OMB #0920-XXXX EXP. DATE:

CDC National Survey of Maternity Practices in Infant Nutrition and Care (mPINC)

Birth Center Survey

Conducted for

Centers for Disease Control and Prevention
National Center for Chronic Disease Prevention and Health Promotion
Division of Nutrition and Physical Activity
Maternal and Child Nutrition Branch
Atlanta, GA

Public reporting burden of this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC, Project Clearance Officer, 1600 Clifton Road, MS-24, Atlanta, GA 30333, ATTN: PRA (0920-XXXX). Do not send the completed form to this address.

CDC National Survey of Maternity Practices in Infant Nutrition and Care (mPINC)

What is this survey about:

The Centers for Disease Control and Prevention (CDC) is inviting you to participate in a national survey of infant feeding practices at hospitals and birth centers in the United States and Territories that provided maternity care in the past year. The survey is being conducted for CDC by the Battelle Centers for Public Health Research and Evaluation. We need the response of every facility providing maternity care to make this study representative of all maternity care facilities in the United States and Territories. If your facility provides maternity care at multiple locations, please only report data for the specific location listed on the cover letter.

How long will the survey take to complete:

On average, the survey will take about 30 minutes to complete.

How will this information be used:

The purpose of this study is to find out about infant feeding practices at hospitals and birth centers in the United States and Territories. Information obtained from this survey will assist CDC with program planning. After data collection is complete, your facility will receive an individualized report containing a summary of survey results. Your name, facility name and other personal identifiers will not be shared with any other facility.

Your responses will be treated in a secure manner and will not be disclosed unless required by law. Your name, facility name, and any other personal identifiers will not be included in either oral or written presentation of study results. Responses will be reported only in summary form so individual responses cannot be identified. Data may be released for additional approved research purposes. Your participation in the study is completely voluntary. Data collection will be managed by Battelle, Centers for Public Health Research and Evaluation, a national survey and research organization with extensive experience in collection of health data.

Who do I call if I have questions about how to complete the survey:

Jennifer Cohen, Ph.D.,MPH, Task Leader, Battelle, toll-free at 1-XXX-XXXX

Who do I call if I have questions regarding my rights as a study participant:

Chairperson of Battelle IRB 1-XXX-XXX-XXXX x XXX

Thank you very much for taking the time to complete this survey

SECTION A: CENTER PRACTICES

A1.	Are prenatal classes offered at your center, either by center staff or contracted personnel?								
	□ Yes → Is breastfeeding covered as part of the class content in the prenatal/childbirth preparation class?								
		□ Yes							
		□ No							
		Does your center Yes	offer a separate ¡	orenatal breastfeedi	ng class?				
		□ No							
	□ No								
	□ Not sure								
A2.		now many women born feeding plans		partum) are asked b	y center staff				
	Few	Some	Many	Most	Not sure				
	(0%–9%) •	(10%–49%) □	(50%–89%) □	(90%+) □					
A3.	Is the mother's infant's center i		sion recorded on	a center record? <i>(ei</i>	ther hers or he				
	Rarely	Sometimes	Often	Almost always	Not sure				
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □					
A4.				to hold their health hour of birth for <u>unc</u>					
	Few	Some	Many	Most	Not sure				
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □					
A5.		<u>vaginal births</u> done	0 .0	elamping, foot printing is holding the heal t	•				
	Rarely	Sometimes	Often	Almost always	Not sure				
	(0%–9%)	(10%–49%)	(50%–89%)	(90%+)	Б				

Ab.			specified period after		•
	Within 1 hou	ır after birth	%		
	1-2 hour	s after birth	%		
	2-4 hour	s after birth	%		
	4+ hour	s after birth	%		
		Total	100%		
A7.			healthy full-term		s are given the
		Breast milk	%		
		Water	%		
	Glu	ıcose water	%		
	Inf	ant formula	%		
		Total	100%		
A8.	cesarean section ((total cesarean s	live births in the paections)? % n sections, record		
A9.		full-term infants	(regardless of feed s <u>kin-to-skin</u> for at sarean births?		
	Few	Some	Many	Most	Not sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
A10.	breast for the first cesarean sections Within 2 hours aff	time during the s ? ter delivery	healthy full-term specified period afte		•
	2–4 hours at	_	%		
	4+ hours af	ter delivery	%		
		Total	100%		

