

# **PREGNANCY RISK ASSESSMENT MONITORING SYSTEM (PRAMS)**

2020 Oregon Births:  
COVID-19 Supplement

# INTRODUCTION

## PRAMS

The Oregon Pregnancy Risk Assessment Monitoring System (PRAMS) is a project of the Oregon Health Authority Public Health Division with support from the national Centers for Disease Control and Prevention (CDC).

PRAMS collects data on maternal attitudes and experiences prior to, during, and immediately after pregnancy for a sample of Oregonians who recently had a baby. The sample data are analyzed in a way that allows findings to be applied to all those who have recently had a baby. For more information about PRAMS, please visit the [Oregon PRAMS website](#), [CDC PRAMS website](#), or contact the Oregon PRAMS coordinator, Caitlyn Howell, at [caitlyn.b.howell@oha.oregon.gov](mailto:caitlyn.b.howell@oha.oregon.gov) or 971-401-2560.

## HOW TO USE THIS DOCUMENT

This document contains the 11 questions from a CDC COVID Experiences Supplement that ran from October 2020 to March 2021 (for July through December 2020 births). Please see the PDF of 2020 Frequencies for all the questions asked during this period.

## INTERESTED IN OBTAINING DATA?

Oregon PRAMS datasets are available for external use. If you're interested in obtaining data, please contact Al Sandoval at 503-227-9445 or at [alfredo.p.sandoval@state.or.us](mailto:alfredo.p.sandoval@state.or.us). For data that involve multiple states, please visit the [CDC PRAMS website](#).

# INTRODUCTION

## NOTES ABOUT THE 2020 DATA

- 2020 Data collected under Centers for Disease Control and Prevention (CDC) protocol.
- Results are from October 2020 through June 2021, covering births July 1, 2020, through December 31, 2021.
- 927 people responded to the COVID Experiences supplement.
- “n” = unweighted number of respondents for a question.
- “Valid Percent” is a weighted percentage. It represents the use of denominators that exclude blanks and unknowns. Valid Percent may not add up to 100.0 due to rounding.
- “Percent of Cases” indicates a question where respondents were able to select more than one answer. This column will add up to over 100.0 because of the multiple responses.
- Significantly lower number of respondents to certain questions usually indicate a skip pattern in the questionnaire.

## Accessibility and Language

This document can be provided upon request in an alternate format for individuals with disabilities or in a language other than English for people with limited English skills. To request this publication in another format or language, call 971-673-0349 or 711 (TTY), or fax 971-673-1128. Oregon PRAMS acknowledges that the language surrounding pregnancy and birth, including terms such as “women” and “mothers,” is gendered and may or may not reflect the range of gender identities and diversity of people who can become pregnant, give birth, or raise children.

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## COVID-19 Experiences Supplement

**During the COVID-19 pandemic, which types of *prenatal care* appointments did you attend? (QCV1)**

	Valid Percent
In-person appointments only	44.1
Virtual appointments (video or telephone) only	0.9
Both, in-person and virtual appointments	54.9
I did not have prenatal care	0.1

(n = 927)

**What are the reasons that you did not attend virtual appointments for *prenatal care*? (QCV2)** *[Respondents prompted to skip if they had virtual/hybrid prenatal care or if they did not have any prenatal care on QCV1]*

a. Lack of availability of virtual appointments from my provider

(n = 332)	Valid Percent
No	77.6
Yes	22.4

b. Lack of an available telephone to use for appointments (n = 333)

	Valid Percent
No	97.5
Yes	2.5

c. Lack of enough cellular data or cellular minutes (n = 332)

	Valid Percent
No	99.2
Yes	0.8

d. Lack of a computer or device (n = 332)

	Valid Percent
No	98.0
Yes	2.0

e. Lack of internet service or had unreliable internet (n = 333)

	Valid Percent
No	96.2
Yes	3.8

f. Lack of a private or confidential space to use (n = 333)

	Valid Percent
No	99.2
Yes	0.8

g. I preferred seeing my health care provider in person (n = 340)

