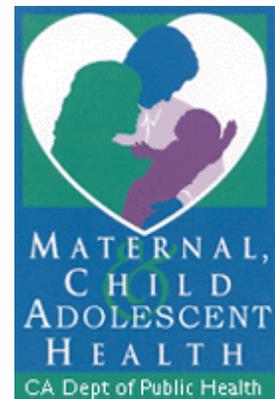


CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

California Home Visiting Program Benchmark Plan

Center for Family Health, Maternal, Child and Adolescent Health Division
3/30/2012



BENCHMARK AREA I. IMPROVED MATERNAL AND NEWBORN HEALTH

Construct	Performance Measure	Measurement Type	Target Population	Measurement Metric: Numerator	Measurement Metric: Denominator	Definition of Improvement	Measure Tool/Data Source	Data Collection Schedule
Prenatal Care	Proportion of target women attending their first prenatal care visit by 36 weeks gestation	Individual outcome	Women enrolled by 28 weeks gestation, had not yet received prenatal care at enrollment, and were still enrolled at 36 weeks gestation	Number of target women attending their first prenatal care visit by 36 weeks gestation	Number of target women	Increase in the proportion of women who had not yet attended a prenatal care visit at pregnancy intake that reported attending a prenatal care visit by 36 weeks gestation	NFP/HFA forms	Pregnancy Intake; 36 weeks gestation
Parental Use of Alcohol, Tobacco, or Illicit Drugs	Proportion of target women smoking at intake who decreased their cigarette use by 36 weeks gestation	Individual outcome	Women who reported smoking at intake, were enrolled by 28 weeks gestation, and were still enrolled at 36 weeks gestation	Number of target women who reduced the number of cigarettes smoked in a typical day between pregnancy intake and 36 weeks gestation	Number of target women	Decrease in the number of cigarettes target women smoked on a typical day from pregnancy intake to 36 weeks gestation	NFP/HFA forms	Pregnancy Intake; 36 weeks gestation
Preconception Care	Proportion of target women attending a postpartum checkup with a medical provider by 8 weeks postpartum	Cohort process	Prenatally enrolled women who were still enrolled at 8 weeks postpartum	Number of target women enrolled in Year 1 who attend a postpartum checkup with a medical provider by 8 weeks postpartum	Number of target women enrolled in Year 1	Increase or maintain the proportion of women who attend a postpartum checkup with a medical provider by 8 weeks postpartum, comparing target women enrolled in Year 1 to target women enrolled in Year 2	NFP/HFA forms	Infancy 2 months
Inter-Birth Intervals	Proportion of target women who were not using contraception when their child was 6 months of age and then reported using contraception when their child was 12 months of age	Individual outcome	Women enrolled by 6 months of the index child's age, not using contraception, and still enrolled when the index child is 12 months of age	Number of target women who were not using contraception at 6 months of the child's age and reported using contraception at 12 months of the child's age	Number of target women	Increase in the proportion of women using contraception by 12 months of their child's age among women not using it at 6 months of their child's age	NFP/HFA forms	Infancy 6 months; Infancy 12 months
Screening for Maternal Depressive Symptoms	Proportion of target women screened for depression	Cross-sectional process	Women enrolled by 6 weeks postpartum and still enrolled at 8 weeks postpartum	Number of target women during Year 1 who are screened for depression between 6 and 8 weeks postpartum	Number of target women in Year 1	Increase or maintain in the proportion of target women screened for depression between 6 and 8 weeks postpartum between Years 1 and 2	Edinburgh Postnatal Depression Scale	Infancy 2 months
Breastfeeding	Number of weeks target women breastfed their infant through 6 months of their child's age	Cohort outcome	Prenatally enrolled women still enrolled when their index child is 6 months of age	Number of weeks target women who enrolled in Year 1 reported having breastfed their child through 6 months of age	Number of target women enrolled in Year 1	Increase in the number of weeks mothers breastfed their child through 6 months of age comparing target women who enrolled in Year 1 to target women who enrolled in Year 2	NFP/HFA forms	Infancy 6 months
Well-Child Visits	Proportion of target children receiving at least two well-child visits by 6 months of age	Cohort outcome	Index children enrolled by 1 week of age and still enrolled at 6 months of age	Number of target children enrolled in Year 1 receiving at least two well-child visits by 6 months of age	Number of target children enrolled in Year 1	Increase or maintain the proportion of children receiving at least two well-child visits by 6 months of age, comparing target children enrolled in Year 1 to target children enrolled in Year 2	NFP/HFA forms	Infancy 6 months

