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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, Reports Clearance Officer, 1600 Clifton Road, MS D-74, 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 and may be shared with state health departments for the development of public health programs. 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:

Jaime Liesmann, M.S., R.D., 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 cla	asses offered at you	r center, either by	center staff or con	tracted personnel?
	□ Yes →	Is breastfeeding co prenatal/childbirth	-	the class content ir ?	n the
		□ Yes			
		□ No			
		Does your center o	ffer a separate pr	enatal breastfeedir	ng class?
		□ No			
	□ No				
	□ Not sure				
A2.	Approximately h		oregnant or postp	artum) are asked b	y center staff about their
	Few	Some	Many	Most	Not Sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
	_	_	_	_	_
A3.	How often is the her infant's cen		eding decision red	corded on a center	record? (either hers or
	Rarely	Sometimes	Often	Almost always	Not Sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
For U	ncomplicated	Vaginal Births:			
A4.	identification ind		after <u>uncomplica</u>		pgar, and cord clamping done while the mother is
	Rarely	Sometimes	Often	Almost always	Not Sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
	_	-	-	_	_
A5.		how many mothers ast 30 minutes within			y full-term infants <u>skin-</u> vaginal births?
	Few	Some	Many	Most	Not Sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	

A6.					itfed infants are put ncomplicated vagin	
		Within 1 ho	our after delivery	%		
	More	than 1 hour - 2 hou	•	 %		
	More t	han 2 hours - 4 hou	urs after delivery	<u></u> %		
		More than 4 hou	urs after delivery	<u></u> %		
			Total	100%		
A7.		oximately what perc irst feeding after ur			stfed infants are give	en the following
			Breast milk	%		
			Water	%		
			Glucose water	%		
			Infant formula	%		
			Total	100%		
A8.	taken	to the nursery or o igns, first bath)? S → On averag	•	a for transition (e	erm breastfed infar .g. processing as a nsition period?	_
A9.	Are co □ Ye	esarean births perfo s	ormed at your birtl	h center?		
	□ No	☐ Skip to Quest	ion A15			
	For U	Jncomplicated C	Cesarean Births	:		
	A10.	clamping, identifi		ot printing) after	ess <i>ment including A</i> uncomplicated ces fant <u>skin-to-skin</u> ?	
		Rarely	Sometimes	Often	Almost Always	Not Sure
		(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
	A11.		t least 30 minutes	are encouraged	to hold their health y s after delivery for <u>u</u>	/ full-term infants
		Few	Some	Many	Most	Not Sure
		(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	

	A12.		e first time during			d infants are put to the y for <u>uncomplicated</u>
			Within 2 hours a	fter delivery	%	
		More than 2 h	nours – 4 hours a	fter delivery	%	
		Мо	re than 4 hours a	fter delivery	%	
				Total	100%	
	A13.	• •	-	-	full-term breastfed ed cesarean births	d infants are given the ??
				Breast milk	%	
				Water	%	
			Glu	ucose water	%	
			Inf	ant formula	%	
				Total	100%	
	A14.	routinely tak		or other separ		m breastfed infants ion (e.g. processing as a
		□ Yes →	On average, ho	ow long is the i	nfant in this transiti	on period?
		□ No	min	utes		
For A	ll Birth	ıs:				
A15.	teach	breastfeeding		comfortable p	ositioning, holding	tely how many do you infant, how to express
		Few	Some	Many	Most	Not Sure
	(00	%–9%) □	(10%–49%) □	(50%–89%)	(90%+) □	
A16.	Approx hunge	•	many mothers ar	e taught to rec	ognize and respon	d to first signs of baby's
		Few	Some	Many	Most	Not Sure
	(00	% – 9%)	(10%–49%)	(50%–89%)	(90%+) □	
			Ц	Ц	-	_
A17.			rnity care staff ad nurse for 5, 10, or			the length of suckling at
		Rarely	Sometimes	Often	Almost always	Not Sure
	(0)	%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	٥

