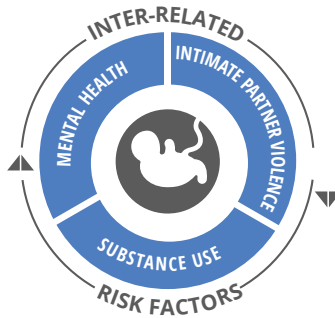


KY-Moms MATR Clients Give Birth to Healthy Babies

The KY-Moms MATR case management program is administered by the Division of Behavioral Health in the Department for Behavioral Health, Developmental and Intellectual Disabilities; KY-Moms MATR (502) 564-4456/ (800) 374-9146



Babies born to KY-Moms MATR clients are at risk for negative birth outcomes

The overall goal of KY-Moms: Maternal Assistance Towards Recovery (MATR) is to increase positive birth outcomes for high-risk pregnant women in Kentucky by reducing inter-related risks for substance use/misuse, mental health problems, and partner abuse and violence, which could potentially have a negative impact on the health of the pregnant mother, fetal development, and birth outcomes.

The Kentucky Vital Statistics birth event data set was used to examine birth outcomes of KY-Moms MATR clients and their babies compared to mothers in the state who did not participate in the study.^a Below are characteristics that differ significantly between the two groups:

AGE		EDUCATION**		MARITAL STATUS***		COMMUNITY**		SMOKING***	
27	28	11%	46%	24%	56%	21%	8%	50%	19%
average age	average age	college degree	college degree	married	married	very rural	very rural	smokers	smokers

■ KY-Moms MATR clients ■ General population of mothers

^a 58 KY-Moms MATR clients and 52,356 mothers in the general population in Kentucky who gave birth between December 2018 and December 2019; **p<.01, ***p<.001.

Note: Responses in the birth event data set may vary from responses in the KY-Moms MATR assessments because the time frames and question wording are different.

No significant differences in birth outcomes for KY-Moms MATR clients compared to the general population of mothers^b



GESTATIONAL AGE

38.7 **38.2**

average weeks average weeks



BIRTH WEIGHT

7lbs, 7oz **7lbs, 3oz**

average birth weight average birth weight



APGAR SCORE

8.7 **8.8**

average score average score



PRENATAL VISITS

12.8 **11.9**

average number of visits average number of visits

^b Each birth outcome was entered as the dependent variable in a separate binary logistic regression model with KY-Moms MATR participation as the predictor variable and the covariates of mother's age, education (i.e., high school diploma or higher), area of residence (metropolitan vs. non-metropolitan county), marital status, and smoking at the time of the birth. The alpha level was set at $p < .01$.

Compared to baseline, clients' risk factors significantly improved at postnatal follow-up^c



REPORTED ANY ILLEGAL DRUG USE***

60% **11%**

at baseline at follow-up



REPORTED ANY ALCOHOL USE***

65% **19%**

at baseline at follow-up



MET CRITERIA FOR COMORBID DEPRESSION AND ANXIETY*

33% **19%**

at baseline at follow-up



REPORTED ANY INTIMATE PARTNER ABUSE***

36% **11%**

at baseline at follow-up

^c 6 months before pregnancy compared to the past 6 months at postnatal follow-up; * $p < .05$, *** $p < .001$.