



**ICHOM**

International Consortium for  
Health Outcomes Measurement

**PREGNANCY &  
CHILDBIRTH  
DATA COLLECTION  
REFERENCE GUIDE**

Version 1.0.3  
Revised: April 10th, 2017



Measuring  
results  
that matter

Mother-infant  
attachment

Pregnancy &  
Childbirth



We are thrilled that you are interested in measuring outcomes for women during Pregnancy & Childbirth according to ICHOM standards. It is our hope that this Reference Guide will facilitate the process of implementing our Standard Set and ensure collection of comparable data for global benchmarking and learning.

© 2016 ICHOM. All rights reserved. When using this set of outcomes, or quoting therefrom, in any way, we solely require that you always make a reference to ICHOM as the source so that this organization can continue its work to define more standard outcome sets.

# Introducing ICHOM and the Reference Guide

ICHOM brings together patient representatives, clinician leaders, and registry leaders from all over the world to develop Standard Sets, comprehensive yet parsimonious sets of outcomes and case-mix variables we recommend all providers track.

Each Standard Set focuses on patient-centered results, and provides an internationally-agreed upon method for measuring each of these outcomes. We do this because we believe that standardized outcomes measurement will open up new possibilities to compare performance globally, allow clinicians to learn from each other, and rapidly improve the care we provide our patients.

Our Standard Sets include initial conditions and risk factors to enable meaningful case-mix adjustment globally, ensuring that comparisons of outcomes will take into account the differences in patient populations across not just providers, but also countries and regions. We also include high-level treatment variables to allow stratification of outcomes by major treatment types. A comprehensive data dictionary is included in the appendix.

## Working Group Members for Pregnancy and Childbirth

The following individuals dedicated both time and expertise to develop the ICHOM Standard Set for Pregnancy & Childbirth in partnership with ICHOM and under the leadership of Dr. Arie Franx, Professor of Obstetrics and the Division President and Medical Manager of the Division of Women and Babies at the University Medical Center, Utrecht.

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# Supporting Organizations

The Pregnancy & Childbirth Standard Set is made possible through the support of the following sponsors:

Thank you.



**Government  
of South Australia**

SA Health

## Conditions Covered for Pregnancy & Childbirth

We developed this set with the aim of measuring the outcomes that matter most to women during pregnancy and childbirth. However, we recognize the significant practical constraints on doing so given the variety of care providers and settings in which women seek care throughout this care cycle and the variety of interventions and management options available. Therefore, the set was designed to provide valid and beneficial outcomes data for a wide range of interventions and care settings.

The Pregnancy & Childbirth Standard Set includes outcomes to evaluate maternity care for all women during pregnancy, labor and delivery, and up to six month postpartum. The Standard Set also includes a list of case-mix factors to allow for comparisons of outcomes across this broad patient population.

### Conditions

All women during:  
Pregnancy | Labor and delivery | Up to six months postpartum

# ICHOM Standard Set for Pregnancy & Childbirth

## Case-Mix Variables

Patient Population	Measure	Supporting Information	Timing	Suggested Data Sources
<b>Demographic Factors</b>				
All women	Age	Age at delivery	42 days postpartum	Administrative data
	Education level	Level of education completed		
	Race/ethnicity	Race/ethnicity as defined locally	Entry to prenatal care	Patient-reported
	Social Support	Assessed with the SIMSS		
<b>Obstetric and Medical History</b>				
All women	Parity	Parity greater than 0		
	Obstetric history	History of pre-term birth, hemorrhage, cesarean delivery or stillbirth		
	Medical history	Diagnosis of diabetes, hypertension or a mental health condition prior to pregnancy	Entry to prenatal care	Patient-reported
	Multiple gestations	Number of gestations in current pregnancy		
	Body height	Height		
	Body weight	Weight prior to pregnancy		
	Substance use	Tobacco use during pregnancy or substance use complicating the puerperium	42 days postpartum	Administrative data
	Congenital anomaly	Diagnosis of a congenital anomaly within 28 days of birth		

## Treatment Variables

Patient Population	Measure	Supporting Information	Timing	Suggested Data Sources
All women	Facility type	Type of facility at which birth occurred	42 days postpartum	Administrative data
	Route of delivery	Type of delivery		

## Outcomes

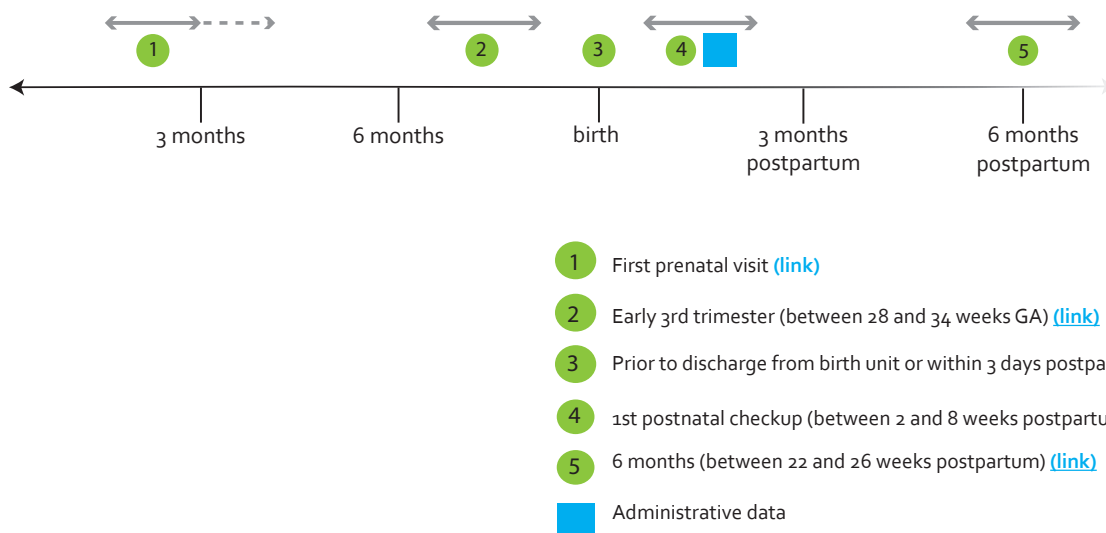
Patient Population	Measure	Supporting Information	Timing	Suggested Data Sources
<b>Survival</b>				
All women	Maternal death	WHO definition	42 days postpartum	Administrative data
	Still birth			
	Neonatal death			
<b>Severe Maternal Morbidity</b>				
All women	Maternal need for intensive care	ICU admission	42 days postpartum	Administrative data
	Maternal length of stay	Number of consecutive days in the hospital from delivery to discharge		
	Late maternal complication	Admission or re-admission within the first 42 days postpartum for childbirth related complications		
	Transfusion	Any transfusion of red blood cells within the first 42 days postpartum		
<b>Neonatal Morbidity</b>				
All women	Spontaneous pre-term birth	Live birth at <37+ 0 weeks gestation occurring after spontaneous labor or rupture of membranes	42 days postpartum	Administrative data
	Iatrogenic pre-term birth	Cesarean or labor induction before <37 weeks + 0 gestation excluding those occurring after spontaneous labor or rupture of membranes		
	Oxygen dependence	Administration of O <sub>2</sub> by any route for greater than 24 hours through 28 days of life		
	Neonate length of stay	Number of consecutive days in hospital from birth through 28 days of life		
	Birth injury	As defined by the California Maternal Quality Care Collaborative		
<b>Patient-reported health status</b>				
All women	Health related quality of life	Tracked via the PROMIS Global <sup>10</sup>	Entry to prenatal care 3rd trimester	Patient-reported
	Incontinence	Tracked via either the ICIQ-SF or Wexner	Postpartum check-up 6 months postpartum	
	Pain with intercourse	Tracked via PROMIS SFFAC <sup>102</sup>	Entry to prenatal care Postpartum check-up 6 months postpartum	

