

**Table 5: NIS-Child Variables Commonly Used in Analyses or for Published Estimates**

<b>Variable</b>	<b>Categories</b>
<b>ID Variables</b>	
SEQNUMC – unique child ID variable	
SEQNUMH – unique household ID variable	
<b>Geographic Variables</b>	
ESTIAP17 – estimation area number (ITRUEIAP used through 2004; ESTIAP in 2005; ESTIAP06 in 2006; ESTIAP07 in 2007; ESTIAP08 in 2008; ESTIAP09 in 2009; ESTIAP10 in 2010; ESTIAP11 in 2011; ESTIAP12 in 2012; ESTIAP13 in 2013; ESTIAP14 in 2014; ESTIAP15 in 2015; ESTIAP16 in 2016; ESTIAP17 in 2017)	
STATE – state FIPS code	Northeast Midwest South West
<b>Child Demographic Variables</b>	
AGEGRP – age category of child	
19-23 months 24-29 months 30-35 months	
RACEETHK – race/ethnicity of child (introduced in 2002; RACEKIDR used in 1995-2001)	
Hispanic White alone, non-Hispanic Black alone, non-Hispanic All other races alone and multiple races, non-Hispanic	
SEX – sex of child	Male Female
FRSTBRN – firstborn status of the child	No Yes
<b>Mother Demographic Variables</b>	
EDUC1 – education of the mother	
<12 years 12 years >12 years, not a college graduate College graduate	
MARITAL2 – marital status of mother (Living with partner response option added to questionnaire in 2015)	
Currently married Never married, widowed, divorced, separated, deceased, or living with partner	
M_AGEGRP2 – age group of mother (introduced in 2016, M_AGEGRP used through 2015)	
<=29 years 30 years or older	
<b>Poverty Variables</b>	
INCPOV1 – poverty status (introduced in 2005; INCPOV1R used through 2004)	
At or above poverty level, income > \$75,000 At or above poverty level, income <= \$75,000 Below poverty level Not determined	
INCPORAR – income-to-poverty ratio (introduced in 2005; INCPORAT used through 2004)	
INCPORAR_I – imputed income-to-poverty ratio (introduced in 2016)	
<b>WIC Variables</b>	

<b>Variable</b>	<b>Categories</b>
CWIC_01 – child ever participated in WIC program	Yes No Never heard of WIC Don't know Refused Missing
CWIC_02 – child currently participating in WIC program	Yes No Don't know Refused Missing
<b>Breastfeeding Variables</b>	
CBF_01 – child ever fed breast milk	Yes No Don't know Missing
BF_ENDR06 – length of time in days child was fed breast milk	
BF_EXCLR06 – length of time in days child was exclusively fed breast milk or formula (introduced in 2006)	
BF_FORMR08 – age in days when child was first fed formula (introduced in 2008; BF_FORMR06 used in 2006 and 2007)	
<b>Chicken Pox Variables</b>	
HAD_CPOX – did child ever have chicken pox (introduced in 2005; I_HADCPX used through 2004)	Yes No Don't know Refused Missing
AGECPOXR – age in months when child had chicken pox (introduced in 2005; IAGECPXR used through 2004)	0-6 months 7-12 months 13-18 months 19-24 months 25-30 months 31 months or older Missing
<b>Presence of Provider Data Variables</b>	
PDAT – adequate provider data indicator	Yes No
<b>Number of Provider-Reported Doses of Vaccine Variables</b>	
P_NUMDTP – total number of DTaP/DTP/DT doses	
P_NUMPOL – total number of polio doses	
P_NUMMMR – total number of MCV doses	
P_NUMHIB – total number of Hib doses	
P_NUMHEP – total number of hepatitis B doses	
P_NUMVRC – total number of varicella doses	
P_NUMPCV – total number of pneumococcal doses	
P_NUMFLU – total number of seasonal influenza doses	
P_NUMHEA – total number of hepatitis A doses	
P_NUMROT – total number of rotavirus doses	
<b>Provider Characteristic Variables</b>	

Variable	Categories
PROV_FAC – provider facility type	All public facilities All hospital facilities All private facilities All military/other facilities Mixed types Unknown
VFC_ORDER – do child's providers order vaccines for children from state/local health department? (introduced in 2006)	All providers Some but not all providers No providers Unknown
REGISTRY – provider(s) reported child's vaccination(s) to state or community immunization registry	All providers Some but not all providers No providers Unknown
Insurance Status Variables	
INS_STAT2_I – child's current health insurance coverage status (introduced in 2017, INS_STAT_I used in 2016)	Private insurance only Any Medicaid Other insurance Uninsured
INS_BREAK_I – child's insurance history since birth (introduced in 2016)	Currently insured but uninsured since birth Currently insured and never uninsured since birth Currently uninsured but insured since birth Currently uninsured and never insured since birth

**Before describing the sections of the public-use data file below, we first summarize the differences between the 2016 and 2017 NIS-Child public-use data files:**

- **Because the 2017 estimation areas differ from those used in prior years, a new 2017 estimation area variable has been added (ESTIAP17) and the 2016 estimation area variable (ESTIAP16) has been dropped. Note that Travis County, Texas, a new estimation area added for 2017, is identified by ESTIAPT17=108. Although data were collected for Guam in 2017, children in this area are not included on the public-use data file in order to protect confidentiality. Data for the U.S. Virgin Islands and Puerto Rico are also not included on the 2017 public-use data file as data collection in these areas was suspended due to Hurricane Maria.**
- **The health insurance status variable INS\_STAT\_I was replaced by a new variable INS\_STAT2\_I, which provides the same information except that children with both private**