

Healthy People 2010 Operational Definition

21-5. Reduce periodontal disease.

21-5b. Destructive periodontal disease.

National Data Source	National Health and Nutrition Examination Survey (NHANES), CDC, NCHS.
State Data Source	Not identified.
Healthy People 2000 Objective	Adapted from 13.6 (Oral Health).
Changes since the 2000 Publication	None.
Measure	Percent.
Baseline(Year)	22 (1988–94)
Target	14
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 aged 35 to 44 years with a clinical diagnosis of destructive periodontal disease.
Denominator	Number of persons aged 35 to 44 years.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used To Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Periodic.
Comments	Destructive periodontal disease is the loss of attachment greater than or equal to 4mm in one or more sites as measured at the mid-facial and mesial facial line angles on each tooth in two randomly selected quadrants, one in the maxillary (upper) arch and one in the mandibular (lower) arch. These two quadrants include one randomly selected quadrant in the maxillary arch and one quadrant in

the mandibular arch.

Although a similar measurement is used to track the comparable Healthy People 2000 objective 13.6, published data for the Healthy People 2000 objective were restricted to employed adults, while the Healthy People 2010 data covers all noninstitutionalized persons aged 35 to 44 years.

A description of the clinical protocol used to diagnose destructive periodontal disease in Healthy People 2000 has been published by NCHS.¹

Baseline data for the American Indian/Alaska Native population are from the 1999 Oral Health Survey of Native Americans. The Indian Health Service (IHS) collects data approximately every 10 years on the American Indian/Alaska Native population. Data are collected on clinic users to assess the oral health status and treatment needs of the IHS service area population. The data reflect a weighted sample.

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*.²

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

References

1. Vargas, C.; Schober, S.; and Gift, H. Operational definitions for year 2000 objectives: Priority area 13, Oral Health. *Healthy People 2000 Statistical Notes*, No. 12. Hyattsville, MD: National Center for Health Statistics (NCHS), 1997.
2. 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.