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

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

**Hospital 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.

### EXAMPLE ONLY NOT FOR DATA COLLECTION

## 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

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SECTION A:

A1. Are prenatal classes offered at your hospital, either by hospital staff or contra					contracted personr	nel?
	☐ Yes →	the class content ir ?	n the			
		☐ Yes				
		□ No				
		Does your hospital ☐ Yes	offer a separate	prenatal breastfeed	ling class?	
		□ No				
	□No					
	☐ Not sure					
A2.	Approximately here their newborn for	now many women (peeding plans?	oregnant or postp	artum) are asked b	y hospital staff abo	out
	Few	Some	Many	Most	Not Sure	
	(0%–9%) □	(10%–49%) □	(50%–89%)	(90%+)		
A3.	How often is the her infant's hos	e mother's infant fee pital record) Sometimes	eding decision red Often	corded on a hospita Almost always	I record? <i>(either he</i> Not Sure	ers or
	(0%–9%)	(10%–49%)	(50%–89%)	(90%+)	Not Sule	
For U	ncomplicated	Vaginal Births:				
A4.	identification inc	rborn procedures (e cluding foot printing) Ithy 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 within				<u>skin-</u>
	Few	Some	Many	Most	Not Sure	
	(0%–9%) □	(10%–49%) □	(50%–89%)	(90%+) □		

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Αб.		•	•		<b>tred</b> intants are put complicated <mark>vagin</mark>			
		Within 1 ho	our after delivery	%				
	More	than 1 hour - 2 hou	urs after delivery	%				
	More t	More than 2 hours - 4 hours after delivery%						
		More than 4 hou	urs after delivery	%				
			Total	100%				
A7.		eximately what perc irst feeding after ur	9		<b>tfed</b> infants are give	en the following		
			Breast milk	%				
			Water	%				
			Glucose water	%				
			Infant formula	%				
			Total	100%				
A8.	taken				rm breastfed infar g. processing as a			
	□Ye	s 🗦 On averag	e, how long is the	infant in this tran	sition period?			
	□No	-	_ minutes					
A9.	Are ce □ Ye	esarean births perfo	ormed at your hos	pital?				
	П№	→ Skip to Que	stion A15					
		/ Okip to Que:	Stion A13					
	For U	Jncomplicated C	esarean Births	:				
	A10.	clamping, identifi		ot printing) after u	essment including A uncomplicated cest ant skin-to-skin?			
		Rarely	Sometimes	Often	Almost Always	Not Sure		
		(0%–9%) □	(10%–49%) □	(50%–89%)	(90%+)			
	A11.		t least 30 minutes		o hold their <b>health</b> y after delivery for <u>u</u>			
		Few	Some	Many	Most	Not Sure		
		(0%–9%)	(10%–49%)	(50%–89%)	(90%+)			
			$\sqcup$	$\sqcup$	$\sqcup$	$\sqcup$		

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	A12.		the first time durin	•		<b>d</b> infants are put to the ry for <u>uncomplicated</u>
			Within 2 hours	after delivery	%	
		More than 2	2 hours – 4 hours	after delivery	<u></u> %	
		N	lore than 4 hours	after delivery	<del></del> %	
				Total	100%	
	A13.	• •	•	•	full-term breastfe ed cesarean birth	<b>d</b> infants are given the <u>s</u> ?
				Breast milk	%	
				Water	%	
			G	lucose water	%	
			I	nfant formula	 %	
				Total	100%	
	A14.	routinely ta	uncomplicated <b>ce</b> aken to the nurser patient, vital signs	y or other separ	re <b>healthy full-te</b> r ate area for transi	rm breastfed infants tion (e.g. processing as a
		☐ Yes -	→ On averaç	ge, how long is t	he infant in this tra	nsition period?
		□No		minutes		
		□ NO				
For A	II Birth	ns:				
A15.	teach	breastfeedi	•	g. comfortable p	ositioning, holding	ately how many do you infant, how to express
		Few	Some	Many	Most	Not Sure
	(0	%–9%)	(10%–49%)	(50%–89%)	(90%+)	
		Ш	Ш	Ш	Ш	Ш
A16.	Appro hunge	•	w many mothers a	are taught to rec	ognize and respor	nd to first signs of baby's
		Few	Some	Many	Most	Not Sure
	(0	%–9%) □	(10%–49%) □	(50%–89%)	(90%+)	
A17.			ernity care staff a . nurse for 5, 10, o		•	t the length of suckling at
		Rarely %–9%)	Sometimes (10%–49%)	Often (50%–89%)	Almost always (90%+)	Not Sure
	(0	/0 <del>-9</del> /0)	(1070 <del>-4</del> 970)	(30 /0-69 70)	(७0%⊤)	П

