

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
Benchmark 1: Improved maternal and newborn health.									
1) Prenatal Care	Proportion of women who enroll prenatally who received adequate prenatal care Outcome	% of women enrolled prenatally who receive 'adequate' or 'adequate plus' prenatal care as recorded on the birth certificate Numerator: # women enrolled prenatally who receive 'adequate' or 'adequate plus' prenatal care as recorded on the birth certificate Denominator: Number of women enrolled prenatally	Vital Records	NA	An increase in the % of women enrolled prenatally who receive adequate or adequate plus prenatal care between the cohort enrolled in the first year and the cohort enrolled in year two. ² Cohort comparison	MDCH Vital Records Staff	Administrative Data	Women who enroll while pregnant	Data pulled from vital records following child's birth.
2) Parental use of alcohol, tobacco, or illicit drugs	Proportion of female caregivers who are screened positive for use of alcohol, tobacco, and illicit drugs and are referred to services	% of female caregivers who screen positive for alcohol, tobacco, or illicit drug use and are referred to services Numerator: # of female caregivers who received an assessment that indicated they are using alcohol, tobacco, or illicit drugs who were referred to services by 12 months post enrollment Denominator: # of female	Screening tool selected by the program ³ HFA & EHS: Administrative ⁴ NFP: Health Habits Form, Referrals Form, and Use of Government and Community Services Form	Yes NA	An increase or maintenance in the % of female caregivers who need services who are referred to services for alcohol, tobacco, and illicit drug use between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment. ⁵	HV Agency Staff	Interview	Female caregivers, including pregnant women, who are enrolled in the program	Collected by HV agency staff within the first six months of enrollment and on as needed basis throughout enrollment. ⁶ Data submitted to the Michigan Public Health Institute

¹ If 'yes,' information regarding reliability and validity can be found in Michigan's narrative Benchmark measurement plan.

² The cohort enrolled in year one includes families enrolled between October 1, 2011 and September 30, 2012. The cohort enrolled in year two includes families enrolled between October 1, 2012 and September 30, 2013.

³ Once all programs select their screening and assessment tools, a table providing which tool each program is using will be included in Michigan's narrative Benchmark measurement plan.

⁴ Section B, Question 1d & 1e

⁵ In order to align with NFP's model for data collection, screenings and referrals completed and reported by the target child's six month visit will be used for constructs 2, 5, 27, & 28.

⁶ Home visitors will use their professional judgment and model guidance to determine when within the first six months the screening should take place, as well as to determine when repeat screening should take place. The timing of screening will depend on the developing relationship between the home visitor and the caregiver, changes in the caregivers' life and circumstances, and emerging signs or symptoms that a problem may be emerging. If screening is positive at any point during enrollment, data regarding screening and referral will be used for reporting. This guidance applies to screening for substance abuse and depression.

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		caregivers who received an assessment that indicated they are using alcohol, tobacco, or illicit drugs by 12 months post enrollment			Cohort comparison				(MPHI) quarterly
3) Pre-conception care	Proportion of biological mothers who have access to preconception care	% of mothers who have access to family planning services that provide education regarding planning for pregnancy, medical services to monitor reproductive health, <i>and</i> access to birth control Numerator: # of mothers who have access to family planning services at 12 months post enrollment Denominator: # of mothers who have been enrolled in the program for 12 months	HFA & EHS: Caregiver Interview ⁷ NFP: Variance request Items that align with caregiver interview	NA	An increase or maintenance in the % of mothers enrolled in the program who report access to family planning services between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ⁸ Cohort comparison	HV agency staff	Interview	All biological mothers, including pregnant women, who are enrolled in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
4) Inter-birth intervals	Proportion of biological mothers who are using a reliable form of birth control Outcome	% of mothers enrolled in the program who report that they use a form of birth control that is at least 75% effective at preventing pregnancy Numerator: # of mothers enrolled in the program who report using a reliable form of birth control by 12 months post enrollment Denominator: Number of mothers who have been	HFA & EHS: Caregiver Interview ⁹ NFP: Demographics Update # 18-20	NA	An increase in the % of mothers who report that they use of a reliable form of birth control between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ⁹ Cohort comparison	HV agency staff	Interview	All biological mothers, excluding pregnant women, who are enrolled in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly

⁷ Section F, Questions 1, 2, & 3

⁸ In order to align with NFP’s model for data collection, data collected when the target child is 6 months old will be used as the point of comparison for constructs 3, 4, 6, and 7.

