

Healthy People 2010 Operational Definition

27-1. Reduce tobacco use by adults.

27-1b. Spit tobacco.

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	Not applicable.
Changes since the 2000 Publication	Revised baseline (see Comments).
Measure	Percent (age adjusted—see Comments).
Baseline (Year)	2.5 (1998)
Target	0.4
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 18 years and older who report using snuff or chewing tobacco at least 20 times in their lifetime and now use it everyday or some days.
Denominator	Number of persons aged 18 years and older.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used To Obtain the National Baseline Data	From the 1998 National Health Interview Survey: <ul style="list-style-type: none">➤ <i>Have you used snuff such as Skoal, Skoal Bandits, or Copenhagen at least 20 times in your entire life?</i> [If yes:]<ul style="list-style-type: none">○ <i>Do you now use snuff everyday, some days, or not at all?</i>➤ <i>Have you ever used chewing tobacco such as Redman, Levi Garrett, or Beechnut at least 20 times</i>

in your entire life?

[If yes:]

- *Do you now use chewing tobacco everyday, some days, or not at all?*

Expected Periodicity Periodic.

Comments

Persons are classified as using either snuff or chewing tobacco if they answer “yes” to either use of snuff or use of chewing tobacco, and they report using the snuff or chewing tobacco “everyday” or “some days.”

For State data, the 1998 BRFSS (Optional Module) contains questions similar, but not identical, to NHIS questions.

The original baseline of 2.6 percent was revised to 2.5 percent due to a change in programming methodology. The baseline of 0.4 percent did not change.

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 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

27-1. Reduce tobacco use by adults.

27-1b. Spit tobacco.

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 18 years and older who report using snuff or chewing tobacco at least 20 times in their lifetime and now use it everyday or some days.
Denominator	Number of persons aged 18 years and older.
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> <ul style="list-style-type: none">➤ <i>Have you ever used or tried any smokeless tobacco products such as chewing tobacco or snuff?</i><ol style="list-style-type: none">1. <i>Yes, chewing tobacco</i>2. <i>Yes, snuff</i>3. <i>Yes, both</i>4. <i>No, neither</i>7. <i>DK/NS</i>9. <i>Refused</i>➤ <i>Do you currently use any smokeless tobacco products such as chewing tobacco or snuff?</i><ol style="list-style-type: none">1. <i>Yes, chewing tobacco</i>2. <i>Yes, snuff</i>3. <i>Yes, both</i>4. <i>No, neither</i>7. <i>DK/NS</i>9. <i>Refused</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 Smokeless Tobacco Use module varies every year. In 1998, 13 States used the optional Smokeless Tobacco Use 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.

Persons are considered as using either snuff or chewing tobacco if they have used snuff or chewing tobacco (or both) at least 20 times in their lifetime and they answer “yes” to using either snuff or chewing tobacco or both now.

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.