

Proposed Indicators for the Evaluation of the Racine Healthy Babies Home Visiting Program

Indicator	Source of Measure	Proposed Definition of Improvement	Data Collection Plan (timing, population)
<p>1. Average week of pregnancy by which mothers engage in home visiting services and receive a prenatal assessment.</p> <p>Sum of week of pregnancy by which mothers engage in home visiting services and receive a prenatal visit / total # of women enrolled during pregnancy</p>	<p>SPHERE Prenatal Assessment (Question: Section II. 2. Date of last menstrual period.) LMP is used by SPHERE to calculate the estimated date of delivery and week of pregnancy at completion of prenatal visit.</p>	<p>Decrease in the average week of pregnancy by which a mother is enrolled in home visiting services and receives a prenatal assessment.</p>	<p>This measure will be collected only for women enrolled prenatally. This measure will be measured annually at the completion of each program year.</p>
<p>2. Percentage of women served by the program, who receive a postpartum assessment, using tobacco after birth:</p> <p>(100 x # of women with a postpartum assessment using tobacco) /total # of women with a postpartum assessment enrolled in program</p>	<p>SPHERE Postpartum Assessment (Question: Section III.8. Since your pregnancy ended have you smoked cigarettes?)</p>	<p>Decrease in the percentage of women served by the program using tobacco after birth, compared to baseline</p>	<p>This measure will be collected for all mothers with a postpartum assessment served by the program within 60 days of birth. If multiple postpartum assessments are done, then data from the most recent will be used for this measure.</p>
<p>3. Percentage of women served by the program, who receive a postpartum assessment, taking a supplement that contains folic acid:</p> <p>(100 x # of women with a postpartum assessment taking a supplement that contains folic acid)/ total # of women with a postpartum assessment enrolled in program</p>	<p>SPHERE Postpartum Assessment (Question: Section II.5. Are you taking a supplement that contains folic acid?)</p>	<p>Increase in the percentage of women served by the program taking a supplement that contains folic acid, compared to baseline</p>	<p>This measure will be collected for all mothers with a postpartum assessment served by the program within 60 days of birth. If multiple postpartum assessments are done, then data from the most recent will be used for this measure.</p>
<p>4. Percentage of mothers served by the program, enrolled prenatally, who receive information about birth spacing at least once prior to child birth.</p> <p>(100 x # of women served by the program, enrolled prenatally, who receive information on birth spacing at least once prior to birth of the child) / total # of women served by the program, who are enrolled prenatally</p>	<p>SPHERE Health Teaching Topics (Intervention = Health Teaching, Subintervention = Reproductive Life Plan)</p>	<p>Process Measure: Increase or maintain the percentage of mothers served by the program, who are enrolled prenatally, who receive information about birth spacing at least once prior to the birth of the child.</p>	<p>This measure will be collected for all mothers served by the program, who are enrolled prenatally.</p>

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<p>5. The percentage of postpartum women served by the program, who receive a postpartum assessment, who are screened for depression postpartum using the Edinburgh Postnatal Depression Scale (EPDS):</p> <p>(100 x # of women with a postpartum assessment who are screened for depression using the EPDS) / total # of women served by the program who receive a postpartum assessment</p>	<p>SPHERE Postpartum Assessment (Questions: Section III.7e. Depression screening using a standardized screening tool in addition to questions asked previously: yes/no Section III. 7e. EPDS=Yes and Numeric Score)</p>	<p>Process Measure: Increase or maintain in the percentage of women served by the program, who receive a postpartum assessment, who are screened for depression postpartum using the EPDS, compared to baseline</p>	<p>This measure will be collected for all postpartum mothers served by the program who receive a postpartum assessment within 60 days of birth. The EPDS should be conducted between 2 weeks and 60 days postpartum.</p>
<p>6. The average number of weeks that children breastfeed among those who are from mothers served by the program and enrolled prenatally, with a 6 month Infant Assessment:</p> <p>For infants of mothers served by the program and enrolled prenatally, if ever breastfed, average number of weeks breastfed, measured at 6 months of age / 1</p>	<p>SPHERE Infant Assessment (at age 6 months) (Section VI.5. Was baby ever breastfed? If yes, how long?)</p>	<p>Outcome Measure: For children of mothers served by the program and enrolled prenatally, if ever breastfed, average number of weeks infant breastfed, measured at 6-months of age</p>	<p>This measure will be collected for all children who were breastfed by mothers served by the program and enrolled prenatally. Infant Assessment should be completed according to the schedule recommended by the American Academy of Pediatrics, at 1 week, 1 month, 2 months, 4 months, 6 months, 9 months and 12 months of age. The Infant Assessment may be conducted more often. This measure will utilize data from the 6 month assessment.</p>
<p>7. Percentage of children of mothers served by the program and enrolled prenatally missing 1 or no well-visit health exams measured at 6 months:</p> <p>(100 x number of children of mothers served by the program and enrolled prenatally missing 1 or no well-visit health exams at 6 months) / total # of children of mothers served by the program and enrolled prenatally</p>	<p>SPHERE Infant Assessment III. 15. Completed Baby Health Exams (Well Visits) Person entering data has option to select assessments completed: 1wk, 1mo., 2mo., 4mo., 6mo., 9mo., 12mo. III. 16. Baby Health Exams Status Person entering data has option to select: “The baby is complete on all health exams for their age”, “The baby currently needs next recommended health exam for their age” or “The baby is past due for their last recommended health exam for their age”.</p>	<p>Increase in the percentage of children of mothers served by the program and enrolled prenatally missing 1 or no well-visit health exams at 6 months, compared to baseline</p>	<p>This measure will be collected for all children of mothers who were enrolled prenatally and have an infant assessment completed at 6 months. Infant Assessment should be completed according to the schedule recommended by the American Academy of Pediatrics, at 1 week, 1 month, 2 months, 4 months, 6 months, 9 months and 12 months of age. The Infant Assessment may be conducted more often. This measure will utilize data from the 6 month assessment.</p>