	Valid Percent
No	16.3
Yes	83.7

## COVID-19 Experiences Supplement

**What are the reasons that you did not attend virtual appointments for *prenatal care*?** (QCV2 cont.) [Respondents prompted to skip if they had virtual/hybrid prenatal care or if they did not have any prenatal care on QCV1]

h. Other reason (n = 279)	Valid Percent
No	70.3
Yes	29.7

**Were any of your *prenatal care* appointments canceled or delayed during the COVID-19 pandemic due to the following reasons?** (QCV3)

a. My appointments were canceled or delayed because my provider's office was closed or had reduced hours (n = 923)	Valid Percent
No	80.1
Yes	19.9

b. I canceled or delayed because I was afraid of being exposed to COVID-19 during the appointments (n = 919)	Valid Percent
No	91.8
Yes	8.2

c. I canceled or delayed because I lost my health insurance during the COVID-19 pandemic (n = 919)	Valid Percent
No	99.8
Yes	0.2

d. I canceled or delayed because I had problems finding care for my children or other family members (n = 918)	Valid Percent
No	91.8
Yes	8.2

e. I canceled or delayed because I worried about taking public transportation and had no other way to get there (n = 919)	Valid Percent
No	96.9
Yes	3.1

f. My appointments were canceled or delayed because I had to self-isolate due to possible COVID-19 exposure or infection (n = 922)	Valid Percent
No	92.5
Yes	7.5

## COVID-19 Experiences Supplement

**While you were *pregnant*, how often did you do the following things to avoid getting COVID-19? (QCV4)**

a. Avoided gatherings of more than 10 people (n = 932)	Valid Percent
Always	63.4
Sometimes	26.4
Never	10.2
b. Stayed at least 6 feet (2 meters) away from others when I left my home (n = 929)	Valid Percent
Always	71.9
Sometimes	25.4
Never	2.7
c. Only left my home for essential reasons (n = 926)	Valid Percent
Always	66.4
Sometimes	25.1
Never	8.5
d. Made trips as short as possible when I left my home (n = 930)	Valid Percent
Always	73.2
Sometimes	18.3
Never	8.5
e. Avoided having visitors inside my home (n = 927)	Valid Percent
Always	56.8
Sometimes	33.1
Never	10.2
f. Wore a mask or a cloth face covering when out in public (n = 926)	Valid Percent
Always	88.5
Sometimes	10.9
Never	0.6
g. Washed hands for 20 seconds with soap and water (n = 927)	Valid Percent
Always	87.4
Sometimes	12.4
Never	0.2
h. Used alcohol-based hand sanitizer (n = 927)	Valid Percent
Always	79.3
Sometimes	18.1
Never	2.6

## COVID-19 Experiences Supplement

**While you were *pregnant*, how often did you do the following things to avoid getting COVID-19? (QCV4 cont.)**

i. Covered coughs and sneezes with a tissue or my elbow (n = 928)	Valid Percent
Always	96.0
Sometimes	2.2
Never	0.7

**While you were *pregnant* during the COVID-19 pandemic, did you have any of the following experiences? (QCV5)**

a. I had responsibilities or a job that prevented me from staying home (n = 927)	Valid Percent
No	56.8
Yes	43.2

b. Someone in my household had a job that required close contact with other people (n = 929)	Valid Percent
No	44.8
Yes	55.2

c. When I went out, I found that other people around me did not practice social distancing (n = 926)	Valid Percent
No	42.2
Yes	57.8

d. I had trouble getting disinfectant to clean my home (n = 932)	Valid Percent
No	73.5
Yes	26.5

e. I had trouble getting hand sanitizer or hand soap for my household (n = 934)	Valid Percent
No	74.7
Yes	25.3

f. I had trouble getting or making masks or cloth face coverings (n = 933)	Valid Percent
No	91.9
Yes	8.1

g. it was hard for me to wear a mask or cloth face covering (trouble breathing, claustrophobia) (n = 934)	Valid Percent
No	66.2
Yes	33.8



## COVID-19 Experiences Supplement

**While you were *pregnant* during the COVID-19 pandemic, did you have any of the following experiences? (QCV5 cont.)**

h. I was told by a health care provider that I had COVID-19 (n = 931)		Valid Percent
No		96.4
Yes		3.6

  

i. Someone in my household was told by a health care provider that they had COVID-19 (n = 930)		Valid Percent
No		95.1
Yes		4.9

**Who was with you in the hospital delivery room as a support person during your labor and delivery?\*** (QCV6) *[Respondents prompted to skip if their baby was not born in a hospital]*

	Percent of Cases
My husband or partner	93.0%
Another family member or friend	15.9%
A doula	4.1%
Some other support person (not including hospital staff)	2.3%
The hospital did not allow me to have any support people	0.5%

