

Healthy People 2010 Operational Definition

21-8. Increase the proportion of children who have received dental sealants on their molar teeth.

21-8a. Children aged 8 years.

National Data Source	National Health and Nutrition Examination Survey (NHANES), CDC, NCHS.
State Data Source	Not identified.
Healthy People 2000 Objective	13.8 (Oral Health).
Changes since the 2000 Publication	None.
Measure	Percent.
Baseline (Year)	23 (1988–94)
Target	50
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 8 years with a clinical confirmation of dental sealants applied to one or more permanent molars.
Denominator	Number of children aged 8 years with at least one permanent molar.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used To Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Periodic.
Comments	A description of the clinical protocol used to confirm evidence of protective dental sealants has been published by NCHS. ¹ Baseline data for the Native Hawaiian and other Pacific Islander population are from the 1999

Hawai'i Children's Oral Health Assessment. The Hawaii State Department of Health collects oral health data of school children periodically (previously in 1998). In 1999 25,553 school children aged 5 - 11 years were surveyed. Data were collected by calibrated examiners from a representative sample of Hawaii children attending public schools.

Objective 21-8 tracks the same measures as Healthy People 2000 objective 13.8, which monitored the use of dental sealants in children aged 8 and 14 years of age.

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.