⁹ Section F, Question 8

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		enrolled in the program for 12 months							
5) Screening for maternal depressive symptoms	Proportion of female caregivers who screen positive for maternal depression who are referred to services Process	% of female caregivers enrolled in the program who screen positive for maternal depression (i.e. have a score that exceeds the cutoff score for the tool used) who are referred to services Numerator: # of female caregivers enrolled in the program that screen positive for symptoms of maternal depression and are referred to services within 12 months of enrollment. Denominator: # of female caregivers enrolled in the program who screen positive for symptoms of maternal depression within 12 months of enrollment	Screening tool: Beck Depression Inventory or Edinburgh Postnatal Depression Scale cutoff scores HFA & EHS Caregiver Interview ¹⁰ NFP: EPDS Score, Referrals Form, and Use of Government and Community Services Form	Yes NA	An increase or maintenance in the % of female caregivers enrolled in the program who screen positive for maternal depression and are referred to services between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ⁶ Cohort comparison	HV agency staff	Interview	Female caregivers, including pregnant women, who are enrolled in the program	Collected by HV agency staff within the first six months of enrollment ¹¹ and on an as needed basis throughout enrollment. Data submitted to MPHI quarterly
6) Breast-feeding	Proportion of mothers who initiate breastfeeding Outcome	% of mothers who enroll while pregnant who initiate breastfeeding Numerator: # of mothers who enroll while pregnant who initiate breastfeeding after their child’s birth Denominator: # of mothers	HFA & EHS: Caregiver Interview ¹² NFP: Infant birth #8	NA	An increase in percentage of mothers who enroll while pregnant who initiate breastfeeding between the cohort enrolled in the first year and the cohort enrolled	HV agency staff	Interview	Mothers who enroll while pregnant	Collected by HV agency staff through the caregiver interview following the child’s birth Data submitted to

¹⁰ Section B, Questions 2d & 2e

¹¹ Nurse Family Partnership will screen for depression at 36 weeks, in accordance with their model. As such, this first screening may occur after six months of enrollment, and this is acceptable. Other programs serving pregnant women will also have the flexibility to screen late in pregnancy or within the first month following the child’s birth

¹² Section F, Question 6

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		who enroll while pregnant			in year two as compared at 12 months post enrollment. ¹⁶ Cohort comparison				MPHI quarterly
7) Well-child visits	Proportion of target children who completed their last scheduled well-child visit Outcome	% of target children enrolled in the program who completed their last scheduled well-child visit Numerator: # of target children who completed their last scheduled well-child visit at 12 months post enrollment Denominator: # of target children enrolled in the program at 12 months post enrollment	HFA & EHS: Caregiver Interview ¹³ NFP: Infant Health Care #1	NA	An increase in the % of target children enrolled in the program who completed their last scheduled well-child visit between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ⁶ Cohort comparison	HV agency staff	Interview	Target child enrolled in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
8) Maternal and child health insurance status	Proportion of female caregivers and target children enrolled in the program with health insurance Outcome	% of female caregivers and target children enrolled in the program who have health insurance by 6 months post enrollment. Numerator: # of female caregivers and target children enrolled in the program who have health insurance by 6 months post enrollment Denominator: # of female caregivers and target	HFA & EHS: Caregiver Interview ¹⁴ NFP: Use of government & community services #13-24	NA	An increase in the % of female caregivers and target children enrolled in the program who have health insurance between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 6 months post enrollment ¹⁵	HV agency staff	Interview	Female caregivers, including pregnant women, and target children enrolled in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly

¹³ Section E, Question 14

¹⁴ Section C, Question 15; Section E, Question 13

¹⁵ In order to align with NFP's model for data collection, data collected at the first postpartum visit will be used as the point of comparison.

