



Florida MIECHV Performance Measurement Report 2018

Comparison Matrix (HRSA Form 2; all site data aggregated into state average)

The Florida Maternal, Infant and Early Childhood Home Visiting (MIECHV) Initiative reports annually on 19 performance measures to HRSA, the federal funding agency. Each performance measure relates to one of six benchmark areas including: 1) maternal and newborn health; 2) child injuries; child abuse, neglect, or maltreatment; and emergency department visits; 3) school readiness and achievement; 4) domestic violence; 5) family economic self-sufficiency; and 6) coordination and referrals for other community resources and supports. Florida MIECHV completed its fifth annual report on October 30, 2018 and included data on families who received MIECHV services at any point from October 1, 2017 through September 30, 2018.

This summary report provides brief information about each performance measure. Please refer to the [Performance Measures Summary](#) for more details about each individual performance measure, including the type of measure, target population, measurement specification, and how and when data are collected.

Performance Measure/Description of Measure

These fields are defined by HRSA and measured the same across all states and territories funded with MIECHV dollars.

Complete Data & Target Population

For some measures, the target population includes all families with a completed home visit during the reporting year. Many others are designed to measure a process or outcome by a designated time point, e.g. by six months after enrollment or by the time the target child is 8 weeks old. In this column, only families who stayed enrolled and reached the measurement point are identified (denominator). Of those, the number who had complete and timely data is also provided (numerator). Essentially, we see how many families we are able to include in the measure (numerator) out of the ideal number we would want to include (denominator). If there is "NA" in this column, this indicates that missing data did not exclude anyone from that particular measure.

A note about measures 2 (Breastfeeding), 5 (Postpartum Care), and 16 (Health Insurance): HRSA designed these measures in a way that families may be included before they reach the end of the measurement period—if they reached the beginning of the measurement period before the end of the reporting year or before program dismissal. Complete data rates reported on these measures are often lower than those for other measures. While HRSA expects complete data rates at 90% or higher, there is recognition that achieving this level for these measures is more challenging.

Florida MIECHV Outcomes: 2017 and 2018

These values are the averages of all MIECHV sites for 2017 and 2018. All are percentages except for #8 Child Injury, which is a rate per 1,000 children.

Range of Site Outcomes

This column shows the range of values from the lowest to the highest for individual sites. Note that sometimes the low end is the highest performance and the high end is the lowest performance, depending on the measure. Site outcomes are only included if there were three (3) or more cases in the denominator. Note that where numbers are small, the range can be somewhat meaningless (e.g. 0-100%).

Change from 2017

This column uses arrow symbols to indicate which direction the outcome moved from 2017 to 2018. Color-coding helps distinguish if the movement was an improvement or maintenance at an acceptable level (green) or a decline (red). Changes within one percentage point are marked as "no change". These symbols are intended to be used as visual aids in reviewing the whole row of information. *Statistical significance of the differences between the two values was not calculated.*

Analysis/Notes

This column provides more detail to understand what the previous data columns mean. For some measures, additional analysis of the outcome and relevant context are also included.

