OMB #0920-0743 EXP. DATE: 7-31-2009

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 (0920-0743). 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.

Confidentiality: Your responses will be treated in a confidential manner and will be

kept private to the extent allowed 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:

Diane Manninen, Ph.D., Task Leader, Battelle, toll-free at

1-866-826-4176

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

participant:

Chairperson of Battelle IRB 1-877-810-9530 x 500

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 offer a separate prenatal breastfeeding class? Yes ☐ No ☐ No ■ Not sure A2. Approximately how many women (pregnant or postpartum) are asked by center staff about their newborn feeding plans? Few Some Many Most Not sure (50%-89%) (0% - 9%)(10% - 49%)(90%+)A3. Is the mother's infant feeding decision recorded on a center record? (either hers or her infant's center record) Rarely Sometimes Often Almost always Not sure (0% - 9%)(10% - 49%)(50% - 89%)(90%+)A4. Approximately, how many mothers are encouraged to hold their healthy full-term infants skin-to-skin for at least 30 minutes within an hour of birth for uncomplicated vaginal births? Few Some Many Most Not sure (0% - 9%)(10% - 49%)(50%-89%) (90% +)

A5. Are routine newborn procedures (e.g. Apgar, cord clamping, foot printing) after uncomplicated vaginal births done while the mother is holding the healthy full-term infant skin-to-skin? Almost always Rarely Sometimes Often Not sure (0% - 9%)(10%-49%) (50%-89%) (90%+)

A6.	Approximately what percentage of breast for the first time during the vaginal births?	_		-
	Within 1 hour after birth	%		
	1-2 hours after birth	%		
	2-4 hours after birth	%		
	4+ hours after birth	%		
	Total	100%		
A7.	Approximately what percentage of following as a first feeding after un			s are given the
	Breast milk	%		
	Water	%		
	Glucose water	%		
	Infant formula	%		
	Total	100%		
A8.	Approximately what percentage of cesarean section (total cesarean lf your center does not do cesare Question A12	sections)? %		,
A9.	Approximately how many mothers hold their healthy full-term infantafter delivery for uncomplicated controls.	ts skin-to-skin for at		
	Few Some	Many	Most	Not sure
	(0%–9%) (10%–49%)	(50%–89%)	(90%+) □∎	П
		_	_	_
A10.	Approximately what percentage of breast for the first time during the cesarean sections?			
	Within 2 hours after delivery	%		
	2–4 hours after delivery	%		
	4+ hours after delivery	%		
	Total	100%		

A11.				n breastfed infants rean section births?	
		Breast milk	%		
		Water	%		
	(Glucose water	%		
		Infant formula	%		
		Total	100%		
A12.	you teach breas		s (e.g. comfortab	estfeed, approximate le positioning, holdi eeding)?	
	Few	Some	Many	Most	Not sure
	(0%–9%) □	(10%–49%) 	(50%–89%)	(90%+) _	
A13.	Approximately h baby's hunger?	ow many mothers	are taught to reco	ognize and respond	to first signs of
	Few	Some	Many	Most	Not sure
	(0%−9%) □	(10%–49%) 	(50%–89%)	(90%+) □	
A14.		-		ing women to limit t minutes on each br	•
	Rarely	Sometimes	Often	Almost always	Not sure
	(0%–9%) □	(10%–49%) 	(50%–89%) 	(90%+)	0
A15.		ssessed by staff for		ow many mother-ba	
	Few	Some	Many	Most	Not sure
	(0%–9%)	(10%–49%)	(50%–89%)	(90%+)	П
	_	_		•	_
A16.	Do staff at your	center use a tool to	assess breastfe	eding effectiveness	?
	☐ Yes →	What tool does yo	ur center use to	assess breastfeedir	ng effectiveness?
		A standardiz	zed tool (i.e. LAT	CH, IBFAT)	
		A standard maternity ca		r adapted by your co	enter, for use by
	☐ No				

A17.	Approximately what percentage of healthy full-term breastfed infants are 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.	_		d infants who are s	• •	h <u>infant formula</u> ,		
	Do	ctor's orders	%				
	Nurse's reco	mmendation	%				
	Mo	ther's choice	%				
	Other (ple	ease specify)	%				
		Total	100%				
A19.	Are healthy full- types of supplem		nfants <u>who are sup</u>	plemented 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		
			(50%–89%) 				
A21.	Does your center receive free infant formula?						
	☐ Yes						
	☐ No						
	☐ Not sure						
A22.	Does your center	have a well baby	nursery?				
	☐ Yes						
	□ No						

A23.	routinely taken to to pediatrics patient,	he nursery or c	ther separate	•		
	☐ Yes → On a	average, how lo	ng is the infan	t in this transition	on period?	
		minutes				
	☐ No					
A24.	Are healthy full-te	erm breastfed	infants routinel	y taken from th	e mother's ro	oom at night?
	Plea	average, how m ase use decima 30 minutes, .75=	ls to represent	•		•
		hours				
	☐ No					
A25.	Among mother-informal healthy full-term Few (0%–9%)		nts a re brought Many	to their mother	rs at night for t N	
	(0 % -9 %)	(10 /6-49 /6)	(50 %=89 /	6) (90 % 	+)	
A26.	Approximately how mother's room for:	•	<i>r</i> full-term bre	astfed infants a	are taken fror	n the
		Few	Some	Many	Most	Not sure
		_	(10%–49%)	(50%–89%)	(90%+)	
	Pediatric rounds	_	U	_	_	_
	Change of shift					
	Visiting hours					
	Hearing test					
	Heel stick					
	Infant photos					
	Infant's bath					
	Mother bathing					
	Mother out of room					