A18.	observ	Of mothers who are breastfeeding approximately fow many nother haby couples are directly observed and assessed by staff for breastfeeding effectiveness during the maternity care hospital stay?						
		Few	Son		Many		Most	Not Sure
	(0)	%–9%)	(10%_	49%)	(50%–89%	6) (9	90%+)	
		Ш	L	]	Ш		Ш	Ц
A19.	Do sta	aff at your ho	spital us	e a tool	to assess bre	eastfeeding	effective	eness?
	□Yes	•			validated too			IBFAT or a tool f.
	□No							
A20.		•	•	_	•			ants are supplemented with
						ital does n	ot formal	ly track this information,
	•	provide you			•			
					stfed infants to Question <i>i</i>		supplen	nented,
		recoru (	o aliu 7	Skip	to Question A	<b>424</b>		
	For S	upplement	ed Hea	Ithy Fu	ıll-Term Bre	astfed Inf	fants:	
	A21.	Are <b>healthy</b> types of sup				who are su	ıpplemer	nted ever given the following
				Yes	No			
		Infant Fo	rmula					
		,	Water					
		Glucose						
		Glucose	watei	Ш	Ш			
	A22.		•		reastfed infar emented for t			nented with <u>infant formula,</u> s?
				D	octor's orders	9	6	
			Nur	se's rec	commendation	 ı	6	
					other's choice			
		Other (nles	se snec					
		Other (piec	ise spec	''y)	Tota		U	
					Tota	1 100 /0		
	A23.							nented with <u>water or</u> following reasons?
				D	octor's orders	9	6	
			Nur	se's red	commendation			
					other's choice			
		Other (nles	ase snec					
		5 1.101 (p100	.50 0000			- <u></u> / I 100%	-	
						, ,		

### **EXAMPLE ONLY** NOT FOR DATA COLLECTION For All Healthy Full-term Breastfed Infants:

A24.	care s			full-term breast the use of pacifie				
		Few %–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not Su	ire	
		Ш	Ш	Ш	Ц	Ш		
A25.	Does y	•	al receive free in	fant formula?				
	□No							
	□Not	t sure						
A26.	Does y	•	al have a well-ba	aby nursery?				
	□No							
For /	All Birth	ne:						
A27.	What is the typical length of stay at your hospital for the mother and infant following an uncomplicated vaginal birth?							
	□ 4 h	ours or less	s  o Skip to Que	estion A32				
			→ Skip to Que					
			→ Skip to Que	estion A32				
		<ul><li>48 hours</li><li>re than 48 h</li></ul>	a a ura					
	□ IVIO	re man 46 r	lours					
	For H	oenital St	ave I onger Ti	han 24 Hours:				
	A28.	•		astfed infants rou	ıtinely taken from	the mother's	room at night?	
	7120.	☐ Yes→		how many hours	•		· ·	
				•	nutes OR _	hours	-	
		□No						
	A29.			olets that do <u>not</u> ro ed infants are bro				
	Гом		Como	Many	Most	lot Curo	Not	
	Few (0%–9		Some 0%–49%) (5	Many 60%–89%)	Most N (90%+)	lot Sure	Applicable (All couplets room-in at night)	

#### 

		NOT FO	OR D⊅	TA CO	LLECTI	ON	
		Approximately how i mother's room for:	many <b>health</b>	y full-term bre	eastfed infants	are taken fro	om the
			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					
	N	Nother out of room					
		Approximately what method, remain with					
		8 or fewer hours pe	er day	%			
		9–15 hours pe	er day	%			
		16–23 hours pe		<u></u> %			
	m	ore than 23 hours pe		%			
	•••	iore triair 20 riodro pe	Total 100				
			Total Tot	<i>3</i> 70			
For A	II Hosp	ital Stays:					
A32.	Are disc	charge packs/bags o	containing inf	fant formula sai	mples given to	breastfeedin	g mothers?
	□Yes						
	□ No						
A33.		upport does your hos ge? ( <i>check all that a</i>		ely (most of the	time) offer to b	reastfeeding	mothers at
	a. Po	stpartum telephone	call by hospi	tal staff			
	b. Te	lephone number for	patient to ca	ill			
	c. Po	stpartum follow-up v	risit at hospit	al after dischar	ge 🗆		
	d. Ho	me follow-up visit af	ter discharge	е			
	e. Re	eferral to hospital-bas	sed breastfe	eding support g	Jroup □		
	f. Re	eferral to other breas	tfeeding sup	port groups			
	g. Re	eferral to lactation co	nsultant/spe	cialist			
	h. Re	eferral to WIC (for the	ose eligible)				
	i. Re	eferral to an outpatie	nt lactation c	linic			
	j. Lis	at of resources for broad	eastfeeding l	help			
	k. Bre	eastfeeding assessn	nent sheet				
	I. Ot	her (please specify)			_ 🗆		

