

## Breastfeeding Extension Measures, 2017

The HV CoIN for Breastfeeding Extension aims to achieve that 30% of children will be fed breastmilk exclusively until 3 months of age and 15% until 6 months of age. The following measures were selected to reflect the processes necessary to achieve the SMART aim. They are listed in the order in which these processes occur in many sites, and are labeled with the Primary Driver they reflect. The measures colored in blue are optional.

**Measure #1 (Primary Driver 2):** % of Home Visitors that have been trained in breastfeeding within 3 months of date of hire [column D]

- N Home Visitors hired 3 or more months ago that have been trained in breastfeeding [column C]
- N home visitors hired 3 or more months ago [column B]

**Measure #2 (Primary Driver 5):** % of team members using CQI Data in Practice [column G]

- Numerator: N of Team Members (home visitors, supervisors, other members) with whom breastfeeding CQI Data was reflected upon and used to guide practice (for example, in individual supervision or team meetings) [column F]
- Denominator: N Team Members (home visitors, supervisors, other members) [column E]

**Measure #3 (Primary Driver 1):** % women enrolled prenatally [column J]. *This measure is optional.*

- Numerator: N women enrolled prenatally [column I]
- Denominator: N enrolled women [column H]

**Measure #4 (Primary Driver 1):** % women who report intention to breastfeed at enrollment [column M]

- Numerator: N women with no contraindication for breastfeeding who report intention to breastfeed at enrollment [column L]
- Denominator: N women enrolled prenatally with no contraindication for breastfeeding [column K]

**Measure #5 (Primary Driver 1):** % women who report intention to breastfeed at 36 weeks of gestation [column Q]

- Numerator: N women with no contraindication for breastfeeding who report intention to breastfeed at 36 weeks of gestation [column P]
- Denominator: N women enrolled prenatally with no contraindication for breastfeeding that are at or beyond 36 weeks of gestation [column O]

**Measure #6 (Primary Driver 4):** % women with an infant feeding plan written prior to delivery [column S]

- Numerator: N women with an infant feeding plan written prior to delivery [column R]
- Denominator: N women enrolled prenatally that are at or beyond 36 weeks of gestation [column N]

**Measure #7 (Primary Driver 1):** % women who initiate breastfeeding [column V]

- Numerator: N women who initiate breastfeeding [column U]
- Denominator: N enrolled women who have given birth [column T]

**Measure #8 (Primary Driver 1):** Among women who intend to breastfeed, % who initiate breastfeeding [column x]

- Numerator: N women with no contraindication for breastfeeding who reported intention to breastfeed at 36 weeks gestation who initiated breastfeeding [column W]
- Denominator: N women with no contraindication for breastfeeding who reported intention to breastfeed at 36 weeks gestation [column P]

**Measure #9 (Primary Driver 3):** % of women with a need for BF support identified this month using the Breastfeeding Self-Efficacy Scale (BSES) who receive additional support [column AA]

- Numerator: Number of women with a need for BF support identified this month using BSES that received additional support [column Z]
- Denominator: Total number of women with a need for BF support identified this using the BSES [column Y]

**Measure #10 (Primary Driver 3):** % women who want breastfeeding support (or who believe breastfeeding support would be beneficial) identified this month who received peer or professional BF support [column AD]. *This measure is optional.*

- Numerator: N women who want breastfeeding support (or who believe breastfeeding support would be beneficial) identified this month who received peer or professional BF support [column AC]
- Denominator: N women who want breastfeeding support (or who believe breastfeeding support would be beneficial) identified this month [column AB]

**Measure #11 (Primary Driver 1):** Among those who initiate breastfeeding, average N weeks of exclusive breastfeeding [column AE]

**SMART AIM Measure #12:** % of children who were fed breastmilk exclusively to 3 months of age [column AI]

- Numerator: N children 3 to 12 months old who were fed breastmilk exclusively to 3 months [column AH]
- Denominator: N children 3 to 12 months old [column AF]

**Measure #13:** % of children who were fed some breastmilk to 3 months of age [column AK]

- Numerator: N children 3 to 12 months old who were fed any breastmilk to 3 months of age [column AJ]
- Denominator: N children 3 to 12 months old [column AF]

**SMART AIM Measure #14:** % of children who were fed breastmilk exclusively to 6 months of age [column AM]

- Numerator: N children 6 to 12 months old who were fed breastmilk exclusively to 6 months [column AL]
- Denominator: N children 6 to 12 months old [column AG]

**Measure #15:** % of infants who were fed some breastmilk to 6 months of age [column AO]

- Numerator: N children 6 to 12 months old receiving any breastmilk to 6 months [column AN]
- Denominator: N children 6 to 12 months old [column AG]

## Developmental Promotion, Early Detection and Intervention

The HV CoIIN for Developmental Promotion, Early Detection and Intervention's **SMART Aim** is:

80% of children with a developmental or behavioral concern identified in partnership with the family will receive targeted developmental promotion in a timely manner, including an appropriate combination of home visitor-delivered developmental promotion, community services and/or Part B/C services.