A18.						her-baby couples are directly luring the maternity care center
			me	Many	Most	Not Sure
	(0	,	–49%) ⊒	(50%–89%) □) (90%+) □	٥
		.	_	_	_	-
A19.	Do sta	aff at your birth cente	er use a	tool to assess b	oreastfeeding ef	fectiveness?
	□ Yes				uch as LATCH o maternity care s	or IBFAT or a tool staff.
	□ No					
A20.	somet please	thing other than brea e provide your best of	ast milk? estimate	(If your center .)	does not forma	nfants are supplemented with fully track this information,
		% If healthy full-te record "0" \rightarrow S			re never suppl	emented,
		record 0 -7 3	ikip to C	Zuestion AZ4		
	For S	Supplemented He	althy F	ull-Term Brea	stfed Infants:	
	A21.	Are healthy full-to	erm brea	astfed infants w	ho are supplem	nented ever given the following
		types of suppleme				g
			Yes	No		
		Infant Formula				
		Water	_	_		
		Glucose water				
	A22.	Of the healthy full what percentage a			• •	emented with <u>infant formula,</u> ons?
				Doctor's orders	%	
		Nu	rse's re	commendation	%	
			M	lother's choice	%	
		Other (please spe	cify)		%	
				Total	100%	
	A23.					emented with <u>water or</u> ne following reasons?
				Doctor's orders	%	
		Nu	rse's re	commendation	%	
			M	other's choice	%	
		Other (please spe	cify)		%	
		W. .	4 5	Total	100%	
⊢or A	ıı Heal	lthy Full-term Bre	astfed	ıntants:		

A24.	care s		e do not include	y full-term breas the use of pacifie					
	(0	Few 9%–9%) □	Some (10%–49%) □	Many (50%–89%) □	Most (90%+) □	Not Sur □	re		
A25.	Does □ Ye	your center	receive free infa	_	_	-			
	□ No	•							
A26.	Does □ Ye □ No	S	enter have a we	ell-baby nursery?					
For A	All Birtl	hs:							
A27.	What is the typical length of stay at your center for the mother and infant following an uncomplicated vaginal birth?								
	5 -1325	 □ 4 hours or less → Skip to Question A32 □ 5 – 12 hours → Skip to Question A32 □ 13 – 24 hours → Skip to Question A32 □ 25 – 48 hours □ More than 48 hours 							
	For Center Stays Longer Than 24 Hours:								
	A28. Are healthy full-term breastfed infants routinely taken from the mother's room at night? ☐ Yes→ On average, how many hours is baby away from mother at night? minutes OR hours ☐ No								
	A29.	A29. Among mother-infant couplets that do <u>not</u> room-in at night, approximately how many healthy full-term breastfed infants are brought to their mothers at night for feedings?							
		ew 6–9%)		Many (50%–89%)		Not Sure	Not Applicable (All couplets room-in at night)		
	A30.	Approxim	□ ately how many	□ healthy full-term	□ breastfed infant	□ s are taken fro	om the		

mother's room for:

	Pediatric rounds Change of shift Visiting hours Hearing test Heel stick Infant photos Infant's bath Mother bathing Mother out of room	Few (0%–9%)	Some (10%–49%)	Many (50%–89%)	Most (90%+)	Not Sure
	8 or fewer ho	n with their m urs per day urs per day urs per day				ess of feeding f hours per day?
For A	II Center Stays:					
A32.	Are discharge packs/b Yes No What support does you discharge? (check all a. Postpartum telephore). Telephone number c. Postpartum follow-up vise. Referral to center-off. Referral to other borg. Referral to lactation h. Referral to an outpoor j. List of resources for k. Breastfeeding asset. Other (please special).	ur center rour that apply) one call by consitered to the consultant of the consultant of the consultant or those eligible atient lactation breastfeed essment sheet the consultant or the consultant lactation breastfeed essment sheet the consultant sheet co	tinely (most of enter staff o call nter after discl arge feeding suppo support group specialist ole) on clinic ing help	the time) offer narge rt group s		·
A34.	What is the highest lev ☐ Healthy newborn - ☐ Special care (Leve	⇒ Skip to Qւ	estion B1	ed at your cente	er?	

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%+) □	

☐ Intensive care (Level 3 NICU)

