

Healthy People 2010 Operational Definition

14-8. Reduce Lyme Disease

National Data Source	National Notifiable Diseases Surveillance System (NNDSS), CDC, NCPHI.
State Data Source	National Notifiable Diseases Surveillance System (NNDSS), CDC, NCPHI.
Healthy People 2000 Objective	Not applicable.
Changes since the 2000 Publication	None.
Measure	Rate per 100,000 population (5-year average).
Baseline (Year)	17.4 (1992-96)
Target	9.7
Target-Setting Method	44 percent improvement. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of reported cases of confirmed Lyme disease.
Denominator	Number of persons.
Population Targeted	Resident population (selected States in endemic regions-see Comments).
Questions Used To Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Annual.
Comments	Effective in January 2008, the Council of State and Territorial Epidemiologists expanded the National Surveillance Case Definition for Lyme disease to include “probable” as well as “confirmed” cases. ^{1, 2} To assure comparability with earlier years, only confirmed cases are considered for purposes of tracking the 2010 objective.

Baseline rates reflect incidence of confirmed cases

in 10 highly-endemic reference states: Connecticut, Delaware, Maryland, Massachusetts, Minnesota, New Jersey, New York, Pennsylvania, Rhode Island, and Wisconsin.

Of note, two years after the HP 2010 objective for Lyme disease was promulgated, the only vaccine for Lyme disease licensed by the Food and Drug Administration was removed from the market by the manufacturer, reportedly due to poor sales. The absence of a viable vaccine for Lyme disease posed a significant obstacle to meeting the Healthy People 2010 target.

Data were unavailable by gender for Pennsylvania in 1992-93. Therefore, Pennsylvania was excluded from baseline estimates by gender.

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*.³

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

References

1. Available at: <http://www.cste.org/PS/2007ps/2007psfinal/ID/07-ID-11.pdf>
2. Centers for Disease Control and Prevention (CDC). Case definitions for infectious conditions under public health surveillance. *Morbidity and Mortality Weekly Report* 46 (RR-10), 2008. (http://www.cdc.gov/osels/ph_surveillance/nndss/casedef/lyme_disease_2008.htm).
3. 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.