

Healthy People 2010 Operational Definition

14-4. Reduce bacterial meningitis in young children.

National Data Source	Active Bacterial Core Surveillance (ABCs), CDC, NCIRD, Emerging Infections Program Network.
State Data Source	Not identified.
Healthy People 2000 Objective	Adapted from 20.7 (Immunization and Infectious Diseases).
Changes since the 2000 Publication	None.
Measure	Rate per 100,000 population.
Baseline (Year)	13.0 (1998)
Target	8.6
Target-Setting Method	34 percent improvement. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of laboratory culture confirmed cases with bacterial meningitis in children aged 1 to 23 months.
Denominator	Number of children aged 1 to 23 months.
Population Targeted	Resident population in the eight States with specific regions under surveillance (see Comments).
Questions Used To Obtain the National Baseline Data	CDC Active Surveillance Bacterial Meningitis and Bacteremia Case Report, Form 52.15A.
Expected Periodicity	Annual.
Comments	A laboratory culture-confirmed case of bacterial meningitis is defined as either the isolation of <i>Haemophilus influenzae</i> , <i>Neisseria meningitidis</i> , group B <i>Streptococcus</i> , groups A <i>Streptococcus</i> , or <i>Streptococcus pneumoniae</i> from cerebral spinal fluid or a positive culture of <i>Haemophilus influenzae</i> , <i>Neisseria meningitidis</i> , group B <i>Streptococcus</i> , groups A <i>Streptococcus</i> , or <i>Streptococcus pneumoniae</i> from a different normally sterile site (blood, pleural fluid, etc.) and a clinical diagnosis of

meningitis.¹

ABCs is an active and laboratory-based case surveillance system. Data are collected from acute care hospitals and reference laboratories for laboratory-confirmed cases as well as from case report forms.

Data are based on surveillance of selected regions in eight States: California, Connecticut, Georgia, Maryland, Minnesota, New York, Oregon, and Tennessee.

This measure is a modification of Healthy People 2000 objective 20.7, which tracked bacterial meningitis for all ages using the Bacterial Meningitis Surveillance System, CDC, NCID. This measure tracks bacterial meningitis for children aged 1 to 23 months using ABCs.

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 Appendix A for focus area contact information.

References

1. Centers for Disease Control and Prevention (CDC). Case definitions for infectious conditions under public health surveillance. *Morbidity and Mortality Weekly Report* 46 (RR-10), 1997. (Updated case definitions can be found at: <http://www.cdc.gov/epo/dphsi/casedef/>).
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.