A11. Approximately what percentage of healthy full-term breastfed infants are following as a <u>first feeding</u> after <u>uncomplicated cesarean section births?</u>					
		Breast milk	%		
		Water	%		
		Glucose water	%		
		Infant formula	%		
		Total	100%		
A12.	you teach brea	o are breastfeeding, stfeeding technique ssessing the effecti	s (e.g. comfortab	ole positioning, holdi	
	Few (0%–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not sure
		0			
A13.	Approximately baby's hunger	how many mothers?	are taught to rec	ognize and respond	to first signs of
	Few	Some	Many	Most	Not sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) •	٥
A14.		naternity care staff a ch feeding (e.g. nurs		•	-
	Rarely	Sometimes	Often	Almost always	Not sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	٥
A15.		o are breastfeeding, assessed by staff for y?			
	Few	Some	Many	Most	Not sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
A16.	Do staff at you	r center use a tool to	assess breastfe	eeding effectiveness	5?
	□ Yes →	What tool does y effectiveness?	our center use	to assess breastfe	eeding
		A standard	lized tool (i.e. L	ATCH, IBFAT)	
			l tool developed ternity care staf	l or adapted by yo f	ur center, for
	□ No				

A17.	supplemented with something other than breast milk? (<i>Please provide your best estimate if your center does not formally track this information.</i>)							
	If infants are nev	er supplemented,	record "0" above	and → Skip to	Question A20			
A18.			I infants who are sold for the following r	• •	h <u>infant formula</u> ,			
	Doo	ctor's orders	%					
	Nurse's reco	mmendation	%					
	Mot	ner's choice	%					
	Other (plea	ase specify)	%					
		Total	100%					
A19.	Are healthy full- types of supplem		ıfants <u>who are sup</u> ı	olemented ever	given the following			
		Yes	No					
	Water							
	Glucose water							
A20.	Approximately how many healthy full-term breastfed infants are given pacifiers by maternity care staff? <i>Please do not include the use of pacifiers for medical procedures</i> (e.g., circumcision) in your response.							
	Few	Some	Many	Most	Not sure			
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □				
A21.	Does your center	receive free infar	nt formula?					
	□ Yes							
	□ No							
	□ Not sure							
A22.	Does your center	have a well baby	nursery?					
	□ Yes							
	□ No							

A23. Following uncomplicated vaginal births, are healthy full-term breastfed infar routinely taken to the nursery or other separate area for transition (e.g. proces pediatrics patient, vital signs, first bath)?						
	□ Yes On →	average, how minute	•	ant in this trai	nsition perio	d?
	□ No					
A24.	Are healthy full-t	erm breastfed i	infants routinel	y taken from th	e mother's ro	om at night?
	☐ Yes→ On average, how many hours is baby away from mother at night? Please use decimals to represent parts of hours (e.g.: .25=15 minutes, .5=30 minutes, .75=45 minutes.)					
	□ No	hours				
A25.	Among mother-in					
	Few (0%–9%) □	Some (10%–49%) □	Many (50%–89% □	Mos %) (90% □		ot sure
A26.	Approximately ho mother's room for	•	full-term bre	astfed infants a	are taken fron	n the
		Few (0%–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not sure
	Pediatric rounds					
	Change of shift					
	Visiting hours					
	Hearing test					
	Heel stick					
	Infant photos					
	Infant's bath					
	Mother bathing					
	Mother out of roon	n 🗅				

