

Supplementary Information on Construction of the Birth Cohort

The birth cohort was constructed using de-identified birth records from the National Center for Health Statistics' public use natality and infant death data files. For counties with populations >100,000, these records have indicators for county of residence, which allowed direct selection of birth records for the 87.3% of births in the study cohort born in large counties. To represent births from the 22 low-population counties within the surveillance area, we selected a stratified random sample of births from all counties with populations \leq 100,000 from each state and birth year. The random samples were selected to be comparable to all births in the respective low-population counties within the surveillance area in number of births and maternal age, race and ethnicity. The samples selected from all low-population counties within a state are assumed to represent births in the low-population counties in our surveillance area in terms of the relationships between maternal education and other variables relevant for this study. Because this assumption applies to <15% of the cohort, if violated its effects on the overall findings would be limited.