

**Pennsylvania**  
**MIECHV Performance Measures – Form 2**  
**10/1/2016 to 9/30/2017**

**1. Preterm Birth**

*Performance Measure: Percent of infants (among mothers who enrolled in home visiting prenatally before 37 weeks) who are born preterm following program enrollment*

*Numerator: Number of live births (index child or subsequent children among mothers who enrolled in home visiting prenatally before 37 weeks) born before 37 completed weeks of gestation and after enrollment*

*Denominator: Number of live births after enrollment who were born to mothers enrolled in home visiting prenatally before 37 weeks*

EHS, HFA, PAT		NFP		Total	
Numerator	8	Numerator	47	Numerator	55
Denominator	139	Denominator	474	Denominator	613
Value for Reporting Period (%)	6%	Value for Reporting Period (%)	10%	Value for Reporting Period (%)	9%

Comments: Denominator only includes pregnant women who enrolled before 37 weeks and gave birth within the reporting period. EHS, HFA, PAT = Missing data for estimated delivery date.

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**2. Breastfeeding**

*Performance Measure: Percent of infants (among mothers who enrolled in home visiting prenatally) who were breastfed any amount at 6 months of age*

*Numerator: Number of infants aged 6-12 months (index child among mothers who enrolled in home visiting prenatally) who were breastfed any amount at 6 months of age*

*Denominator: Number of infants aged 6-12 months (index child among mothers who enrolled in home visiting prenatally) enrolled in home visiting for at least 6 months*

**EHS, HFA, PAT**

Numerator	70
Denominator	217
Value for Reporting Period (%)	32%

**NFP**

Numerator	106
Denominator	313
Value for Reporting Period (%)	34%

**Total**

Numerator	176
Denominator	530
Value for Reporting Period (%)	33%

Comments: Denominator only includes infants with data collected. EHS, HFA, PAT = Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**3. Depression Screening**

*Performance Measure: Percent of primary caregivers enrolled in home visiting who are screened for depression using a validated tool within 3 months of enrollment (for those not enrolled prenatally) or within 3 months of delivery (for those enrolled prenatally)*

*Numerator: For those not enrolled prenatally, number of primary caregivers enrolled in home visiting who are screened for depression within the first 3 months since enrollment; for those enrolled prenatally, the number of primary caregivers screened for depression within 3 months of delivery*

*Denominator: For those not enrolled prenatally, the number of primary caregivers enrolled in home visiting for at least 3 months; for those enrolled prenatally, the number of primary caregivers enrolled in home visiting for at least three months post delivery*

EHS, HFA, PAT		NFP		Total	
Numerator	371	Numerator	368	Numerator	739
Denominator	445	Denominator	545	Denominator	990
Value for Reporting Period (%)	83%	Value for Reporting Period (%)	68%	Value for Reporting Period (%)	75%

Measurement Tool Utilized: 

Edinburgh, PHQ-9
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Comments: Denominator only includes caregivers who reached 3 months post enrollment (for those not enrolled prenatally) or 3 months postpartum (for those enrolled prenatally) within the reporting period. Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**4. Well Child Visit**

*Performance Measure: Percent of children enrolled in home visiting who received the last recommended visit based on the American Academy of Pediatrics (AAP) schedule*

*Numerator: Number of children (index child) enrolled in home visiting who received the last recommended well child visit based on the AAP schedule*

*Denominator: Number of children (index child) enrolled in home visiting*

EHS, HFA, PAT

Numerator	869
Denominator	1209
Value for Reporting Period (%)	72%

NFP

Numerator	379
Denominator	1116
Value for Reporting Period (%)	34%

**Total**

Numerator	1248
Denominator	2325
Value for Reporting Period (%)	54%

Comments: EHS, HFA, PAT = Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly. Challenges with calculating based on data collection time points. Have fixed for better reporting in the future.

