

Appendix A: Study Variables

Y variables (variable name)	X variables (variable name)	Expected Relationship between X and Y	Summary Statistics (counts for categorical and dummy variables, mean and standard deviation for continuous variables)
[CHILD] has had one or more unmet health need in the past 12 months (UNMET_NEED); This is a dummy variable with “0” for no unmet health needs and “1” if the child experienced an unmet need. 0=2679; 1= 141	Primary household language (PRI_LANG)	This is a dummy variable with “1” for English speaking and “2” for non-English speaking.	1=2660, 2= 160
	Year (YEAR)	This is an intercept dummy variable with “0” for 2007 and “1” for 2011	0=1421; 1=1399
	Family Structure (FAMSTRUCT);	This is a categorical variable with “1” for two parent families (biological, adopted), “2” for step families, and “3” for single mother, no father present, and “4” for other family type. I expect a positive relationship.	1=2113; 2=298; 3=396; 4=13
	Highest grade in school the mother has completed? (EDU_MOM)	This is a categorical variable. With "1" for less than high school, "2" for 12-years/ high school graduate, "3" for more than high school. I expect a positive relationship.	1= 212; 2= 470; 3= 2138
	Was any member of the household employed 50 of the past 52 weeks? (EMPLOYMENT_HH)	This is a dummy variable with “0” for No and “1” for Yes. I expect unmet need will be highest for children in group “0”	0=215, 1=2605

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What is the child's age (AGE_CHILD)	This is a continuous variable for children ages 3-17. I am not sure if pediatric primary care utilization will increase or decrease with age, but I think age of the child is important to include.	mean= 10.6; standard deviation= 4.4, range: [3,17]
What is the child's gender (SEX_CHILD)	This is a categorical variable with "0" is male and "1" is female. Older studies on NSCH data have found that boys tend to have poorer health status than girls.	0=1460; 1= 1360
What is the child's race (RACE_CHILD)	This is a set of dummy variables for Hispanic, White, non Hisp., Black, non Hisp., and Multiracial.	306 = Hispanic; 2203 = white; 94= black, 217 = multiracial/ other
Does the child have a medical home (MEDHOME)	This is a dummy variable with "0" means child does not have a usual place for sick or well care, "1" means the child does have a usual place. I expect the presence of a medical home will be positively associated with use of primary care.	0=122; 1= 2698
In general, how would [you] describe the child's health? (HEALTH_CHILD)	This is a categorical variable with "1" for excellent/very good, "2" for good, and "3" for fair/poor. I expect unmet need will be highest for children in category three.	1=2495;2=266;3=59

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What type of insurance does the child currently have? (INSURANCE_CHILD)	This is a group of dummy variables for public insurance such as Medicaid or LaCHIP, private insurance, and no insurance. I expect incidence rates of unmet need will be higher for public and uninsured children, and incidence rates of primary care use of publicly and privately insured children will be higher than uninsured children.	494 = public, 2136= private, 190= uninsured
Does the current insurance coverage have reasonable out of pocket expenses? (EXPENSE_INSURANCE)	This is a categorical variable. "0" means No out of pocket expenses, "1" means Never/Sometimes, "2" means usually, "3" means always, and "4" means uninsured. I expect unmet need will be higher among children in categories 2 and above.	0=695;1=546;2=762;3=627;4=190
Is the child currently insured? (INSURED_NOTINS)	This is a dummy variable with "1" for yes and "0" for no. I expect unmet need will be more common among uninsured children.	0= 2360; 1= 190

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