

## Healthy People 2010 Operational Definition

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**24-7. Increase the proportion of persons with asthma who receive appropriate asthma care according to the NAEPP guidelines.**

**24-7a. Persons with asthma who receive written asthma management plans from their health care provider.**

<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>	Not applicable.
<b>Changes since the 2000 Publication</b>	Revised baseline (see Comments). Revised target (see Comments).
<b>Measure</b>	Percent (age adjusted -- see Comments).
<b>Baseline (Year)</b>	33 (2002)
<b>Target</b>	40
<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 who received asthma management plans from their health care provider.
<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 2002 National Health Interview Survey:  [NUMERATOR:] Written asthma management plan For persons under 18 years of age Yes to: ➤ <i>Has a doctor or other health professional EVER</i>

*given {fill S.C. name} an asthma management plan?*

AND yes to both:

- *Has a doctor or other health professional EVER told you that {fill S.C. name} had asthma?*
- *Does {fill S.C. name} still have asthma?*

For persons aged 18 years and older: Yes to

- *Has a doctor or other health professional EVER given you an asthma management plan?*

AND yes to both:

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

[DENOMINATOR:]

Number of persons who report having current asthma

For persons under 18 years of age:

Yes to both:

- *Has a doctor or other health professional EVER told you that {fill S.C. name} had asthma?*
- *Does {fill S.C. name} still have asthma?*

For persons aged 18 years and older:

Yes to both:

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

**Expected Periodicity**

Periodic.

**Comments**

Persons are classified as having received a written asthma management plan if they responded “yes” to the question on receiving a management plan listed above under Numerator.

There was a methodological change in the numerator and in the denominator from ‘ever’ asthma plus either an asthma attack or reporting still having asthma 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. The original baseline of 32 percent was changed to

33 due to the change in methodology. The baseline year was not changed. The target was proportionally adjusted from 38 to 40 percent to reflect the revised baseline using the original target setting methodology.

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. Age-adjusted rates are weighted sums of age-specific rates. For a discussion on age adjustment, see Part A, section 7.

Objective 24-7 moved from developmental to measurable during the Healthy People 2010 Midcourse Review. Data from the NHIS became available to monitor all six subobjectives.

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.