

## Healthy People 2010 Operational Definition

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**24-6. Increase the proportion of persons with asthma who receive formal patient education, including information about community and self-help resources, as an essential part of the management of their condition.**

<b>National Data Source</b>	National Health Interview Survey (NHIS), CDC, NCHS.
<b>State Data Source</b>	Not identified.
<b>Healthy People 2000 Objective</b>	17.14b (Diabetes and Chronic Disabling Conditions).
<b>Changes since the 2000 Publication</b>	Revised baseline (see Comments). Revised baseline year (see Comments). Revised target (see Comments).
<b>Measure</b>	Percent (age adjusted -- see Comments).
<b>Baseline (Year)</b>	13.3 (2003)
<b>Target</b>	38
<b>Target-Setting Method</b>	Better than the best racial/ethnic subgroup.  For a discussion of target-setting methods, see Part A, section 4.
<b>Numerator</b>	Number of persons who report having *current* asthma and have ever taken a course or class on how to manage their asthma.
<b>Denominator</b>	Number of persons who report having *current* asthma.
<b>Population Targeted</b>	U.S. civilian, noninstitutionalized population.
<b>Questions Used to Obtain the National Baseline Data</b>	From the 2003 National Health Interview Survey:  [NUMERATOR:] For persons under 18 years of age a “yes” response to: <ul style="list-style-type: none"><li>➤ <i>Has {fill S.C. name} EVER taken a course or class on how to manage {his/her} asthma?</i></li><li>➤ <i>Has a doctor or other health professional EVER told you that {fill S.C. name} had asthma?</i></li><li>➤ <i>Does [fill: S.C. name] still have asthma?</i></li></ul>

For persons 18 years of age and older a “yes” response to:

- *Have you ever taken a course or class on how to manage your asthma yourself?*
- *Have you ever been told by a doctor or other health professional that you had asthma?*
- *Do you still have asthma?*

[DENOMINATOR:] Current Asthma:

For persons under 18 years of age a “yes” response to both:

- *Has a doctor or other health professional EVER told you that - - had asthma?*

AND

- *Does [fill: S.C. name] still have asthma?*

For persons aged 18 years and older a “yes” response to both:

- *Have you EVER been told by a doctor or other health professional that you had...asthma?*

AND

- *Do you still have asthma?*

**Expected Periodicity**

Periodic.

**Comments**

Persons are classified as having received formal education on asthma if they reported taking a course or class on self- management. This includes adults who took a course for a child.

There was a methodological change in the numerator and in the denominator from ‘ever’ to ‘current’ asthma (yes to ‘ever asthma’ and yes to ‘still asthma’) to maintain consistency with the Council of State and Territorial Epidemiologists (CSTE) case definition for asthma. In 2001, the question ‘do you still have asthma?’ was added to the NHIS child and adult questionnaires.

In addition children were excluded in previous data presentations. Children are now included in the calculation of this measure.

The ‘do you still have asthma’ question was not asked in 1998 or 1999. Consequently, the baseline year has been changed to 2003 when both the numerator and denominator questions were asked in the same year. The original baseline of 8.4

percent was revised to 13.3. The target of 30 percent was proportionally adjusted to 38 percent to reflect the revised baseline using the original target-setting method.

Data are age adjusted to the 2000 standard population using the age groups under 18 years, 18-44, 45-54, 55-64, 65-74, and 75 years and over. These age groups were revised when the measure was changed from measuring ages 18+ to measuring all ages. The age adjustment groups were previously 18-24, 25-34, 35-44, 45-64, and 65+. Age-adjusted rates are weighted sums of age-specific rates. For a discussion of age adjustment, see Part A, section 7.

This objective tracks the same measure as Healthy People 2000 objective 17.14b; however, the data to monitor objective 17.14b were not age-adjusted and changes to the methodology that have been made since then (see above) affect comparability.

For some measures, data do not meet the criteria for statistical reliability, data quality, or confidentiality and have been suppressed. Information on suppression of data for the major Healthy People 2010 data systems has been published in a *Healthy People Statistical Note*.<sup>1</sup>

See Part C for a description of NHIS and Appendix A for focus area contact information.

## References

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1. Klein, R.J.; Proctor, S.E.; Boudreault, M.A.; Turczyn, K.M. Healthy People 2010 Criteria for Data Suppression. *Statistical Notes* No. 24. Hyattsville, MD: National Center for Health Statistics. 2002.