

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

24-7d. Persons with asthma who receive medication regimens that prevent the need for more than one canister of short-acting inhaled beta agonists per month for relief of symptoms.

National Data Source	National Health Interview Survey (NHIS), CDC, NCHS.
State Data Source	Not identified.
Healthy People 2000 Objective	Not applicable.
Changes since the 2000 Publication	Revised baseline (see Comments). Revised target (see Comments).
Measure	Percent (age adjusted -- see Comments).
Baseline (Year)	86 (2003)
Target	94
Target-Setting Method	Better than the best racial/ethnic subgroup. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of persons with current asthma who do not use quick relief inhalers or who used less than three canisters in the past three months.
Denominator	Number of persons who report having current asthma.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used to Obtain the National Baseline Data	From the 2003 National Health Interview Survey: [NUMERATOR:] For persons under 18 years of age: No to any of the following: <ul style="list-style-type: none">➤ <i>Has [fill: SC name] EVER used a PRESCRIPTION inhaler?</i>

OR

- *DURING THE PAST 3 MONTHS, has [fill: SC name] used the kind of PRESCRIPTION inhaler THAT YOU BREATHE IN THROUGH YOUR MOUTH, that gives QUICK relief from asthma symptoms?*

OR

- *DURING THE PAST 3 MONTHS did [fill: SC name] use more than three canisters of this type of inhaler?*

For persons aged 18 years and older:

No to any of the following:

- *Have you ever used a PRESCRIPTION inhaler?*

OR

- *DURING THE PAST 3 MONTHS, have you used the kind of PRESCRIPTION inhaler THAT YOU BREATHE IN THROUGH YOUR MOUTH, that gives QUICK relief from asthma symptoms?*

OR

- *DURING THE PAST 3 MONTHS did you use more than three canisters of this type of inhaler?*

[DENOMINATOR:]

Number of persons who report 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 medication regimens that prevent the need for more than one canister of short-acting inhaled beta agonists per month for relief of asthma if they responded 'no' to using any inhaled quick relief medication or 'no' to using more than three canisters of quick relief inhalers in the past three months.

There was a methodological change in the numerator from including those taking a preventive medication to including those who do not overuse rescue medication. In 2001 the question 'do you still

have asthma?” was added to the NHIS child and adult questionnaires. The original baseline of 80 percent was changed to 86 due to these two changes in methodology. The baseline year did not change. The target was proportionally adjusted from 92 to 94 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 sub-objectives.

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*¹

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

References

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.