Maternal and Child Health Insurance Status	Proportion of target women and target children who did not have health insurance when their child was 2 months of age and reported having health insurance when same child was 12 months of age	Individual outcome	Enrolled women and index children who are 2 months of age and still enrolled at 12 months of age	Number of target women plus number of target children who did not have health insurance when the child was 2 months of age and then reported having health insurance when the child was 12 months of age	Number of target women plus number of target children	Increase in the proportion of target women and target children who did not have health insurance when the child was 2 months of age and then reported having health insurance when the child was 12 months of age	NFP/HFA forms	Infancy 2 months; Infancy 12 months
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BENCHMARK AREA II. PREVENTION OF CHILD INJURIES, CHILD ABUSE, NEGLECT OR MALTREATMENT AND REDUCTION OF ED VISITS

Construct	Performance Measure	Measurement Type	Target Population	Measurement Metric: Numerator	Measurement Metric: Denominator	Definition of Improvement	Measure Tool/Data Source	Data Collection Schedule
Visits for Children to Emergency Department from All Causes	Number of times target children visit the emergency department (ED) between birth and 6 months of age	Cohort outcome	Enrolled index children who are 6 months of age	Number of ED visits from all causes among target children enrolled in Year 1	Number of target children enrolled in Year 1	Decrease in the rate of ED visits comparing target children enrolled in Year 1 to target children enrolled in Year 2	NFP/HFA forms	Infancy 6 months
Visits of Mothers to Emergency Departments from All Causes	Number of times target women visit the emergency department (ED) in previous 6 months	Cohort outcome	Enrolled women with index children who are 6 months of age	Number of ED visits from all causes among target women enrolled in Year 1	Number of target women enrolled in Year 1	Decrease in the rate of ED visits comparing target women enrolled in Year 1 to target women enrolled in Year 2	NFP/HFA forms	Infancy 6 months
Information Provided or Training of Participants on Prevention of Child Injuries	Proportion of target women who are provided child safety information or training by the time their child is 6 months of age	Cross-sectional process	Enrolled women who have index children who are 6 months of age	Number of target women during Year 1 who receive information/training on prevention of child injuries from the home visitor	Number of target women during Year 1	Increase or maintain the proportion of target women who were provided information/training on the prevention of child injuries from the home visitor during Year 1 compared to during Year 2	NFP/HFA forms	Curriculum topics that are addressed during home visits reported after those visits
Incidence of Child Injuries Requiring Medical Treatment	Rate of child injuries requiring medical treatment	Cohort outcome	Enrolled index children who are 12 months of age	Number of injury incidents requiring medical treatment among target children enrolled in Year 1	Number of target children enrolled in Year 1	Decrease in the rate of child injury incidents requiring medical treatment comparing target children enrolled in Year 1 to those enrolled in Year 2	NFP/HFA forms	Infancy 12 months
Reported Suspected Maltreatment for children in the program	Rate of target children with a referral to CPS for suspected maltreatment by 12 months of age	Cohort outcome	Enrolled index children who are 12 months of age	Number of target children with a referral to CPS for suspected maltreatment among target children enrolled in Year 1	Number of target children enrolled in Year 1	Decrease in the rate of reported suspected maltreatment cases comparing target children enrolled in Year 1 to target children enrolled in Year 2	Home visit interview	Client voluntary self-report at each visit
Reported Substantiated Maltreatment for children in the program	Rate of substantiated maltreatment cases by 12 months of age	Cohort outcome	Enrolled index children who are 12 months of age	Number of reported substantiated maltreatment cases among target children enrolled in Year 1	Number of target children enrolled in Year 1	Decrease in the rate of reported substantiated maltreatment cases comparing target children enrolled in Year 1 to target children enrolled in Year 2	Home visit interview	Client voluntary self-report at each visit
First-Time Victims of Maltreatment for Children in the program	Proportion of target children with first-time substantiated maltreatment by 12 months of age	Cohort outcome	Enrolled index children who are 12 months of age	Number of target children with first-time substantiated maltreatment among target children enrolled in Year 1	Number of target children enrolled in Year 1	Decrease in the proportion target children with first-time substantiated maltreatment comparing target children enrolled in Year 1 to target children enrolled in Year 2	Home visit interview	Client voluntary self-report at each visit