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		children who have been enrolled in the program for 6 months			Cohort comparison				
Benchmark 2: Child Injuries, Child Abuse, Neglect, or Maltreatment and the Reduction of Emergency Department Visits									
9) Visits for children to the emergency department from all causes	Proportion of target children enrolled in the program visiting a hospital or emergency department for any reason Outcome	% of target children enrolled in the program who have visited the emergency room in the past six months at 12 post family enrollment Numerator: # of target children who have visited the emergency room in the past 6 months as measured at 12 months post enrollment Denominator: # of target children who have been enrolled in the program for 12 months	HFA & EHS: Caregiver Interview ¹⁶ NFP: Infant Health Care #10	NA	A decrease in the % of target children enrolled in the program who visited the emergency department in the past 6 months between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment. ¹⁷ Cohort comparison	HV agency staff	Interview	Target child enrolled in the program ¹⁸	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
10) Visits for mothers to the emergency department from all causes	Proportion of female caregivers enrolled in the program visiting the emergency room for any reason Outcome	% of female caregivers enrolled in the program who have visited the emergency room in the past six months within at 12 months post enrollment. Numerator: # of female caregivers who have visited the emergency room in the past 6 months as measured at 12 months post enrollment	HFA & EHS: Caregiver Interview ¹⁹ NFP: Demographic Update Form #24	NA	A decrease in the % of female caregivers enrolled in the program who visited the emergency room in the past 6 months between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post	HV agency staff	Interview	Female caregivers enrolled in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI

¹⁶ Section E, Question 18

¹⁷ In order to align with NFP’s model for data collection, data collected when the target child is 6 months of age will be used as the point of comparison for constructs 9, 10, & 12.

¹⁸ For measures where the Population is the target child, data will be reported by age category, specifically 0-12 months, 13-36 months, and 37-72 months.

¹⁹ Section C, Question 17

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		Denominator: # of female caregivers who have been enrolled in the program for 12 months			enrollment ¹⁸ Cohort comparison				quarterly
11) Information provided or training on prevention of child injuries	Mean number of child injury prevention topics covered with families Process	Mean number of child injury prevention topics covered with families at 6 months and 12 months of enrollment Numerator: Sum of number of child injury prevention topics covered across families enrolled in the program Denominator: Number of families enrolled in the program	HFA & EHS: Administrative ²⁰ NFP: Variance request Items that align with caregiver interview	NA	An increase in the mean number of child injury prevention topics covered with families in the second six months of enrollment as compared with the first six months of enrollment ²¹ Individual pre-post comparison	HV agency staff	HV self-report as recorded on the data collection form	Families served by the program	Documented on the data collection form by agency staff at six months and updated every six months Data submitted to MPH quarterly
12) Incidence of child injuries requiring medical treatment	Proportion of children who require medical care for an injury or ingestion Outcome	% of target children enrolled in the program who have required medical treatment for an injury or ingestion in the past 6 months at 12 months post enrollment Numerator: Number of target children who have had an injury or ingestion requiring medical treatment within the past 6 months as measured at 12 months post enrollment. Denominator: Number of	HFA & EHS: Caregiver Interview ²² NFP: Infant Health Care #9	NA	A decrease in % of target children enrolled in the program who require medical treatment for an injury or ingestion within the past 6 months between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ¹⁸ Cohort comparison	HV agency staff	Interview	Target child enrolled in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPH quarterly

²⁰ Section A, Question 9

²¹ In order to align with NFP's model for data collection, data collected when the target child is 6 months of age will be compared with data collected at the first postpartum visit.