A27. What is the typical length of stay at your center for the mother and infant follow uncomplicated vaginal birth?				owing an					
	□ Four hours or less → Skip to Question A29								
	□ $5-12$ hours \rightarrow Skip to Question A29								
	□ $13 - 24$ hours \rightarrow Skip to Question A29								
	□ 25 – 48 hours								
	☐ More than 48 hours								
A28.	Approximately what percentage of healthy full-term infants method, remain with their mothers for at least the following								
	8 or fewer hours per day%								
	9–15 hours per day%								
	16–23 hours per day%								
	23+ hours per day%								
	Total 100%								
A29.	Are discharge packs/bags containing infant formula samples given to breastfeeding mothers?								
	□ Yes								
	□ No								
A30.	What support does your center routinely (most of the time) mothers at discharge?	offer to b	reastfee	ding					
		Yes	No	Not sure					
	a. Postpartum telephone call by center staff								
	b. Telephone number for patient to call								
	c. Postpartum follow-up visit at center after discharge								
	d. Home follow-up visit after discharge								
	e. Referral to center-based breastfeeding support group								
	f. Referral to other breastfeeding support groups								
	g. Referral to lactation consultant/specialist								
	h. Referral to WIC (for those eligible)								
	i. Referral to an outpatient lactation clinic								
	j. List of resources for breastfeeding help								
	k. Breastfeeding assessment sheet								

	i. Other (pieas	зе ѕресіту)			
A31.	. What is the highest level of neonatal care provided at your center?				
	☐ Special care	born→Skip to Que (Level 1 or Level 2 re (Level 3 NICU)			
A32.	Is banked donor milk ever used in your NICU?				
	□ Yes □ No				
A33.	Among NICU inf provided human	•	t feedings, approxii	mately how many	y are routinely
	Few (0%–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not sure

SECTI	on B:	TRAIN	IING, PER	SONNEL,	AND POL	LICY		
B1.	B1. On average, how many hours do birth attendants spend in breastfeeding education as new employees ?							
<1 h		hours 5	5–8 hours	9–18 hours	s >18 h	ours	Not sure □	Not applicable □
B2.	On average spend in br						maternity o	care staff
	Dhysisias		م ما ام	< 1 hour	1-3 hours	3+ hours	Not sure	Not applicable
		s employe sidents, in						
		Nurse Midv practice nu	•	٥	۵			
B3.	How many	birth atten	dants receiv	ed breastfe	eding edu	ıcation ir	the past y	year?
	Few		Some	Mar		Mos		Not sure
	(0%–9% □	%) (1	.0%–49%) □	(50%–8 □	39%)	(90%- □	+)	0
B4.	On average		ny hours dic	l birth attend	lants sper	nd in brea	astfeeding	education in
<1 h	our 1-4	hours !	5–8 hours	9–18 hour	s >18 h	ours	Not sure	Not applicable
	1							
B5.	How often a manageme			ssessed for	evel of co	mpetenc	y in breast	feeding
	Д	at least onc a year	once	a Not a	assessed	Not ap	plicable	
			yea □	u				
B6.	On average spend in br		•		_	types of	maternity	care staff
				< 1 hour	1-3 hours	3+ hours	Not sure	Not applicable
	Physicians center, resi		-					
	Certified Nu advance pr	urse Midwi	ves,					•

B7.	Which of the following health care providers deliver infants at your center?					
			Yes	No		
	Obstetrician/	Gynecologists				
	Family Practi	ce Physicians				
	Certified Nurs	se Midwives				
B8.	breastfeeding		anagement	and is respo	ator (person who is trainsible for ensuring the	ned in
	□ Yes →	What are his/her	credentials?	check all th	at apply)	
		☐ Registered Nur	, ,			
				ed Lactation (Consultant (IBCLC)	
		Registered DieCertified Nurse	• •	·NIM)		
		Other Lactation	•	,		
		☐ Other (please s		•		
	□ No	u	. 27			
	2 110					
B9.	than 1 FTE, p		decimal. Fo	or example, 4	actation patient care? 0 hours per week = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	
		FTEs				
		_1 123				
B10.	How often is stay?	hands-on breastfee	eding suppo	ort available to	o mothers during their o	center
		Alwa	ays	Sometimes	Never	
	Weekday day	ys 📮				
	Weekday nig	hts 📮				
	Weekend day	ys 📮			٥	
	Weekend nig	hts 📮				

