

Final Data Project Codebook: Asthma and Its Risk Factors

The survey data used in this study is from the CDC NHANES (National Health and Nutrition Examination Survey) survey in 2007-2008, the most recent survey year with complete information. The data set is composed of the following NHANES data files:

- Questionnaire / Air Quality (AQQ_E.xpt),
- Demographics (DEMO_E.xpt),
- Questionnaire / Income (INQ_E.xpt)
- Questionnaire / Medical Conditions (MCQ_E.xpt)
- Questionnaire / Occupation (OCQ_E.xpt)
- Questionnaire / Physical Activity (PAQ_E.xpt)
- Questionnaire / Respiratory Health (RHQ_E.xpt)
- Questionnaire / Smoking – Cigarette Use (SMQ_E.xpt)
- Questionnaire / Smoking – Household Smokers (SMQFAM_E.xpt)
- Questionnaire / Smoking – Recent Tobacco Use (SMQRTU_E.xpt).

Variable Name	Variable Description	Type	Values	Recoded Values	Source File
SEQN	Respondent Sequence Number				Demographics
FEMALE	Gender of sample person	Cat (Bin)	1 = Male 2 = Female	0 = Male 1 = Female	Demographics
AGE	Age in years, at the time of the screening interview	Continuous	0 - 79 >80 marked as "80"		Demographics
BADAIR	Bad air quality change activities	Cat (Bin)	1 = Yes 2 = No 3 = Never thought/informed bad air quality 9 = Don't know	0 = No 0 = No 0 = No	Air Quality
INCOME	Family monthly income	Categorical	1 = \$0 - \$399 2 = \$400 - \$799 3 = \$800 - \$1249		Income

			4 = \$1250 - \$1649 5 = \$1650 - \$2099 6 = \$2100 - \$2899 7 = \$2900 - \$3749 8 = \$3750 - \$4599 9 = \$4600 - \$5399 10 = \$5400 - \$6249 11 = \$6250 - \$8399 12 = \$8400 and over 77 = Refused 99 = Didn't know		
ASTHMA	Still have asthma	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Medical Condition
OVERWEIGHT	Doctor ever said you were overweight	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Medical Condition
FAMILY	Close relative had asthma	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Medical Condition
SCNDSMKD	Does anyone smoke in the home or at work	Categorical	1 = Yes 2 = No 7 = Refused 9 = Don't know	Binary Variable Composed of OCQ290 and SMD410. Yes value in either included returns Yes	Occupation

OCQ290G	Smell tobacco smoke at work	Categorical	1 = Enter number 2 = Never 7 = Refused 9 = Don't know		Occupation
SMD410	Does anyone smoke in the home?	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Smoking - Household Smokers
DUST	Ever exposed to industrial dust or fumes at work.	Continuous	1 = Yes 2 = No 7 = Refused 9 = Don't know	Binary Variable Composed of OCQ510, 530, 550, 570.	Occupation
OCQ510	Ever had work exposure to mineral dusts?	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Occupation
OCQ530	Ever had work exposure to organic dusts?	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Occupation
OCQ550	Ever exposed to exhaust fumes at work?	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Occupation
OCQ570	Ever had work exposure to other fumes?	Cat (Bin)	1 = Yes 2 = No 7 = Refused 9 = Don't know	0 = No	Occupation

ACTIVE	Hours Daily Work or Recreational Activity	Continuous	0 - 173	Continuous Variable Composed of PAD615, PAD630, PAD645, PAD660, PAD675. Results were divided by 60 mins.	Physical Activity
PAD615	Minutes vigorous-intensity work	Continuous	0 - 960 7777 = Refused 9999 = Don't know		Physical Activity
PAD630	Minutes moderate-intensity work	Continuous	10 - 1440 7777 = Refused 9999 = Don't know		Physical Activity
PAD645	Minutes walk/bicycle for transportation	Continuous	10 - 600 7777 = Refused 9999 = Don't know		Physical Activity
PAD660	Minutes vigorous recreational activities	Continuous	10 - 990 7777 = Refused 9999 = Don't know		Physical Activity
PAD675	Minutes moderate recreational activities	Continuous	10 - 720 7777 = Refused 9999 = Don't know		Physical Activity
PAD680	Minutes sedentary activity	Continuous	0 - 1200		Physical Activity

			7777 = Refused 9999 = Don't know		
YRSSMKD	How long have you smoked cigarettes.	Categorical	3 - 77 0 = Never smoked cigarettes regularly	SMD055 subtracted by SMD030.	Smoking - Cigarette Use
SMD030	Age started smoking cigarettes regularly	Continuous	7 - 74 0 = Never smoked cigarettes regularly 80 = 80 years years or older 777 = Refueed 999 = Don't know		Smoking - Cigarette Use
SMD055	Age last smoked cigarettes regularly	Continuous	10 - 78 80 = 80 years years or older 777 = Refueed 999 = Don't know		Smoking - Cigarette Use