OMB #0920-0743 EXP. DATE: 10/31/2010

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, Physical Activity, and Obesity
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.

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 1-866-826-4176

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: NOT FOR DATA COLLECTION

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 o ☐ Yes	ffer a separate p	renatal breastfeedir	ng class?			
		□ No						
	□No							
	☐ Not sure							
A2.	Approximately newborn feedir	how many women (ng plans?	pregnant or postp	oartum) are asked b	by center staff abo	ut their		
	Few	Some	Many	Most	Not Sure			
	(0%–9%) □	(10%–49%) □	(50%–89%)	(90%+)				
A3.	How often is th	e mother's infant fee nter record)	eding decision red	corded on a center	record? (either he	rs or		
	Rarely	Sometimes	Often	Almost always	Not Sure			
	(0% <u>–</u> 9%)	(10%–49%) □	(50%–89%)	(90%+)				
For U	ncomplicated	Vaginal Births:						
A4.	identification in	vborn procedures (e cluding foot printing) althy full-term infan	after <u>uncomplica</u>	•	, •	, .		
	Rarely	Sometimes	Often	Almost always	Not Sure			
	(0% <u>–</u> 9%)	(10%–49%) □	(50%–89%)	(90%+)				
A5.		how many mothers ast 30 minutes withi				skin-		
	Few	Some	Many	Most	Not Sure			
	(0%–9%)	(10%–49%)	(50%–89%)	(90%+)				

A6.	Appro the firs	ximatel what percent time during the s	ertage of healthy pecified period aff	r full-term reas er delivery for <u>ur</u>	tfed infarttare out	to the breast for all births?
		Within 1 ho	our after delivery	%		
	More	than 1 hour - 2 hou	urs after delivery	%		
	More tl	nan 2 hours - 4 hou	ırs after delivery	%		
		More than 4 hou	ırs after delivery	%		
			Total	100%		
A7.		ximately what perc rst feeding after un			tfed infants are give	en the following
			Breast milk	%		
			Water	 %		
			Glucose water	%		
			Infant formula	—— <i>/</i> °		
			Total	100%		
	vital s	igns, first bath)? s → On averag	•	· ·	.g. processing as a assition period?	poulautoo paulotti,
A9.	Are ce	esarean births perfo	ormed at your birth	n center?		
	☐ Ye:	S	-			
		→ Skip to Ques	tion A15			
		-> Skip to Ques	uon A13			
	For I	Incomplicated C	osaroan Rirths			
		-				
	A10.	clamping, identific		ot printing) after	essment including A uncomplicated cesa fant <u>skin-to-skin</u> ?	
		Rarely	Sometimes	Often	Almost Always	Not Sure
		(0%–9%)	(10%–49%)	(50%–89%)	(90%+)	
		Ш	Ш	Ш	Ш	Ш
	A11.		least 30 minutes		to hold their healthy s after delivery for <u>u</u>	
		Few	Some	Many	Most	Not Sure
		(0%-9%)	(10% <u>–4</u> 9%)	(50%–89%)	(90%+)	

	A12.		ne first time durin			dinfants are put to the ry for uncomplicated
			Within 2 hours	after delivery	%	
		More than 2	hours – 4 hours	after delivery	%	
		Mo	re than 4 hours	after delivery	%	
				Total	100%	
	A13.				full-term breastfe ted cesarean birth	d infants are given the s?
				Breast milk	%	
				Water	 %	
			G	lucose water	 %	
			Ir	nfant formula	 %	
				Total	100%	
	A14.	routinely tal	ken to the nurser atient, vital signs On average, h	y or other sepa , first bath)?		rm breastfed infants tion (e.g. processing as a ion period?
	ll Birth					
A15.	teach	breastfeeding		g. comfortable p	ositioning, holding	ately how many do you infant, how to express
		Few	Some	Many	Most	Not Sure
	(00	%–9%) □	(10% –4 9%) □	(50%–89%) □	(90%+) □	П
A16.	Approx hunge	•	many mothers a	are taught to red	cognize and respor	nd to first signs of baby's
		Few	Some	Many	Most	Not Sure
	(00	%–9%)	(10% -4 9%)	(50%–89%)	(90%+)	
		Ш	Ш	Ш	Ш	Ш
A17.			rnity care staff ac nurse for 5, 10, c			t the length of suckling at
		Rarely %–9%)	Sometimes (10%–49%)	Often (50%–89%)	Almost always (90%+)	Not Sure
	(5					