(n = 892)

**While in the hospital after your delivery, did any of the following things happen to you and your baby because of COVID-19?** (QCV7)

*[Respondents prompted to skip if their baby was not alive]*

a. My baby was tested for COVID-19 in the hospital (n = 835)		Valid Percent
No		92.6
Yes		7.4

  

b. I was separated from my baby in the hospital after delivery <i>to protect my baby from COVID-19</i> (n = 891)		Valid Percent
No		98.6
Yes		1.4

  

c. I wore a mask when other people came into my hospital room (n = 892)		Valid Percent
No		35.3
Yes		64.7

\* Respondents were able to select multiple responses.

## COVID-19 Experiences Supplement

### While in the hospital after your delivery, did any of the following things happen to you and your baby because of COVID-19? (QCV7 cont.)

[Respondents prompted to skip if their baby was not alive]

d. I wore a mask while I was alone caring for my baby in the hospital (n = 889)	Valid Percent
No	87.5
Yes	12.5

e. I was given information about how to protect my baby from COVID-19 when I went home (n = 875)	Valid Percent
No	51.0
Yes	49.0

### Did the COVID-19 pandemic affect breastfeeding for you and your baby in any of the following ways? (QCV8) [Respondents prompted to skip if they did not breastfeed their baby]

a. I was given information in the hospital about how to protect my baby from infection while breastfeeding (n = 831)	Valid Percent
No	62.1
Yes	37.9

b. I wore a mask while breastfeeding in the hospital (n = 840)	Valid Percent
No	81.2
Yes	18.8

c. I pumped breast milk in the hospital so someone else could feed my baby to avoid him or her getting infected (n = 839)	Valid Percent
No	94.3
Yes	5.7

d. Due to COVID-19, I had trouble getting a visit from a lactation specialist while I was in the hospital (n = 832)	Valid Percent
No	91.1
Yes	8.9

### In what ways did the COVID-19 pandemic affect your baby's routine health care? (QCV9) [Respondents prompted to skip if they baby was not currently living with them]

a. My baby's well visits or checkups were canceled or delayed (n = 913)	Valid Percent
No	91.5
Yes	8.5

## COVID-19 Experiences Supplement

### In what ways did the COVID-19 pandemic affect your baby's routine health care?

(QCV9 cont.) [Respondents prompted to skip if their baby was not currently living with them]

b. My baby's well visits or checkups were changed from in-person visits to virtual appointments (video or telephone) (n = 912)		Valid Percent
No		89.3
Yes		10.7

  

c. My baby's immunizations were postponed (n = 907)		Valid Percent
No		93.6
Yes		6.4

### During the COVID-19 pandemic, which types of postpartum appointments did you attend for yourself? (QCV10)

	Valid Percent
In-person appointments only	60.3
Virtual appointments (video or telephone) only	5.3
Both, in-person and virtual appointments	27.9
I did not have any postpartum appointments for myself	6.5

(n = 922)

### Did any of following things happen to you due to the COVID-19 pandemic? (QCV11)

a. I lost my job or had a cut in work hours or pay (n = 927)		Valid Percent
No		67.7
Yes		32.3

  

b. Other members of my household lost their jobs or had a cut in work hours or pay (n = 923)		Valid Percent
No		68.9
Yes		31.3

  

c. I had problems paying the rent, mortgage, or other bills (n = 924)		Valid Percent
No		83.1
Yes		16.9

  

d. A member of my household or I received unemployment benefits (n = 924)		Valid Percent
No		69.2
Yes		30.8

  

e. I had to move or relocate (n = 926)		Valid Percent
No		86.9
Yes		13.1

## COVID-19 Experiences Supplement

### Did any of following things happen to you *due to the COVID-19 pandemic?*

(QCV11 cont.)

f. I became homeless (n = 926)	Valid Percent
No	98.0
Yes	2.0
g. The loss of childcare or school closures made it difficult to manage all my responsibilities (n = 927)	Valid Percent
No	72.8
Yes	27.2
h. I had to spend more time than usual taking care of children or other family members (n = 925)	Valid Percent
No	61.4
Yes	38.6
i. I worried whether our food would run out before I got money to buy more (n = 925)	Valid Percent
No	85.6
Yes	14.4
j. I felt more anxious than usual (n = 924)	Valid Percent
No	43.5
Yes	56.6
k. I felt more depressed than usual (n = 921)	Valid Percent
No	65.1
Yes	34.9
l. My husband or partner and I had more verbal arguments or conflicts than usual (n = 925)	Valid Percent
No	77.0
Yes	23.0
m. My husband or partner was more physically, sexually, or emotionally aggressive towards me (n = 888)*	Valid Percent
No	96.6
Yes	3.4

\* Note: Teen participants ages 19 and younger are not asked this question.