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<p>8. Percentage of women served by the program with BadgerCare Plus/Medicaid or other health insurance coverage:</p> <p>(100 x # of women with BadgerCare Plus/Medicaid/other health insurance coverage) / total # of women enrolled in program</p>	<p>SPHERE Health Care Coverage Tab (Question: Does the client have health insurance or Medicaid? If yes, coverage type [dropdown menu given])</p>	<p>Increase in the percentage of women served by the program with health insurance or Medicaid.</p>	<p>This measure will be collected for all women enrolled.</p>
<p>9. Percentage of children served by the program with BadgerCare Plus/Medicaid or other health insurance coverage:</p> <p>(100 x # of children with BadgerCare Plus/Medicaid/other health insurance coverage) / total # of children enrolled in program</p>	<p>SPHERE Health Care Coverage Tab (Question: Does the client have health insurance or Medicaid? If yes, coverage type [dropdown menu given])</p>	<p>Increase in the percentage of children served by the program with health insurance or Medicaid.</p>	<p>This measure will be collected for all children enrolled.</p>
<p>10. Average total scores on HOME Inventory measured at 6 months:</p> <p>(Sum of total scores on HOME Inventory measured at 6 months) / total # of newly enrolled children with 6 month HOME assessments</p>	<p>HOME Inventory, Total Score and by Subscale (Recorded in SPHERE: HOME Inventory Report and Trends Over Time Report)</p>	<p>Increase in the average total score on the HOME Inventory measured at 6 months.</p>	<p>This measure will be reported for enrolled children in the program with 6-month HOME scores.</p>
<p>11. Percentage of newly enrolled mothers served by the program who have received information on shaken baby syndrome:</p> <p>(100 x # of newly enrolled mothers who have received information on shaken baby syndrome / total # of newly enrolled mothers)</p>	<p>Health Teaching Topics and Result Report (Intervention = Health Teaching, Subintervention = Shaken Baby Syndrome)</p>	<p>Increase or maintain the percentage of newly enrolled mothers who have received health teaching on shaken baby syndrome, compared to baseline</p>	<p>This measure will be collected for all newly enrolled mothers in the program.</p>