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**5. Postpartum Care**

*Performance Measure: Percent of mothers enrolled in home visiting prenatally or within 30 days after delivery who received a postpartum visit with a healthcare provider within 8 weeks (56 days) of delivery*

*Numerator: Number of mothers enrolled in home visiting prenatally or within 30 days after delivery who received a postpartum visit with a healthcare provider within 8 weeks (56 days) of delivery*

*Denominator: Number of mothers who enrolled in home visiting prenatally or within 30 days after delivery and remained enrolled for at least 8 weeks (56 days) after delivery*

EHS, HFA, PAT		NFP		Total	
Numerator	140	Numerator	239	Numerator	379
Denominator	190	Denominator	538	Denominator	728
Value for Reporting Period (%)	74%	Value for Reporting Period (%)	44%	Value for Reporting Period (%)	52%

Comments: Denominator only includes pregnant women who enrolled prenatally or within 30 days after delivery AND reached 8 weeks postpartum within the reporting period AND had data collected. Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**6. Tobacco Cessation Referrals**

*Performance Measure: Percent of primary caregivers enrolled in home visiting who reported using tobacco or cigarettes at enrollment and were referred to tobacco cessation counseling or services within 3 months of enrollment.*

*Numerator: Number of primary caregivers enrolled in home visiting who reported using tobacco or cigarettes at enrollment and were referred to tobacco cessation counseling or services within 3 months of enrollment*

*Denominator: Number of primary caregivers enrolled in home visiting who reported using tobacco or cigarettes at enrollment and were enrolled for at least 3 months*

EHS, HFA, PAT		NFP		Total	
Numerator	34	Numerator	0	Numerator	34
Denominator	121	Denominator	66	Denominator	187
Value for Reporting Period (%)	28%	Value for Reporting Period (%)	0%	Value for Reporting Period (%)	18%

Comments: EHS, HFA, PAT = 121 caregivers reported using tobacco at enrollment. 19 were not referred for services. Missing data for 68 caregivers due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**7. Safe Sleep**

*Performance Measure: Percent of infants enrolled in home visiting that are always placed to sleep on their backs, without bed-sharing or soft bedding*

*Numerator: Number of infants (index child aged less than 1 year) enrolled in home visiting whose primary caregiver reports that they are always placed to sleep on their backs, without bed-sharing or soft bedding*

*Denominator: Number of infants (index child) enrolled in home visiting who were aged less than 1 year during the reporting period*

EHS, HFA, PAT

Numerator	144
Denominator	410
Value for Reporting Period (%)	35%

NFP

Numerator	103
Denominator	336
Value for Reporting Period (%)	31%

**Total**

Numerator	247
Denominator	746
Value for Reporting Period (%)	33%

Comments: Denominator only includes infants less than 1 year with data collected. EHS, HFA, PAT = Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**8. Child Injury**

*Performance Measure: Rate of injury-related visits to the Emergency Department (ED) since enrollment among children enrolled in home visiting*

*Numerator: Number of parent-reported nonfatal injury-related visits to the ED since enrollment among children (index child) enrolled in home visiting*

*Denominator: Number of children (index child) enrolled in home visiting*

EHS, HFA, PAT		NFP		Total	
Numerator	73	Numerator	55	Numerator	128
Denominator	1394	Denominator	1116	Denominator	2510
Value for Reporting Period (%)	5%	Value for Reporting Period (%)	5%	Value for Reporting Period (%)	5%

Comments: Denominator only includes children with data collected. EHS, HFA, PAT = Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.



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**9. Child Maltreatment**

*Performance Measure: Percent of children enrolled in home visiting with at least 1 investigated case of maltreatment following enrollment within the reporting period*

*Numerator: Number of children (index child) enrolled in home visiting with at least 1 investigated case of maltreatment since enrollment*

*Denominator: Number of children (index child) enrolled in home visiting*

EHS, HFA, PAT		NFP		Total	
Numerator	71	Numerator	29	Numerator	100
Denominator	2109	Denominator	1177	Denominator	3286
Value for Reporting Period (%)	3%	Value for Reporting Period (%)	2%	Value for Reporting Period (%)	3%

Comments: Denominator reflects original Form 1 submission of total children served. Unable to get updated data in time for resubmission.

