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 co		the class content in ??	n the			
		☐ Yes						
		□ No						
		Does your center o ☐ Yes	offer a separate p	renatal breastfeedir	ng class?			
		□ No						
	□No							
	☐ Not sure							
A2.	Approximately newborn feeding	how many women (ng plans?	pregnant or postp	partum) are asked b	by center staff abo	out their		
	Few	Some	Many	Most	Not Sure			
	(0%–9%) □	(10%–49%) □	(50%–89%)	(90%+)				
A3.	her infant's cer	,			·	ers or		
	Rarely (0%–9%)	Sometimes (10%–49%)	Often (50%–89%)	Almost always (90%+)	Not Sure			
	` □ ´	`	`	` □ ´				
For U	ncomplicated	Vaginal Births:						
A4.	identification in	wborn procedures (encluding foot printing) althy full-term infan	after uncomplica					
	Rarely	Sometimes	Often	Almost always	Not Sure			
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+)				
A5.		how many mothers ast 30 minutes withi				s <u>skin-</u>		
	Few	Some	Many	Most	Not Sure			
	(0%–9%) □	(10%–49%) □	(50%–89%)	(90%+)	П			

		NIOT			COTION	
A6.	Appro the fire	ximately what perc st time during the s	er tage of health pecified period af	full-term breas er delivery for <u>ur</u>	tfed infants are put complicated vagin	to the breast for all births?
		Within 1 ho	our after delivery	%		
	More	than 1 hour - 2 hou	urs after delivery	%		
	More t	han 2 hours - 4 hou	urs after delivery	%		
		More than 4 hou	urs after delivery	%		
			Total	100%		
A7.		ximately what perc			tfed infants are give	en the following
			Breast milk	%		
				%		
			Glucose water			
			Infant formula			
			Total			
	vital s	igns, first bath)? s → On averag		`	g. processing as a sition period?	pediatrics patierit
A9.	□ Ye	esarean births perfos s → Skip to Ques	·	n center?		
	For U	Incomplicated C			essment including A	Apgar and cord
	71101	clamping, identifi		ot printing) after	uncomplicated ces	
		Rarely	Sometimes	Often	Almost Always	Not Sure
		(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+)	
	A11.		least 30 minutes		o hold their health after delivery for <u>u</u>	
		Few	Some	Many	Most	Not Sure
		(0%–9%)	(10%–49%)	(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	%	
		Мо	ore 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		
				nfant formula		
				Total	100%	
			atient, vital signs	s, first bath)? now long is the	rate area for transi infant in this transit	tion (e.g. processing as a ion period?
For A A15.	II Birth		e breastfeeding,	or intend to bre	astfeed, approxima	ately how many do you
			g techniques (e.g effectiveness of			infant, how to express
		Few	Some	Many	Most	Not Sure
	(00	%–9%) □	(10%–49%) □	(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%–49%)	(50%–89%)	(90%+) □	П
A17.			rnity care staff a nurse for 5, 10, c			ப் the length of suckling at
		Rarely %–9%)	Sometimes (10%–49%)	Often (50%–89%)	Almost always (90%+)	Not Sure
	(3					

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

AIO.		ved and ass					ing the maternity care center
		Few	Some	Э	Many	Most	Not Sure
	(0	9%)	(10%–49	9%)	(50%–89%)	(90%+)	
			Ш		Ш	Ш	Ш
A19.	Do sta	aff at your b	irth center (use a to	ool to assess br	eastfeeding effe	ctiveness?
	□Ye					ch as LATCH or I aternity care stat	
	□No)					
A20.	some pleas	thing other t e <i>provide yo</i> % If health	than breast our best est ny full-term	milk? timate.) breas	(If your center o		ants are supplemented with track this information,
	For S	Supplemer	nted Healt	hy Fu	II-Term Breas	tfed Infants:	
	A21.		hy full-tern upplementa			o are supplemer	nted ever given the following
				Yes	No		
		Infant F					
			Water				
		Glucose	e water				
	A22.		who are supplem	nented with <u>infant formula,</u> s?			
				Do	octor's orders	%	
			Nurse	e's reco	ommendation	%	
				Мо	ther's choice	%	
		Other (ple	ease specif	y)		%	
					Total	100%	
	A23.		•			• • •	nented with <u>water or</u> following reasons?
				Do	octor's orders	%	
			Nurse		ommendation	%	
				Мо	ther's choice		
		Other (ple	ease specif	ý)		%	
			•		Total		

