself - SATISFIED	7,314 91.4%(88.1%, 93.8%)	7,124 90.3%(86.9%, 92.8%)	6,748 89.6%(86.4%, 92.2%)
The advice I got on how to take care of myself - DISSATISFIED	689 8.6%(6.2%, 11.9%)	769 9.7%(7.2%, 13.1%)	781 10.4%(7.8%, 13.6%)
The amount of time I had to wait - SATISFIED	7,023 88.3%(84.8%, 91.2%)	6,697 84.8%(80.8%, 88.0%)	6,488 85.9%(82.3%, 88.8%)
The amount of time I had to wait - DISSATISFIED	927 11.7%(8.8%, 15.2%)	1,205 15.2%(12.0%, 19.2%)	1,066 14.1%(11.2%, 17.7%)
The amount of time the doctor, nurse, or midwife spent with me - SATISFIED	7,275 90.8%(87.4%, 93.3%)	7,115 90.2%(86.8%, 92.8%)	6,759 89.8%(86.6%, 92.3%)
The amount of time the doctor, nurse, or midwife spent with me -DISSATISFIED	739 9.2%(6.7%, 12.6%)	770 9.8%(7.2%, 13.2%)	772 10.2%(7.7%, 13.4%)
The understanding and respect shown toward me as a person - SATISFIED	7,700 96.4%(94.1%, 97.9%)	7,345 93.1%(90.1%, 95.3%)	7,210 95.5%(93.1%, 97.0%)
The understanding and respect shown toward me as a person - DISSATISFIED	285 3.6%(2.1%, 5.9%)	541 6.9%(4.7%, 9.9%)	343 4.5%(3.0%, 6.9%)

PRENATAL CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q23. During your most recent pregnancy, did you have any of the following health conditions?			
Had Gestational Diabetes - YES	359 4.4%(2.8%, 6.9%)	397 5.0%(3.3%, 7.5%)	603 7.9%(5.7%, 10.8%)
Had Gestational Diabetes - NO	7,700 95.6%(93.1%, 97.2%)	7,561 95.0%(92.5%, 96.7%)	7,056 92.1%(89.2%, 94.3%)
Had high blood pressure, pre-eclampsia or eclampsia - YES	954 11.9%(9.3%, 15.2%)	1,087 13.7%(10.7%, 17.3%)	1,128 14.8%(11.9%, 18.2%)
Had high blood pressure, pre-eclampsia or eclampsia - NO	7,056 88.1%(84.8%, 90.7%)	6,847 86.3%(82.7%, 89.3%)	6,510 85.2%(81.8%, 88.1%)
Q24. Did you have any of the following problems during your most recent pregnancy?			
Vaginal bleeding	1,133 14.1%(11.1%, 17.8%)	1,310 16.4%(13.1%, 20.3%)	1,398 18.4%(15.1%, 22.3%)
Kidney or bladder (urinary tract) infection (UTI)	1,206 15.0%(11.9%, 18.8%)	1,201 15.1%(11.9%, 19.1%)	890 11.8%(9.2%, 15.0%)
Severe nausea, vomiting, or dehydration that sent me to the doctor or hospital	1,538 19.1%(15.6%, 23.3%)	1,537 19.3%(15.6%, 23.6%)	1,376 18.1%(14.8%, 21.9%)
Cervix had to be sewn shut (cerclage for incompetent cervix)	235 2.9%(1.7%, 5.0%)	256 3.2%(1.8%, 5.7%)	141 1.9%(1.0%, 3.4%)
Problems with the placenta (such as abruptio placentae or placenta previa)	356 4.5%(3.0%, 6.6%)	455 5.7%(4.0%, 8.2%)	538 7.1%(5.1%, 9.7%)
Labor pains more than 3 weeks before my baby was due (preterm or early labor)	1,233 15.3%(12.4%, 18.8%)	1,196 15.1%(12.0%, 18.9%)	1,079 14.3%(11.5%, 17.6%)
Water broke more than 3 weeks before my baby was due (preterm premature rupture of membranes [PPROM])	438 5.5%(4.0%, 7.4%)	452 5.7%(4.2%, 7.8%)	484 6.4%(4.8%, 8.5%)
blood transfusion	179 2.2%(1.4%, 3.7%)	157 2.0%(0.9%, 4.2%)	151 2.0%(1.1%, 3.6%)
hurt in a car accident	133 1.7%(0.8%, 3.4%)	256 3.2%(1.9%, 5.5%)	115 1.5%(0.7%, 3.1%)
Q25. During your most recent pregnancy, did a doctor, nurse, or other health care worker give you a series of weekly shots of a medicine called progesterone, Makena®, or 17 P (17 alpha-hydroxyprogesterone)			
YES	646 8.3%(6.0%, 11.4%)	618 8.0%(5.7%, 11.2%)	413 5.7%(4.0%, 8.1%)
NO	7,103 91.7%(88.6%, 94.0%)	7,063 92.0%(88.8%, 94.3%)	6,799 94.3%(91.9%, 96.0%)