A27.	What is the typical length of stay at your center for the moth uncomplicated vaginal birth?	er and in	fant follo	wing an
	☐ Four hours or less → Skip to Question A29			
	☐ 5 – 12 hours → Skip to Question A29			
	\Box 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 r			
	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 mothers?	given to	breastf	eeding
	☐ Yes ☐ No			
A30.	What support does your center routinely (most of the time) of mothers at discharge?	offer to br	eastfeed	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 (please specify)			

A31.	What is the highe	est level of neonat	tal care provided at	your center?			
	☐ Special care	oorn→Skip to Que (Level 1 or Level e (Level 3 NICU)					
A32.	Is banked donor	milk ever used in	your NICU?				
	☐ Yes ☐ No						
A33.	Among NICU infants receiving milk feedings, approximately how many are routinely provided human milk?						
	Few (0%–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not sure		

SECTI	on B: T	RAINING, PE	RSONN	EL, AND	Poli	CY		
B1.	On average, how new employees	•	lo birth a	attendants	s spend	d in breast	feeding ed	ucation as
<1 h	our 1-4 hour	rs 5–8 hours	s 9–1	8 hours	>18 h	nours	Not sure	Not applicable ☐
B2.	On average, how spend in breastf						aternity ca	re staff
			< 1 h	OUr	1-3 ours	3+ hours	Not sure	Not applicable
	Physicians em center, resider			Ì				
	Certified Nurse advance practi	•		1				
B3.	How many birth	attendants rece	eived bre	eastfeedir	ng edu	cation in t	he past ye	ar?
	Few (0%–9%) □	Some (10%–49% ☐) (5	Many 50%–89% □	·)	Most (90%+) ☐	N	ot sure
B4.	On average, how the past year?	v many hours d	lid birth	attendant	s spen	d in breas	tfeeding ed	lucation in
<1 h	our 1-4 hour	s 5–8 hours	s 9–1	8 hours	>18 h	nours	Not sure	Not applicable
) <u> </u>					1		
B5.	How often are bi management an		assesse	d for leve	l of cor	mpetency	in breastfe	eding
		once Year	than ce a ear	Not asse	essed	Not appl	icable	
	Ţ		_					
B6.	On average, how spend in breastf					types of m	naternity ca	re staff
			< 1 h	∩Hr	-3 ours	3+ hours	Not sure	Not applicable
	Physicians empl center, residents			[
	Certified Nurse I			[

SECTION B:

В/.	which of the	rollowing nea	aith care prov	/laers aeliv	er infants at	your center?	
				Yes	No		
	Obstetrician/	Gynecologis	ts				
	Family Practi	ice Physiciar	ns				
	Certified Nurs	se Midwives					
B8.		g physiology	and manage	ment and is		person who is a e for ensuring t	
	☐ Yes →	What are h	is/her creden	tials? (che	ck all that ap	ply)	
		☐ Register	red Nurse (R	N)			
					ctation Cons	ultant (IBCLC)	
		_	red Dietician	` '			
			l Nurse Midw	` ,	ialiat		
			actation cons <i>lease specif</i> y	•			
	☐ No	— Outlot (p	nouse speeing	//			-
	— 110						
B9.	How many full time equivalents (FTEs) are dedicated to lactation patient care? (If less than 1 FTE, please record as a decimal. For example, 40 hours per week = 1 FTE, 20 hours per week = .5 FTEs and 10 hours per week = .25 FTEs.)						
		_FTEs					
B10.	How often is stay?	hands-on bro	eastfeeding s	support ava	ilable to mot	hers during the	eir center
			Always	Some	times	Never	
	Weekday day	ys			ì		
	Weekday nig	ıhts			ì		
	Weekend day	ys			ì		
	Weekend nig	ghts			ì		

	 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 	1	es	NO	Not Sure
	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	İ			
	g. giving breastfed infants food or drink other than breast milk				
	h. 24-hour/day rooming-in				
	 i. 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)	١			0
	referral of mothers to appropriate community breastfeeding resources upon discharge	ĺ			
B12.	How are staff informed about these policies?				
	In-service training Policy is posted (paper, web-site) Newsletter New staff orientation New staff training Staff meeting Word of mouth Other (please specify)	Yes		- Ар 	Not oplicable
B13.	Does your center provide any of the following to center staff who	are a	lso r	nothe	rs?
	 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 milk e. Breastfeeding support group for center staff f. Lactation consultant/specialist available for consult g. Paid maternity leave (other than accrued vacation or sick leave) 		es 	No O O O O O O	

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

SECTION C: CENTER CHARACTERISTICS

C1.	How many total live births took p	place in the past calendar or fiscal year at your center?
C2.	Approximately what percentage were given epidurals at your cer	of laboring women in the past calendar or fiscal year nter?%
C3.	(e.g. oxytocin, prostaglandins, n	of patients received pharmacological agents nisoprostol, mifepristone, relaxin) to initiate or speed up past calendar or fiscal year?%
C4.	(e.g. amniotomy, stripping or sw	of patients received mechanical or surgical approaches veeping membranes, balloon or Foley catheter dilation) to at your center in the past calendar or fiscal year?
C5.	Does your center record (keep t	rack 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?%
	☐ 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 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