

## 2018 Human Milk Feeding Measures

**Vision:** As many infants as possible receive human milk. Facilities should address equity among the populations they serve.

**Aim:** Decrease the number of infants not receiving human milk at discharge by 50% from baseline overall and in at least two population subgroups.

Measure	Numerator	Denominator	Data Source
<p><b>[REQUIRED FOR COMMUNITY-BASED OBSTETRIC CARE PROVIDERS]</b></p> <p><b>Measure 1: Prenatal education</b> 100% documented prenatal education on human milk feeding using Criterion 3.4.1 from the Baby Friendly guidelines.</p> <p><i>Criterion 3.4.1: A written description of in-house and/or community-based programs and projects the facility has fostered will be available and will cover, at minimum, the importance of breastfeeding, the importance of exclusive breastfeeding for about 6 months, and basic breastfeeding management (e.g., skin-to-skin contact, rooming-in, and risks of supplements while breastfeeding in the first 6 months).</i></p> <p>Ref: <a href="https://www.babyfriendlyusa.org/get-started/the-guidelines-evaluation-criteria">https://www.babyfriendlyusa.org/get-started/the-guidelines-evaluation-criteria</a></p>	<p>All patients receiving prenatal care who <b>delivered</b> in the data collection month with documented prenatal education on human milk feeding using Criterion 3.4.1 from the Baby Friendly guidelines.</p> <p><i>Criterion 3.4.1: A written description of in-house and/or community-based programs and projects the facility has fostered will be available and will cover, at minimum, the importance of breastfeeding, the importance of exclusive breastfeeding for about 6 months, and basic breastfeeding management (e.g., skin-to-skin contact, rooming-in, and risks of supplements while breastfeeding in the first 6 months).</i></p> <p>Ref: <a href="https://www.babyfriendlyusa.org/get-started/the-guidelines-evaluation-criteria">https://www.babyfriendlyusa.org/get-started/the-guidelines-evaluation-criteria</a></p>	<p>All patients receiving prenatal care who <b>delivered</b> in the data collection month</p>	<ul style="list-style-type: none"> <li>Local electronic health record</li> <li>Manual abstraction</li> </ul>
<p><b>Measure 2: Skin-to-skin after delivery</b> 90% of mothers hold healthy term newborns (≥ 37 weeks 0 days gestation) skin-to-skin, uninterrupted, for at least 60 minutes, or until the completion of the first feeding, beginning within one hour of birth for uncomplicated vaginal births and</p>	<p>All healthy term newborns (≥ 37 weeks 0 days gestation) who are placed skin-to-skin with their mother for at least 60 minutes, or until completion of the first feeding, beginning within one hour of birth for uncomplicated vaginal births and within 2 hours of uncomplicated Cesarean deliveries</p>	<p>All healthy term newborns (≥ 37 weeks 0 days gestation) born via vaginal or Cesarean birth</p> <p><b>Exclusions:</b></p> <ul style="list-style-type: none"> <li>Newborns of mothers who are not responsive, or are unstable following birth;</li> </ul>	<ul style="list-style-type: none"> <li>PeriData.Net®</li> <li>Manual abstraction</li> </ul>

<p>within 2 hours of uncomplicated Cesarean deliveries.</p>	<p><b>Exclusions:</b></p> <ul style="list-style-type: none"> <li>• Newborns of mothers who are not responsive, or are unstable following birth;</li> <li>• Newborns of mothers with a severe illness that prevents them from caring for their infants, e.g., sepsis;</li> <li>• Newborns with a diagnosis that requires admission to special care or neonatal intensive care unit at birth;</li> <li>• Newborns who are being adopted whose birth mothers choose not to initiate immediate contact.</li> </ul>	<ul style="list-style-type: none"> <li>• Newborns of mothers with a severe illness that prevents them from caring for their infants, e.g., sepsis;</li> <li>• Newborns with a diagnosis that requires admission to special care or neonatal intensive care unit at birth;</li> <li>• Newborns who are being adopted whose birth mothers choose not to initiate immediate contact.</li> </ul>	
<p><b>Measure 4: Rooming-in</b> 90% of healthy term newborns (≥ 37 weeks 0 days gestation), regardless of feeding method, remain with their mothers ≥ 23 hours per day.</p>	<p>All healthy term newborns (≥ 37 weeks 0 days gestation), regardless of feeding method, who remain with their mothers ≥ 23 hours per day</p> <p><b>Exclusions:</b></p> <ul style="list-style-type: none"> <li>• Newborns of mothers (or their support person) who have diminished responsiveness to the infant, or are otherwise unstable following birth;</li> <li>• Newborns of mothers with a severe illness that prevents them from caring for their infants, e.g., sepsis;</li> <li>• Newborns with a diagnosis that requires admission to special care or neonatal intensive care unit at birth;</li> <li>• Newborns who are being adopted whose birth mothers choose not to initiate immediate contact.</li> </ul>	<p>All healthy term newborns (≥ 37 weeks 0 days gestation) delivered</p> <p><b>Exclusions:</b></p> <ul style="list-style-type: none"> <li>• Newborns of mothers who are not responsive, or are unstable following birth;</li> <li>• Newborns of mothers with a severe illness that prevents them from caring for their infants, e.g., sepsis;</li> <li>• Newborns with a diagnosis that requires admission to special care or neonatal intensive care unit at birth;</li> <li>• Newborns who are being adopted whose birth mothers choose not to initiate immediate contact.</li> </ul>	<ul style="list-style-type: none"> <li>• PeriData.Net®</li> <li>• Manual abstraction</li> </ul>
<p><b>Measure 5: Exclusive human milk feeding during hospitalization</b> Greater than 70% of healthy term (≥ 37 weeks 0 days gestation) infants receive</p>	<p>All healthy term newborns (≥ 37 weeks 0 days gestation), who receive human milk exclusively through the day of discharge.</p>	<p>All healthy term newborns (≥ 37 weeks 0 days gestation)</p> <p><b>Exclusions:</b></p>	<ul style="list-style-type: none"> <li>• PeriData.Net®</li> <li>• Manual abstraction</li> </ul>