PRENATAL CARE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q68. During your most recent pregnancy, did you get any of these services?			
Had counseling service during pregnancy - YES	913 11.4%(8.7%, 14.9%)	994 12.6%(9.7%, 16.3%)	931 12.4%(9.6%, 15.8%)
Had counseling service during pregnancy - NO	7,084 88.6%(85.1%, 91.3%)	6,873 87.4%(83.7%, 90.3%)	6,586 87.6%(84.2%, 90.4%)
Had parenting class during pregnancy - YES	2,632 33.0%(28.4%, 37.9%)	2,625 33.2%(28.7%, 38.0%)	1,778 23.8%(20.0%, 28.0%)
Had parenting class during pregnancy - NO	5,348 67.0%(62.1%, 71.6%)	5,291 66.8%(62.0%, 71.3%)	5,705 76.2%(72.0%, 80.0%)

FOOTNOTES:
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SAFE SLEEP

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q49. In which one position do you most often lay your baby down to sleep now?			
Stomach	546 6.9%(4.8%, 9.9%)	589 7.5%(5.2%, 10.6%)	621 8.2%(6.0%, 11.1%)
Side/Stomach	94 1.2%(0.5%, 3.0%)	52 0.7%(0.2%, 2.6%)	47 0.6%(0.2%, 1.9%)
Side/Back	325 4.1%(2.7%, 6.4%)	242 3.1%(1.8%, 5.3%)	283 3.7%(2.3%, 5.9%)
Side	603 7.7%(5.4%, 10.8%)	744 9.4%(6.9%, 12.8%)	462 6.1%(4.2%, 8.7%)
Back/Stomach	53 0.7%(0.2%, 2.2%)	99 1.3%(0.5%, 3.1%)	111 1.5%(0.7%, 3.1%)
Back	6,095 77.4%(73.0%, 81.2%)	6,026 76.3%(71.8%, 80.4%)	5,956 78.6%(74.5%, 82.2%)
All 3 positions	162 2.1%(1.0%, 4.1%)	141 1.8%(0.8%, 3.9%)	97 1.3%(0.5%, 3.0%)
Q50. In the past 2 weeks, how often has your new baby slept alone in his or her own crib or bed?			
Always/often	6,234 78.9%(74.6%, 82.6%)	6,301 80.2%(75.9%, 83.9%)	6,076 80.3%(76.3%, 83.7%)
Sometimes	1,108 14.0%(11.0%, 17.7%)	719 9.2%(6.6%, 12.5%)	785 10.4%(7.8%, 13.6%)
Rarely/never	560 7.1%(5.0%, 10.0%)	833 10.6%(7.9%, 14.1%)	709 9.4%(7.0%, 12.4%)
Q51. When your new baby sleeps alone, is his or her crib or bed in the same room where you sleep?			
YES	6,242 84.0%(79.6%, 87.6%)	6,600 88.4%(84.9%, 91.2%)	6,067 86.3%(82.5%, 89.3%)
NO	1,189 16.0%(12.4%, 20.4%)	862 11.6%(8.8%, 15.1%)	964 13.7%(10.7%, 17.5%)