Breastfeeding				
All women	Success with breastfeeding	Exclusive or partial breastfeeding	Birth Postpartum check-up 6 months postpartum	Patient-reported
	Confidence with breastfeeding	Option to track via the BSES-SF	3 <sup>rd</sup> trimester Birth Postpartum check-up	
Role Transition				
All women	Mother-infant attachment	Tracked via the MIBS	Birth Postpartum check-up	Patient-reported
	Confidence with role as a mother	Woman's confidence in caring for her baby	Entry to prenatal care Postpartum check-up 6 months postpartum	
Mental Health				
All women	Postpartum depression	Assessed via the PHQ-2 with	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum	Patient-reported
		Optional follow-up with the EPDS	Postpartum check-up 6 months postpartum	
Satisfaction with care				
All women	Satisfaction with the results of care	N/A	3rd trimester Postpartum check-up 6 months postpartum	Patient-reported
Healthcare responsiveness				
All women	Confidence as an active participant in healthcare decisions	N/A	3rd trimester Postpartum check-up 6 months postpartum	Patient-reported
	Confidence in healthcare providers			
Birth experience				
All women	Birth experience	Assessed via the BSS_R	Postpartum check-up	Patient-reported



# Follow-Up Timeline and Sample Questionnaires

The following timeline illustrates when Standard Set variables should be collected from patients, clinicians, and administrative sources. Links to the sample patient questionnaires may be found in the legend below.



As presented above, data is collected either via patient-report or abstracted from administrative record. In cases in which there is no administrative record of events, data can be collected from a clinician attending the birth.

Data collection begins when a woman enters prenatal care. In many cases this is within the first trimester but may be considerably later in some care systems. If entry to prenatal care occurs close to or within the 3rd trimester, we recommend combining time points 1 and 2. In the case of a loss or termination of the pregnancy prior to 20 weeks but after the beginning of data collection, no further data collection should be pursued.

With the exception of time point 5 and collection of administrative data, the collection of all patient-reported data is timed to coincide with standard points at which women present for care. As some of the data collect from women at these times is clinically relevant, we recommend that women complete the patient-reported surveys prior presenting for care. Patient-portals or ePROM tools are ideal for this kind of data collection. Data can also be collected via pen and paper at the office prior to being seen.

Finally, we recognize that collection of data across the range of time points above will often require a coordinated effort between distinct care providers. Due to structural differences across care systems, we leave it to each implementing organization to determine how best to structure this coordinated effort.

# Collecting Patient-Reported Outcome Measures

Survey(s) Used	Licensing Information	Scoring Guide
PROMIS-10 and PROMIS item bank questions	Free for use in clinical practice and a license is not required. Information about available translations can be found here: <a href="http://www.nihpromis.org/measures/translations">http://www.nihpromis.org/measures/translations</a>	The scoring guide for the PROMIS-10 can be found at: <a href="https://www.assessmentcenter.net/documents/Scoring%20PROMIS%20Global%20short%20form.pdf">https://www.assessmentcenter.net/documents/Scoring%20PROMIS%20Global%20short%20form.pdf</a> Please see the Assessment Center for information on individual item bank items.
International Consultation on Incontinence Questionnaire - Urinary Incontinence Short Form (ICIQ-UI SF)	Free for use in clinical practice, routine outcomes measurement, and clinical research but requires permission for use from the developer. Please visit the following webpage to obtain permission and an official copy of the instrument or to inquire about translations: <a href="http://www.iciq.net/userpolicy.html">http://www.iciq.net/userpolicy.html</a>	Please visit the following webpage to obtain a scoring guide: <a href="http://www.iciq.net/userpolicy.html">http://www.iciq.net/userpolicy.html</a>
Wexner	Free for use. No license is required.	Please see Table 2 of Vaizey et al. (1999) Prospective comparison of faecal incontinence grading systems. Gut 44:77-80.
Breastfeeding Self-Efficacy Scale - Short Form (BSES-SF)	Free for use in clinical practice, routine outcomes measurement, and clinical research but requires permission from the developer. Please contact Dr. Cindy-Lee Dennis ( <a href="mailto:cindylee.dennis@utoronto.ca">cindylee.dennis@utoronto.ca</a> ) to obtain permission and an official copy of the instrument or to inquire about translations.	Please see Dennis, C-L. (2003) The Breastfeeding Self-Efficacy Scale: Psychometric assessment of the short form. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 32, 734-744. More information on this instrument can be found at: <a href="http://www.cindyleedennis.ca/research/#1-breastfeeding">http://www.cindyleedennis.ca/research/#1-breastfeeding</a>
Mother-to-Infant Bonding Scale (MIBS)	Free for use in clinical practice, routine outcomes measurement, and clinical research but requires permission from the developer. Please contact Dr. Alyx Taylor ( <a href="mailto:alyx.taylor@kcl.ac.uk">alyx.taylor@kcl.ac.uk</a> ) to obtain permission and an official copy of the instrument or to inquire about translations.	The complete scoring guide as well as information on clinical interpretation can be found at: <a href="http://www.ncbi.nlm.nih.gov/pubmed/15868385">http://www.ncbi.nlm.nih.gov/pubmed/15868385</a>
Patient Health Questionnaire-2 (PHQ-2)	Free for use. No license is required.	Scoring and clinical interpretation can be found at: <a href="http://www.cqaimh.org/pdf/tool_phq2.pdf">http://www.cqaimh.org/pdf/tool_phq2.pdf</a>