²² Section E, Question 19 a & b

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		target children enrolled in the program at 12 months post enrollment							
13) Reported suspected maltreatment for children in the program ²³	Proportion of children with a report indicating child maltreatment is suspected Outcome	% of children who have participated in the program for at least six months with a CPS complaint referred for investigation by 12 months post enrollment Numerator: # of children who have participated in the program for at least six months with a CPS complaint referred for investigation by 12 months post enrollment Denominator: # of children enrolled in the program for at least six months	DHS CPS records	NA	A decrease in the % of children participating in the program for at least six months with a CPS complaint referred for investigation between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment Cohort comparison	DHS CPS records	Administrative	Children of who have participated in the program for at least six months	Pulled by CPS staff: Each cohort will be pulled once all cohort members reach 12 months post the date of parent enrollment in the program
14) Reported substantiated maltreatment	Proportion of children with substantiated child maltreatment case Outcome	% children participating in the program for at least six months with a substantiated CPS finding (Category 1, 2 or 3) by 12 months post enrollment Numerator: # of children who participated in the program for at least six months with a substantiated CPS finding by 12 months post enrollment Denominator: # of children enrolled in the program	DHS CPS records	NA	A decrease in the % of children enrolled in the program six months or more with a substantiated CPS finding with the 12 months following enrollment between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post	DHS CPS records	Administrative	Children of who have participated in the program for at least six months	Pulled by CPS staff: Each cohort will be pulled once all cohort members reach 12 months post the date of parent enrollment in the program

²³ Child maltreatment indicators (13-15) will be reported by type of maltreatment, as well as age. They will be reported for all target children served by the program

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		for six months or more			enrollment Cohort comparison				
15) First-time victims of maltreatment	Proportion of children who are first-time victims of child maltreatment Outcome	% children who have participated the program for at least six months with a first-time substantiated CPS finding (Category 1,2 or 3) within the first 12 months following enrollment in the program Numerator: # of children participating in the program for at least six months with a first-time substantiated CPS finding by 12 months post enrollment Denominator: # of children enrolled in the program for at least six months	DHS CPS records	NA	A decrease in the % of children enrolled in the program for at least six months with a first-time substantiated CPS finding between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment Cohort comparison	DHS CPS records	Administrative	Children of who have participated in the program for at least six months	Pulled by CPS staff: Each cohort will be pulled once all cohort members reach 12 months post the date of parent enrollment in the program
Benchmark 3: Improvements in School Readiness and Achievement									
16) Parent support for children's learning and development	Mean caregiver support for children's learning and development Outcome	Improved mean scores on HOME Inventory Learning Materials scale at one year as compared with six months Numerator: sum of scores on Learning Materials Scale obtained from all caregivers who completed the assessment Denominator: # of	HOME Inventory ²⁴ - Learning Materials Scale ²⁵	Yes	An improvement in HOME inventory Learning Materials score at one year of enrollment (or once the child reaches 12 months of age) as compared with six months of enrollment (or once the child reaches 6 months	HV agency staff	Completed by HV agency staff by observation & conversation	Primary caregiver participating in the program	Collected by HV agency staff at enrollment, or once the child is six months old, and updated every six months while family is enrolled in the program

²⁴ If the client is pregnant at the point of enrollment, the HOME and PFS will be administered when the infant is 6 months old and 12 months old by HFA, EHS, and NFP.

²⁵ Section B, Question 7

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		caregivers who completed the Learning Materials Scale			of age) Individual pre-post comparison				Data submitted to MPHI quarterly
17) Parent knowledge of child development and of their child's developmental progress	Proportion of caregivers who reviewed ASQ-3 and ASQ-SE results Process	% of caregivers who reviewed the ASQ-3 and ASQ-SE results with their home visitor Numerator: # of caregivers who reviewed ASQ-3 and ASQ-SE results with their home visitor Denominator: # of caregivers who have a child who was screened using the ASQ-3 or ASQ-SE	HFA & EHS: Administrative ²⁶ NFP: Variance request Items that align with caregiver interview	Yes	An increase or maintenance in the % of caregivers who reviewed the ASQ-3 and ASQ-SE results with their home visitor at six months of enrollment (or once the child reaches 6 months of age) between the cohort enrolled in year 1 and the cohort enrolled in year 2 Cohort Comparison	HV agency staff	Administrative	Primary caregiver participating in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
18) Parenting behaviors and parent-child relationship (e.g., discipline strategies, play interactions)	Mean parenting behaviors and parent-child relationship Outcome	Improved scores on HOME Inventory responsivity scale at one year as compared with six months Numerator: sum of scores on Responsivity Scale obtained from all the caregivers who completed the assessment Denominator: number of caregivers who completed the Responsivity Scale	HOME Inventory ²⁵ - Responsivity Scale ²⁷	Yes	An improvement in HOME inventory Responsivity score one year of enrollment (or once the child reaches 12 months of age) as compared with six months of enrollment (or once the child reaches 6 months of age)	HV agency staff	Completed by HV agency staff by observation & conversation	Primary caregiver participating in the program	Collected by HV agency staff at enrollment, or once the child is six months old, and updated every six months while family is enrolled in the program Data