The following measures were selected to reflect the processes necessary to achieve the SMART aim. They are listed in the order in which these processes occur in many sites, and are labeled with the Primary Driver they reflect.

**Measure #1 (Primary Driver 5):** % of team members using CQI Data in Practice [Column E]

- Numerator: N of Team Members (home visitors, supervisors, other members) with whom breastfeeding CQI Data was reflected upon and used to guide practice (for example, in individual supervision or team meetings) [Column D]
- Denominator: N Team Members (home visitors, supervisors, other members) [Column C]

**Measure #2 (Primary Driver 1):** % of home visits this month where parents were asked if they have concerns regarding child's development, behavior or learning [Column H]

- Numerator: N home visits this month where parents were asked if they have concerns regarding child's development, behavior or learning [Column G]
- Denominator: Total N home visits this month [Column F]

**Measure #3 (Primary Driver 1):** % of children screened for developmental risk/delay within the last 6 months [Column K]

- Numerator: Among children due for screen, N children screened within last 6 months [Column J]
- Denominator: N of children who at the end of the month are at or beyond the age at which model recommends initiating screening and not already receiving Part B/C early intervention services [Column I]

**Measure #4 (Primary Driver 1):** % of children with positive screen for developmental risk/delay [Column M]

- Numerator: N children screened within last 6 months whose last screen was positive [Column L]
- Denominator: N children screened for developmental risk / delay within the last 6 months [Column J]

**Measure #5 (Primary Driver 2):** % of children with developmental or behavioral concerns who receive Home Visitor-provided targeted developmental promotion by next home visit [Column Q]

- Numerator: N of those who received targeted developmental promotion by next home visit [Column P]
- Denominator: N children with parental concerns, Home Visitor concerns or positive screen who have had a subsequent home visit [Column O]

**Measure #6 (Primary Driver 2):** % of children referred to community services who received services within 30 days [Column T]

- Numerator: N children referred to community services who received services within 30 days [Column S]
- Denominator: N children referred to community services more than 30 days ago [Column R]

**Measure #7 (Primary Driver 2):** % of children with a developmental or behavioral concern appropriate for referral to Part B/C services that were referred within 7 days of that concern being identified [Column W]

- Numerator: N children with a developmental or behavioral concern appropriate for referral to Part B/C services that were referred within 7 days of the concern being identified [Column V]
- Denominator: N children with a developmental or behavioral concern appropriate for referral to Part B/C services [Column U]

**Measure #8 (Primary Driver 2):** % of children referred to Part B/C services who receive Part B/C planning meeting for IFSP within 45 days of referral [Column Z]

- Numerator: N children referred to Part B/C services who receive IFSP planning meeting within 45 days of referral [Column Y]
- Denominator: N children referred to Part B/C services more than 45 days ago [Column X]

**Measure #9 (Primary Driver 2):** % of children referred to Part B/C early intervention services for whom the Home visitor knows the status / outcome of the referral [Column AB]

- Numerator: N children referred for whom the Home Visitor knows the status / outcome of the referral [Column AA]
- Denominator: N of children referred to Part B/C early intervention services greater than 45 days ago [Column X]

**Measure #10 (SMART Aim):** 80% of children with a developmental or behavioral concern identified in partnership with the family will receive targeted developmental promotion in a timely manner, including an appropriate combination of home visitor-delivered developmental promotion, community services and/or Part B/C services. [Column AE]

- Numerator: N children who got all of the appropriate services in expected time-frame [Column AD]
- Denominator: N children with an identified developmental or behavioral concern referred to an appropriate combination of services [Column AC]

## HV CoIIN Family Engagement, 2017

Instructions: Measures in regular text are considered core measures, to be collected and reported each month. Measures in *italics* are considered optional, additional measures. HV CoIIN faculty and LIA participants found these measures useful and informative to use at particular times during their improvement efforts. We recommend that every site beginning to use these measures for the first time conduct a diagnostic analysis of their family engagement processes by reviewing all of these measures using 1-2 months of historical data (for example, look back at data from 3 months ago and 4 months ago).

Use the data to identify areas of strength that are working well: you may choose to look at those measures infrequently. Use the data to identify areas for improvement: plan to include those measures in the data that you track and report *at least monthly* as you test changes to improve.