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**10. Parent Child Interaction**

*Performance Measure: Percent of primary caregivers enrolled in home visiting who receive an observation of caregiver-child interaction by the home visitor using a validated tool*

*Numerator: Number of primary caregivers enrolled in home visiting who receive an observation of caregiver-child interaction by the home visitor using a validated tool*

*Denominator: Number of primary caregivers enrolled in home visiting with children reaching the target age range*

EHS, HFA, PAT		NFP		Total	
Numerator	759	Numerator	691	Numerator	1450
Denominator	971	Denominator	1208	Denominator	2179
Value for Reporting Period (%)	78%	Value for Reporting Period (%)	57%	Value for Reporting Period (%)	67%

Measurement Tool Utilized: 

DANCE, HOME, KIPS, PICCOLO
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Comments: EHS, HFA, PAT = 140 not screened. 107 were using CHEEERS before validated tool. Missing data for 72 children due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**11. Early Language and Literacy Activities**

*Performance Measure: Percent of children enrolled in home visiting with a family member who reported that during a typical week s/he read, told stories, and/or sang songs with their child daily, every day*

*Numerator: Number of children (index child) enrolled in home visiting with a family member who reported that during a typical week s/he read, told stories, and/or sang songs with their child daily, every day*

*Denominator: Number of children (index child) enrolled in home visiting*

EHS, HFA, PAT

Numerator	704
Denominator	1385
Value for Reporting Period (%)	51%

NFP

Numerator	676
Denominator	1023
Value for Reporting Period (%)	66%

**Total**

Numerator	1380
Denominator	2408
Value for Reporting Period (%)	57%

Comments: Denominator only includes children with data collected. EHS, HFA, PAT = Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**12. Developmental Screening**

*Performance Measure: Percent of children enrolled in home visiting with a timely screen for developmental delays using a validated parent-completed tool*

*Numerator: Number of children (index child) enrolled in home visiting with at least one screening within the AAP-defined age groups during the reporting period*

*Denominator: Number of children (index child) enrolled in home visiting reaching the specified time frame during the reporting period*

EHS, HFA, PAT

Numerator	607
Denominator	864
Value for Reporting Period (%)	70%

NFP

Numerator	844
Denominator	1119
Value for Reporting Period (%)	75%

**Total**

Numerator	1451
Denominator	1983
Value for Reporting Period (%)	73%

Measurement Tool Utilized:

ASQ-3
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Comments: EHS, HFA, PAT = 257 not screened. Missing data for 228 children due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**13. Behavioral Concerns**

*Performance Measure: Percent of home visits where primary caregivers were asked if they have any concerns regarding their child’s development, behavior, or learning*

*Numerator: Number of home visits where primary caregivers enrolled in home visiting were asked if they have any concerns regarding their child’s development, behavior, or learning*

*Denominator: Total number of home visits during the reporting period*

EHS, HFA, PAT		NFP		Total	
Numerator	13102	Numerator	11177	Numerator	24279
Denominator	13592	Denominator	11987	Denominator	25579
Value for Reporting Period (%)	96%	Value for Reporting Period (%)	93%	Value for Reporting Period (%)	95%

Comments: Denominator does not include home visits for pregnant women prior to birth of child.

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**14. Intimate Partner Violence Screening**

*Performance Measure: Percent of primary caregivers enrolled in home visiting who are screened for intimate partner violence (IPV) within 6 months of enrollment using a validated tool*

*Numerator: Number of primary caregivers enrolled in home visiting who are screened for IPV using a validated tool within 6 months of enrollment*

*Denominator: Number of primary caregivers enrolled in home visiting for at least 6 months*

EHS, HFA, PAT		NFP		Total	
Numerator	301	Numerator	370	Numerator	671
Denominator	422	Denominator	632	Denominator	1054
Value for Reporting Period (%)	71%	Value for Reporting Period (%)	59%	Value for Reporting Period (%)	64%

Measurement Tool Utilized: HARASS, HITS, PPA, WEB

Comments: EHS, HFA, PAT = 121 were not screened. Missing data for 42 caregivers due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly. Home visitor unable to screen due to safety concerns = 46. 11 caregivers refused screening.

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**15. Primary Caregiver**

**Education**

*Performance Measure: Percent of primary caregivers who enrolled in home visiting without a high school degree or equivalent who subsequently enrolled in, maintained continuous enrollment in, or completed high school or equivalent during their participation in home visiting*

*Numerator: Number of primary caregivers who enrolled in, maintained continuous enrollment in, or completed a high school degree or equivalent after enrollment in home visiting (and met the conditions specified in the denominator)*

*Denominator: Number of primary caregivers without a high school degree or equivalent at enrollment*

**EHS, HFA, PAT**

Numerator	29
Denominator	301
Value for Reporting Period (%)	10%

**NFP**

Numerator	85
Denominator	222
Value for Reporting Period (%)	38%

**Total**

Numerator	114
Denominator	523
Value for Reporting Period (%)	22%

Comments: EHS, HFA, PAT = 302 reported on Table 9 with Less than HS Diploma. 115 reported as No. Missing data for 158 caregivers. NFP = 385 reported on Table 9 with Less than HS Diploma. Missing data for 163 caregivers.