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SAFE SLEEP

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q52. How did your new baby usually sleep in the past 2 weeks?			
In an infant car seat or swing	3,332 43.2%(38.3%, 48.3%)	3,317 42.7%(37.8%, 47.7%)	2,806 37.9%(33.4%, 42.6%)
In a crib, bassinet, or pack and play	7,324 92.9%(90.1%, 95.0%)	7,185 90.8%(87.5%, 93.4%)	6,901 91.6%(88.6%, 93.8%)
In a sleeping sack or wearable blanket	3,434 45.2%(40.1%, 50.3%)	3,096 39.7%(35.0%, 44.6%)	3,081 41.6%(37.0%, 46.4%)
On a couch, sofa, or armchair	506 6.6%(4.6%, 9.4%)	646 8.3%(5.9%, 11.5%)	531 7.2%(5.1%, 10.0%)
On a twin or larger mattress or bed	2,358 30.8%(26.4%, 35.5%)	2,530 32.8%(28.3%, 37.7%)	2,368 31.9%(27.7%, 36.4%)
With a blanket	2,716 35.4%(30.8%, 40.3%)	2,948 38.2%(33.4%, 43.2%)	2,420 32.7%(28.4%, 37.2%)
With crib bumper pads (mesh or non-mesh)	778 10.3%(7.6%, 13.8%)	900 11.7%(8.6%, 15.6%)	575 7.8%(5.6%, 10.7%)
With toys, cushions, or pillows, including nursing pillows	684 8.9%(6.4%, 12.2%)	491 6.3%(4.2%, 9.4%)	422 5.7%(3.9%, 8.3%)
Q53. Did a doctor, nurse, or other health care worker tell you any of the following things?			
Place my baby to sleep in a crib, bassinet, or pack and play	7,320 92.3%(89.1%, 94.5%)	7,134 90.9%(87.6%, 93.4%)	6,785 90.9%(87.8%, 93.3%)
Place my baby on his or her back to sleep	7,516 94.9%(92.3%, 96.7%)	7,425 94.5%(91.8%, 96.4%)	7,194 96.2%(93.9%, 97.6%)
Place my baby's crib or bed in my room	5,753 73.6%(69.0%, 77.7%)	5,262 68.6%(63.7%, 73.1%)	5,026 67.7%(63.1%, 72.0%)
What things should and should not go in bed with my baby	7,143 90.2%(86.7%, 92.9%)	7,217 92.2%(89.1%, 94.5%)	6,621 88.6%(85.3%, 91.3%)

SUBSTANCE USE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q27. In the 3 months before you got pregnant, how many cigarettes did you smoke on an average day?			
Smoked 3 months before pregnancy - YES	601 7.5%(5.4%, 10.3%)	723 9.1%(6.6%, 12.3%)	623 8.2%(6.0%, 11.0%)
Smoked 3 months before pregnancy - NO	7,423 92.5%(89.7%, 94.6%)	7,255 90.9%(87.7%, 93.4%)	7,012 91.8%(89.0%, 94.0%)
Q28. In the last 3 months of your pregnancy, how many cigarettes did you smoke on an average day?			
Smoked last 3 months of pregnancy - YES	175 2.2%(1.2%, 3.8%)	276 3.5%(2.1%, 5.5%)	143 1.9%(1.0%, 3.5%)
Smoked last 3 months of pregnancy - NO	7,851 97.8%(96.2%, 98.8%)	7,702 96.5%(94.5%, 97.9%)	7,489 98.1%(96.5%, 99.0%)
Q29, How many cigarettes do you smoke on an average day now?			
Smoked after pregnancy - YES	379 4.7%(3.2%, 6.9%)	480 6.0%(4.1%, 8.8%)	389 5.1%(3.4%, 7.5%)
Smoked after pregnancy - NO	7,677 95.3%(93.1%, 96.8%)	7,489 94.0%(91.2%, 95.9%)	7,265 94.9%(92.5%, 96.6%)
Q30. Does your husband or partner smoke inside your home?			
YES	247 3.1%(1.8%, 5.4%)	166 2.1%(1.1%, 4.0%)	188 2.5%(1.4%, 4.5%)
NO	7,748 96.9%(94.6%, 98.2%)	7,749 97.9%(96.0%, 98.9%)	7,383 97.5%(95.5%, 98.6%)
Q31. Not including yourself or your husband or partner, does anyone else smoke cigarettes inside your home?			
YES	266 3.3%(1.9%, 5.8%)	109 1.4%(0.6%, 3.0%)	94 1.2%(0.6%, 2.7%)
NO	7,735 96.7%(94.2%, 98.1%)	7,813 98.6%(97.0%, 99.4%)	7,478 98.8%(97.3%, 99.4%)