EXAMPLE ONLY NOT FOR DATA COLLECTION who are breastfeeding, approximately how many mother-haby or

A10.		ved and ass					ing the maternity care center
		Few	Som		Many	Most	Not Sure
	(0)% <u>–</u> 9%)	(10%–4	19%)	(50%–89%)	(90%+)	
		Ш		I	Ш	Ш	Ц
A19.	Do sta	aff at your b	irth center	use a t	ool to assess br	eastfeeding effe	ctiveness?
	□Ye					ch as LATCH or I aternity care sta	
	□No)					
A20.	some pleas	thing other t e <i>provide yo</i> % If healt h	han breas our best es y full-terr	t milk? stimate. n breas	(If your center o		ants are supplemented with track this information,
	For S	Supplemer	nted Heal	thy Fu	II-Term Breas	tfed Infants:	
	A21.	Are health types of so				o are supplemer	nted ever given the following
		lufaut E		Yes	No		
		Infant F					
		0.1	Water				
		Glucose	e water				
	A22. Of the healthy full-term breastfed infants who are supplemented with infant form what percentage are supplemented for the following reasons?						
				Do	octor's orders	%	
			Nurs	se's rec	ommendation	%	
				Мо	other's choice	%	
		Other (ple	ease speci	fy)			
					Total	100%	
	A23.		•			• •	nented with <u>water or</u> following reasons?
				Do	octor's orders	%	
			Nurs	se's rec	ommendation	%	
				Мо	other's choice	%	
		Other (ple	ease speci	fy)		%	
					Total	100%	

For All Healthy Full term Breastfed Infants: A COLLECTION

A24.	care s	•	•	the use of pacifie	•	•	•
	(0	Few %-9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not Sure	
			Ц	Ц	Ц	Ш	
A25.	Does	your center	receive free infa	ant formula?			
	□Ye	S					
	□No)					
	□No	t sure					
A26.	Does	your birth ce	enter have a we	ll-baby nursery?			
	□Ye	s					
	□No)					
Eor A	di Birti	he:					
FUI A	iii bii ti	15.					
A27.		is the typica nplicated va	•	at your center for	the mother and in	nfant following a	an
	□4 r	nours or less	s → Skip to Qu	estion A32			
	□ 5 -	- 12 hours	\rightarrow Skip to Qu	estion A32			
	□ 13	- 24 hours	→ Skip to Qu	estion A32			
	□ 25	– 48 hours					
	□Мс	ore than 48 h	nours				
	For C	enter Stay	s Longer Tha	an 24 Hours:			
	A28.	Are health	ny full-term bre	astfed infants rou	utinely taken from	the mother's ro	oom at night?
		□Yes→	On average,	how many hours	is baby away fro	m mother at nig	ht?
				mi	nutes <i>OR</i> _	hours	
		□ No					
	A29.			olets that do <u>not</u> r ed infants are bro			
		ew 6–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not Sure	Not Applicable
	(0 /						room-in at night)

NOT FOR DATA COLLECTION
Approximately how many healthy full-term breastfed infants are taken from the A30. mother's room for:

