CDC mPINC HOSPITAL SURVEY
Maternity Practices in Infant Nutrition & Care

2018 Puerto Rico Results Report

Puerto Rico Total Score*

72

National Total Score*

79

What is mPINC?

mPINC is CDC's national survey of Maternity Practices in Infant Nutrition and Care.

What does mPINC measure?

The survey measures care practices and policies that impact newborn feeding, feeding education, staff skills, and discharge support.

Who is included in mPINC surveys?

CDC invites all hospitals with maternity services in the U.S. and territories to participate. In 2018, 18 of 33 eligible hospitals in Puerto Rico participated (55%).

Implementing best practices and policies in maternity care help to improve breastfeeding outcomes. Use Puerto Rico's mPINC data to bring together partners, identify gaps, celebrate achievements, and prioritize next steps.

Immediate Postpartum Care	National Subscore 81	Puerto Rico Subscore 57	Puerto Rico Hospitals with Ideal Response
Newborns remain in uninterrupted skin-to-skin contact for at least 1 hour or until breastfed (vaginal delivery)			44%
Newborns remain in uninterrupted skin-to-skin contact for at least 1 hour or until breastfed (cesarean delivery)			17%
Mother-infant dyads are NOT separated before rooming-in (vaginal delivery)			28%
Newborns are monitored continuously for the first 2 hours after birth			72%
Rooming-In	**National Subscore 71**	**Puerto Rico Subscore 61**	**Puerto Rico Hospitals with Ideal Response**
Mother-infant dyads are rooming-in 24 hours/day			61%
Routine newborn exams, procedures, and care occur in the mother's room			6%
Hospital has a protocol requiring frequent observations of high-risk mother-infant dyads			78%
Feeding Practices	**National Subscore 82**	**Puerto Rico Subscore 65**	**Puerto Rico Hospitals with Ideal Response**
Few breastfeeding newborns receive infant formula			33%
Hospital does NOT perform routine blood glucose monitoring on newborns not at risk for hypoglycemia			33%
When breastfeeding mothers request infant formula, staff counsel them about possible consequences			83%

Feeding Education & Support	National Subscore 92	Puerto Rico Subscore 94	Puerto Rico Hospitals with Ideal Response
Mothers whose newborns are fed formula are taught feeding techniques and how to safely prepare/feed formula			78%
Breastfeeding mothers are taught/shown how to recognize/respond to feeding cues, to breastfeed on-demand, and to understand the risks of artificial nipples/pacifiers			83%
Breastfeeding mothers are taught/shown how to position and latch their newborn, assess effective breastfeeding, and hand express milk			83%

Discharge Support	National Subscore 78	Puerto Rico Subscore 86	Puerto Rico Hospitals with Ideal Response
Discharge criteria for breastfeeding newborns requires direct observation of at least 1 effective feeding at the breast within 8 hours of discharge			94%
Discharge criteria for breastfeeding newborns requires scheduling of the first follow-up with a health care provider			89%
Hospital's discharge support to breastfeeding mothers includes in-person follow-up visits/ appointments, personalized phone calls, or formalized, coordinated referrals to lactation providers			83%
Hospital does NOT give mothers any of these items as gifts or free samples: infant formula; feeding bottles/nipples, nipple shields, or pacifiers; coupons, discounts, or educational materials from companies that make/sell infant formula/feeding products			78%

Institutional Management	National Subscore 70	Puerto Rico Subscore 70	Puerto Rico Hospitals with Ideal Response
Nurses are required to demonstrate competency in assessing breastfeeding (milk transfer & maternal pain), assisting with breastfeeding (positioning & latch), teaching hand expression & safe formula preparation/feeding, and demonstrating safe skin-to-skin practices			78%
Hospital requires nurses to be formally assessed for clinical competency in breastfeeding support/lactation management			72%
Hospital records/tracks exclusive breastfeeding throughout the entire hospitalization			94%
Hospital pays a fair market price for infant formula			11%
Hospital has 100% of written policy elements§			17%

*Scores range from 0 to 100, with 100 being the best possible score. The "Total Score" is an average of the subscores for the 6 subdomains.

§See the scoring algorithm for specific items at www.cdc.gov/breastfeeding/data/mpinc/scoring.htm

NOTE: The mPINC survey was redesigned in 2018. Results from the 2018 mPINC survey cannot be compared with results from previous mPINC surveys.

Questions about the mPINC survey?

Visit www.cdc.gov/breastfeeding/data/mpinc to learn more.

U.S. Department of Health and Human Services
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