

Healthy People 2010 Operational Definition

27-9. Reduce the proportion of children who are regularly exposed to tobacco smoke at home.

National Data Source	National Health Interview Survey (NHIS), CDC, NCHS.
State Data Source	Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP. (See State Operational Definition, below.)
Healthy People 2000 Objective	3.8 (Tobacco).
Changes since the 2000 Publication	None
Measure	Percent.
Baseline (Year)	27 (1994)
Target	10
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 children aged 6 years and under living in households where a household resident smoked inside the home at least 4 days a week.
Denominator	Number of children aged 6 years and under.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used To Obtain the National Baseline Data	From the 1994 National Health Interview Survey: <ul style="list-style-type: none">➤ <i>Does ANYONE who lives here smoke cigarettes, cigars, or pipes ANYWHERE INSIDE this home?</i>➤ <i>On the average, about how many days per week is there smoking ANYWHERE INSIDE this home?</i>
Expected Periodicity	Periodic.
Comments	Only households with children aged 6 years and under are used in the calculation.

The baseline data year was changed to 1998 because the questions used to obtain the data were modified in 1998. The original baseline data (1994) would not have been comparable to data from 1998 onward. However, the original baseline year, 1994, was later reinstated because the questions used to obtain the 1994 data were asked in later years. Data from 1998 were then dropped because a different set of questions had been used to obtain the 1998 estimates.

This objective is identical to Healthy People 2000 objective 3.8.

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.

State Operational Definition

27-9. Reduce the proportion of children who are regularly exposed to tobacco smoke at home.

State Data Source	Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP.
National Data Source	National Health Interview Survey (NHIS), CDC, NCHS.
Measure	Percent (age adjusted—see Comments).
Numerator	Number of persons aged 18 years and older living in households with children under age 5 who report that anyone (self or others) smoked cigarettes, cigars, or pipes anywhere inside the home in the past 30 days.
Denominator	Number of persons age 18 years and older with at least one child who is less than 5 years old who lives in the household.
Population Targeted	State-specific civilian, non-institutionalized adult population residing in households with telephones (see Comments).
Questions Used To Obtain the State Baseline Data	<p>From the 1998 Behavioral Risk Factor Surveillance System:</p> <p>[NUMERATOR:]</p> <ul style="list-style-type: none">➤ <i>In the past 30 days has anyone, including yourself, smoked cigarettes, cigars, or pipes anywhere inside your home?</i> <p>[DENOMINATOR:]</p> <ul style="list-style-type: none">➤ <i>How many children live in your household who are</i><ol style="list-style-type: none">a. <i>less than 5 years old?</i>b. <i>5 through 12 years old?</i>c. <i>13 through 17 years old?</i>
Expected Periodicity	Periodic.
Comments	Data for this objective are collected using an optional module of the BRFSS, which is made available to States for administration annually. The number of States that select the Tobacco Use

Prevention module varies every year. In, 1998, 12 states used the optional Tobacco Use Prevention module.

National data from the NHIS and state data from the BRFSS may not be comparable for a number of reasons, including mode of question administration, context of questions, question wording, and survey sampling frame.

Data (except those by education status) are age adjusted to the 2000 standard population using the age groups 18-24, 25-34, 35-44, 45-64, and 65 years and over. Data by education status are age adjusted using the age groups 25-34, 35-44, 45-64, and 65 and over. Age-adjusted percents are weighted sums of age-specific percents. For a discussion of age adjustment, see Part A, section 7.

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 www.cdc.gov/brfss for a description of BRFSS 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.