SUBSTANCE USE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q32. Have you used any of the following products in the past 2 years?			
Smoked ecigs in the last 2 years - YES	208 2.6%(1.4%, 4.8%)	172 2.2%(1.1%, 4.2%)	185 2.4%(1.3%, 4.4%)
Smoked ecigs in the last 2 years - NO	7,821 97.4%(95.2%, 98.6%)	7,754 97.8%(95.8%, 98.9%)	7,388 97.6%(95.6%, 98.7%)
Smoked hookah in the last 2 years - YES	551 6.9%(4.8%, 9.9%)	719 9.1%(6.6%, 12.5%)	531 7.1%(5.0%, 9.9%)
Smoked hookah in the last 2 years - NO	7,409 93.1%(90.1%, 95.2%)	7,166 90.9%(87.5%, 93.4%)	6,995 92.9%(90.1%, 95.0%)
Q33. During the 3 months before you got pregnant, on average, how often did you use e-cigarettes or other electronic nicotine products?			
Smoked ecigs in the 3 months before pregnancy - YES	176 2.2%(1.1%, 4.4%)	81 1.0%(0.3%, 3.0%)	123 1.6%(0.8%, 3.4%)
Smoked ecigs in the 3 months before pregnancy - NO	7,884 97.8%(95.6%, 98.9%)	7,848 99.0%(97.0%, 99.7%)	7,450 98.4%(96.6%, 99.2%)
Q34. During the last 3 months of your pregnancy, on average, how often did you use e-cigarettes or other electronic nicotine products?			
Smoked ecigs in the last 3 months of pregnancy - YES	0 0.0%(0.0%, 0.0%)	32 0.4%(0.1%, 2.7%)	39 0.5%(0.1%, 2.0%)
Smoked ecigs in the last 3 months of pregnancy - NO	8,015 100.0%(0.0%, 0.0%)	7,897 99.6%(97.3%, 99.9%)	7,534 99.5%(98.0%, 99.9%)
Q36. During the 3 months before you got pregnant, how many alcoholic drinks did you have in an average week?			
Reported heavy drinking 3 months before pregnancy - YES	158 2.0%(1.0%, 3.8%)	273 3.5%(2.1%, 5.8%)	340 4.5%(2.9%, 7.0%)
Reported heavy drinking 3 months before pregnancy - NO	7,868 98.0%(96.2%, 99.0%)	7,580 96.5%(94.2%, 97.9%)	7,184 95.5%(93.0%, 97.1%)

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SUBSTANCE USE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q66. During your most recent pregnancy, did you take or use any of the following drugs for any reason?			
Used adderall or other stimulant	12 0.1%(0.0%, 0.5%)	116 1.5%(0.6%, 3.4%)	58 0.8%(0.3%, 2.3%)
Used amphetamines, meth	0 0.0%(0.0%, 0.0%)	3 0.0%(0.0%, 0.2%)	0 0.0%(0.0%, 0.0%)
Used cocaine	10 0.1%(0.0%, 0.5%)	3 0.0%(0.0%, 0.2%)	0 0.0%(0.0%, 0.0%)
Used Hallucinogens	8 0.1%(0.0%, 0.5%)	3 0.0%(0.0%, 0.2%)	22 0.3%(0.0%, 1.6%)
Used heroin	0 0.0%(0.0%, 0.0%)	3 0.0%(0.0%, 0.2%)	19 0.3%(0.0%, 1.7%)
Used marijuana or hash	334 4.2%(2.7%, 6.4%)	430 5.4%(3.5%, 8.3%)	362 4.8%(3.2%, 7.1%)
Used methadone	18 0.2%(0.0%, 1.5%)	10 0.1%(0.0%, 0.3%)	19 0.3%(0.0%, 1.7%)
Used OTC pain-reliever	4,104 51.9%(46.9%, 56.9%)	4,119 52.0%(47.0%, 56.9%)	4,423 59.0%(54.3%, 63.5%)
Used prescription pain-reliever	324 4.1%(2.5%, 6.5%)	135 1.7%(0.8%, 3.8%)	238 3.2%(1.9%, 5.2%)
Used synthetic marijuana or K2, spice	0 0.0%(0.0%, 0.0%)	3 0.0%(0.0%, 0.2%)	24 0.3%(0.1%, 1.5%)
Used tranquilizers	0 0.0%(0.0%, 0.0%)	20 0.3%(0.0%, 1.7%)	0 0.0%(0.0%, 0.0%)

VACCINATION

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q18. During the 12 months before the delivery of your new baby, did a doctor, nurse, or other health care worker offer you a flu shot or tell you to get one?			
YES	7,416 93.2%(90.5%, 95.1%)	7,057 90.4%(86.9%, 93.0%)	6,926 92.2%(89.4%, 94.4%)
NO	542 6.8%(4.9%, 9.5%)	752 9.6%(7.0%, 13.1%)	582 7.8%(5.6%, 10.6%)
Q19. During the 12 months before the delivery of your new baby, did you get a flu shot?			
YES	5,730 73.4%(68.9%, 77.4%)	5,338 67.5%(62.7%, 72.1%)	5,463 73.1%(68.8%, 77.0%)
NO	2,076 26.6%(22.6%, 31.1%)	2,565 32.5%(27.9%, 37.3%)	2,010 26.9%(23.0%, 31.2%)

