



Florida MIECHV Performance Measurement Report 2019

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 sixth annual report on October 30, 2019 and included data on families who received MIECHV services at any point from October 1, 2018 through September 30, 2019.

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

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

Complete Data

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) and 5 (Postpartum Care): 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, 2018, and 2019

These values are the averages of all MIECHV sites for 2017, 2018, and 2019. Past years are included for comparison of outcomes over time. 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 2018

This column uses arrow symbols to indicate which direction the outcome moved from 2018 to 2019. 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 difference 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	Complete Data	Florida MIECHV Outcomes			Range of Site Outcomes	Change from 2018	Analysis/Notes
		2017	2018	2019			
1 Preterm Birth Among mothers who enrolled prenatally before 37 weeks, percent of infants who are born preterm.	99% (638/639)	12.0% (54/450)	10.7% (63/589)	12.9% (82/638)	0-33%		The 2018 preterm birth rate for all Florida births was 10.2%. The disparity ratio by Black/White race is similar for MIECHV and all Florida 2018 births: MIECHV 14.8% Black to 10.1% White, disp. ratio=1.47. All Florida 2018 births: 13.9% Black to 9.1% White, disp. ratio=1.53.
2 Breastfeeding Among mothers who enrolled prenatally, percent of infants who were fed any amount of breast milk at 6 months of age.	75% (433/579)	34% (67/196)	41% (126/305)	38% (161/427)	12-69%		Four hundred twenty-seven (427) women were able to breastfeed (no medical contraindication). The breastfeeding initiation rate is 88%, with site rates ranging from 22-98%.
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)	93% (856/919)	79-100%		Among 919 caregivers included, 856 (93%) were screened on time. This measure has seen steady improvement since 2017.
4 Well-Child Visit Percent of children who received the last recommended well-child visit, based on the American Academy of Pediatrics (AAP) schedule.	92% (2238/2423)	73% (1056/1449)	78% (1559/2004)	78% (1744/2238)	47-100%		As of the last home visit of the reporting year, 78% of children due for a well-child visit had received the most recent well-child visit recommended by the AAP.
5 Postpartum Care Percent of mothers enrolled prenatally or within 30 days after delivery who received a postpartum visit with a healthcare provider within 8 weeks of delivery.	89% (603/681)	74% (271/367)	70% (417/600)	74% (444/603)	31-90%		Of 681 women in the target population, there were complete data for 603 (89%) and 444 (74%) of those reported receiving a postpartum visit within 56 days of delivery.
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.	98% (1104/1128)	35% (33/94)	91% (120/132)	97% (115/119)	80-100%		Among the 130 caregivers who reported using tobacco at enrollment, 11 were already receiving cessation services and were excluded from the denominator.

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



Performance Measure	Complete Data	Florida MIECHV Outcomes			Range of Site Outcomes	Change from 2018	Analysis/Notes
		2017	2018	2019			
7 Safe Sleep Percent of infants that are always placed to sleep on their backs, without bed-sharing or soft bedding.	91% (1597/1759)	63% (672/1060)	65% (991/1520)	70% (1117/1597)	37-85%		While caregivers reported always using all safe sleep practices for 70% of children, individual practices were always followed at different rates: <ul style="list-style-type: none"> - placed on back: 92% (90% in 2018) - no bed sharing: 78% (74% in 2018) - no soft bedding: 79% (no change)
8 Child Injury Rate of injury-related visits to the Emergency Department per 1,000 children enrolled.	99% (2402/2423)	50 (78/1566)	39 (83/2144)	39 (93/2402)	0-88		Caregivers reported 93 non-fatal injury-related visits to the ED for their children enrolled in MIECHV. The ED visit rate for injury remained unchanged at 39 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.	83% (1939/2347)	1.6% (18/1151)	4.2% (71/1688)	5.2% (101/1939)	0-13%		Because children are included in the measure when they receive as little as one home visit during the reporting period, the numerator could include child maltreatment reports made by the home visitor at or near enrollment. Therefore, when programs improve their reach to families with increased risk for child maltreatment, this outcome could continue to increase.