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BENCHMARK AREA 1: Maternal and Newborn Health							
Performance Measure	Description of Measure	Complete Data & Target Population	Florida MIECHV Outcomes		Range of Site Outcomes	Change from 2017	Analysis/Notes
			2017	2018			
1 Preterm Birth	Among mothers who enrolled prenatally before 37 weeks, percent of infants who are born preterm.	100% (589/589)	12.0% (54/450)	10.7% (63/589)	0-33%		The preterm birth rate for Black/African-American women is 11.7%, compared to 10.6% for White women. When eight sets of twins are excluded, the singleton preterm birth rate declines to 9.6%.
2 Breastfeeding	Among mothers who enrolled prenatally, percent of infants who were fed any amount of breast milk at 6 months of age.	83% (328/393)	34% (67/196)	41% (126/305)	0-74%		Three hundred and five (305) women were able to breastfeed (no medical contraindication). The breastfeeding initiation rate is 88%, with site rates ranging from 62-100% .
3 Depression Screening	Percent of primary caregivers screened for depression with the Edinburgh Postnatal Depression Scale (EPDS) by 3 months postpartum or post-enrollment.	NA	81% (525/647)	88% (868/982)	70-100%		Among 982 caregivers included, 868 (88%) were screened on time. Those enrolled during pregnancy were screened at a lower rate (85%) than those enrolled postpartum (92%).
4 Well-Child Visit	Percent of children who received the last recommended well-child visit, based on the American Academy of Pediatrics (AAP) schedule.	NA	73% (1056/1449)	78% (1559/2004)	31-98%		As of the last home visit of the reporting year, 78% of children due for a well-child visit during the reporting year had received the most recent well-child visit recommended by the AAP.
5 Postpartum Care	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.	89% (600/676)	74% (271/367)	70% (417/600)	46-96%		Complete data increased from 79% in 2017 to 89% in 2018. This could account for some of the decrease in mothers receiving a timely postpartum visit from 2017 to 2018.
6 Tobacco Cessation Referrals	Percent of primary caregivers who reported using tobacco at enrollment and were referred to tobacco cessation services within 3 months of enrollment.	99% (1170/1176)	35% (33/94)	91% (120/132)	0-100%		At least some of the increase from 35% to 91% referred can be attributed to programs' focused efforts on improving referral documentation and data entry.

BENCHMARK AREA 2: Child Injuries; Child Abuse, Neglect or Maltreatment; and Reduction of Emergency Department Visits

Performance Measure	Description of Measure	Complete Data & Target Population	Florida MIECHV Outcomes		Range of Site Outcomes	Change from 2017	Analysis/Notes
			2017	2018			
7 Safe Sleep	Percent of infants that are always placed to sleep on their backs, without bed-sharing or soft bedding.	93% (1520/1637)	63% (672/1060)	65% (991/1520)	36-88%		While caregivers reported always using all safe sleep practices for 65% of children, individual practices were always followed at different rates: <ul style="list-style-type: none"> - placed on back: 90% - no bed sharing: 74% - no soft bedding: 79%
8 Child Injury	Rate of injury-related visits to the Emergency Department per 1,000 children enrolled.	99% (2144/2165)	50 (78/1566)	39 (83/2144)	0-115		The ED visit rate for injury decreased from 50 per 1,000 children in 2017 to 39 per 1,000 children in 2018. If we exclude the highest value in the range (115), the next highest site value is 67 per 1,000 children.
9 Child Maltreatment	Percent of children with at least one investigated report of maltreatment, as evidenced by linking with maltreatment report data from the Florida Department of Children and Families.	82% (1688/2059)	1.6% (18/1151)	4.2% (71/1688)	0-14%		The increase in children with investigated reports of maltreatment from 2017 to 2018 is only partially explained by the difference in the length of the reporting period—nine months in 2017 and 12 months in 2018. The adjusted 2018 rate over nine months would be 3.1%.

BENCHMARK AREA 3: School Readiness and Achievement

Performance Measure	Description of Measure	Complete Data & Target Population	Florida MIECHV Outcomes		Range of Site Outcomes	Change from 2017	Analysis/Notes
			2017	2018			
10 Parent-Child Interaction	Percent of children who receive an observation of caregiver-child interaction using a validated tool.	NA	71% (342/479)	70% (840/1206)	5-100%		Of 1206 caregiver-child dyads that reached the end of an observation timeframe, 840 or 70% received a timely observation. Measurement criteria became more rigorous in 2018, but the outcome remained steady.
11 Early Language and Literacy Activities	Percent of children whose caregiver reported that during a typical week, a family member read, told stories, and/or sang songs to the child daily, every day.	98% (2120/2165)	56% (876/1564)	71% (1501/2120)	34-95%		Caregivers reported daily early language and literacy activities for 71% of children, an increase from 56% in 2017.
12 Developmental Screening	Percent of children with a timely screen for developmental delay using a validated parent-completed tool (ASQ-3).	NA	81% (582/719)	88% (772/875)	39-100%		There were 875 children that reached at least one specified timeframe for developmental screening (10, 18, 30 months) and 772 of those children (88%) received a timely screen using the ASQ-3.
13 Behavioral Concerns	Percent of postnatal home visits where primary caregivers were asked if they have any concerns regarding their child's development, behavior, or learning.	NA	99% (18,032/18,253)	99% (23,348/23,504)	90-100%		Of the 23,504 home visits completed with families who had a child enrolled in home visiting, home visitors asked caregivers about these concerns at over 99% of visits.