²⁶ Section B, Questions 5 & 6

²⁷ Section B, Question 7

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
					Individual pre-post comparison				submitted to MPHI quarterly
19) Parent emotional well-being or parenting stress (note: <u>some</u> of these data may also be captured for maternal health under that benchmark area)	Mean parent well-being and parenting stress Outcome	Improved scores on SE Support and Concrete support scales of Protective Factors Survey at one year as compared with six months Numerator: sum of scores on Social Support and Concrete Support Scales obtained from all caregivers who completed the assessment. Denominator: number of caregivers who completed the Social Support and Concrete Support Scales	PFS Social Support and Concrete Support Scales	Yes	An improvement in scale scores of PFS at one year of enrollment as compared with six months of enrollment ²⁸ Individual pre-post comparison	HV agency staff	PFS instrument - Self-report	Primary caregiver participating in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
20) Child's communication, language, and emergent literacy	Proportion of children identified with developmental delays in communication who receive a referral Process	% of children enrolled in the program with a developmental delay in communication who received a referral Numerator: Number of children with a developmental delay in communication who received a referral by 12 months post enrollment Denominator: Number of children with a developmental delay in	Ages and Stages Questionnaire 3 (ASQ-3) - Communication Area ²⁹	Yes	An increase or maintenance of the % of children with a developmental delay in communication who receive a referral between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ³⁰	HV agency staff	ASQ-3 summary sheet - Self-report	Target child served by the program	Collected by HV agency staff at enrollment and updated every six months in accordance with the ASQ-3 schedule while family is enrolled in the program ³¹ Data

²⁸ In order to align with NFP's model for data collection, data collected when the target child is 6 months of age will be compared with data collected at the first postpartum visit.

²⁹ Section B, Question 5

³⁰ In order to align with NFP's model for data collection, screenings and referrals completed before the target child turns six months of age will be used for constructs 20-24.

³¹ If screening is positive at any point during enrollment, data regarding screening and referral will be used for reporting. This applies to constructs 20-24.

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		communication by 12 months post enrollment			Cohort comparison				submitted to MPHI quarterly
21) Child’s general cognitive skills	Proportion of children identified with developmental delays in problem solving who receive a referral Process	% of children enrolled in the program with a developmental delay in problem solving who received a referral Numerator: # of children with a developmental delay in problem solving who received a referral by 12 months post enrollment Denominator: # of children with a developmental delay in problem solving by 12 months post enrollment	ASQ-3 - Problem Solving Area ³²	Yes	An increase or maintenance in the % of children with a developmental delay in problem solving who receive a referral between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment Cohort comparison	HV agency staff	ASQ-3 summary sheet - Self-report	Target child served by the program	Collected by HV agency staff at enrollment and updated every six months in accordance with the ASQ-3 schedule while family is enrolled in the program Data submitted to MPHI quarterly
22) Child’s positive approaches to learning including attention	Proportion of children identified with developmental delays in personal and social skills who receive a referral Process	% of children enrolled in the program with a developmental delay in personal and social skills who received a referral Numerator: # of children with a developmental delay in personal and social skills who received a referral by 12 months post enrollment Denominator: # of children with a developmental delay in personal and social skills by 12 months	ASQ-3 - Personal-Social subscale ³³	Yes	An increase or maintenance in the % of children with a developmental delay in personal and social skills who receive a referral between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment Cohort comparison	HV agency staff	ASQ-3 summary sheet - Self-report	Target child served by the program	Collected by HV agency staff at enrollment and updated every six months in accordance with the ASQ-3 schedule while family is enrolled in the program Data submitted to MPHI