Edinburgh Postnatal Depression Scale (EPDS)	<p>Free for use. No license is required. Users may reproduce the scale without permissions provided they respect copyright (which remains with the British Journal of Psychiatry) by quoting the names of the authors, the title and the source of the paper in all reproduced copies.</p>	<p>The scoring guide and clinical interpretation can be found in Cox JL et al (1987) Detection of postnatal depression development of the 10-item Edinburgh Postnatal Depression Scale.</p>
Birth Satisfaction Scale - Revised (BSS-R)	<p>Free for use in clinical practice, routine outcomes measurement, and clinical research but requires permission from the developer. Please contact Prof Caroline J. Hollins Martin (c.hollinsmartin@napier.ac.uk) to obtain permission and an official copy of the instrument or to inquire about translations.</p>	<p>Scoring and interpretation are published in Hollins Martin CJ et al (2014) Development and psychometric properties of the Birth Satisfaction Scale - Revised (BSS-R). Midwifery 30: 610-619</p>

## The Growing ICHOM Community

By implementing the ICHOM Standard Sets, you become part of an expanding, international community of innovative health care providers dedicated to improving value for patients. To learn more about how ICHOM can assist your organization in implementing outcome measurement, contact us at [implement@ichom.org](mailto:implement@ichom.org), or visit <http://www.ichom.org/measure>.



# Introduction to the Data Dictionary

This data dictionary is designed to help you measure the ICHOM Pregnancy and Childbirth Standard Set as consistently as possible to the Working Group recommendation. ICHOM is actively preparing for benchmarking efforts based on this data, and all data submitted for comparisons will need to be transformed into the following data structure if not already structured as such. **We are happy to provide an Excel version of this data dictionary for technical use.**

Please timestamp all variables. Some Standard Set variables are collected at multiple timepoints, and we will ask you to submit these variables in a concatenated VARIABLEID\_TIMESTAMP form for future analyses. For example, VARIABLEID\_BASE (baseline); VARIABLEID\_6MO (6 month follow-up); VARIABLEID\_1YR (1 year follow-up), etc.

## Case-Mix Variables

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<b>Variable ID:</b>	N/A	CASE-MIX VARIABLES
<b>Variable:</b>	Patient ID	
<b>Definition:</b>	Indicate the patient's medical record number	
<b>Supporting Definition:</b>	This number will not be shared with ICHOM. In the case patient-level data is submitted to ICHOM for benchmarking or research purposes, a separate ICHOM Patient Identifier will be created and cross-linking between the ICHOM Patient Identifier and the medical record number will only be known at the treating institution.	
<b>Inclusion Criteria:</b>	All women	
<b>Timing:</b>	On all forms	
<b>Reporting Source:</b>	Administrative or clinical	
<b>Type:</b>	Numerical	
<b>Response Options:</b>	According to institution	

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## Demographic

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<b>Variable ID:</b>	AGE
<b>Variable:</b>	Age
<b>Definition:</b>	Age at time of delivery
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Numerical
<b>Response Options:</b>	Numerical value

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<b>Variable ID:</b>	EDUCATION
<b>Variable:</b>	Education level
<b>Definition:</b>	Please indicated the highest level of schooling completed.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options</b>	0 = None 1 = Primary 2 = Secondary

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<b>Variable ID:</b>	RACE_ETHNIC
<b>Variable:</b>	Race/ethnicity
<b>Definition:</b>	Varies by country and should be determined by country (not for cross country comparison)
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	N/A
<b>Variable ID:</b>	SIMSS
<b>Variable:</b>	Social Support
<b>Definition:</b>	How many people do you have near you that you can readily count on for help in time of difficulty such as to watch over children or pets, give rides to the hospital or store, or help when you are sick?
<b>Supporting Definition:</b>	The SIMSS
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = 0 1 = 1 2 = 2 - 5 3 = 6 - 10

## Obstetric and medical history

<b>Variable ID:</b>	PARITY
<b>Variable:</b>	Parity
<b>Definition:</b>	Have you given birth before? This includes both vaginal births and Cesarean sections (operations to remove your baby from your abdomen). Please do not count miscarriages or births that happened before 20 weeks (5 months) of pregnancy.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes
<b>Variable ID:</b>	OBHX
<b>Variable:</b>	Obstetric history
<b>Definition:</b>	If you have been pregnant before, have you experienced any of the following in previous pregnancies? Please mark all that apply.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Multiple answers
<b>Response Options:</b>	0 = This is my first pregnancy 1 = A baby born early, more than 3 weeks before his or her due date 2 = Bleeding so much during pregnancy, birth, or after giving birth that you needed to be given blood 3 = A cesarean section (operation to remove your baby through your abdomen) 4 = Loss of a pregnancy after 20 weeks (5 months) of pregnancy
<b>Variable ID:</b>	MEDHX
<b>Variable:</b>	Medical history

<b>Definition:</b>	BEFORE you got pregnant, did a doctor, nurse, or other health worker tell you that you had any of the following health conditions? Please mark all that apply.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Multiple answers
<b>Response Options:</b>	0 = None 1 = Diabetes 2 = High blood pressure or hypertension 3 = A mental health disorder such as depression, anxiety, bipolar disorder or schizophrenia
<b>Variable ID:</b>	MULTGEST
<b>Variable:</b>	Multiple gestations
<b>Definition:</b>	Are you pregnant with:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = One baby 2 = Two babies (twins) 3 = Three or more babies (triplets or higher)
<b>Variable ID:</b>	HEIGHT
<b>Variable:</b>	Body height
<b>Definition:</b>	How tall are you?
<b>Supporting Definition:</b>	Indicate height in centimeters or inches. Also indicate units of height. Height and weight are used to calculate BMI.
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Numeric value
<b>Response Options:</b>	Numeric value of height in metric or imperial system
<b>Variable ID:</b>	HEIGHTUNIT
<b>Variable:</b>	Body height units
<b>Definition:</b>	Height units
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = centimeters 2 = inches
<b>Variable ID:</b>	WEIGHT
<b>Variable:</b>	Body weight
<b>Definition:</b>	How much did you weigh IMMEDIATELY before your pregnancy?
<b>Supporting Definition:</b>	Indicate weight in kilograms or pounds. Also indicate units of weight. Height and weight are used to calculate BMI.
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Numeric value
<b>Response Options:</b>	Numeric value of weight in metric or imperial system
<b>Variable ID:</b>	WEIGHTUNIT
<b>Variable:</b>	Body weight units
<b>Definition:</b>	Weight units
<b>Supporting Definition:</b>	N/A