BENCHMARK AREA 4: Domestic Violence							
Performance Measure	Description of Measure	Complete Data & Target Population	Florida MIECHV Outcomes		Range of Site Outcomes	Change from 2017	Analysis/Notes
			2017	2018			
14 Intimate Partner Violence (IPV) Screening	Percent of primary caregivers who are screened for intimate partner violence with a validated tool within 6 months of enrollment	NA	90% (603/669)	92% (801/874)	68-100%		While 92% of caregivers were screened within 6 months of enrollment, an additional 26 caregivers were screened after the 6-month deadline for a total screening rate of 95%.

BENCHMARK AREA 5: Family Economic Self-Sufficiency							
Performance Measure	Description of Measure	Complete Data & Target Population	Florida MIECHV Outcomes		Range of Site Outcomes	Change from 2017	Analysis/Notes
			2017	2018			
15 Primary Caregiver Education	Percent of primary caregivers without a high school degree or equivalent at enrollment who subsequently enrolled in, maintained continuous enrollment in, or completed high school or equivalent.	84% (2139/2546)	38% (170/452)	27% (174/646)	3-50%		Among the 2139 primary caregivers included, 646 (30%) reported not having a high school diploma or GED at enrollment or by 9/30/2017. By 9/30/2018, 61 (9.4%) had earned a diploma or GED and another 113 (17.5%) were enrolled in middle/high school or equivalent.
16 Continuity of Insurance Coverage	Percent of primary caregivers who had continuous health insurance coverage for at least six consecutive months.	89% (1164/1305)	74% (725/984)	71% (831/1164)	38-100%		Complete data for this measure requires that at least six months separate the first and the last completed home visit. Among the 1164 with complete data, 831 or 71% reported having health insurance at every visit for six months or more.

BENCHMARK AREA 6: Coordination and Referrals for Other Community Resources and Supports

Performance Measure	Description of Measure	Complete Data & Target Population	Florida MIECHV Outcomes		Range of Site Outcomes	Change from 2017	Analysis/Notes
			2017	2018			
17 Completed Depression Referrals	Percent of primary caregivers referred to services for a positive depression screen who receive recommended services.	100% (906/906)	9% (7/75)	23% (28/123)	0-67%		One hundred twenty-nine (129) of 906 primary caregivers screened with the EPDS in 2018 screened positive (14%). After removing 16 caregivers who later screened negative and 28 who were already receiving services, and adding 38 caregivers from 2017 positive screens that had not received a service or screened negative by 9/30/2017, the final denominator is 123. Of these, 28 caregivers (23%) had received some type of recommended service to address depression by 9/30/2018.
18 Completed Developmental Referrals	Percent of children with positive screens for developmental delays who receive services in a timely manner.	100% (778/778)	74% (46/62)	80% (48/60)	0-100%		There were 772 children screened for developmental delay in 2018 and 54 children (7%) scored below the cut-off score on one or more subscales. Six (6) more children were carried over from 2017 for a total of 778 children in the target population and 60 in the denominator. Forty-eight (48) children met the numerator criteria by 9/30/2018: <ul style="list-style-type: none"> - 15 received a Part C evaluation within 45 days of referral and - 33 received developmental support activities from the home visitor. - 12 did not meet numerator criteria, but 10 of these did receive some follow up from the home visitor or Part C.
19 Intimate Partner Violence Referrals	Percent of primary caregivers with positive screens for IPV who receive referral information to IPV resources.	99% (799/802)	95% (19/20)	94% (50/53)	60-100%		Among the 798 IPV screens from 2018 with complete scoring data, 52 or 6.5% screened positive. One additional case was included from 2017 for a total of 53 in the denominator. Fifty (50) of 53 caregivers received referral information to IPV resources for an outcome of 94.3% referred.