## Demographic and Birth Certificate Variables\*

### Respondents' combined race and ethnicity (Birth Certificate Variable)

	Valid Percent
Hispanic	19.8
Non-Hispanic African American	2.5
Non-Hispanic American Indian/Alaskan Native	0.9
Non-Hispanic Asian	5.7
Non-Hispanic Hawaiian/Pacific Islander	0.7
Non-Hispanic Multiple race	3.9
Non-Hispanic Unknown Other/Blank	0.6
Non-Hispanic White	65.9

(n = 1,677)

### Respondents' marital status (Birth Certificate Variable)

	Valid Percent
Not married	38.0
Married	62.0

(n = 1,675)

### Respondents' type of county of residence: urban or rural (Birth Certificate Variable)

	Valid Percent
Rural	15.2
Urban	84.8

(n = 1,677)

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\* Information obtained from birth certificates is noted. All other information is from the PRAMS survey.

## Demographic and Birth Certificate Variables

### Respondents' age in years, by groups (Birth Certificate Variable)

	Valid Percent
< 18	0.8
18 to 19	2.1
20 to 24	19.4
25 to 29	25.1
30 to 34	32.1
≥ 35	20.5

(n = 1,677)

### Is your baby alive now\*? (Q38)

	Valid Percent
No	0.3
Yes	99.7

(n = 1,648)

### Is your baby living with you now\*? (Q39)

*[Respondent prompted to skip if their baby was not alive at time of survey – 'No' on Q38]*

	Valid Percent
No	0.4
Yes	99.6

(n = 1,644)

### In what country were you born? (Q78)

	Valid Percent
United States	82.7
Other country	17.3

(n = 1,629)

\*Now refers to when respondents were taking the survey (postpartum).

## Demographic and Birth Certificate Variables

### Age in years, by group when respondent moved to the United States (Q79)

[Respondent prompted to skip if they were born in the United States – 'United States' on Q78]

	Valid Percent
< 18	47.9
18 to 19	9.7
20 to 24	21.2
25 to 29	15.4
30 to 34	5.8
≥ 35	NR

(n = 473)

### During the 12 months before your new baby was born, what was your yearly total household income before taxes? (Q80)

	Valid Percent
\$0 to \$16,000	13.3
\$16,001 to \$20,000	7.2
\$20,001 to \$24,000	4.8
\$24,001 to \$28,000	3.1
\$28,001 to \$32,000	6.1
\$32,001 to \$40,000	7.6
\$40,001 to \$48,000	4.3
\$48,001 to \$57,000	5.6
\$57,001 to \$60,000	2.9
\$60,001 to \$73,000	5.7
\$73,001 to \$85,000	5.5
\$85,001 or more	33.9

(n = 1,458)

## Demographic and Birth Certificate Variables

During the *12 months before your new baby was born*, how many people, *including yourself*, depended on this income? (Q81)

	Valid Percent
1	9.6
2	37.1
3	29.0
4	13.3
5	6.8
6	3.0
7	0.9
8	0.2
9	NR
10	0.0
11	0.0
12	0.0

(n = 1,565)

**Post-survey calculated variable: Federal Poverty Level\***

	Valid Percent
At or below 100% FPL	19.9
More than 100% FPL	80.1

(n = 1,439)

**Post-survey calculated variable: Federal Poverty Level Groups (4)**

	Valid Percent
At or below 100% FPL	19.9
100.1% to 200.0% FPL	20.6
200.1% to 400.0% FPL	28.9
> 400% FPL	30.6

(n = 1,439)

\* The Federal Poverty Level (FPL) is a measure of income issued every year by the Department of Health and Human Services. For more information, visit [healthcare.gov](https://www.healthcare.gov).



## Demographic and Birth Certificate Variables

### Post-survey calculated variable: Federal Poverty Level Groups (3)

	Valid Percent
At or below 100% FPL	19.9
100.1% to 200.0% FPL	20.6
> 200% FPL	59.5

(n = 1,439)

