

## Appendix 1. Survey Instrument

<b>Demographics</b>
Which racial/ethnic background(s) do you most identify with? Choose all that apply.
When did you give birth?
How old are you?
What Midwestern state do you live in?
How many weeks pregnant were you when you gave birth?
Where did you have your birth?
What type of healthcare provider delivered your baby?
How would you describe the area you lived in during your pregnancy?
What is the highest degree or level of education that you have?
What was your relationship status at the time of birth?
<b>Health Outcomes</b>
While you were pregnant, were you ever diagnosed with COVID-19?
Did you have your labor induced? This describes the process where a healthcare provider gives you medicine to start labor.
Did you receive an epidural? This describes the process where a healthcare provider injects pain medication directly into your spinal cavity to reduce pain during labor.
What type of delivery did you have?
At any point during your pregnancy, what health issues were you diagnosed with? Choose all that apply.
Please list the health issue that was not listed.
What complications did your baby experience? Choose all that apply.
Please list any complications your baby experienced that was not listed.
<b>Discrimination</b>
I was afraid of having a complication during my pregnancy due to the color of my skin.
I was afraid that I would experience discrimination during my pregnancy due to the color of my skin.
I trusted that my healthcare provider would listen to me if I expressed a health concern.
I trusted that the hospital staff would listen to me if I expressed a health concern.
I felt like my concerns were dismissed by my healthcare provider.
My healthcare provider took my pain seriously while I was in labor.
I believe that the discrimination I experienced during my pregnancy was due to the color of my skin.
I was afraid of dying due to a pregnancy-related issue due to the color of my skin.
<b>Satisfaction</b>
I felt supported by friends and family throughout my pregnancy.
I felt supported by my healthcare provider throughout my pregnancy.
Overall, were you pleased with your birth experience? Birth experience includes all parts of your pregnancy and birth.

<b>Birth plan</b>
During your pregnancy, what level of anxiety and fear did you experience about COVID-19?
I considered an out-of-hospital birth due to fear of COVID-19.
How prepared did you feel to give birth during the COVID-19 pandemic?
Did the COVID-19 pandemic change your birth plans?
How did the COVID-19 pandemic change your birth plan?
What were your plans for feeding?
Did the COVID-19 pandemic change your feeding plans?
How did the COVID-19 pandemic change your feeding plans?
Were there any last minute changes to your birth plan due to the COVID-19 pandemic?
Please tell us what things changed in your birth plan.
Did you have a doula at any point during your pregnancy?
Why did you choose to not to have a doula?
<b>Questions asked to mothers who used doulas only</b>
Why did you choose to have a doula?
What race does your doula identify as? Choose all that apply.
I feel my doula prepared me to give birth during the COVID-19 pandemic.
Was your doula present in the delivery room?
I was satisfied with the amount of time my doula spent with me during my delivery.
My doula helped me to breastfeed, hand express, or pump.
My doula made me feel safe during my pregnancy.
I was confident in my doula's ability to advocate for me and my baby.
My doula decreased my experience with racism during my pregnancy.
My doula improved my birth experience.
My partner felt that my doula improved my birthing experience.
My partner was involved in my pregnancy (ie. helping to choose a doula, going to education classes, decision-making, etc).
Based on your experience with your doula, I would use a doula in the future.
Based on your experience with your doula, I would have more babies in the future.
How many times have you given birth?
If you have been pregnant before, did you have a doula?