**SMART AIM:** 85% of families receive the expected number of home visits.

**Measure #1 (SMART AIM):** % of families that received all of the expected home visits this month [column E]

- Numerator: N of enrolled families that received all of the expected home visits this month [column D]
- Denominator: N enrolled families *not on* creative outreach, alternate visit schedule or level X [column C]

*Additional alternative: % of expected home visits delivered by the program.*

- *Numerator: N of expected home visits that were completed*
- *Denominator: N of visits expected to be delivered by the program this month*

**Measure #2 (Primary Driver 3):** % total capacity served [column H]

- Numerator: Current caseload [column G]
- Denominator: Expected service capacity [column F]

**Measure #3 (Primary Driver 3):** % of available capacity that was filled [column K]

- Numerator: N of families enrolled this month [column J]
- Denominator: Available service capacity [column I]

**Measure #4 (Primary Driver 3):** *Ratio of referrals to available service capacity [column M]*

- *Numerator: N of referrals received this month [column L]*

- *Denominator: available service capacity [column I]*

**Measure #5 (Primary Driver 3):** % of families contacted, among those attempted to contact [column P]

- *Numerator: N of families referred this month that were contacted [column O]*
- *Denominator: N of families referred this month that attempted to contact [column N]*

**Measure #6 (Primary Driver 3):** % of referrals that were appropriate [column R]

- *Numerator: N of referrals this month that were appropriate [column Q]*
- *Denominator: N of families referred this month that were contacted [column O]*

**Measure #7 (Primary Driver 3):** % of families contacted who received a first face-to-face contact within 14 days [column T]

- *Numerator: N of families contacted that received a first face-to-face contact within 14 days [column S]*
- *Denominator: N of families referred this month that were contacted [column O]*

**Measure #8 (Primary Driver 3):** Among families referred this month, Average N of days from referral to 1<sup>st</sup> face-to-face contact [column U]

**Measure #9 (Primary Driver 3):** % of families contacted that were offered home visiting services [column V]

- *Numerator: N of families referred this month that were contacted and offered home visiting services [column W]*
- *Denominator: N of families referred this month that were contacted [column O]*

**Measure #10 (Primary Driver 3):** % of families offered home visiting services that enrolled in home visiting services [column Y]

- *Numerator: N of families referred this month that were offered home visiting services that enrolled in home visiting services [column X]*
- *Denominator: N of families referred this month that were contacted and offered home visiting services [column V]*

**Measure #11 (Primary Driver 3):** Among families enrolled, Average N of days between receipt of referral and enrollment [column Z]

**Measure #12 (Primary Driver 4):** Among families for whom weekly or every other week visits are expected, % of families with 21 or more days between visits [column AC]

- *Numerator: Among families for whom weekly or biweekly visits are expected, N with 21 or more days between visits [column AB]*
- *Denominator: N of families for whom weekly or biweekly visits are expected [column AA]*

**Measure #13 (Primary Driver 4):** % of families on creative outreach, level X, alternate visit schedule [column AE]

- Numerator: N of families designated to get a number of home visits different from the number recommended by the model's typical visit schedule - including families on creative outreach, level x, alternate visit schedule, inactive, etc. [column AD]
- Denominator: N of enrolled families [column B]

**Measure #14 (Primary Driver 5):** % of families whose 1<sup>st</sup> home visit was 90-120 days ago still enrolled in the home visiting program [column AH]

- Numerator: N of families whose 1st HV was 90-120 days ago still enrolled in HV program [column AG]
- Denominator: N of families whose 1st HV was 90-120 days ago [column AF]

**Measure #15 (Primary Driver 5):** % of families whose 1<sup>st</sup> home visit was 180-210 days ago still enrolled in the home visiting program [column AK]

- Numerator: N of families whose 1st HV was 180-210 days ago still enrolled in HV program [column AJ]
- Denominator: N of families whose 1st HV was 180-210 days ago [column AI]

**Measure #16 (Primary Driver 5):** % of families whose 1<sup>st</sup> home visit was 365-395 days ago still enrolled in the home visiting program [column AN]

- Numerator: N of families whose 1st HV was 365-395 days ago still enrolled in HV program [column AM]
- Denominator: N of families whose 1st HV was 365-395 days ago [column AO]

**Measure #117 (Primary Driver 5):** % of families that disenrolled from the program for “Legitimate,” “valid” or “justified” reasons [column AQ]

- Numerator: N of families who disenrolled for ‘legitimate’ or ‘valid’ or ‘justified’ reasons [column AP]
- Denominator: N of families who disenrolled from the home visiting program this month [column AO]

## Maternal Depression, 2017

The HV CoIIN for Maternal Depression aims to achieve that 85% of women who screen positive for depression and access services will report a 25% reduction in symptoms in 12 weeks (from first service contact). The following measures were selected to reflect the processes necessary to achieve the SMART aim. They are listed in the order in which these processes occur in many sites, and are labeled with the Primary Driver they reflect.