For All Healthy Full-term Breastfed Infants: A COLLECTION

A24.	care s	•			tted infants are g ers for medical pro	•	•
	(0	Few %–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not Sure	
	`			`	` □ ´		
A25.		-	receive free infa	ant formula?			
	☐ Ye ☐ No						
	□No	t sure					
A26.	Does	your birth ce	enter have a we	ll-baby nursery?			
	□ Ye						
	□No	1					
For A	II Birth	ns:					
A27.		is the typica	•	at your center for	the mother and i	nfant following a	n
	□4 h	ours or less	s → Skip to Qu	estion A32			
			\rightarrow Skip to Qu				
			→ Skip to Qu	estion A32			
		48 hoursre than 48 h	nours				
		no than no i	louis				
	For C	enter Stay	s Longer Th	an 24 Hours:			
	A28.	Are health	y full-term bre	eastfed infants ro	utinely taken from	the mother's ro	om at night?
		□ Yes→	On average,	-	is baby away fro	· ·	nt?
		□ Na		mi	inutes <i>OR</i> _	hours	
		□No					
	A29.				room-in at night, a ought to their mot		
		ew 6–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)		Not Applicable (All couplets
	-						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 value method, remain					
	8 or fewer hou	ırs per day	%			
	9–15 hou	ırs per day	%			
	16–23 hou	ırs per day	%			
	more than 23 hou	ırs per day	%			
	•	Total	100%			
 - •	II Oantan Otaasa					
	II Center Stays:					
A32.	Are discharge packs/ba	ags containir	ng infant formul	a samples give	n to breastfe	eeding mothers?
	☐Yes					
	□No					
A33.	What support does you		inely (most of t	the time) offer t	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a	that apply)		the time) offer t	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telepho	that apply) one call by ce	enter staff	the time) offer t	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a a. Postpartum telephob. Telephone number	that apply) one call by ce for patient to	enter staff call		o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a a. Postpartum telepho b. Telephone number c. Postpartum follow-u	that apply) one call by ce for patient to up visit at ce	enter staff o call nter after disch		o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telepholo. Telephone number c. Postpartum follow-up visit	that apply) one call by ce for patient to up visit at ce it after discha	enter staff o call nter after disch arge	arge	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telephole. Telephone number c. Postpartum follow-up visite. Referral to center-be	that apply) one call by ce for patient to up visit at ce it after discha	enter staff o call nter after disch arge feeding suppor	arge t group	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telepho b. Telephone number c. Postpartum follow-up visite. Referral to center-b. Referral to other brows.	that apply) one call by ce for patient to up visit at ce it after discha- ased breastle eastfeeding s	enter staff o call nter after disch arge feeding suppor support groups	arge t group	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telephore). Telephone number c. Postpartum follow-up visite. Referral to center-b. Referral to other brog. Referral to lactation.	that apply) one call by ce for patient to up visit at ce it after discha- ased breastle eastfeeding so	enter staff o call nter after disch arge feeding suppor support groups specialist	arge t group	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telephole.) b. Telephone number c. Postpartum follow-up visite. Referral to center-b. Referral to other brown. Referral to lactation. Referral to WIC (for	that apply) one call by ce for patient to up visit at ce it after discha- ased breastle eastfeeding se it consultant/se those eligib	enter staff o call nter after disch arge feeding suppor support groups specialist le)	arge t group	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telephore). Telephone number c. Postpartum follow-up visite. Referral to center-bf. Referral to other brown. Referral to lactation h. Referral to an outpass.	that apply) one call by ce for patient to up visit at cer it after discha- ased breastf eastfeeding so consultant/so those eligib atient lactation	enter staff o call nter after disch arge feeding suppor support groups specialist le) on clinic	arge t group	o breastfeed	ing mothers at
A33.	What support does you discharge? (check all a. Postpartum telephole.) b. Telephone number c. Postpartum follow-up visite. Referral to center-b. Referral to other brown. Referral to lactation. Referral to WIC (for	that apply) one call by ce for patient to up visit at ce it after discha- ased breastle astfeeding s consultant/s those eligib atient lactation beastfeeding those discounts the consultant	enter staff o call nter after disch arge feeding suppor support groups specialist le) on clinic ng help	arge t group	o breastfeed	ing mothers at