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<p>12. Percentage of newly enrolled mothers administered the <i>Perceived Stress Scale</i> within 60 days of enrollment:</p> <p>(100 x # of newly enrolled mothers administered the <i>Perceived Stress Scale</i> within 60 days of enrollment) / total # of newly enrolled women</p>	<p>Date of administration of <i>Perceived Stress Scale</i>, as well as score, will be added to SPHERE.</p>	<p>Increase or maintain the percentage of newly enrolled mothers administered the <i>Perceived Stress Scale</i> within the first month of enrollment, compared to baseline</p>	<p>This measure will be collected only for newly enrolled women within 60 days of enrollment, then subsequent assessments as needed.</p>
<p>13. Percentage of children, 12 months of age, with an ASQ-3 total score indicating a potential concern, who received a referral for additional intervention services:</p> <p>(100 x # of children, 12 months of age, with an ASQ-3 score indicating a potential concern, who received a referral for additional intervention services) / # of children 12 months of age, with an ASQ-3 score indicating a potential concern</p>	<p>SPHERE Developmental Assessment: ASQ-3 + Plan of Action, Results</p>	<p>Increase or maintain the percentage of children, 12 months of age, with an ASQ-3 score indicating a potential concern, who received a referral for additional intervention services</p>	<p>While all children will be screened using the ASQ-3, this measure will capture outcomes for children whose most recent ASQ-3 score indicates a potential concern.</p>
<p>14. Percentage of children, 12 months of age, with an ASQ-SE score indicating a potential concern, who received a referral for additional intervention services:</p> <p>(100 x # of children, 12 months of age, with an ASQ-SE score indicating a potential concern, who received a referral for additional intervention services) / # of children 12 months of age, with an ASQ-SE score indicating a potential concern</p>	<p>SPHERE Developmental Assessment: ASQ-SE + Plan of Action, Results</p>	<p>Increase or maintain the percentage of children, 12 months of age, with an ASQ-SE score indicating a potential concern, who received a referral for additional intervention services</p>	<p>While all children will be screened using the ASQ-SE, this measure will capture outcomes for children whose most recent ASQ-SE score indicates a potential concern.</p>
<p>15. Percentage of infants served by the program born weighing less than 2,500 grams:</p> <p>(100 x # of infants born weighing less than 2,500 grams) / total # of infants born while mother enrolled in the program</p>	<p>SPHERE Postpartum Assessment Section 1: Birth Information Section, Birth weight</p>	<p>Decrease in the percentage of infants served by the program born weighing less than 2,500 grams, compared to baseline</p>	<p>This measure will be collected only for infants born to mothers enrolled prenatally. The postpartum assessment should take place within 60 days postpartum.</p>

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<p>16. Percentage of infants served by the program born before 37 weeks of gestation:</p> <p>(100 x # of infants born before 37 weeks of gestation) / total # of infants born while mother enrolled in the program</p>	<p>SPHERE Postpartum Assessment Section 1: Birth Information Section, Gestational Age</p>	<p>Decrease in the percentage of infants served by the program born before 37 weeks of gestation, compared to baseline</p>	<p>This measure will be collected only for infants born to mothers enrolled prenatally. . The postpartum assessment should take place within 60 days postpartum.</p>
<p>17. Percentage of mothers served by the program who are screened for domestic violence using a standardized tool or questionnaire within 60 days of enrollment:</p> <p>(100 x # of mothers who were screened for domestic violence using a standardized tool or questionnaire) / total # of families enrolled in the program</p>	<p>Abuse Assessment Screen</p> <p>The format to report information from the standardized measure will be added to SPHERE</p>	<p>Increase or maintain the percentage of families served by the program who are screened for domestic violence using the Abuse Assessment Screen within 60 days of enrollment, compared to baseline</p>	<p>This measure will be collected for all mothers served by the program.</p>
<p>18. Percentage of mothers who received a referral for services after being identified for potential presence of postpartum depression:</p> <p>(100 x # of mothers who received a referral for services after being identified for potential presence of postpartum depression) / total # of mothers identified for potential presence of postpartum depression</p>	<p>SPHERE Postpartum Assessment Section III. Concerns 7g. If indicated, referral made for depression.</p>	<p>Increase or maintain the percentage of mothers who received a referral for services after being identified for potential presence of postpartum depression, compared to baseline</p>	<p>While depression screening will be conducted for all postpartum mothers served by the program, this measure will capture outcomes for mothers identified for potential presence of postpartum depression</p>
<p>19. Percentage of BadgerCare Plus/Medicaid-eligible mothers who received Prenatal Care Coordination (PNCC):</p> <p>(100 x # of mothers who received PNCC) /total # of BadgerCare Plus/Medicaid-eligible mothers enrolled in the program</p>	<p>SPHERE Prenatal Assessment: Prenatal Care Plan, Prenatal Ongoing Monitoring, Health Teaching</p>	<p>Increase or maintain the percentage of eligible mothers who receive PNCC, compared to baseline</p>	<p>This measure will be collected only for mothers who are BadgerCare Plus/Medicaid-eligible and enrolled prenatally.</p>
<p>20. Percentage of BadgerCare Plus/Medicaid-eligible children who received Child Care Coordination (CCC):</p> <p>(100 x # of children who received CCC)/total # of BadgerCare Plus/Medicaid-eligible children enrolled in the program</p>	<p>SPHERE Intervention Case Management: Child Care Coordination Assessment, Care Plan, and On-going Monitoring</p>	<p>Increase or maintain the percentage of eligible children who receive CCC, compared to baseline</p>	<p>This measure will be collected for all BadgerCare Plus/Medicaid-eligible children.</p>