<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = kilograms 2 = pounds
<b>Variable ID:</b>	SUBUSETOB
<b>Variable:</b>	Substance use tobacco
<b>Definition:</b>	Tobacco use during pregnancy
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes
<b>Variable ID:</b>	SUBUSEDRUG
<b>Variable:</b>	Substance use drug
<b>Definition:</b>	Drug use complicating the puerperium
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes
<b>Variable ID:</b>	SUBUSEALC
<b>Variable:</b>	Substance use alcohol
<b>Definition:</b>	Alcohol use complicating the puerperium
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes
<b>Variable ID:</b>	CONANOMALY
<b>Variable:</b>	Congenital anomaly
<b>Definition:</b>	Diagnosis of a neonate with any of the following within 28 days of birth: Anencephaly, Spina bifida occulta, Meningo(myelo)cele, Hydrocephaly/holoprosencephaly without neural tube defect, Encephalocele, Neuromuscular abnormalities, Transposition of the great arteries, Tetralogy of Fallot, Hypoplastic left heart, Coarctation of the aorta, Complex cardiac malformation, Choanal atresia, Congenital malformation trachea, Lung hypoplasia, Hydro/Chylothorax, Congenital diaphragmatic hernia, Extrophia vesicase, Bilateral renal agenesis, Gastroschisis, Omphalocele, Trisomy 13, Trisomy 18, Trisomy 21, Congenital malignancy, Other
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes



## Treatment Variables

### Treatment variables

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<b>Variable ID:</b>	FACTYPE
<b>Variable:</b>	Facility type
<b>Definition:</b>	Indicate where the birth took place:
<b>Supporting Definition:</b>	Using local NICU level definitions
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Birth at home or birth center 1 = Birth at a hospital with a level 1 or 2 NICU 2 = Birth at a hospital with a level 3 NICU or higher

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<b>Variable ID:</b>	DEVTYPE
<b>Variable:</b>	Route of delivery
<b>Definition:</b>	Indicate the route of birth:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Spontaneous vaginal delivery 1 = Forceps or vacuum vaginal delivery 2 = Delivery by cesarean section

## Outcomes

### Survival

<b>Variable ID:</b>	MATERNALDEATH
<b>Variable:</b>	Maternal death
<b>Definition:</b>	Death of a female from any cause related to or aggravated by pregnancy or its management (excluding accidental or incidental causes) during pregnancy and childbirth or within 42 days of pregnancy termination, irrespective of site or duration of the pregnancy*
<b>Supporting Definition:</b>	*This outcome should be tracked by all providers but will not be used for comparisons between providers or provider organizations
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Date
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	STILLBIRTH
<b>Variable:</b>	Stillbirth
<b>Definition:</b>	Pregnancy loss at or after 28+0 weeks gestation or a birthweight of greater or equal to 1000 grams
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Date
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	NEODEATH
<b>Variable:</b>	Neonatal death
<b>Definition:</b>	Death of a live born neonate up to 28 days of life
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Date
<b>Response Options:</b>	DD/MM/YYYY

### Severe maternal morbidity

<b>Variable ID:</b>	ICUADMIT
<b>Variable:</b>	Maternal need for intensive care
<b>Definition:</b>	Admission to an ICU or a unit that provides 24-hour medical supervision and is able to provide mechanical ventilation or continuous vasoactive drug support at any point during pregnancy through 42 days postpartum for pregnancy or childbirth related complications. OR Transfer to another facility for intensive care.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	42 days postpartum
<b>Reporting Source:</b>	Administrative
<b>Type:</b>	Single answer
<b>Response Option:</b>	0 = No 1 = Yes
<b>Variable ID:</b>	MLOS
<b>Variable:</b>	Maternal length of stay
<b>Definition:</b>	Number of consecutive days in the hospital from delivery to discharge
<b>Supporting Definition:</b>	Recorded as date of delivery and date of discharge

**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum  
**Reporting Source:** Administrative  
**Type:** Date  
**Response Options:** DD/MM/YYYY delivery  
DD/MM/YYYY discharge

**Variable ID:** READMIT  
**Variable:** Late maternal complication  
**Definition:** Admission to a hospital within the first 42 days postpartum for childbirth related complications.\*  
**Supporting Definition:** \*Excludes initial hospitalization for childbirth  
**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum  
**Reporting Source:** Administrative  
**Type:** Single Answer  
**Response Options:** 0 = No  
1 = Yes

**Variable ID:** TRANS  
**Variable:** Transfusion  
**Definition:** Any transfusion of red blood cells within the first 42 days postpartum  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum  
**Reporting Source:** Administrative  
**Type:** Single Answer  
**Response Options:** 0 = No  
1 = Yes

## Neonatal morbidity

**Variable ID:** SPRETERM  
**Variable:** Spontaneous pre-term birth  
**Definition:** Live birth at <37+ 0 weeks gestation occurring after spontaneous labor or rupture of membranes  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum  
**Reporting Source:** Administrative  
**Type:** Date  
**Response Options:** DD/MM/YYYY

**Variable ID:** IPRETERM  
**Variable:** Iatrogenic pre-term birth  
**Definition:** Cesarean or labor induction before <37+ 0 weeks gestation excluding those occurring after spontaneous labor or rupture of membranes  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum  
**Reporting Source:** Administrative  
**Type:** Single Answer  
**Response Options:** 0 = No  
1 = Yes

**Variable ID:** OXYGEN  
**Variable:** Oxygen dependence  
**Definition:** Administration of O<sub>2</sub> by any route for greater than 24 hours at any point during the first 28 days of life  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum

**Reporting Source:** Administrative  
**Type:** Single Answer  
**Response Options:** 0 = No  
 1 = Yes

**Variable ID:** NLOS  
**Variable:** Neonate length of stay  
**Definition:** Number of consecutive days in hospital from birth through 28 days of life  
**Supporting Definition:** Recorded as date of birth and date of discharge  
**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum  
**Reporting Source:** Administrative  
**Type:** Date  
**Response Options:** DD/MM/YYYY birth  
 DD/MM/YYYY discharge