BENCHMARK AREA III. IMPROVEMENTS IN SCHOOL READINESS AND ACHIEVEMENTS

Construct	Performance Measure	Measurement Type	Target Population	Measurement Metric: Numerator	Measurement Metric: Denominator	Definition of Improvement	Measure Tool/Data Source	Data Collection Schedule
Parent support for children's learning and development	Proportion of women with improvement in specific HOME Inventory subscale scores	Individual outcome	Enrolled women with a completed HOME Inventory when the index child is 6 months of age and again at 18 months of age	Number of target women whose observed scores for the "Learning Materials" and "Parenting Involvement" subscales improved between 6 and 18 months of the child's age	Number of target women	Increase in the scores for "Learning Materials" and "Parenting Involvement" subscales among target women	HOME Inventory	Infancy 6 months; Toddler 18 months
Parent knowledge of child development and of their child's developmental progress	Proportion of ASQ test results that the home visitor reviewed with the mother	Cross-sectional process	Enrolled women with an index child who is 6 months of age	Number of ASQ test results that were reviewed with target women during Year 1	Number of ASQ tests that were administered to target women during Year 1	Increase or maintain the proportion of ASQ test results that the Home Visitor reviewed with target women during Year 1 compared to during Year 2	ASQ-3; ASQ-SE; Review of measurement tools	Infancy 6 months
Parenting behaviors and parent-child relationship	Proportion of women with improvement in specific HOME Inventory subscale scores	Individual outcome	Enrolled women with a completed HOME Inventory when the index child is 6 months of age and again at 18 months of age	Number of target women whose observed scores for the "Responsivity" and "Acceptance" subscales improved between 6 and 18 months of the child's age	Number of target women	Increase in the scores for the "Responsivity" and "Acceptance" subscales among target women	HOME Inventory	Infancy 6 months; Toddler 18 months
Parent emotional well-being or parenting stress	Proportion of target women screened for depression	Cross-sectional process	Women enrolled by 6 weeks postpartum and still enrolled at 8 weeks postpartum	Number of target women during Year 1 who are screened for depression between 6 and 8 weeks postpartum	Number of target women in Year 1	Increase or maintain the proportion of target women screened for depression between 6 and 8 weeks postpartum between Years 1 and 2	Edinburgh Postnatal Depression Scale (EPDS)	Infancy 2 months
Child's communication, language and emergent literacy	The proportion of target children who receive the ASQ-3 developmental assessment by 6 months of age	Cross-sectional process	Index children enrolled who are 6 months of age	Number of target children screened in the "Communication" subscale by 6 months of age during Year 1	Number of target children during Year 1	Increase or maintain the proportion of target children screened in the "Communication" subscale by 6 months of age during Year 1 compared to during Year 2	ASQ-3; Communication Subscale	Infancy 6 months
Child's general cognitive skills	The proportion of target children who receive the ASQ-3 developmental assessment by 6 months of age	Cross-sectional process	Index children enrolled who are 6 months of age	Number of target children who are screened in the "Problem Solving" subscale by 6 months of age during Year 1	Number of target children during Year 1	Increase or maintain the proportion of target children screened in the "Problem Solving" subscale by 6 months of age during Year 1 compared to during Year 2	ASQ-3; Problem Solving Subscale	Infancy 6 months
Child's positive approaches to learning including attention	The proportion of target children who receive the ASQ-SE developmental assessment by 6 months of age	Cross-sectional process	Index children enrolled who are 6 months of age	Number of target children who are screened using the ASQ-SE by 6 months of age during Year 1	Number of target children during Year 1	Increase or maintain the proportion of target children screened using the ASQ-SE by 6 months of age during Year 1 compared to during Year 2	ASQ-SE	Infancy 6 months
Child's social behavior, emotion regulation, and emotional well-being	The proportion of target children who receive the ASQ-SE developmental assessment by 6 months of age	Cross-sectional process	Index children enrolled who are 6 months of age	Number of target children who are screened using the ASQ-SE by 6 months of age during Year 1	Number of target children during Year 1	Increase or maintain the proportion of target children screened using the ASQ-SE by 6 months of age during Year 1 compared to during Year 2	ASQ-SE	Infancy 6 months