	Few	Some	Many	Most	Not Sure
(0)%–9%)	(10%–49%)	(50%–89%)	(90%+)	
Pediatric rounds					
Change of shift					
Visiting hours					
Hearing test					
Heel stick					
Infant photos					
Infant's bath					
Mother bathing					
Mother out of room					
A31. Approximately whomethod, remain w					
8 or fewer hours	per day	%			
9–15 hours	per day	%			
16–23 hours	per day	%			
more than 23 hours	per day	%			
То	tal	100%			
For All Conton Ctores					
For All Center Stays:					
A32. Are discharge packs/bags	s containir	ig infant formul	a samples giv	en to breastfe	eeding mothers?
□Yes					
□No					
A33. What support does your o		inely (most of t	ho timo) offor	to breastfeed	!
discharge? (check all that a. Postpartum telephone	Labbivi		ile tille) oller		ling mothers at
b. Telephone number for		• (ling mothers at
c. Postpartum follow-up	call by ce	enter staff	·		ling mothers at
d. Home follow-up visit a	call by ce	enter staff o call			ing mothers at
	call by ce patient to visit at cer	enter staff call nter after disch			ling mothers at
•	call by ce patient to visit at cer fter discha	enter staff o call nter after discharge	arge □		ling mothers at
e. Referral to center-bas	call by ce patient to visit at cer fter discha ed breastf	enter staff o call nter after discharge feeding suppor	arge □		ling mothers at
e. Referral to center-bas f. Referral to other breas	call by ce patient to visit at cer fter discha ed breastf stfeeding s	enter staff o call nter after discharge feeding support	arge □		ling mothers at
e. Referral to center-bas f. Referral to other breas g. Referral to lactation co	call by ce patient to visit at cer fter discha ed breastf stfeeding s	enter staff o call nter after discharge feeding support support groups specialist	arge □		ling mothers at
e. Referral to center-bas f. Referral to other breas g. Referral to lactation co h. Referral to WIC (for the	call by ce patient to visit at cer fter discha ed breastf stfeeding s onsultant/s	enter staff o call nter after discharge feeding support support groups specialist le)	arge □		ling mothers at
e. Referral to center-bas f. Referral to other breas g. Referral to lactation co h. Referral to WIC (for th i. Referral to an outpation	call by ce patient to visit at cer fter discha ed breastf stfeeding s onsultant/s ose eligib ent lactation	enter staff o call nter after discharge feeding support support groups specialist le) on clinic	arge □		ling mothers at
e. Referral to center-bas f. Referral to other breas g. Referral to lactation co h. Referral to WIC (for the	call by ce patient to visit at cer fter dischar ed breastf stfeeding s onsultant/s ose eligib ent lactation	enter staff o call nter after discharge feeding support support groups specialist le) on clinic ng help	arge □		ling mothers at

A34.	 34. What is the highest level of neonatal care provided at your center? ☐ Healthy newborn → Skip to Question B1 ☐ Special care (Level 1 or Level 2 NICU) ☐ Intensive care (Level 3 NICU) 						
	For L	evel 1, 2 or 3 NI	CU:				
	A35. Is banked donor milk ever used in your NICU?						
		☐ Yes					
		□ No					
	A36.	Among NICU infa provided human		k feedings, approxi	mately how mar	ny are routinely	
		Few	Some	Many	Most	Not Sure	
		(0%–9%)	(10% -4 9%)	(50%–89%)	(90%+)		
		Ш	Ш	Ш	Ш	Ш	