**Variable ID:** BIRTHINJ  
**Variable:** Birth injury  
**Definition:** Subdural and cerebral hemorrhage, massive epicranial subaponeurotic hemorrhage, other injuries to skeleton due to birth trauma, injury to spine and spinal cord due to birth trauma, injury to brachial plexus due to birth trauma, other cranial and peripheral nerve injuries due to birth trauma in single liveborn neonates  
**Supporting Definition:** Record of ICD 10 codes P10 - P14  
**Inclusion Criteria:** All women  
**Timing:** 42 days postpartum  
**Reporting Source:** Administrative  
**Type:** Single Answer  
**Response Options:** 0 = No  
 1 = Yes

## Patient-reported health status

**Variable ID:** Globalo1  
**Variable:** Question 1 of PROMIS-10  
**Definition:** In the past few weeks...  
 In general, would you say your health is:...  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Entry to prenatal care  
 3rd trimester  
 Postpartum check-up  
 6 months postpartum  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 5 = Excellent  
 4 = Very good  
 3 = Good  
 2 = Fair  
 1 = Poor

**Variable ID:** Globalo2  
**Variable:** Question 2 of PROMIS-10  
**Definition:** In the past few weeks...  
 In general, would you say your quality of life is:...  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Entry to prenatal care  
 3rd trimester  
 Postpartum check-up  
 6 months postpartum  
**Reporting Source:** Patient-reported

<b>Type:</b>	Single Answer
<b>Response Options:</b>	5 = Excellent 4 = Very good 3 = Good 2 = Fair 1 = Poor
<b>Variable ID:</b>	Globalo3
<b>Variable:</b>	Question 3 of PROMIS-10
<b>Definition:</b>	In the past few weeks... In general, how would you rate your physical health?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	5 = Excellent 4 = Very good 3 = Good 2 = Fair 1 = Poor
<b>Variable ID:</b>	Globalo4
<b>Variable:</b>	Question 4 of PROMIS-10
<b>Definition:</b>	In the past few weeks... In general, how would you rate your mental health, including your mood and your ability to think?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	5 = Excellent 4 = Very good 3 = Good 2 = Fair 1 = Poor
<b>Variable ID:</b>	Globalo5
<b>Variable:</b>	Question 5 of PROMIS-10
<b>Definition:</b>	In the past few weeks... In general, how would you rate your satisfaction with your social activities and relationships?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	5 = Excellent 4 = Very good 3 = Good

	2 = Fair 1 = Poor
<b>Variable ID:</b>	Globalo6
<b>Variable:</b>	Question 6 of PROMIS-10
<b>Definition:</b>	In the past few weeks... In general, please rate how well you carry out your usual social activities and roles. (This includes activities at home, at work and in your community, and responsibilities as a parent, child, spouse, employee, friend, etc).
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	5 = Excellent 4 = Very good 3 = Good 2 = Fair 1 = Poor
<b>Variable ID:</b>	Globalo7
<b>Variable:</b>	Question 7 of PROMIS-10
<b>Definition:</b>	In the past few weeks... To what extent are you able to carry out your everyday physical activities such as walking, climbing stairs, carrying groceries, or moving a chair?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	5 = Completely 4 = Mostly 3 = Moderately 2 = A little 1 = Not at all
<b>Variable ID:</b>	Globalo8
<b>Variable:</b>	Question 8 of PROMIS-10
<b>Definition:</b>	In the past 7 days... How often have you been bothered by emotional problems such as feeling anxious, depressed or irritable?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Never 2 = Rarely 3 = Sometimes 4 = Often 5 = Always

<b>Variable ID:</b>	Globalog
<b>Variable:</b>	Question 9 of PROMIS-10
<b>Definition:</b>	In the past 7 days... How would you rate your fatigue on average?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = None 2 = Mild 3 = Moderate 4 = Severe 5 = Very severe
<b>Variable ID:</b>	Global10
<b>Variable:</b>	Question 10 of PROMIS-10
<b>Definition:</b>	How would you rate your pain on average?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = No pain 1 = 1 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = 7 8 = 8 9 = 9 10 = Worst imaginable pain
<b>Variable ID:</b>	INCONTSCREEN
<b>Variable:</b>	Incontinence screening question
<b>Definition:</b>	In the past month, have you leaked urine, leaked stool or passed gas by accident?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Yes, I leaked urine 2 = Yes, I leaked stool or passed gas by accident 3 = No, I did not leak urine, leak stool, or pass gas by accident
<b>Variable ID:</b>	UI01*
<b>Variable:</b>	Question 1 of the ICIQ-SF
<b>Definition:</b>	How often do you leak urine?
<b>Supporting Definition:</b>	N/A

<b>Inclusion Criteria:</b>	*women scoring a 1 on INCONTSCREEN
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = never 1 = about once a week or less often 2 = two or three times a week 3 = about once a day 4 = several time a day 5 = all the time
<b>Variable ID:</b>	U1o2*
<b>Variable:</b>	Question 2 of the ICIQ-SF
<b>Definition:</b>	We would like to know how much urine you think leaks. How much urine do you usually leak (whether you wear protection or not)?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*women scoring a 1 on INCONTSCREEN
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = none 2 = a small amount 4 = a moderate amount 6 = a large amount
<b>Variable ID:</b>	U1o3*
<b>Variable:</b>	Question 3 of the ICIQ-SF
<b>Definition:</b>	Overall, how much does leaking urine interfere with your everyday life? Please select a number between 0 (not at all) and 10 (a great deal).
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*women scoring a 1 on INCONTSCREEN
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = 1 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = 7 8 = 8 9 = 9 10 = A great deal
<b>Variable ID:</b>	U1o4*
<b>Variable:</b>	Question 4 of the ICIQ-SF
<b>Definition:</b>	When does urine leak?(Please tick all that apply to you).
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*women scoring a 1 on INCONTSCREEN