**Measure #1 (Primary Driver 1):** % of women screened for MD within 3 months of enrollment [column G]

- Numerator: N women enrolled 90 or more days ago screened for MD [column E]
- Denominator: N of women enrolled 90 or more days ago [column C]

**Measure #2 (Primary Driver 1):** % of women screened for MD within 3 months of birth [column H]

Numerator: N women who gave birth 90 or more days ago screened for MD [column F]

Denominator: N women who gave birth 90 or more days ago [column D]

**Measure #3 (Primary Driver 3):** % of women with a positive screen for maternal depression at any point who were not already in evidence-based services, & who were offered a referral to evidence-based services [column N]

- Numerator: N of women with a positive screen for maternal depression at any point & not already in evidence-based services who were offered a referral to evidence-based services after a positive screen [column M]
- Denominator: N of women with a positive screen for maternal depression at any point & not already in evidence-based services [column J]

**Measure #4 (Primary Driver 3):** % of women with a positive screen for maternal depression at any point who were not already in evidence-based services, & who were offered and verbally accepted a referral to evidence-based services [column P]

- Numerator: N of women with a positive screen for maternal depression at any point & not already in evidence-based services who were offered and verbally accepted a referral to evidence-based services [column O]
- Denominator: N of women with a positive screen for maternal depression at any point & not already in evidence-based services who were offered a referral to evidence-based services [column M]

**Measure #5 (Primary Driver 3):** % of women with a positive screen for maternal depression this month that were not already in evidence-based services, & who were offered a referral to evidence-based services [column R]

- Numerator: N women with +screen for MD this month that were not already in evidence-based services, & who were offered a referral to evidence-based services [column Q]
- Denominator: N women with +screen for MD this month that were not already in evidence-based services [column L]

**Measure #6 (Primary Driver 3):** % of women with a positive screen for maternal depression this month who were not already in evidence-based services, & who were offered and verbally accepted a referral to evidence-based services [column T]

- Numerator: N women with +screen for MD this month that were not already in evidence-based services, & who were offered a referral to evidence-based services [column S]
- Denominator: N women with +screen for MD this month that were not already in evidence-based services [column Q]



**Measure #7 (Primary Driver 1):** % of women with a positive screen for depression and did not access services that received a home visitor 'check in' within 30 days of the positive screen [column W]

- Numerator: N women with a positive screen for maternal depression that received a home visitor 'check in' within 30 days [column V]
- Denominator: N women with a positive screen for maternal depression 30 or more days ago [column U]

**Measure #8 (Primary Driver 3):** % of women who verbally accepted a referral to services after a positive screen for maternal depression, & who have had 1 or more NON-evidence-based service contacts [column Y]. *This measure is optional.*

- Numerator: N of women that verbally accepted a referral to services after a positive screen for maternal depression, & who have had 1 (or more) NON-evidence-based service contacts [column X]
- Denominator: N of women that verbally accepted a referral to services after a positive screen for maternal depression [column O]

**Measure #9 (Primary Driver 3):** % of women who verbally accepted a referral to services after a positive screen for maternal depression, & who have had 1 or more evidence-based service contacts [column AA]

- Numerator: N of women that verbally accepted a referral to services after a positive screen for maternal depression, & who have had 1 (or more) evidence-based service contacts [column Z]
- Denominator: N of women that verbally accepted a referral to services after a positive screen for maternal depression [column O]

**Measure #10 (SMART Aim):** % women who screened positive for maternal depression and accessed evidence-based services 90 or more days ago who had 25% improvement in depressive symptoms 3 months after accessing services [column AD]

- Numerator: N women with a positive screen for MD who had their 1st service contact 90 or more days ago, & who have a 25% improvement in depressive symptoms [column AC]
- Denominator: N women with a positive screen for MD who had their 1st service contact 90 or more days ago [column AB]

**Measure #11:** % of women who screened positive for maternal depression 90 or more days ago and did not access evidence-based services who have a 25% improvement in symptoms 3 months after their first positive screen [column AG]

- Numerator: N of women who screened positive for maternal depression 90 or more days ago and did not access evidence-based services who have a 25% improvement in depressive symptoms [column AF]
- Denominator: N of women who screened positive for maternal depression 90 or more days ago and did not access-based services [column AE]

**Measure #12 (Primary Driver 5):** % Team Members Using CQI Data in Practice every month [column AJ]

- Numerator: N Team Members who reviewed and used CQI data in practice this month [column AI]
- Denominator: Total N Team Members [column AH]