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

2013 Facility 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
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 facilities 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 facilities 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, Center for Analytics and Public Health, 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 Dohack, 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

SECT	ION A:	FACILITY PRACTIC	CES		
A1.	Are prenatal cl	lasses offered at your	facility, either by	y facility staff or cont	racted personnel?
	□ Yes →	Is breastfeeding co prenatal/childbirth p	•	the class content in s?	the
		☐ Yes			
		□ No			
		Does your facility of	fer a separate p	renatal breastfeedinç	g class?
		□ No			
	□ No				
	■ Not sure				
A2.	Approximately newborn feedi	, ,	regnant or postp	partum) are asked by	facility staff about their
	Few	Some	Many	Most	Not Sure
	(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
A3.	How often is the her infant's fac	ne mother's infant feed	ding decision red	corded on a facility re	ecord? (either hers or
	Rarely	Sometimes	Often	Almost always	Not Sure
	(0%–9%) □	(10%–49%) □	(50%–89%) _	(90%+) □	
	_	_	_	_	_
For U	-	l Vaginal Births:			
A4.	identification in		after <u>uncomplica</u>		ngar and cord clamping, one while the mother is
	Rarely (0%–9%)	Sometimes (10%–49%)	Often (50%–89%)	Almost always (90%+)	Not Sure
	` o ´	` u ´	` • ´	` 🖸 ´	
A5.	Approximately	, how many mothers a	are encouraged	to hold their healthy	full-term infants skin-
		east 30 minutes within			

Few

(0%–9%) □ Some

(10%–49%) □ Many (50%–89%) □ Most

(90%+) • Not Sure

A6.		eximately what perce st time during the sp				
		Within 1 ho	ur after delivery	%		
	More	than 1 hour - 2 hour	rs after delivery	 %		
	More t	han 2 hours - 4 hou	rs after delivery	 %		
		More than 4 hou	rs after delivery	%		
			Total	100%		
A7.		oximately what perce irst feeding after <u>und</u>			t fed infants are give	en the following
			Breast milk	%		
			Water	%		
			Glucose water	%		
			Infant formula	%		
			Total	100%		
A8.	taken	ving <u>uncomplicated</u> to the nursery or otl igns, first bath)? s > On average	her separate area		g. processing as a	
			minutes			
	□ No					
A9.	Are c	esarean births perfo	rmed at your facil	lity?		
	□ Ye	•	-	,		
	□ No	☐ Skip to Questi	ion A15			
	For U	Incomplicated Ce	esarean Births:			
	A10.		ation including fo	ot printing) after <u>u</u>	ssment including A uncomplicated cesa ant <u>skin-to-skin</u> ?	
		Rarely	Sometimes	Often	Almost Always	Not Sure
		(0%–9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	
	A11.				o hold their healthy after delivery for <u>u</u>	
		Few	Some	Many	Most	Not Sure
		(0%–9%)	(10%–49%)	(50%–89%)	(90%+)	
		U	ш	Ц	ш	

	AIZ.		the first time durin	•		y for <u>uncomplicated</u>
			Within 2 hours	after delivery	%	
		More than 2	hours – 4 hours	after delivery	%	
		M	ore than 4 hours	after delivery	%	
				Total	100%	
	A13.	• •	-	-	full-term breastfeo ted cesarean births	d infants are given the ??
				Breast milk	%	
				Water	%	
			G	lucose water	%	
			II.	nfant formula	%	
				Total	100%	
	A14.	routinely ta		y or other separ		m breastfed infants ion (e.g. processing as a
		☐ Yes ∃	→ On avera	ge, how long is t	he infant in this traı	nsition period?
				minutes		
		☐ No				
5 05 A	II Dist	ho				
For A						
A15.	teach	breastfeedir		g. comfortable p	ositioning, holding	tely how many do you infant, how to express
		Few	Some	Many	Most	Not Sure
	(0	9%) □	(10%–49%) □	(50%–89%) □	(90%+) □	٥
A16.	Appro hunge	•	พ many mothers ส	are taught to rec	ognize and respon	d 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		_	the length of suckling at
		Rarely	Sometimes	Often	Almost always	Not Sure
	(0	9%) □	(10%–49%) □	(50%–89%) □	(90%+) •	