³² Section B, Question 5

³³ Section B, Question 5

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		post enrollment							quarterly
23) Child’s social behavior, emotion regulation, and emotional well-being	Proportion of children identified with developmental delays in social emotional development who receive a referral Process	% of children enrolled in the program with a delay in social emotional development who received a referral Numerator: # of children with a delay in social emotional development who received a referral by 12 months post enrollment Denominator: # of children with a delay in social emotional development by 12 months post enrollment	ASQ-SE ³⁴	Yes	An increase or maintenance of the % of children with a delay in social emotional development who receive a referral between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment Cohort comparison	HV agency staff	ASQ-SE summary sheet – Self-report	Target child served by the program	Collected by HV agency staff at enrollment and updated every six months in accordance with the ASQ-SE schedule while family is enrolled in the program Data submitted to MPHI quarterly
24) Child’s physical health and development	Proportion of children identified with developmental delays in gross or fine motor skills who receive a referral Process	% of children enrolled in the program with a developmental delay in gross or fine motor skills who received a referral Numerator: # of children with a developmental delay in gross or fine motor skills who received a referral by 12 months post enrollment Denominator: # of children with a developmental delay in gross or fine motor skills by 12 months post enrollment	ASQ-3 - Gross & Fine Motor Areas ³⁵	Yes	An increase or maintenance of the % of children with a developmental delay in gross or fine motor skills who receive a referral between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment Cohort comparison	HV agency staff	ASQ-3 summary sheet – Self-report	Target child served by the program	Collected by HV agency staff at enrollment and updated every six months in accordance with the ASQ-3 schedule while family is enrolled in the program Data submitted to MPHI quarterly
Benchmark 4: Crime or Domestic Violence									

³⁴ Section B, Question 6

³⁵ Section B, Question 5

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Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
27) Screening for domestic violence	Proportion of female caregivers screened for domestic violence Process	% of female caregivers enrolled in the program who are screened for domestic violence Numerator: # of female caregivers enrolled in the program who have received a screening for domestic violence by six months post enrollment Denominator: # of female caregivers who have been enrolled in the program for six months	Screening tool selected by the program HFA & EHS: Administrative ³⁶ NFP: Relationship Assessment	Yes NA	An increase or maintenance of the % of female caregivers enrolled in the program who receive a screening for domestic violence between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ³⁷ Cohort comparison	HV agency staff	Interview	Female caregivers, including women who enroll while pregnant, who are enrolled in the program	Collected by HV agency staff within the first six months of enrollment and on an as needed basis throughout enrollment Data submitted to MPHI quarterly
28) Number of families identified for the presence of domestic violence, number of referrals made to relevant domestic violence services (e.g., shelters, food pantries)	Proportion of female caregivers who screen positive for domestic violence who receive an appropriate referral Process	% of female caregivers enrolled in the program who need services for domestic violence that received a referral Numerator: # of female caregivers enrolled in the program who received a screening that indicated they need services for domestic violence that received an appropriate referral by 12 months post enrollment Denominator: # of female caregivers enrolled in the program who received a screening that indicated they need services for	HFA & EHS: Administrative ³⁸ NFP: Relationship Assessment, Referrals Form, and Use of Government and Community Services Form	NA	An increase or maintenance of the % of female caregivers enrolled in the program who need services for domestic violence that received a referral between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ³⁸ Cohort comparison	HV Agency Staff	HV self-report as recorded on the data collection form	Female caregivers, including women who enroll while pregnant, who are enrolled in the program	Documented on the data collection form by agency staff every six months Data submitted to MPHI quarterly

³⁶ Section B, Questions 3a & b

³⁷ In order to align with NFP’s model for data collection, screenings completed on or before the target child’s 6 month visit will be used for constructs 27-29.