Child's physical health and development	The proportion of target children who receive the ASQ-3 developmental assessment by 6 months of age	Cross-sectional process	Index children enrolled who are 6 months of age	Number of target children screened using the "Motor Skills" subscale by 6 months of age during Year 1	Number of target children during Year 1	Increase or maintain the proportion of target children screened using the "Motor Skills" subscale by 6 months of age during Year 1 compared to during Year 2	ASQ-3; Gross Motor & Fine Motor Subscale	Infancy 6 months
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BENCHMARK AREA IV. DOMESTIC VIOLENCE

Construct	Performance Measure	Measurement Type	Target Population	Measurement Metric: Numerator	Measurement Metric: Denominator	Definition of Improvement	Measure Tool/Data Source	Data Collection Schedule
Screening for Domestic Violence	Proportion of women who were screened for domestic violence (DV) within 6 months of enrollment	Cross-sectional process	Women enrolled for at least 6 months	Number of target women in Year 1 who were screened for DV using the WEB within 6 months of enrollment	Number of target women in Year 1	Increase or maintain the proportion of women screened for DV within 6 months of enrollment during Year 1 compared to Year 2	Women's Experience with Battering (WEB)	Home visitor will collect data by 6 months of enrollment
Number of Referrals Made to Relevant Domestic Violence Services	Proportion of women receiving at least one referral to a relevant DV service following a positive screen for DV or disclosure of abuse	Cross-sectional process	Enrolled women with a positive screen for or self-disclosure of domestic violence who were not already receiving DV services	Number of target women in Year 1 who were referred for DV services	Number of target women in Year 1	Increase or maintain the proportion of target women referred for DV services during Year 1 compared to during Year 2	Data will be collected from home visitor report	Home visitor will record data following a positive DV screen or client self-disclosure of DV
Number of Families for Which a Safety Plan Was Completed	Proportion of women with a safety plan following a positive screen for DV or disclosure of abuse	Cross-sectional process	Enrolled women with a positive screen for or self-disclosure of domestic violence	Number of target women in Year 1 who now have a safety plan	Number of target women in Year 1	Increase or maintain the proportion of target women with a safety plan completed during Year 1 compared to during Year 2	Data will be collected from home visitor report	Home visitor will record data following a positive DV screen or client self-disclosure of DV

BENCHMARK AREA V. FAMILY ECONOMIC SELF-SUFFICIENCY

Construct	Performance Measure	Measurement Type	Target Population	Measurement Metric: Numerator	Measurement Metric: Denominator	Definition of Improvement	Measure Tool/Data Source	Data Collection Schedule
Household Income and Benefits	Proportion of target women who increased their income	Individual outcome	Enrolled women with an index child who is 12 months of age	Number of target women whose income increased from intake to when their child is 12 months of age	Number of target women	Increase in the proportion of women who increased their income from intake to when their child is 12 months of age	NFP/HFA forms, client self-report	Intake; Infancy 12 months
Employment or Education of Adult Members of the Household	Proportion of target women who increased their educational attainment and/or their employment status	Individual outcome	Enrolled women with an index child who is 12 months of age	Number of target women who increased their educational attainment and/or their employment status from intake to when their child is 12 months of age	Number of target women	Increase in the proportion of target women who increased their educational attainment and/or their employment status from intake to when their child is 12 months of age	NFP/HFA forms, client self-report	Intake; Infancy 12 months
Health Insurance Status	Proportion of target women and target children who did not have health insurance when their child was 2 months of age and reported having health insurance when same child was 12 months of age	Individual outcome	Enrolled women and index children who are 2 months of age and still enrolled at 12 months of age	Number of target women plus number of target children who did not have health insurance when the child was 2 months of age and then reported having health insurance when the child was 12 months of age	Number of target women plus number of target children	Increase in the proportion of target women and target children who did not have health insurance when the child was 2 months of age and then reported having health insurance when the child was 12 months of age	NFP/HFA forms, client self-report	Infancy 2 months; Infancy 12 months