<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Never - urine does not leak 1 = Leaks before you can get to the toilet 2 = Leaks when you cough or sneeze 3 = Leaks when you are asleep 4 = Leaks when you are physically active/exercising 5 = Leaks when you have finished urinating and are dressed 6 = Leaks for no obvious reason 7 = Leaks all the time
<b>Variable ID:</b>	Alo1*
<b>Variable:</b>	Question 1 of Wexner
<b>Definition:</b>	How often do you have accidents to solid, well-formed stool?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*women scoring a 2 on INCONTSCREEN
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Never 1 = Less than once per month 2 = Less than once/week & greater than once/month 3 = Less than once/day & greater than once/month 4 = Once a day or more than once a day
<b>Variable ID:</b>	Alo2*
<b>Variable:</b>	Question 2 of Wexner
<b>Definition:</b>	How often do you have accidents to liquid stool/diarrhea?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*women scoring a 2 on INCONTSCREEN
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Never 1 = Less than once per month 2 = Less than once/week & greater than once/month 3 = Less than once/day & greater than once/month 4 = Once a day or more than once a day
<b>Variable ID:</b>	Alo3*
<b>Variable:</b>	Question 3 of Wexner
<b>Definition:</b>	How often does the gas escape without your knowledge or control?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*women scoring a 2 on INCONTSCREEN
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer

**Response Options:** 0 = Never  
 1 = Less than once per month  
 2 = Less than once/week & greater than once/month  
 3 = Less than once/day & greater than once/month  
 4 = Once a day or more than once a day

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**Variable ID:** Alo4\*

**Variable:** Question 4 of Wexner

**Definition:** How often do you wear a pad/depends or change underwear?

**Supporting Definition:** N/A

**Inclusion Criteria:** \*women scoring a 2 on INCONTSCREEN

**Timing:** Entry to prenatal care

3rd trimester

Postpartum check-up

6 months postpartum

**Reporting Source:** Patient-reported

**Type:** Single Answer

**Response Options:** 0 = Never

1 = Less than once per month

2 = Less than once/week & greater than once/month

3 = Less than once/day & greater than once/month

4 = Once a day or more than once a day

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**Variable ID:** Alo5\*

**Variable:** Question 5 of Wexner

**Definition:** How much do the above answers alter your lifestyle or activities?

**Supporting Definition:** N/A

**Inclusion Criteria:** \*women scoring a 2 on INCONTSCREEN

**Timing:** Entry to prenatal care

3rd trimester

Postpartum check-up

6 months postpartum

**Reporting Source:** Patient-reported

**Type:** Single Answer

**Response Options:** 0 = Never

1 = Less than once per month

2 = Less than once/week & greater than once/month

3 = Less than once/day & greater than once/month

4 = Once a day or more than once a day

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**Variable ID:** PROMIS\_SFFAC102

**Variable:** Pain with intercourse

**Definition:** In the past 30 days, how much has pain affected your satisfaction with your sex life?

**Supporting Definition:** N/A

**Inclusion Criteria:** All women

**Timing:** Entry to prenatal care

Postpartum check-up

6 months postpartum

**Reporting Source:** Patient-reported

**Type:** Single Answer

**Response Options:** 0 = Have not had pain in the past 30 days

1 = Not at all

2 = A little bit

3 = Somewhat

4 = Quite a bit

5 = Very much

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## Breastfeeding

**Variable ID:** BFINTENT

<b>Variable:</b>	Intension to breast feed
<b>Definition:</b>	Do you plan to breastfeed your baby when he or she is born?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	3rd trimester
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = No 1 = Yes
<b>Variable ID:</b>	BFCONFID
<b>Variable:</b>	Confidence with breast feeding*
<b>Definition:</b>	How confident do you feel about breast feeding?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*women scoring a 1 on BFINTENT in 3rd trimester OR 1 or 2 on BFSUCCESS at birth, postpartum check-up, or 6 month postpartum
<b>Timing:</b>	3rd trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Somewhat confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BFSUCCESS
<b>Variable:</b>	Success with breastfeeding
<b>Definition:</b>	Please indicate how you are feeding your baby:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Birth Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = My baby has received only breast milk in the past 7 days. 2 = My baby has received a combination of breast milk, formula, or water in the past 7 days. 3 = My baby has received only formula, water, or other liquids but not breast milk in the past 7 days.
<b>Variable ID:</b>	BSES01*
<b>Variable:</b>	Question 1 of BSES-SF
<b>Definition:</b>	I can always determine that my baby is getting enough milk.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES02*
<b>Variable:</b>	Question 2 of BSES-SF

<b>Definition:</b>	I can always successfully cope with breastfeeding like I have with other challenging tasks.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES03*
<b>Variable:</b>	Question 3 of BSES-SF
<b>Definition:</b>	I can always breastfeed my baby without using formula as a supplement.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES04*
<b>Variable:</b>	Question 4 of BSES-SF
<b>Definition:</b>	I can always ensure that my baby is properly latched on for the whole feeding.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES05*
<b>Variable:</b>	Question 5 of BSES-SF
<b>Definition:</b>	I can always manage the breastfeeding situation to my satisfaction.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident

	4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES06*
<b>Variable:</b>	Question 6 of BSES-SF
<b>Definition:</b>	I can always manage to breastfeed even if my baby is crying.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES07*
<b>Variable:</b>	Question 7 of BSES-SF
<b>Definition:</b>	I can always keep wanting to breastfeed.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES08*
<b>Variable:</b>	Question 8 of BSES-SF
<b>Definition:</b>	I can always comfortably breastfeed with my family members present.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES09*
<b>Variable:</b>	Question 9 of BSES-SF
<b>Definition:</b>	I can always be satisfied with my breastfeeding experience.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer

<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES10*
<b>Variable:</b>	Question 10 of BSES-SF
<b>Definition:</b>	I can always deal with the fact that breastfeeding can be time-consuming.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES11*
<b>Variable:</b>	Question 11 of BSES-SF
<b>Definition:</b>	I can always finish feeding my baby on one breast before switching to the other breast.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES12*
<b>Variable:</b>	Question 12 of BSES-SF
<b>Definition:</b>	I can always continue to breastfeed my baby for every feeding.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES13*
<b>Variable:</b>	Question 13 of BSES-SF
<b>Definition:</b>	I can always manage to keep up with my baby's breastfeeding demands.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester

<b>Reporting Source:</b>	Birth Postpartum check-up
<b>Type:</b>	Patient-reported
<b>Response Options:</b>	Single Answer 1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	BSES14*
<b>Variable:</b>	Question 14 of BSES-SF
<b>Definition:</b>	I can always tell when my baby is finished breastfeeding.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional, may present if respondent scores a 3 or lower on BFCONFID
<b>Timing:</b>	3 <sup>rd</sup> trimester Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Sometimes confident 4 = Confident 5 = Very confident