		,	Yes	No	Not Sure
	a. formal in-service training programs for center staff				
	b. prenatal classes informing mothers about breastfeeding				
	c. asking about mothers' feeding plans				
	d. initiating breastfeeding within 60 minutes after uncomplicated vaginal birth				
	e. initiating breastfeeding after recovery for births by uncomplicated cesarean section				
	f. showing mothers how to express breast milk and maintain lactation should they be separated from their infants				
	g. giving breastfed infants food or drink other than breast milk				
	h. 24-hour/day rooming-in				
	 breastfeeding on-demand and duration and frequency of individual feedings 				
	j. use of pacifiers by breastfed infants				
	 k. referral of mothers with breastfeeding problems to appropriate resources (e.g. lactation consultant/specialist, community support group, medical provider, WIC Program) 		٥	٥	
	I. referral of mothers to appropriate community breastfeeding resources upon discharge				۵
B12.	How are staff informed about these policies?				
		Yes	No		Not plicable
	In-service training			- 	
	Policy is posted (paper, web-site)				
	Newsletter				
	New staff orientation				
	New staff training				
	Staff meeting				
	Word of mouth				
	Other (please specify)				
B13.	Does your center provide any of the following to center staff who	are a	also r	nothe	rs?
	A decimandad as another commence will.	`	Yes	No	
	a. A designated room to express milk				
	b. On-site child care for dependents of center staff				
	c. Electric breast pump for center staff use			_	
	d. Permission to use existing work breaks to express milke. Breastfeeding support group for center staff				
	e. Breastfeeding support group for center stafff. Lactation consultant/specialist available for consult		0	٥	
	g. Paid maternity leave (other than accrued vacation or sick lea	ve)	_	_	

B11. Does your center or mother-baby unit have a written policy addressing...

SECTION C: CENTER CHARACTERISTICS

C1.	Hov	low many total live births took place in the past calendar or fiscal year at your center?						
		live births						
C2.		proximately what percentage re given epidurals at your ce	e of laboring women in the past calendar or fiscal year enter?%					
C3.	(e.g	g. oxytocin, prostaglandins, i	e of patients received pharmacological agents misoprostol, mifepristone, relaxin) to initiate or speed up e past calendar or fiscal year?%					
C4.	(e.g	g. amniotomy, stripping or sv	e of patients received mechanical or surgical approaches weeping membranes, balloon or Foley catheter dilation) to at your center in the past calendar or fiscal year?					
C5.	Doe	es your center record (keep	track of) the number of mothers breastfeeding?					
		Yes: at admission→	What percentage of women intended to breastfeed at admission, in the past calendar or fiscal year?					
		Yes: at some point during the center stay →	What percentage of women were breastfeeding during their center stay, in the past calendar or fiscal year?%					
		Yes: at discharge →	What percentage of women were breastfeeding at discharge, in the past calendar or fiscal year?					
		Yes: beyond discharge→	What percentage of women continued breastfeeding after discharge from the center, in the past calendar or fiscal year?%					
	0	No						
		Not sure						

C6. Please select the positions or titles of the people who have worked on responding to this questionnaire.

	Your position	Other people contributing information to survey (check all that apply)
Mother-Baby Unit manager/supervisor		
Birth Center director		
Labor and Delivery unit manager/supervisor		
Maternity care services director/manager		
Lactation services coordinator		
Clinical nurse specialist		
Director of obstetrics and gynecology		
Director of perinatal care		
Director of pediatrics		
Medical Director		
NICU nurse manager		
Staff physician		
Staff midwife		
Staff nurse		
Database manager/coordinator		
Other (please specify)		
☐ No other person worked on responding to this		

[☐] No other person worked on responding to this questionnaire

Thank you very much for your participation in this survey.

Comments:

Please return by mail to:

CDC National Survey of Maternity Practices in Infant Nutrition and Care (mPINC) 1100 Dexter Avenue North, Suite 400 Seattle, WA 98109-3598