BENCHMARK AREA VI. COORDINATION AND REFERRALS FOR THE OTHER COMMUNITY RESOURCES AND SUPPORTS

Construct	Performance Measure	Measurement Type	Target Population	Measurement Metric: Numerator	Measurement Metric: Denominator	Definition of Improvement	Measure Tool/Data Source	Data Collection Schedule
Number of Families Identified for Necessary Services	The proportion of mothers/children identified for services using screening tools identified in other benchmark areas	Cross-sectional process	Women and index children who are still enrolled when their child is 6 months of age	Number of target women and target children during Year 1 that received all scheduled and eligible screenings through 6 months of the child's age	Number of target women with target children who are 6 months of age during Year 1	Increase or maintain in the proportion of target mothers/children identified for services using screening tools identified in other benchmark areas when their child is 6 months of age during Year 1 compared to Year 3	ASQ-3, ASQ-SE, EPDS, and WEB See individual constructs	See individual constructs
Number of families that required services and received a referral to available community resources	The proportion of identified service needs that received a referral to available community resources	Cross-sectional process	Women and index children who are still enrolled when the index child is 6 months of age and who have an identified service need (either via screening tools mentioned above or based on HV-client communication) and where the services are available and the family is not already receiving services	Number of referrals (for target women and target children) to identified service needs through 6 months of the child's age during Year 1	Number of identified service needs through 6 months of the child's age during Year 1	Increase or maintain the proportion of identified service needs that were referred to available services during Year 1 compared to during Year 2	Screening tools as identified in other benchmark areas and referral forms Data will be collected from home visitor report	Ongoing throughout program (see reporting schedule for identified screening tools)
MOUs	The number of MOUs or other formal agreements between the local HV programs and local social services agencies in the community	Individual outcome	Local HV programs	Number of local HV programs that increased the number of MOUs or other formal agreements with other social service agencies in the community at Program Implementation to one year post-Implementation	Number of local HV programs	Increase in the number of MOUs or other formal agreements with other social service agencies in the community from Implementation to one year post-Implementation	Local program activity / progress reports	Data will be reported at program Implementation, annually thereafter
Information sharing	The 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	Individual outcome	Local HV programs	Number of local HV programs that increased the number of contacts with collaborating community agencies from Program Implementation to one year post-Implementation	Number of local HV programs	Increase in the number of local HV programs with which the home visiting provider has a clear point of contact with the collaborating agency from Program Implementation to one year post-Implementation	Local program activity / progress reports	At program Implementation; annually thereafter
Number of completed referrals	The proportion of referrals to identified service needs that are completed	Cohort process	Enrolled index children and women still enrolled when the child is 12 months of age that received one or more referrals by 6 months of age of the child to identified and available service needs (either via screening mentioned previously or based on HV client communication)	Number of referrals to identified service needs made by 6 months of the child's age that were completed by 12 months of the child's age among target women and target children enrolled in Year 1	Number of referrals to identified service needs made by 6 months of the child's age among target women and target children enrolled in Year 1	Increase in the proportion of referrals to identified service needs made by 6 months of the child's age that were completed by 12 months of the child's age comparing target women and target children enrolled in Year 1 to target women and target children enrolled in Year 2	Screening tools as identified in other benchmark areas and referral forms	Ongoing throughout program beginning at intake