34.	What	s the highest level of nephatal care provided at your hospital?   U   V						
	□н	ealthy newborn 🔿	Skip to Question	n B1				
	□s	pecial care (Level	1 or Level 2 NICU	)				
	□ In	tensive care (Leve	el 3 NICU)					
	For L	evel 1, 2 or 3 N	ICU:					
	A35.	Is banked donor milk ever used in your NICU?						
		☐ Yes						
		□ No						
	A36.	Among NICU inf provided human	_	k feedings, approxi	mately how mar	ny are routinely		
		Few	Some	Many	Most	Not Sure		
		(0%–9%)	(10%–49%)	(50%–89%)	(90%+)			
		Ш	Ш	Ш	Ш	Ш		

Please continue →

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#### SECTION B: TRAINING, PERSONNEL, AND POLICY

B1.	On aver	age, how many	/ hours d	lo nurses	spend in b	reastfee	ding edu	cation as	s new e	mployees?
١	None	<1 hour	1-3 ho	urs 4	–7 hours	8–17	hours	18 or m hour		Not Sure
B2.		age, how many eding educatio				ing types	s of mate	rnity car	e staff s	pend in
				None	< 1 hour	1-2 hou		more	Not Sure	Not Applicable
	•	ans employed l tal, residents, ir	•				110			
		fied Nurse Midv ance practice n								
B3.	How offer	en are nurses a ?	assessed	for level	of compet	ency in t	oreastfee	ding mar	nageme	nt and
	At lea once a			Not Asse	essed					
B4.	How ma	iny nurses rece	eived bre	astfeedin	g educatio	n <b>in the</b>	past yea	ır?		
	Fe (0%-		Some %_49%)	5ome Mar %–49%) (50%– □ □		•		Not	Sure	
	[					(00	(90%+)			
B5.	On aver	age, how many	/ hours d	lid nurses	spend in I	oreastfee	eding edu	ıcation <b>ir</b>	n the pa	st year?
	None	<1 hou	r 1	-2 hours	3–4 h	ours	5 or mo hours	re N	Not Sure	)
						]				
B6.		age, how many eding educatio				ving type	s of mate	ernity car	e staff s	spend in
			None	< 1 ho	ur 1-2 h	ours 3	or more hours	Not Sure		Not olicable
-		ployed by the dents, interns							, \( \sim \rangle \)	
		rse Midwives, actice nurses								

B7.	Which of the <b>fol</b> (check all that a		date providers/d	eliver inf <b>a</b> nt	s at your hospitan	
	Family Prac	n/Gynecologis ctice Physicia Nurse Midwiv	ns 🗌			
B8.	Does your hospital 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)?					
	[ [ [ [	Registered I Internationa Registered I Certified Nu Other Lacta	• •	Lactation C M) pecialist	Consultant (IBCLC)	
B9.	□No	·	,		lusively to in-patient lactation care?	
50.		FTEs	(If less than 1 F For example, 40	TE, please i hours per hours per	record as a decimal.	
B10.	How often is a lamothers during			provide har	nds-on breastfeeding support to	
	Weekday day Weekday night Weekend day Weekend night	ts □ ⁄s □	Sometimes  □  □  □	Never		
	3	<del></del>	<del></del>			

#### B11. Does your hospital have a written policy and ressing LLECTION

	a.	formal in-service training programs for hospital staff	Yes	No	Not Sure □
	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			
B12.	Ho	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)			
B13.	Do a. b.	es your hospital provide any of the following to <b>hospital staff</b> who are a  A designated room to express milk  On-site child care for dependents of hospital staff	Yes	No	
	C.	Electric breast pump for hospital staff use			
	d.	Permission to use existing work breaks to express milk			
	e.	Breastfeeding support group for hospital staff			
	f.	Lactation consultant/specialist available for consult			
	g.	Paid maternity leave (other than accrued vacation or sick leave)			

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#### SECTION C: HOSPITAL CHARACTERISTICS

C1.	How many total live birthslive births	took place in the past calendar or fiscal year at your hospital?						
C2.	cesarean section (total ces	Approximately what percentage of live births in the past calendar or fiscal year were by cesarean section (total cesarean sections)? (If your hospital does not formally track this information, please provide your best estimate.)						
	% If cesarean bir	rths are not performed at your hospital, record "0"						
C3.	Approximately what percer epidurals at your hospital?	ntage of laboring women in the past calendar or fiscal year were giver%						
C4.	prostaglandins, misoprosto	Approximately what percentage of patients received pharmacological agents (e.g. oxytocin, prostaglandins, misoprostol, mifepristone, relaxin) to initiate or speed up labor onset at your hospital 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 hospital in the past calendar or fiscal year?%							
C6.	When does your hospital record (keep track of) the number of mothers breastfeeding? (answer all that apply)							
	☐ At admission→	What percentage of women intended to breastfeed at admission in the past calendar or fiscal year?						
	☐ At some point during the hospital stay →	What percentage of women were breastfeeding during their hospital 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 hospital in the past calendar or fiscal year?						
		%						
	☐ Our hospital does not rec	ord the number of mothers breastfeeding						
	Not sure							

C7. Please select the positions of titles of the people who have worked or 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.

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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