BENCHMARK AREA 3: School Readiness and Achievement							
Performance Measure	Complete Data	Florida MIECHV Outcomes			Range of Site Outcomes	Change from 2018	Analysis/Notes
		2017	2018	2019			
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)	88% (1323/1502)	47-100%		Of 1502 caregiver-child dyads that reached the end of an observation timeframe, 1323 or 88% received a timely observation.
11 Early Language & 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% (2367/2423)	56% (876/1564)	71% (1501/2120)	76% (1789/2367)	36-96%		Caregivers reported daily early language and literacy activities for 76% of children, an increase from 71% in 2018.
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)	90% (1059/1171)	67-99%		There were 1171 children that reached at least one specified timeframe for developmental screening (10, 18, 30 months) and 1059 of those children (90%) 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)	99% (28,302/28,412)	96-100%		Of the 28,412 home visits completed with families who had a child enrolled in home visiting, home visitors asked caregivers about these concerns at 99.6% of visits.

BENCHMARK AREA 4: Domestic Violence							
Performance Measure	Complete Data	Florida MIECHV Outcomes			Range of Site Outcomes	Change from 2018	Analysis/Notes
		2017	2018	2019			
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)	95% (934/981)	70-100%		While 95% of caregivers were screened within 6 months of enrollment, an additional 16 caregivers were screened after the 6-month deadline for a total screening rate of 97%.

BENCHMARK AREA 5: Family Economic Self-Sufficiency							
Performance Measure	Complete Data	Florida MIECHV Outcomes			Range of Site Outcomes	Change from 2018	Analysis/Notes
		2017	2018	2019			
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.	95% (2746/2883)	38% (170/452)	27% (174/646)	22% (153/692)	0-43%		Among the 2746 primary caregivers included, 692 (25%) reported not having a high school diploma or GED at enrollment or by 9/30/2018. By 9/30/2019, 60 (9%) had earned a diploma or GED and another 93 (13%) 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 since enrollment.	94% (1831/1942)	74% (725/984)	71% (831/1164)	73% (1345/1831)	47-100%		Complete data for this measure requires that at least six months separate the first and the last completed home visit. Among the 1831 with complete data, 1345 or 73% reported having health insurance for at least six consecutive months since enrollment.

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

Performance Measure	Complete Data	Florida MIECHV Outcomes			Range of Site Outcomes	Change from 2018	Analysis/Notes
		2017	2018	2019			
<p>17 Completed Depression Referrals Percent of primary caregivers referred to services for a positive depression screen who receive recommended services.</p>	<p>92% (843/919)</p>	<p>9% (7/75)</p>	<p>23% (28/123)</p>	<p>53% (50/94)</p>	<p>0-80%</p>	<p></p>	<p>Ninety-five (95) of 843 primary caregivers screened with the EPDS in 2019 screened positive (11%). After removing 37 caregivers who later screened negative or who were already receiving services and adding 36 caregivers from 2017 and 2018 positive screens that had not received a service by 9/30/2018, the final denominator is 94. Of these, 50 caregivers (53%) had received some type of recommended service to address depression by 9/30/2019.</p>
<p>18 Completed Developmental Referrals Percent of children with positive screens for developmental delays who receive services in a timely manner.</p>	<p>90% (1059/1171)</p>	<p>74% (46/62)</p>	<p>80% (48/60)</p>	<p>60% (40/67)</p>	<p>0-100%</p>	<p></p>	<p>There were 1059 children screened for developmental delay in 2019 and 65 children (6%) scored below the cut-off score for the first time on one or more subscales. Two (2) more children were carried over from 2018 for a total of 67 in the denominator. Forty (40) children met the numerator criteria by 9/30/2019:</p> <ul style="list-style-type: none"> - 12 received a Part C evaluation within 45 days of referral and - 28 received developmental support activities from the home visitor. - 27 did not meet numerator criteria, but 11 of these did receive some follow up from the home visitor or Part C.
<p>19 Intimate Partner Violence Referrals Percent of primary caregivers with positive screens for IPV who receive referral information to IPV resources.</p>	<p>95% (930/981)</p>	<p>95% (19/20)</p>	<p>94% (50/53)</p>	<p>94% (45/48)</p>	<p>67-100%</p>	<p></p>	<p>Among the 930 IPV screens from 2019 with complete scoring data, 47 or 5% screened positive. One additional case was included from 2018 for a total of 48 in the denominator. Forty-five (45) of 48 caregivers received referral information to IPV resources for an outcome of 94% referred.</p>