## Role transition

<b>Variable ID:</b>	ROLECONF
<b>Variable:</b>	Confidence in role
<b>Definition:</b>	How confident do you feel about looking after your baby?
<b>Supporting Definition:</b>	Add "when he or she is born" for entry to prenatal care questionnaire
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all confident 2 = Not very confident 3 = Somewhat confident 4 = Confident 5 = Very confident
<b>Variable ID:</b>	MIBS1
<b>Variable:</b>	Question 1 of MIBS
<b>Definition:</b>	These questions are about your feelings for your child in the first few weeks. Some adjectives are listed below which describe some of the feelings mothers have towards their baby in the FIRST WEEKS after the birth* / in the FIRST FEW WEEKS after the birth**. Please make a tick against each word in the box that best describes how you feel NOW* / felt in the FIRST FEW WEEKS**.
<b>Supporting Definition:</b>	Loving *delete if administering tool in post-partum period **delete if administering tool at birth
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Very much

	1 = A lot 2 = A little 3 = Not at all
<b>Variable ID:</b>	MIBS2
<b>Variable:</b>	Question 2 of MIBS
<b>Definition:</b>	Resentful
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Very much 1 = A lot 2 = A little 3 = Not at all
<b>Variable ID:</b>	MIBS3
<b>Variable:</b>	Question 3 of MIBS
<b>Definition:</b>	Neutral or felt nothing
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Very much 1 = A lot 2 = A little 3 = Not at all
<b>Variable ID:</b>	MIBS4
<b>Variable:</b>	Question 4 of MIBS
<b>Definition:</b>	Joyful
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Very much 1 = A lot 2 = A little 3 = Not at all
<b>Variable ID:</b>	MIBS5
<b>Variable:</b>	Question 5 of MIBS
<b>Definition:</b>	Dislike
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Birth Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Very much 1 = A lot 2 = A little 3 = Not at all
<b>Variable ID:</b>	MIBS6
<b>Variable:</b>	Question 6 of MIBS



**Definition:** Protective  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Birth  
 Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 0 = Very much  
 1 = A lot  
 2 = A little  
 3 = Not at all

**Variable ID:** MIBS7  
**Variable:** Question 7 of MIBS  
**Definition:** Disappointed  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Birth  
 Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 0 = Very much  
 1 = A lot  
 2 = A little  
 3 = Not at all

**Variable ID:** MIBS8  
**Variable:** Question 8 of MIBS  
**Definition:** Aggressive  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Birth  
 Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 0 = Very much  
 1 = A lot  
 2 = A little  
 3 = Not at all

## Mental Health

**Variable ID:** PHQ1  
**Variable:** Question 1 of PHQ-2  
**Definition:** Over the past 2 weeks, how often have you been bothered by any of the following problems?  
 Little interest or pleasure in doing things  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Entry to prenatal care  
 3rd trimester  
 Postpartum check-up  
 6 months postpartum  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 1 = Not at all  
 2 = Several days  
 3 = More than half the days  
 4 = Nearly every day

<b>Variable ID:</b>	PHQ2
<b>Variable:</b>	Question 2 of PHQ-2
<b>Definition:</b>	Feeling down, depressed or hopeless
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Entry to prenatal care 3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	1 = Not at all 2 = Several days 3 = More than half the days 4 = Nearly every day
<b>Variable ID:</b>	EPDS1*
<b>Variable:</b>	Question 1 of the EPDS
<b>Definition:</b>	As you are pregnant or have recently had a baby, we would like to know how you are feeling. Please check the answer that comes closest to how you have felt IN THE PAST 7 DAYS, not just how you feel today.
<b>Supporting Definition:</b>	In the past 7 days: I have been able to see the funny side of things N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-2
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = As much as I always could 1 = Not quite so much now 2 = Definitely not so much now 3 = Not at all
<b>Variable ID:</b>	EPDS2*
<b>Variable:</b>	Question 2 of the EPDS
<b>Definition:</b>	I have looked forward with enjoyment to things
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-3
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = As much as I ever did 1 = Rather less than I used to 2 = Definitely less than I used to 3 = Hardly at all
<b>Variable ID:</b>	EPDS3*
<b>Variable:</b>	Question 3 of the EPDS
<b>Definition:</b>	I have blamed myself unnecessarily when things when wrong
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-4
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Yes, most of the time 1 = Yes, some of the time

	2 = Not very often 3 = No, never
<b>Variable ID:</b>	EPDS <sub>4</sub> *
<b>Variable:</b>	Question 4 of the EPDS
<b>Definition:</b>	I have been anxious or worried for no good reason
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-5
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = No, not at all 1 = Hardly ever 2 = Yes, sometimes 3 = Yes, very often
<b>Variable ID:</b>	EPDS <sub>5</sub> *
<b>Variable:</b>	Question 5 of the EPDS
<b>Definition:</b>	I have felt scared or panicky for no very good reason
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-6
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Yes, quite a lot 1 = Yes, sometimes 2 = No, not much 3 = No, not at all
<b>Variable ID:</b>	EPDS <sub>6</sub> *
<b>Variable:</b>	Question 6 of the EPDS
<b>Definition:</b>	Things have been getting on top of me
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-7
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Yes, most of the time I haven't been able to cope at all 1 = Yes, sometimes I haven't been coping as well as usual 2 = No, most of the time I have coped quite well 3 = No, I have been coping as well as ever
<b>Variable ID:</b>	EPDS <sub>7</sub> *
<b>Variable:</b>	Question 7 of the EPDS
<b>Definition:</b>	I have been so unhappy that I have difficulty sleeping
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-8
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Yes, most of the time 1 = Yes, quite often 2 = Not very often 3 = No, not at all
<b>Variable ID:</b>	EPDS <sub>8</sub> *
<b>Variable:</b>	Question 8 of the EPDS
<b>Definition:</b>	I have felt sad or miserable

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<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-9
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Yes, most of the time 1 = Yes, quite often 2 = Not very often 3 = No, not at all

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<b>Variable ID:</b>	EPDS <sub>9</sub> *
<b>Variable:</b>	Question 9 of the EPDS
<b>Definition:</b>	I have been so unhappy that I have been crying
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-10
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Yes, most of the time 1 = Yes, quite often 2 = Only occasionally 3 = No, never

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<b>Variable ID:</b>	EPDS <sub>10</sub> *
<b>Variable:</b>	Question 10 of the EPDS
<b>Definition:</b>	The thought of harming myself has occurred to me
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	*Optional for women scoring a 3 or higher on the PHQ-11
<b>Timing:</b>	Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Yes, quite often 1 = Sometimes 2 = Hardly ever 3 = Never