VIOLENCE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q37. During the 12 months before your new baby was born, how often did you feel unsafe in the neighborhood where you lived?			
always/often	304 3.8%(2.4%, 6.1%)	606 7.6%(5.3%, 10.8%)	509 6.7%(4.7%, 9.4%)
sometimes	911 11.4%(8.5%, 15.0%)	885 11.1%(8.4%, 14.7%)	996 13.1%(10.2%, 16.6%)
rarely/never	6,792 84.8%(80.9%, 88.1%)	6,458 81.2%(77.0%, 84.9%)	6,103 80.2%(76.3%, 83.7%)
Q38. In the 12 months before you got pregnant with your new baby, did any of the following people push, hit, slap, kick, choke, or physically hurt you in any other way?			
Experienced IPV during the 12 months before pregnancy from a hustband or partner and/or and ex-husband or partner - YES	143 1.8%(1.0%, 3.3%)	271 3.5%(2.0%, 5.9%)	223 3.0%(1.7%, 5.1%)
Experienced IPV during the 12 months before pregnancy from a hustband or partner and/or and ex-husband or partner - NO	7,825 98.2%(96.7%, 99.0%)	7,549 96.5%(94.1%, 98.0%)	7,251 97.0%(94.9%, 98.3%)
Q39. During your most recent pregnancy, did any of the following people push, hit, slap, kick, choke, or physically hurt you in any other way?			
Experienced IPV during pregnancy from a husband or partner and/or an ex-husband or partner - YES	135 1.7%(0.9%, 3.3%)	180 2.3%(1.2%, 4.3%)	172 2.3%(1.2%, 4.2%)
Experienced IPV during pregnancy from a husband or partner and/or an ex-husband or partner - NO	7,837 98.3%(96.7%, 99.1%)	7,644 97.7%(95.7%, 98.8%)	7,324 97.7%(95.8%, 98.8%)
Q40. During your most recent pregnancy, did any of the following things happen to you?			
Husband/partner forced me to participate in unwanted touching or sexual activity during pregnancy	38 0.5%(0.1%, 1.9%)	135 1.7%(0.8%, 3.7%)	55 0.7%(0.3%, 2.0%)
Husband/partner threatened me or made me feel unsafe during pregnancy	251 3.2%(1.8%, 5.4%)	192 2.5%(1.3%, 4.5%)	247 3.3%(2.0%, 5.4%)
Husband/partner tried to control daily activities during pregnancy	232 2.9%(1.7%, 5.1%)	252 3.3%(1.9%, 5.5%)	222 3.0%(1.8%, 5.0%)
Was frightened for safety because of the anger or threat of husband/partner during pregnancy	157 2.0%(1.0%, 3.8%)	118 1.5%(0.7%, 3.4%)	186 2.5%(1.4%, 4.4%)

VIOLENCE

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q62. Since your new baby was born, have any of the following things happened to you?			
Husband/partner forced me to participate in unwanted touching or sexual activity after pregnancy	6 0.1%(0.0%, 0.3%)	155 2.0%(0.9%, 4.2%)	50 0.7%(0.2%, 2.0%)
Husband/partner threatened me or made me feel unsafe after pregnancy	143 1.8%(0.9%, 3.6%)	260 3.4%(2.0%, 5.6%)	124 1.7%(0.8%, 3.3%)
Husband/partner tried to control daily activities after pregnancy	166 2.1%(1.1%, 4.0%)	332 4.3%(2.7%, 6.8%)	115 1.5%(0.7%, 3.2%)
Was frightened for safety because of the anger or threat of husband/partner after pregnancy	141 1.8%(0.8%, 3.8%)	257 3.3%(1.9%, 5.7%)	63 0.9%(0.4%, 2.0%)

OTHER

	2018 N % (95% CI)	2019 N % (95% CI)	2020 N % (95% CI)
Q71. Since your new baby was born, how often would you say you have been worried or stressed about having enough money to pay your bills?			
Always/often	1,021 13.0%(10.0%, 16.6%)	1,011 13.0%(9.9%, 16.9%)	894 12.0%(9.3%, 15.3%)
Sometimes	1,457 18.5%(15.0%, 22.6%)	1,742 22.3%(18.5%, 26.7%)	1,256 16.8%(13.6%, 20.6%)
Rarely/never	5,395 68.5%(63.8%, 72.9%)	5,046 64.7%(59.8%, 69.3%)	5,319 71.2%(66.8%, 75.2%)
Q72. Do you have one or more persons you think of as your personal doctor or nurse?			
YES	4,390 55.7%(50.7%, 60.5%)	3,972 50.7%(45.7%, 55.6%)	4,028 53.8%(49.1%, 58.4%)
NO	3,497 44.3%(39.5%, 49.3%)	3,870 49.3%(44.4%, 54.3%)	3,459 46.2%(41.6%, 50.9%)

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