

## Healthy People 2010 Operational Definition

---

### 14-5. Reduce invasive pneumococcal infections.

#### New invasive infections

#### 14-5a. Children under age 5 years.

<b>National Data Source</b>	Active Bacterial Core Surveillance (ABCs), CDC, NCIRD, Emerging Infections Program Network.
<b>State Data Source</b>	Not identified.
<b>Healthy People 2000 Objective</b>	Adapted from 20.10 (Immunization and Infectious Diseases).
<b>Changes since the 2000 Publication</b>	Revised baseline (see Comments).
<b>Measure</b>	Rate per 100,000 population.
<b>Baseline (Year)</b>	77 (1997)
<b>Target</b>	46
<b>Target-Setting Method</b>	Better than the best racial/ethnic subgroup.  For a discussion of target-setting methods, see Part A, section 4.
<b>Numerator</b>	Number of children under age 5 years with a laboratory-confirmed invasive pneumococcal infection in the past 12 months (see Comments).
<b>Denominator</b>	Number of children under age 5 years.
<b>Population Targeted</b>	Resident population in the eight States with specific regions under surveillance (see Comments).
<b>Questions Used To Obtain the National Baseline Data</b>	CDC Active Surveillance Bacterial Meningitis and Bacteremia Case Report, Form 52.15A.
<b>Expected Periodicity</b>	Annual.
<b>Comments</b>	An invasive pneumococcal infection is defined as a laboratory-confirmed isolation of <i>Streptococcus pneumoniae</i> from a normally sterile site (blood, cerebral spinal fluid, etc.). <sup>1</sup>  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. Data for Alaska Natives are measured by the Arctic Investigations Program, CDC.

The original baseline was revised from 76 new cases per 100,000 population to 77 new cases per 100,000 as the result of changes in methodology. The original target of 46 new cases per 100,000 did not change.

This measure is a modification of Healthy People 2000 objective 20.10, which tracked restricted activity days among children under age 5 years using the National Health Interview Survey (NHIS), CDC, NCHS. This objective tracks the incidence of pneumococcal infections among children under age 5 years 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*.<sup>2</sup>

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.