



## 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, 2045 of 2913 eligible hospitals participated (70%).

**National Total Score\***

**79**

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

### Immediate Postpartum Care

National Subscore: **81**

% of Hospitals with Ideal Response

Newborns remain in uninterrupted skin-to-skin contact for at least 1 hour or until breastfed (vaginal delivery)

**67%**

Newborns remain in uninterrupted skin-to-skin contact for at least 1 hour or until breastfed (cesarean delivery)

**50%**

Mother-infant dyads are NOT separated before rooming-in (vaginal delivery)

**86%**

Newborns are monitored continuously for the first 2 hours after birth

**68%**

### Rooming-In

National Subscore: **71**

% of Hospitals with Ideal Response

Mother-infant dyads are rooming-in 24 hours/day

**73%**

Routine newborn exams, procedures, and care occur in the mother's room

**27%**

Hospital has a protocol requiring frequent observations of high-risk mother-infant dyads

**71%**

### Feeding Practices

National Subscore: **82**

% of Hospitals with Ideal Response

Few breastfeeding newborns receive infant formula

**39%**

Hospital does NOT perform routine blood glucose monitoring on newborns not at risk for hypoglycemia

**90%**

When breastfeeding mothers request infant formula, staff counsel them about possible consequences

**60%**

<b>Feeding Education &amp; Support</b>		<b>National Subscore:</b>	<b>92</b>	<b>% of Hospitals with Ideal Response</b>
Mothers whose newborns are fed formula are taught feeding techniques and how to safely prepare/feed formula				<b>71%</b>
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				<b>73%</b>
Breastfeeding mothers are taught/shown how to position and latch their newborn, assess effective breastfeeding, and hand express milk				<b>66%</b>
<b>Discharge Support</b>		<b>National Subscore:</b>	<b>78</b>	<b>% of Hospitals with Ideal Response</b>
Discharge criteria for breastfeeding newborns requires direct observation of at least 1 effective feeding at the breast within 8 hours of discharge				<b>71%</b>
Discharge criteria for breastfeeding newborns requires scheduling of the first follow-up with a health care provider				<b>86%</b>
Hospital's discharge support to breastfeeding mothers includes in-person follow-up visits/appointments, personalized phone calls, or formalized, coordinated referrals to lactation providers				<b>91%</b>
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				<b>64%</b>
<b>Institutional Management</b>		<b>National Subscore:</b>	<b>70</b>	<b>% of Hospitals with Ideal Response</b>
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 <sup>§</sup>				<b>61%</b>
Hospital requires nurses to be formally assessed for clinical competency in breastfeeding support/lactation management				<b>64%</b>
Hospital records/tracks exclusive breastfeeding throughout the entire hospitalization				<b>93%</b>
Hospital pays a fair market price for infant formula				<b>43%</b>
Hospital has 100% of written policy elements <sup>§</sup>				<b>29%</b>

\*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.

<sup>§</sup>See the scoring algorithm for specific items at [www.cdc.gov/breastfeeding/data/mpinc/scoring.htm](http://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.**



**U.S. Department of Health and Human Services**  
Centers for Disease Control and Prevention

**Questions about the mPINC survey?**

Visit: [www.cdc.gov/breastfeeding/data/mpinc](http://www.cdc.gov/breastfeeding/data/mpinc) to learn more.

Accessible version: <https://www.cdc.gov/breastfeeding/data/mpinc/national-report.html>

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