Data Sources and Notes

<https://www.cdc.gov/nchs/nhis/nhis_2017_data_release.htm>

Files for each year:

* Household
* Family
* Sample Adult
* Sample Child
* Person

Where do we find…

* Asthma dx for child
* Any dx for anyone
* Demographic info
  + Age, race, gender, Hispanic origin, etc
  + Household demographics
  + Smoking in the house
  + Food insecurity
  + Urban/rural
* Geography—where is the household located and can we map it?
  + **Region** on the *household* file

**From the family file:**

RECTYPE File type identifier

SRVY\_YR Year of National Health Interview Survey

HHX Household Number

FMX Family Number

WTFA\_FAM Weight - Final Annual

WRKCELN Number of working cell phones

FM\_SIZE Size of family

FM\_KIDS # family members under 18 years of age

FM\_ELDR # family members aged 65 and older

FM\_EDUC1 Education of adult with highest education in family

FSRUNOUT Worried food would run out before got money to buy more

FSLAST Food did not last before had money to get more

FSBALANC Could not afford to eat balanced meals

FSSKIP Cut size or skipped meals because not enough money

FSSKDAYS Number of days cut size or skipped meals

FSLESS Eat less than felt should because not enough money

FSHUNGRY Hungry but did not eat because not enough money

SNOTEAT Not eat for a whole day because not enough money for food

INCGRP4 Total combined family income (grouped)

HOUSEOWN Home tenure status

**From the sample adult file:**

RECTYPE File type identifier

SRVY\_YR Year of National Health Interview Survey

HHX Household Number

FMX Family Number

FPX Person Number (Within family)

REGION Region

WTFA\_SA

COPDEV Ever been told you had COPD

AASMEV Ever been told you had asthma

AASSTILL Still have asthma

SMKEV Ever smoked 100 cigarettes

SMKNOW Smoke freq: every day/some days/not at all

SMKSTAT2 Smoking Status: Recode

CIGSDAY Number of cigarettes a day (all current smokers)

ECIGEV2 Ever used electronic cigarettes (e-cig), even once

ECIGCUR2 E-cig freq: every day/some days/not at all

CIGAREV2 Ever smoked a regular cigar, cigarillo, or little filtered cigar, even once

CIGCUR2 Smoke freq:every day/some days/not at all-cigars,cigarillos,or lil' filtered cig

PIPEV2 Ever smoked pipe filled w/tobacco - either pipe,water pipe,or hookah,even once

PIPECUR2 Smoke freq: every day/some days/not at all - either pipes,water pipes,or hookahs

SMKLSTB1 Ever used smokeless tobacco products, even once

SMKLSCR2 Smokeless tobacco freq: every day/some days/not at all

**From the sample child file:**

RECTYPE File type identifier

SRVY\_YR Year of National Health Interview Survey

HHX Household Number

FMX Family Number

FPX Person Number (Within family)

REGION Region

WTFA\_SC weight, final annual

CASHMEV Ever been told SC had asthma

CASSTILL Still have asthma

Steps:

Determine if a household is a smoking household

* If the adult in the sample adult file has SMKSTAT2 indicating that they currently smoke
  + Side note—need to lookup the values of SMKSTAT2 to make sure we flag this correctly
* Set the smoking flag for the household (FMX)
* Keep the individual weight on the file WTFA\_SA

Determine if the child has asthma

* If the child has CASHMEV indicating that the child ever had asthma then we will consider the child to have asthma
* Set the child-with-asthma flag for the household (FMX)
* Keep the individual weight on the file WTFA\_SA