<p>human milk exclusively through the day of discharge.</p>	<p>(Use of glucose for painful procedures is not considered a supplemental feeding.)</p> <p><b>Exclusions:</b></p> <ul style="list-style-type: none"> <li>• Admitted to the Neonatal Intensive Care Unit (NICU) at this hospital during the hospitalization</li> <li>• ICD-10-CM Other Diagnosis Codes for galactosemia as defined in Appendix A, Table 11.21 (Joint Commission)</li> <li>• ICD-10-PCS Principal Procedure Code or ICD-10-PCS Other Procedure Codes for parenteral nutrition as defined in Appendix A, Table 11.22 (Joint Commission)</li> <li>• Experienced death</li> <li>• Length of stay &gt;120 days</li> <li>• Enrolled in clinical trials</li> <li>• Patients transferred to another hospital</li> </ul>	<ul style="list-style-type: none"> <li>• Admitted to the Neonatal Intensive Care Unit (NICU) at this hospital during the hospitalization</li> <li>• ICD-10-CM Other Diagnosis Codes for galactosemia as defined in Appendix A, Table 11.21 (Joint Commission)</li> <li>• ICD-10-PCS Principal Procedure Code or ICD-10-PCS Other Procedure Codes for parenteral nutrition as defined in Appendix A, Table 11.22 (Joint Commission)</li> <li>• Experienced death</li> <li>• Length of Stay &gt;120 days</li> <li>• Enrolled in clinical trials</li> <li>• Patients transferred to another hospital</li> </ul>	
<p><b>[REQUIRED FOR NICUS] Measure 7: Mother's milk in the NICU</b>  Increase the use of maternal milk by 10-20%* in infants with birth weights of 1500 grams or less during their 28th day of life in the NICU.</p> <p>*Sites will select the target based on an assessment of their baseline.</p>	<p>All infants with a birth weight of 1500 grams or less who are 28 days old in the collection month who receive any maternal milk on their 28<sup>th</sup> day of life</p>	<p>All infants with a birth weight of 1500 grams or less who are 28 days old in the collection month</p>	<ul style="list-style-type: none"> <li>• PeriData.Net®</li> <li>• Manual abstraction</li> </ul>
<p><b>Measure 7a: Any human milk at discharge from the NICU</b>  Increase the use of any human milk by 10-20%* in infants with birth weights of 1500 grams or less at discharge from the NICU.</p> <p>*Sites will select the target based on an assessment of their baseline.</p>	<p>All infants with a birth weight of 1500 grams or less who receive any human milk at discharge from the NICU</p>	<p>All infants with a birth weight of 1500 grams or less discharged from the NICU</p>	<ul style="list-style-type: none"> <li>• PeriData.Net®</li> <li>• Manual abstraction</li> </ul>

<p><b>Measure 7b: Exclusive human milk feeding at discharge from the NICU</b> Increase the exclusive use of human milk by 10-20%* in infants with birth weights of 1500 grams or less at discharge from the NICU.</p> <p>*Sites will select the target based on an assessment of their baseline.</p>	<p>All infants with a birth weight of 1500 grams or less who receive human milk exclusively at discharge from the NICU</p>	<p>All infants with a birth weight of 1500 grams or less discharged from the NICU</p>	<ul style="list-style-type: none"> <li>• PeriData.Net®</li> <li>• Manual abstraction</li> </ul>
<p><b>[REQUIRED FOR COMMUNITY-BASED PEDIATRIC CARE PROVIDERS] Measure 8: Human milk feeding after discharge</b> Increase any human milk feeding at 3-4 months.</p>	<p>All infants who receive any human milk at 3-4 months</p>	<p>All infants who are seen at 3-4 months</p>	<ul style="list-style-type: none"> <li>• Local electronic health record</li> <li>• Manual abstraction</li> </ul>
<p><b>Measure 9: Exclusive human milk feeding after discharge</b> Increase exclusive human milk feeding at 3-4 months.</p>	<p>All infants who receive human milk exclusively at 3-4 months</p>	<p>All infants who are seen at 3-4 months</p>	<ul style="list-style-type: none"> <li>• Local electronic health record</li> <li>• Manual abstraction</li> </ul>
<p><b>[REQUIRED FOR HOSPITALS] Measure 10: Human milk feeding at discharge</b> Decrease the number of infants not receiving human milk by 50% from baseline.</p>	<p>All healthy term newborns (<math>\geq</math> 37 weeks 0 days gestation) who are receiving any human milk at discharge</p>	<p>All healthy term newborns (<math>\geq</math> 37 weeks 0 days gestation)</p>	<ul style="list-style-type: none"> <li>• Local electronic health record</li> <li>• PeriData.Net®</li> <li>• Manual abstraction</li> </ul>

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