A18.						r-baby couples are directly ng the maternity care facility
			me	Many	Most	Not Sure
	(0	, ,	–49%) ⊒	(50%–89%) □	(90%+) □	٥
A19.	Do sta	aff at your facility us	e a tool t	o assess breast	feeding effectiven	ess?
I	⊒ Yes				ch as LATCH or II naternity care staff	
I	⊐ No		,			
A20.	somet		ast milk?	(If your facility		nts are supplemented with track this information,
		% If healthy full-te record "0" and				ented,
	For S	Supplemented He	althy Fu	ull-Term Breas	stfed Infants:	
	A21.	Are healthy full-t o			ho are supplemen	ted ever given the following
			Yes	No		
		Infant Formula		_		
		Water				
		Glucose water				
	A22.	Of the healthy ful what percentage a				ented with infant formula, ?
			D	octor's orders	%	
		Nι	ırse's rec	commendation	%	
				other's choice	%	
		Other (please spe	ecify)			
				Total	100%	
	A23.	Of the healthy ful glucose water , w				ented with <u>water or</u> ollowing reasons?
			D	octor's orders	%	
		Nι	ırse's rec	commendation	%	
			М	other's choice	%	
		Other (please spe	ecify)		%	
				Total	100%	

For A	ll Heal	thy Full-te	rm Breasti	fed Infants:			
A24.	care s						pacifiers by maternity ures (e.g., circumcision)
		Few %–9%) □	Some (10%–49% □	Man ⁄⁄6) (50%–8		Most 90%+) □	Not Sure □
		_	_	_		_	_
A25.	Does	your facility r	eceive free	infant formula?			
	☐ Yes	5					
	□ No						
	☐ Not	Sure					
A26.	Does	your facility h	nave a well-	baby nursery?			
	☐ Yes	5					
	□ No						
For A	II Birth	ns:					
A27.		s the typical plicated vag	-	ay at your facili	ty for the moth	ner and infant	following an
	□ 4 h	ours or less	→ Skip to	Question A32			
			-	Question A32			
	1 3	– 24 hours	→ Skip to	Question A32			
	□ 25	– 48 hours					
	☐ Mo	re than 48 h	ours				
	For F	acility Stav	/s Longer	Than 24 Hou	rs:		
	A28.		•			ken from the	mother's room at night?
	,	□ Yes→	=	ge, how many h	-		_
					_	OR	_ hours
		□ No					
	A29.						oximately how many at night for feedings?
							Not
	Few (0%–9		Some %–49%)	Many (50%–89%)	Most (90%+)	Not S	ure Applicable (All couplets room-in at night)

	A30.	Approximately how mother's room for:	many health	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	Ò	Ò		Ò	
		Change of shift					
		Visiting hours					
		Hearing test					
		Heel stick					
		Infant photos					
		Infant's bath					
		Mother bathing					
		Mother out of room					
	A31.	Approximately what method, remain with					
		8 or fewer hours p	er day	%			
		9–15 hours p	er day	<u>%</u>			
		16–23 hours p	er dav	— %			
		more than 23 hours p		<u></u> %			
		more than 25 hours p	Total $\frac{100}{100}$				
			10141 100	370			
For A	All Fac	ility Stays:					
A32.	Are c	lischarge packs/bags (containing inf	fant formula sa	mples given to	breastfeedin	g mothers?
	□ Ye	20	_				
	<u> </u>	5					
A33.		t support does your fac arge? (<i>check all that a</i>	-	/ (most of the ti	me) offer to bro	eastfeeding n	nothers at
	a l	Postpartum telephone	call by facilit	v staff			
		Telephone number for	-	•	_		
		Postpartum follow-up v	•		_ e		
		Home follow-up visit a	-	_	Ŭ <u> </u>		
		Referral to facility-base	_		_		
		Referral to other breas		0 0	oup = □		
		Referral to lactation co	• .		_		
	•	Referral to WIC (for the	•	olalist	_		
		Referral to an outpatie	• ,	linic	_		
		List of resources for br			_		
	-	Breastfeeding assessr	_	I -	٥		
		Other (please specify)					
		()					

A34.	☐ Healthy newbo☐ Special care (L☐ Intensive care (•	
	•	ensive care (Level 2, 3, or 4): Dercentage of infants in the special care or intensive care unit are	e routinely
receivi	ing the following (sin sarily sum to 100%)	ce infants may receive more than one type feeding, percentage	
		wn breast milk% ked donor milk% Formula%	
A36. E	Does your special ca	re or intensive care unit use human milk fortifier (HMF)?	
	□ Yes → □ No	☐ Human-milk based fortifier☐ Formula-based fortifier	
		Please	continue →