³⁸ Section B, Question 3c a, b, & c

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		domestic violence by 12 months post enrollment							
29) Number of families identified for the presence of domestic violence, number of families for which a safety plan was completed	Proportion of female caregivers screened positive for domestic violence who have a safety plan Outcome	% of female caregivers enrolled in the program who received a screening that identified domestic violence who have a safety plan Numerator: # of female caregivers screened positive for domestic violence who have a safety plan by 12 months post enrollment Denominator: # of female caregivers screened positive for domestic violence	HFA & EHS: Administrative ³⁹ NFP: Relationship Assessment & Home Visit Encounter Form #2	NA	An increase or maintenance in the % of female caregivers enrolled in the program experiencing domestic violence who have a safety plan in place between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 12 months post enrollment ³⁸ Cohort comparison	HV agency staff	HV self-report as recorded on the data collection form	Female caregivers, including women who enroll while pregnant, who are enrolled in the program	Documented on the data collection form by HV agency staff at point the safety plan is completed and updated every six months Data submitted to MPHI quarterly
Benchmark 5: Family Economic Self-Sufficiency									
30) Household income and benefits (See SIR for definitions.)	Increase the mean dollar value of income and estimated benefits received Outcome	Increase in average estimated dollar value of household income and estimated benefits at 12 months as compared with enrollment Numerator: total dollar value of income and estimated benefits for participating households Denominator: # of households that are enrolled in the program for one year	HFA & EHS: Caregiver Interview ⁴⁰ NFP: Demographic pregnancy uptake form #13, Demographic update form # 15 & Use of government and community services	NA	An increase in the mean dollar value of income and estimated benefits received by households at one year of enrollment as compared with enrollment ⁴¹ Individual pre-post comparison	HV agency staff	Interview	Primary caregiver enrolled in the program and target child	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly

³⁹ Section B, Question 3d

⁴⁰ Section C, Question 24 a, b, & c

⁴¹ In order to align with NFP's model for data collection, data collected at the 1st home visit and at the target child's 6 month visit will be used for constructs 30-32.

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
31) Employment or Education of adult members of the household	Increase in the mean number of hours of employment Outcome	Increase in average number of hours of paid work plus unpaid hours devoted to care of an infant (up to 30 hours) for participating caregivers at 12 months as compared with enrollment Numerator: # of hours of employment and time spent in the care of a child for participating caregivers Denominator: # of caregivers enrolled in the program for one year	HFA & EHS: Caregiver Interview ⁴² NFP: Demographic pregnancy intake # 15 & demographics update form # 17	NA	An increase in the number of hours of employment (total paid work and care of child) for participating caregivers at one year as compared with enrollment Individual pre-post comparison	HV agency staff	Interview	Primary caregiver participating in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
32) Health insurance status	Proportion of participating caregivers and target children who have adequate (not emergency) health insurance Outcome	Increase in percentage of participating caregivers and target children who have adequate (not emergency) health insurance Numerator: # of participating caregivers and target children who have adequate insurance at 12 months post enrollment Denominator: # of participating caregivers and target children in the program at 12 months post enrollment	HFA & EHS: Caregiver Interview ⁴³ NFP: Demographics worksheet #6	NA	An increase in the percentage of participating caregivers and target children who have health insurance at one year as compared with enrollment Individual pre-post comparison	HV agency staff	Interview	Primary caregiver and target children participating in the program	Collected by HV agency staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
Benchmark 6: Coordination and Referrals for Other Community Resources and Supports									
33) Number of families	Proportion of families screened	% of families who receive a comprehensive assessment	Tool selected by agency or used	NA	An increase in or maintenance of the	HV agency staff	HV self-report as recorded on	Families enrolled in	Collected by HV agency