A34. 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 ☐ Yes ☐ No	milk ever used in	your NICU?		
	A36.	Among NICU infa provided human		k feedings, approxi	mately how mar	ny are routinely
		Few (0%–9%) □	Some (10%–49%) □	Many (50%–89%) □	Most (90%+) □	Not Sure □

Please continue →

SECTION B: TRAINING, PERSONNEL, AND POLICY

B1.	On average, he employees?	ow many h	nours do	birth attenda	ants spend	in breastfeed	ling education	on as new
Ν	lone <1 h	nour	1-3 hour	rs 4–7 h	ours 8-	-17 hours	18 or more hours	Not Sure
B2.	On average, h					pes of mater	nity care sta	ff spend in
			None	< 1 hour	1-2 hours	3 or more	Not Sure	Not Applicable
Ph	ysicians employe center, residents	•						
(Certified Nurse M advance practic	•						
B3.	How often are and support?	birth atten	dants as	ssessed for le	evel of com	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 Sur	Э
	(078 -9 78)	(1070	_ 	(30 70-03	9 70)	(90 70+)		
B5.	On average, h	ow many h	nours did	l birth attend	ants spend	in breastfeed	ding educati	on in the pas f
	None	<1 hou	r 1	-2 hours	3–4 hours			Sure
						hours	S	
B6.	On average, h				following ty	pes of mater	nity care sta	aff spend in
	brodottooding	oadoanon	None	< 1 hour	1-2 hours	3 or more	Not	Not
•	sicians employed center, residents,	•				hours	Sure	Applicable
	ertified Nurse Mi advance practice							

B7.	Which of the to (check all that a		date providers/de	eliver infants	sattyour panter?	
	Family Pr	ian/Gynecolog actice Physic d Nurse Midw	ians 🗆			
B8.		hysiology and	l management an		or (a person who is trained in sible for ensuring the implementation	or
]]]]	☐ Registered ☐ Internationa ☐ Registered ☐ Certified Nu ☐ Other Lacta	` ,	Lactation Co	onsultant (IBCLC)	
B9.	□No	·	,		usively to in-patient lactation care?	•
Б.		FTEs	(If less than 1 F7 For example, 40	TE, please ro O hours per O hours per	ecord as a decimal.	
B10.	How often is a l			provide han	ds-on breastfeeding support to	
	Weekday day Weekday nigh Weekend day Weekend nigh	/s ts /s	Sometimes	Never		

B11. Does your centernate a written policy addressing OLLECTION

			Yes	No	Not Sure
		formal in-service training programs for center staff			
		prenatal classes informing mothers about breastfeeding			
		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)			
	l.	referral of mothers to appropriate community breastfeeding resources upon discharge			
312.	Ho	ow are staff informed about these policies? (check all that apply) 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 place in the past calendar or fiscal year at your center? live births					
C2.	cesarean section (total cesareal	Approximately what percentage of live births in the past calendar or fiscal year were by cesarean section (total cesarean sections)? (If your center does not formally track this information, please provide your 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.	Approximately what percentage of patients received mechanical or surgical approaches (e.g. amniotomy, stripping or sweeping membranes, balloon or Foley catheter dilation) to initiate or speed up labor onset at your 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.

mments:	

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