Please continue \rightarrow

B1.	On average, ho employees?	w many	hours do	birth attend	lants spend	in breastfeed	ling educa	tion as new
No	one <1 ho	our	1-3 hours	4–7 h	ours 8–1	17 hours	8 or more	Not Sure
Ţ				0	I		hours	
B2.	On average, ho breastfeeding e					pes of mater	nity care s	taff spend in
			None	< 1 hour	1-2 hours	3 or more hours	Not Sure	Not Applicable
-	sicians employed enter, residents,	-						🗖
	ertified Nurse Mic dvance practice		<u> </u>					
B3.	How often are band support?	oirth atter	ndants as	sessed for	level of com	petency in br	eastfeedir	ng management
	At least once a year □	Less once a	ı year 📑	Not Assess	ed			
B4.	How many birth	attenda	nts receiv	ed breastfe	eeding educ	ation in the p	ast year?	
	Few		ome	Man	•	Most	Not S	ure
	(0%–9%) □	(10%	5–49%) □	(50%–8 □	39%)	(90%+) □		
B5.	On average, ho year?	w many	hours did	birth attend	dants spend	in breastfeed	ding educa	ation in the past
	None	<1 hou	r 1-2	2 hours	3–4 hours	5 or more	e Not	Sure
	٥			0		hours	Ę	ם
B6.	On average, ho breastfeeding e				e following ty	ypes of mater	nity care s	staff spend in
	breastreeding c	addation	None	< 1 hour	1-2 hours	3 or more hours	Not Sure	Not Applicabl e
-	cians employed I nter, residents, ir	-				٥		
	tified Nurse Midy Ivance practice n					٥		٥

TRAINING, PERSONNEL, AND POLICY

SECTION B:

В7.	(check all tha	•	n care providers de	eliver intants	at your center?	
	Family	rician/Gynecolo Practice Physic fied Nurse Midv	cians 🗆			
B8.	breastfeeding		d management an		r (a person who is trained in ble for ensuring the implemen	ntation
	□ Yes →	□ Registered□ Internationa□ Registered□ Certified No	al Board Certified Dietician (RD) urse Midwife (CNN ation consultant/sp	Lactation Co	,	
	□ No					
B9.	How many fu	II time equivale	nts (FTEs) are ded	dicated exclu	sively to in-patient lactation c	are?
		FTEs	For example, 40) hours per v) hours per v	cord as a decimal. veek = 1 FTE, veek = .5 FTEs, per week = .25 FTEs.)	
B10.		a lactation spec		provide hand	s-on breastfeeding support to)
		Always		Never		
	Weekday o	-				
	Weekday ni Weekend o	_				
	Weekend ni	-	0	٥		

a. formal in-service training programs for center staff b. prenatal classes informing mothers about breastfeeding	Ç	ì	No Sur	
· ·			0	0
e. initiating breastfeeding after recovery for births by uncomplicated cesarean section	Ç	ב		
f. showing mothers how to express breast milk and maintain lactation should they be separated from their infants	. [1		
g. giving breastfed infants food or drink other than breast milk	Ç)		
, ,	_		_	
feedings				_
	_		_	
 referral of mothers with breastfeeding problems to appropriate resources (e.g. lactation consultant/specialist, community support group, medical provider, WIC Program) 	Ļ	J	u	
 referral of mothers to appropriate community breastfeeding resources upon discharge 	Ţ	ם		
How 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)	r) 0 0 0 0))))		
Does your center provide any of the following to center staff who are a				
a A designated room to express milk	_	_		
	_	_		
•	_	_	_	
·				
	_	_		
	_	_	0	
	 b. prenatal classes informing mothers about breastfeeding c. asking about mothers' feeding plans d. initiating breastfeeding within 60 minutes after uncomplicated vagin 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 How 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) 	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) l. referral of mothers to appropriate community breastfeeding resources upon discharge How 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. New staff orientation e. New staff training f. Staff meeting g. Word of mouth h. Other (please specify) Does your center provide any of the following to center staff who are also more as 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	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) l. referral of mothers to appropriate community breastfeeding resources upon discharge How 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 orientation e. New staff training f. Staff meeting g. Word of mouth h. Other (please specify) Does your center provide any of the following to center staff who are also mothers Yes 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	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 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 How 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) Does your center provide any of the following to center staff who are also mothers? 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

B11. Does your center have a written policy addressing...

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. 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 are 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 C5. ate C6.

cei	nter in the past calendar or fisca	I year?%
(e.	g. amniotomy, stripping or swee	patients received mechanical or surgical approaches ping membranes, balloon or Foley catheter dilation) to inition ter in the past calendar or fiscal year?%
	nen does your center record (keenswer all that apply)	ep 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 the	number of mothers breastfeeding
	Not sure	

C7. 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		٥
Birth Center director		٥
Labor and Delivery unit manager/supervisor	r 🗅	٥
Maternity care services director/manager		٥
Lactation services coordinator		٥
Clinical nurse specialist		٥
Director of obstetrics and gynecology		٥
Director of perinatal care		٥
Director of pediatrics		٥
Medical Director		٥
NICU nurse manager		٥
Staff physician		٥
Staff midwife		٥
Staff nurse		٥
Database manager/coordinator		٥
Other (please specify)		٥

☐ 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