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**16. Continuity of Insurance Coverage**

*Performance Measure: Percent of primary caregivers enrolled in home visiting who had continuous health insurance coverage for at least 6 consecutive months*

*Numerator: Number of primary caregivers enrolled in home visiting who reported having health insurance coverage for at least 6 consecutive months since enrollment in home visiting*

*Denominator: Number of primary caregivers enrolled in home visiting for at least 6 months*

EHS, HFA, PAT		NFP		Total	
Numerator	1003	Numerator	149	Numerator	1152
Denominator	1192	Denominator	586	Denominator	1778
Value for Reporting Period (%)	84%	Value for Reporting Period (%)	25%	Value for Reporting Period (%)	65%

Comments: Denominator only includes caregivers had data collected within the reporting period. Missing data due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.



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**17. Completed Depression Referrals**

*Performance Measure: Percent of primary caregivers referred to services for a positive screen for depression who receive one or more service contacts*

*Numerator: Number of primary caregivers enrolled in home visiting who received recommended services for depression (and met the conditions specified in the denominator)*

*Denominator: Number of primary caregivers enrolled in home visiting who had a positive screen for depression within 3 months of enrollment (for those not enrolled prenatally) or within 3 months of delivery (for those enrolled prenatally) and were referred for services*

EHS, HFA, PAT		NFP		Total	
Numerator	3	Numerator	120	Numerator	123
Denominator	23	Denominator	308	Denominator	331
Value for Reporting Period (%)	13%	Value for Reporting Period (%)	39%	Value for Reporting Period (%)	37%

Measurement Tool Utilized: Edinburgh  
, PHQ-9

Comments: EHS, HFA, PAT = 63 caregivers had a positive screen - 40 were already receiving services (removed from denominator) = 23 clients who had a positive screen and should have been referred. 12 were not referred + 5 have not reached the follow-up time point yet + 3 were referred and refused services.

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**18. Completed**

**Developmental Referrals**

*Performance Measure: Percent of children enrolled in home visiting with positive screens for developmental delays (measured using a validated tool) who receive services in a timely manner*

*Numerator: Number of children enrolled in home visiting who a) received individualized developmental support from a home visitor; b) were referred to early intervention services and receive an evaluation within 45 days; OR c) were referred to other community services who received services within 30 days (and met the conditions specified in the denominator)*

*Denominator: Number of children enrolled in home visiting with positive screens for developmental delays (measured using a validated tool)*

EHS, HFA, PAT		NFP		Total	
Numerator	85	Numerator	19	Numerator	104
Denominator	104	Denominator	69	Denominator	173
Value for Reporting Period (%)	82%	Value for Reporting Period (%)	28%	Value for Reporting Period (%)	60%

Measurement Tool Utilized: 

ASQ-3
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Comments: EHS, HFA, PAT = 104 children had a positive screen. 1 child did not receive any of the 3 services. Missing data for 18 children due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.

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**19. Intimate Partner Violence Referrals**

*Performance Measure: Percent of primary caregivers enrolled in home visiting with positive screens for IPV (measured using a validated tool) who receive referral information to IPV resources*

*Numerator: Number of primary caregivers enrolled in home visiting who received referral information to IPV resources (and met the conditions specified in the denominator)*

*Denominator: Number of primary caregivers enrolled in home visiting with positive screens for IPV (measured using a validated tool) within 6 months of enrollment*

EHS, HFA, PAT		NFP		Total	
Numerator	10	Numerator	6	Numerator	16
Denominator	37	Denominator	71	Denominator	108
Value for Reporting Period (%)	27%	Value for Reporting Period (%)	8%	Value for Reporting Period (%)	15%

Measurement Tool Utilized: 

HARASS, HITS, PPA, WEB
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Comments: EHS, HFA, PAT = 37 caregivers screened positive for intimate partner violence. 10 were not referred for services. Missing data for 17 caregivers due to measures not correctly populating in PA's custom built home visiting data system. This issue was not discovered until September 2017. The issue has since been resolved and all measures are now populating correctly.