Please continue →

SECTION B: TRAINING, PERSONNEL, AND POLICY

B1.	On average, he employees?	ow many l	nours do	birth attenda	ants spend i	in breastfeed	ing education	n as new
N	lone <1 h	nour	1-3 hou	rs 4–7 h	ours 8–	17 hours	18 or more hours	Not Sure
B2.	On average, he breastfeeding					pes of materi	nity care sta	ff spend in
			None	< 1 hour	1-2 hours	3 or more hours	Not Sure	Not Applicable
Ph	ysicians employe center, residents						Sule	
(Certified Nurse M advance practic							
B3.	How often are and support?	birth atten	dants as	ssessed for l	evel of comp	petency in br	eastfeeding	management
	At least once a year □	Less to once a	-	Not Assesse	ed			
B4.	How many birt	h attendar	nts receiv	ed breastfe	eding educa	ation in the p	ast year?	
	Few (0%–9%)		me –49%)	Many (50%–89		Most (90%+)	Not Sure	е
	(0 % -9 %)	(10%	-4 970)	(30 %–8	970)	(90 76+)		
B5.	On average, h	ow many l	nours dic	l birth attend	ants spend	in breastfeed	ding education	on in the pas t
	None	<1 hou	r 1	-2 hours	3-4 hours			Sure
						hours	•	
B6.	On average, he breastfeeding				following ty	pes of mater	nity care sta	iff spend in
	2. cacacacaming	o a a o a a o a a	None	< 1 hour	1-2 hours	3 or more	Not	Not Appliedble
•	rsicians employed center, residents,	•				hours	Sure	Applicable
	ertified Nurse Mi advance practice							

B7.	7. Which of the following health care providers/deliver infants at your center? (check all that apply)					
	Obstetrician/o Family Practi Certified No		s 🗆			
B8.	Does your center employ a designated lactation coordinator (a person who is trained in breastfeeding physiology and management and is responsible for ensuring the implementation of a breastfeeding program)?					
	□ Ri □ In □ Ri □ Ci □ Oi	egistered Nur ternational Bo egistered Die ertified Nurse ther Lactation	oard Certified L	_actation Co l) ecialist	onsultant (IBCLC)	
B9.	How many full time	equivalents ((FTEs) are ded	licated exclu	usively to in-patient lactation care?	
			r example, 40 20	hours per v hours per v	ecord as a decimal. week = 1 FTE, week = .5 FTEs, per week = .25 FTEs.)	
B10.	How often is a lacta mothers during their	•	•	orovide hand	ds-on breastfeeding support to	
	Weekday days Weekday nights Weekend days Weekend nights	Always □ □ □	Sometimes	Never		

B11. Does your centernate a written policy addires sing. OLLECTION

			Yes	No	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			
	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)			
	I.	referral of mothers to appropriate community breastfeeding resources upon discharge			
		 a. In-service training b. Policy is posted (paper, intranet, policy and procedures binder) c. Newsletter d. New staff orientation e. New staff training f. Staff meeting g. Word of mouth h. Other (please specify) 			
313.	Do	es your center provide any of the following to center staff who are also	mothe	rs?	
			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 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)			

SECTION C: CENTER CHARACTERISTICS

C1.	How many total live births took p	place in the past calendar or fiscal year at your center?			
C2.		of live births in the past calendar or fiscal year were by n sections)? (If your center does not formally track this r best estimate.)			
	% If cesarean births a	re not performed at your center, record "0"			
C3.	Approximately what percentage of laboring women in the past calendar or fiscal year were given epidurals at your center?%				
C4.	Approximately what percentage of patients received pharmacological agents (e.g. oxytocin, prostaglandins, misoprostol, mifepristone, relaxin) to initiate or speed up labor onset at your center in the past calendar or fiscal year?%				
C5.	(e.g. amniotomy, stripping or sw	of patients received mechanical or surgical approaches reeping membranes, balloon or Foley catheter dilation) to initiate center in the past calendar or fiscal year?%			
C6.	When does your center record ((answer all that apply)	keep track of) the number of mothers breastfeeding?			
	☐ At admission→	What percentage of women intended to breastfeed at admission, in the past calendar or fiscal year?			
		%			
	☐ At some point during the center stay →	What percentage of women were breastfeeding during their center stay, in the past calendar or fiscal year?			
		%			
	☐ At discharge →	What percentage of women were breastfeeding at discharge, in the past calendar or fiscal year?			
		%			
	☐ Beyond discharge→	What percentage of women continued breastfeeding after discharge from the center in the past calendar or fiscal year?			
		%			
	☐ Our center does not record to	the number of mothers breastfeeding			
	☐ Not sure				

C7. Please select the positions of 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