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## Satisfaction with care

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<b>Variable ID:</b>	CARESAT <sub>1</sub>
<b>Variable:</b>	Satisfaction with care
<b>Definition:</b>	How satisfied are you with the results of your care during your pregnancy?*
<b>Supporting Definition:</b>	*change to "during your labor and the birth of your baby" or "in the months after your baby was born" when presenting at the postpartum check-up and 6 months postpartum
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = Very unsatisfied 1 = Unsatisfied 2 = Neither satisfied nor dissatisfied 3 = Satisfied 4 = Very satisfied

## Healthcare Responsiveness

<b>Variable ID:</b>	HCR1
<b>Variable:</b>	Information and role in care 1
<b>Definition:</b>	Thinking about your care during your pregnancy*... Were you given information about your choices for maternity care?
<b>Supporting Definition:</b>	*change to "during your labor and the birth of your baby" or "in the months after your baby was born" when presenting at the postpartum check-up and 6 months postpartum
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = No 1 = To some extent 2 = Yes
<b>Variable ID:</b>	HCR2
<b>Variable:</b>	Information and role in care 2
<b>Definition:</b>	Were you given enough information to help you decide about your care?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = No 1 = To some extent 2 = Yes
<b>Variable ID:</b>	HCR3
<b>Variable:</b>	Information and role in care 3
<b>Definition:</b>	Were you given information at the right time to help you decide about your care?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = No 1 = To some extent 2 = Yes
<b>Variable ID:</b>	HCR4
<b>Variable:</b>	Confidence in providers
<b>Definition:</b>	Did you have confidence and trust in the staff caring for you?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	3rd trimester Postpartum check-up 6 months postpartum
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	0 = No 1 = To some extent 2 = Yes

## Birth Experience

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**Variable ID:** BSS\_R1  
**Variable:** Question 1 of the BSS-R  
**Definition:** Please respond to the following statements:

I came through childbirth virtually unscathed.

**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 4 = Strongly Agree  
 3 = Agree  
 2 = Neither Agree or Disagree  
 1 = Disagree  
 0 = Strongly Disagree

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**Variable ID:** BSS\_R2  
**Variable:** Question 2 of the BSS-R  
**Definition:** I thought my labour was excessively long.

**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 4 = Strongly Agree  
 3 = Agree  
 2 = Neither Agree or Disagree  
 1 = Disagree  
 0 = Strongly Disagree

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**Variable ID:** BSS\_R3  
**Variable:** Question 3 of the BSS-R  
**Definition:** The delivery room staff encouraged me to take decisions about how I wanted my birth to progress.

**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 4 = Strongly Agree  
 3 = Agree  
 2 = Neither Agree or Disagree  
 1 = Disagree  
 0 = Strongly Disagree

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**Variable ID:** BSS\_R4  
**Variable:** Question 4 of the BSS-R  
**Definition:** I felt very anxious during my labour and birth.

**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 4 = Strongly Agree  
 3 = Agree  
 2 = Neither Agree or Disagree  
 1 = Disagree  
 0 = Strongly Disagree

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<b>Variable ID:</b>	BSS_R5
<b>Variable:</b>	Question 5 of the BSS-R
<b>Definition:</b>	I felt well supported by staff during my labour and birth.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	4 = Strongly Agree 3 = Agree 2 = Neither Agree or Disagree 1 = Disagree 0 = Strongly Disagree
<b>Variable ID:</b>	BSS_R6
<b>Variable:</b>	Question 6 of the BSS-R
<b>Definition:</b>	The staff communicated well with me during labour.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	4 = Strongly Agree 3 = Agree 2 = Neither Agree or Disagree 1 = Disagree 0 = Strongly Disagree
<b>Variable ID:</b>	BSS_R7
<b>Variable:</b>	Question 7 of the BSS-R
<b>Definition:</b>	I found giving birth a distressing experience.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	4 = Strongly Agree 3 = Agree 2 = Neither Agree or Disagree 1 = Disagree 0 = Strongly Disagree
<b>Variable ID:</b>	BSS_R8
<b>Variable:</b>	Question 8 of the BSS-R
<b>Definition:</b>	I felt out of control during my birth experience.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women
<b>Timing:</b>	Postpartum check-up
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single Answer
<b>Response Options:</b>	4 = Strongly Agree 3 = Agree 2 = Neither Agree or Disagree 1 = Disagree 0 = Strongly Disagree
<b>Variable ID:</b>	BSS_R9
<b>Variable:</b>	Question 9 of the BSS-R
<b>Definition:</b>	I was not distressed at all during labour.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All women

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**Timing:** Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 4 = Strongly Agree  
3 = Agree  
2 = Neither Agree or Disagree  
1 = Disagree  
0 = Strongly Disagree

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**Variable ID:** BSS\_R10  
**Variable:** Question 10 of the BSS-R  
**Definition:** The delivery room was clean and hygienic.  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All women  
**Timing:** Postpartum check-up  
**Reporting Source:** Patient-reported  
**Type:** Single Answer  
**Response Options:** 4 = Strongly Agree  
3 = Agree  
2 = Neither Agree or Disagree  
1 = Disagree  
0 = Strongly Disagree

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## ICHOM Contact Information

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# Reference Guide Revisions

Reference Guide Version	Location within Reference Guide	Content Change
1.1	Data Dictionary	Item response correction for WEIGHTUNIT, Ulo2 and Ulo4
1.0.2	Data Dictionary	Inclusion criteria and timing of assessment modified for [BFCONFID], timing of assessment changed for [BFSUCCESS] and all items of the BSES assessment; 'Mental Health' title changed to 'Birth Experience'; Definition modified for [MIBS1], [MATERNALDEATH], [STILLBIRTH], [ICUADMIT], [READMIT], [SPRETERM], [IPRETERM], and [OXYGEN]
1.0.2	Timeline	Point 3: text changed from "At discharge" to "Prior to discharge"
1.0.2	Table	'Parity' moved under Obstetric and Medical History; 'Baseline' changed to 'Entry to prenatal care'; timing revised for 'Success with breastfeeding' and 'Confidence with breastfeeding'; differentiated timing for PHQ-2 and EPDS
1.0.3	Contact Information	Removed inactive email address: <a href="mailto:ichomteam@ichom.org">ichomteam@ichom.org</a>

