

Data Source with Asthma Content: National Health and Nutrition Examination Survey (NHANES)

The NHANES is a program of studies designed to assess the health and nutritional status of adults and children in the United States. The survey is unique in that it combines interviews and physical examinations.

Administered by the National Center for Health Statistics (NCHS), CDC.

Sampling Frame and Methodology:

- Continuous beginning in 1999 with data release every 2 years; previously periodic (1959-1962, 1963-1965, 1966-1970, 1971-1975, 1976-1980, 1982-1984, 1988-1994)
- In home health interview; examination component in mobile examination center (MEC)
- Nationally representative sample (about 5,000 annually)
- Geography: National estimates only (15 counties visited annually)

Respiratory Health Content and Age Group Covered by Year:

- Questionnaire component:
 - Allergy 1+years (2005-2006)
 - Respiratory health and disease 1+years (1999-2010)
 - Smoking and tobacco use 20+years (1999-2010)
 - MEC questionnaire on tobacco use 12-19 years (1999-2010)
 - CAPI tobacco use 20+years (1999-2010)
- Examination/lab component (1999-present):
 - Exhaled nitric oxide 6-79 years (2007-2010)
 - Spirometry 6-79 years (2007-2010)
 - Immunoglobulin E 1+years (2005-2006)
 - Cotinine 3+years (1999-2010)

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Website and Data Access Information:

[Website: http://www.cdc.gov/nchs/nhanes.htm](http://www.cdc.gov/nchs/nhanes.htm)

[Questionnaires, Datasets, and Related Documentation: http://www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm](http://www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm)

Related Resources:

[National Report on Human Exposure to Environmental Chemicals: http://www.cdc.gov/exposurereport/](http://www.cdc.gov/exposurereport/)

[Stored biologic specimens, including serum and DNA samples: http://www.cdc.gov/nchs/nhanes/genetics/stored_specimens.htm](http://www.cdc.gov/nchs/nhanes/genetics/stored_specimens.htm)

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Survey Questions	1999-2000	2001-2002	2003-2004	2005-2006	2007-2008	2009-2010	2011-2012
Respiratory condition questionnaire							
In the past 12 months, has {SP} had problems with coughing?							
[In the past 12 months], how many episodes of th coughing has {SP} had?							
[In the past 12 months], has the wheezing ever been sever enough to limit {your/ SP's} speech to only one or two words at a time between breaths?							
In the past 12 months], {have you/has SP} taken any medication for wheezing or whistling?							
Was the medicine prescribed by a doctor?							
{Do you/Does SP} usually cough on most days for 3 consecutive months or more during the year?							
For how many years {have you/has SP} had this cough?							
{Do you/Does SP} bring up phlegm on most days for 3 consecutive months or more during the year?							
For how many years {have you/has SP} had trouble with phlegm (flem)?							
In the past 12 months, {have you/ has SP} had wheezing or whistling in {your/his/her} chest?							
In the past 12 months, how many attacks of wheezing or whistling {have you/has SP} had?							
[In the past 12 months], how often, on average has {your/SP's} sleep been disturbed because of wheezing?							
In the past 12 months, has {your/SP's} chest sounded wheezy during or after exercise or physical activity?							
In the past 12 months, how many times {have you/has SP} gone to the doctor's office or the hospital emergency room for one or more of these attacks of wheezing or whistling?							
During the past 12 months, how much did you/SP limit {your/his/her} usual activities due to wheezing or whistling?							
During the past 12 months, how many days of work or school did {you/SP} miss due to wheezing or whistling?							
[In the past 12 months], {have you/has SP} had a dry cough at night not counting a cough associated with a cold or chest infection lasting 14 days or more?							
In the past 12 months, {have you/has SP} taken any medication, prescribed by a doctor, for wheezing or whistling?							
During the past 12 months, {have you/has SP} had an episode of hay fever?							
Medical conditions questionnaire							
Has a doctor or other health professional ever told {you/SP} that {you have/s/he/SP has} asthma (az-ma)?							
How old {were you/was SP} when {you were/s/he was} first told {you/he/she} had asthma (az-ma)?							
{Do you/Does SP} still have asthma (az-ma)?							
During the past 12 months, {have you/has SP} had an episode of asthma (az-ma) or an asthma attack?							
[During the past 12 months], {have you/has SP} had to visit an emergency room or urgent care center because of asthma (az-ma)?							
During the past 3 months, {have you/has SP} taken medication prescribed by a doctor or other health professionals for asthma?							