⁴² Section C, Questions 12 & 13; Section D, Question 12 & 13

⁴³ Section C, Question 15; Section D, Question 15; Section E, Question 13

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
identified for necessary services	for service needs Process	of their service needs Numerator: # of families who receive a comprehensive assessment of their service needs by 6 months post enrollment Denominator: # of families enrolled in the program for 6 months	by model HFA & EHS: Administrative ⁴⁴ NFP: Variance request Items that align with caregiver interview		% of families who receive a comprehensive assessment of their service needs between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 6 months post enrollment ⁴⁵ Cohort comparison		the data collection form	the program	staff at enrollment and updated every six months while family is enrolled in the program Data submitted to MPHI quarterly
34) Number of families that required services and received a referral to available community resources	Proportion of families with service needs that receive referrals Process	% of families with service needs that receive referrals Numerator: # of families with service needs who received a referral by 6 months post enrollment Denominator: # of families enrolled in the program for 6 months that have a service need	HFA & EHS: Administrative ⁴⁶ NFP: Variance request Items that align with caregiver interview	NA	An increase in or maintenance in the percentage of families with services needs who received a referral between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 6 months post enrollment Cohort comparison	HV agency staff	HV self-report as recorded on the data collection form	Families enrolled in the program	Documented in the data collection form by HV agency staff at enrollment and updated every six months Data submitted to MPHI quarterly
35) MOUs: Number of Memoranda of Understanding or other formal agreements	Mean number of MOUs or other formal agreements HV funded agencies have with other	Increase in number of MOUs or other formal agreements HV funded agencies have with other social service agencies in the community	HV agency survey	NA	An increase in the number of MOUs or other formal agreements HV funded agencies have with other	MPHI	Online Survey	HV funded agencies	Survey administered annually

⁴⁴ Section A, Question 10

⁴⁵ NFP programs will be asked to complete the supplemental interview form, which includes data elements regarding screening and referrals, each time the ‘Use of Government and Community Form’ is completed: at the first pregnancy intake visit, at the first postpartum visit, at 6 months, at 12 months, at 18 months, and at 24 months. This applies to constructs 33, 34, & 37.

⁴⁶ Section A, Question 11

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
with other social service agencies in the community	social service agencies in the community	Numerator: # of MOUs or other formal agreements HV agencies have with other social service agencies in the community social service agencies in the community Denominator: # of HV funded agencies			social service agencies in the community in year three as compared with October 2011 Individual pre-post comparison				
36) Information sharing: Number of agencies with which the home visiting provider has a clear point of contact	Proportion of agencies with which the home visiting agencies have a clear point of contact Process	% of Great Start Collaborative agencies with whom the home visiting agency reports having a clear point of contact Numerator: # of Great Start Collaborative organizations with whom the HV agency reports a clear point of contact Denominator: # of Great Start Collaborative Organizations	HV agency survey	NA	An increase or maintenance in the % of Great Stat Collaborative members with whom the agency reports having a clear point of contact in year three as compared with October 2011 Individual agency pre-post comparison	MPHI	Online Survey	HV funded agencies	Survey administered annually
37) Number of completed referrals	Proportion of completed referrals Process	% of referrals that resulted in contact between a family and the referral agency Numerator: # of referrals for services with a documented contact between a family and the referral agency at 6 months post enrollment	HFA & EHS: Administrative ⁴⁷ NFP: Variance request Items that align with caregiver interview	NA	An increase in the % of referrals with a documented contact between the family and referral agency between the cohort enrolled in the first year and the cohort enrolled in year two as compared at 6	HV agency staff	HV self-report as recorded on the data collection form	Families enrolled in the program	Documented on the data collection form by HV agency staff at enrollment and updated every six months Data submitted to

⁴⁷ Section A, Question 11

Michigan Benchmark Table(V10.Final)

Construct	Performance Measure	Operational Definition	Measurement Tool	Reliability/ Validity (Yes or No ¹)	Definition of Improvement	Persons Responsible	Source	Population	Schedule
		Denominator: # of referrals for services at six months post enrollment			months post enrollment Cohort comparison				MPHI quarterly