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<p>21. Percentage of women enrolled prenatally who receive WIC during pregnancy:</p> <p>Percent of infants born to mothers served by the program who are currently receiving WIC:</p> <p>(100 x # of postpartum women receiving WIC/total # of women receiving a postpartum assessment who were enrolled prenatally in the program)</p> <p>(100 x # infant receiving WIC/total # of infants enrolled in the program)</p>	<p><u>Postpartum Women:</u> Postpartum Assessment Section I. Question 6. During your pregnancy did you receive the following services? WIC</p> <p><u>Infant:</u> SPHERE Infant Assessment Section VI. Question 1. Is your baby on WIC?</p>	<p>Increase or maintain in the percentage of women enrolled in the program prenatally, who receive WIC during pregnancy, compared to baseline</p> <p>Increase or maintain the percentage of infants born to mothers served by the program who are currently receiving WIC.</p>	<p>This measure will be collected for all women enrolled in the program prenatally and received a postpartum assessment.</p> <p>This measure will be collected for all infants enrolled in the program and received an infant assessment.</p>
<p>22. Percentage of infants with up-to-date immunizations measured at 6 months:</p> <p>(100 x # of infants with up-to-date immunizations at 6 months / total # of infants enrolled in the program with a 6 month infant assessment)</p>	<p>SPHERE Infant Assessment Section III. Question 12a. Immunization Status</p>	<p>Increase in the percentage of infants with up-to-date immunizations, compared to baseline</p>	<p>This measure will be collected for all infants enrolled in the program who receive a 6 month infant assessment. Infant Assessment should be completed according to the schedule recommended by the American Academy of Pediatrics, at 1 week, 1 month, 2 months, 4 months, 6 months, 9 months and 12 months of age. The Infant Assessment may be conducted more often. This measure will utilize data from the 6 month assessment.</p>
<p>23. Percentage of infants who are put to bed on their backs and in a safe sleep environment measured at 6 months:</p> <p>(100 x # infants put to bed on their backs and in a safe sleep environment at 6 months / total number of infants enrolled in the program with a 6 month infant assessment)</p>	<p>SPHERE Infant Assessment Section IV. Question 1. How is baby put to bed? Section IV. Question 3. Are there any concerns with the sleep environment?</p>	<p>Increase in the percentage of infants put to bed on their backs and in a safe sleep environment, compared to baseline</p>	<p>This measure will be collected for all infants enrolled in the program who receive a 6 month infant assessment. Infant Assessment should be completed according to the schedule recommended by the American Academy of Pediatrics, at 1 week, 1 month, 2 months, 4 months, 6 months, 9 months and 12 months of age. The Infant Assessment may be conducted more often. This measure will utilize data from the 6 month assessment.</p>

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<p>24. Percentage of infants enrolled with a primary care provider measured at 6 months:</p> <p>(100 x # of infants with a primary care provider and medical home at 6 months/total number of infants enrolled in the program)</p>	<p>SPHERE Infant Assessment Section III. Question 1. Does your baby have a primary care provider?</p>	<p>Increase or maintain the percentage of infants with a primary care provider, compared to baseline</p>	<p>This measure will be collected for all infants enrolled in the program.</p>
<p>25. Percentage of mothers served by the program who received a referral and accessed referral sources:</p> <p>(100 x # of mothers referred with a follow-up result/total number of mothers who received a referral while enrolled in the program)</p>	<p>SPHERE Referral and Follow-up Results</p>	<p>Increase in the percentage of mothers referred for services who followed-up, including documentation of the status of the referral, compared to baseline</p>	<p>This measure will be collected for all mothers enrolled in the program who receive a referral.</p>
<p>26. Total number of Memoranda of Understanding or other formal agreements with other social service agencies in the community.</p>	<p>Measure will be collected by programs</p>	<p>Increase in the total number of Memoranda of Understanding or other formal agreements with other social service agencies in the community, compared to baseline</p>	<p>This measure will be collected for all programs.</p>
<p>27. Total number of agencies with which the home visiting provider has a clear point of contact in the collaborating community agency that includes regular sharing of information between agencies.</p>	<p>Measure will be collected by programs</p>	<p>Increase in the total number of agencies with which the home visiting provider has a clear point of contact in the collaborating community agency that includes regular sharing of information between agencies</p>	<p>This measure will be collected for all programs.</p>