

## Healthy People 2010 Operational Definition

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### 24-9. Reduce the proportion of adults whose activity is limited due to chronic lung and breathing problems.

<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>	2.5 (1997)
<b>Target</b>	1.9
<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 aged 45 years and older who report activity limitation due to a chronic lung or breathing problem in the past year.
<b>Denominator</b>	Number of persons aged 45 years and older who report activity limitation in the past year.
<b>Population Targeted</b>	U.S. civilian, noninstitutionalized population.
<b>Questions Used to Obtain the National Baseline Data</b>	From the 1997 National Health Interview Survey:  [NUMERATOR:] ➤ <i>What condition or health problem causes (person) limitation?</i> [Response categories include:] <i>Lung/breathing problem</i> [If yes:] ○ <i>How long have you had (lung/breathing problem)?</i>  [DENOMINATOR:]

*I am now going to ask you about (your/the) general health ( /of family members) and the effects of any physical, mental, or emotional health problems.*

- *Because of a physical, mental, or emotional problem (do/does) (you/anyone) in the family need the help of other persons with PERSONAL CARE NEEDS, such as eating, bathing, dressing, or getting around inside the home?*
- *Because of a physical, mental, or emotional problem (do/does) (you/anyone) in the family need the help of other persons in handling ROUTINE NEEDS, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?*
- *Does a physical, mental, or emotional problem NOW keep (you/any family member aged 18 and older) from working at a job or business?*
- *(Are/Is) (you/anyone) in the family aged 18 and older) limited in the kind OR amount of work (you/they) can do because of a physical, mental, or emotional problem?*
- *Because of a health problem (do/does) (you/anyone) in the family have difficulty walking without using any special equipment?*
- *(Are/Is) (you/anyone) in the family LIMITED IN ANY WAY in any activities because of difficulty remembering or because (you/they) experience periods of confusion?*
- *(Are/Is) (you/anyone) in the family LIMITED IN ANY WAY in any activities because of physical, mental, or emotional problems?*

**Expected Periodicity**

Periodic.

**Comments**

Adults aged 45 years and older are defined as being limited in activity due to a chronic lung or breathing problem if they respond "yes" to any of the limitation questions listed above in the Denominator section and report that the reason for the limitation is a chronic lung or breathing problem. An adult is considered to have a chronic lung/breathing problem if they report having the condition for 3 months or more.

Data are age adjusted to the 2000 standard population using the age groups 45-49, 50-64, and 65 years and over. Age-adjusted rates are weighted sums of age-specific rates. For a discussion on age adjustment, see Part A, section 7.

The original baseline of 2.2 percent was preliminary and was revised to 2.5 percent when the final

analysis was completed. The target was proportionally adjusted from 1.5 percent to 1.9 percent to reflect the revised baseline using the original target-setting method.

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.