		oyees?							
Ν	one	<1 hour	1-3 hou	urs 4–	7 hours 8	3–17 hour	·C	more ours	Not Sure
	۵								ū
B2.	_	ge, how many ding educatio			•	g types of	maternity	care staf	spend in
				None	< 1 hour	1-2 nours	3 or more hours	Not Sure	Not Applicabl
	-	ians employe facility, resid in	-		٥		0		e □
		l Nurse Midw ce practice nu	,				0		
B3.		are nurses/b ent and supp		ndants ass	sessed for le	evel of cor	npetency	in breastfe	eding
	At leas once a ye		a year	Not Asse □	ssed				
B4.	How many	/ nurses/birth	attenda	ants receiv	ed breastfee	ding educ	cation in t l	he past y	ear?
	Few (0%–9° □		Some %–49%) □		/lany ⁄6–89%) □	Most (90%+ □		Not Sure □	
B5.	On averag	ge, how many vear?	/ hours o	did nurses/	birth attenda	ants spend	d in breas	tfeeding e	ducation in
	None	<1 hour	1-	2 hours	3–4 hours		more	Not Sure	
							urs ⊒		
B6.	_	ge, how many ding educatio				g types of	f maternity	care stat	f spend in
			None	< 1 hour	1-2 hours	3 or m hour			Not plicabl
	cians emplo cility, resider			•				ì	e □
Ce	rtified Nurse Ivance pract	Midwives,		0		٠		ì	
		ey Instrumer		_	endix H				Page 10

TRAINING, PERSONNEL, AND POLICY

SECTION B:

2013 and 2015 mPINC Surveys

B7.	Which of the follo (check all that ap	•	care providers de	eliver infant	s at your facility?
	Obstetrician/ Family Pract Certified N		ıns 🗆		
B8.		ysiology and	l management an		tor (a person who is trained in sible for ensuring the implementation
	_ _ _ _	Registered Internationa Registered Certified Nu Other Lacta	• •	Lactation C //) pecialist	Consultant (IBCLC)
B9.	How many full tin	ne equivaler	nts (FTEs) are de	dicated exc	lusively to in-patient lactation care?
		FTEs	For example, 40 20	hours per hours per	record as a decimal. week = 1 FTE, week = .5 FTEs, per week = .25 FTEs.)
B10.	How often is a lac mothers during th			provide hai	nds-on breastfeeding support to
	Weekday days	Always □	Sometimes	Never □	
	Weekday nights		0	<u> </u>	
	Weekend days				
	Weekend nights		۵		

B11.	Does your facility have a written policy addressing			
		Yes No	No Sur	
	a. formal in-service training programs for facility staff			
	b. prenatal classes informing mothers about breastfeeding			
	c. asking about mothers' feeding plans			
	d. initiating breastfeeding within 60 minutes after uncomplicated vagina 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.	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)			
B13.	Does your facility provide any of the following to facility staff who are als	so mothe	rs?	
D10.	bees your latently provide any or the following to latently start who are as	Yes	No	
	a. A designated room to express milk			
	b. On-site child care for dependents of facility staff		_	
			<u> </u>	
	• • •			
	d. Permission to use existing work breaks to express milk			
	e. Breastfeeding support group for facility staff			
	f. Lactation consultant/specialist available for consult			
	g. Paid maternity leave (other than accrued vacation or sick leave)			
B14. lactatio	How many International Board Certified Lactation Consultants (IBCLC) pn care at your facility?	orovide in-	patien	nt
SECT	ON C: FACILITY CHARACTERISTICS			

C1.	live births	took place in the past calendar or fiscal year at your facility?
C2.		ntage of live births in the past calendar or fiscal year were by carean sections)? (If your facility does not formally track this e your best estimate.)
	% If cesarean bir	ths are not performed at your facility, record "0"
C3.	Approximately what percer epidurals at your facility? _	ntage of laboring women in the past calendar or fiscal year were giver%
C4.		ntage of patients received pharmacological agents (e.g. oxytocin, ol, mifepristone, relaxin) to initiate or speed up labor onset at your or fiscal year?%
C5.	(e.g. amniotomy, stripping	ntage of patients received mechanical or surgical approaches or sweeping membranes, balloon or Foley catheter dilation) to initiate your facility in the past calendar or fiscal year?%
C6.	When does your facility rec (answer all that apply)	cord (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 facility stay →	What percentage of women were breastfeeding during their facility 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 facility in the past calendar or fiscal year?
		%
	Our facility does not recor	d the number of mothers breastfeeding
	Not sure	

	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		٠
Medical Director		
NICU nurse manager		
Staff physician		
Staff midwife		٠
Staff nurse		
Database manager/coordinator		٠
Lactation consultant/specialist		
Other (please specify)		

Thank you very much for your participation in this survey.

C7.

Comments:	

Please return by mail to:

CDC National Survey of Maternity Practices in Infant Nutrition and Care (mPINC) Battelle Center for Analytics and Public Health 5712 Oakland Avenue St. Louis, MO 63110