

Healthy People 2010 Operational Definition

14-28. Increase hepatitis B vaccine coverage among high-risk groups.

14-28c. Occupationally exposed workers.

National Data Source	Periodic Vaccine Coverage Surveys, CDC, NCPDCID (See Comments).
State Data Source	Not identified.
Healthy People 2000 Objective	20.11 (Immunization and Infectious Diseases) (also 10.9).
Changes since the 2000 Publication	Revised baseline (see Comments). Revised target (see Comments).
Measure	Percent.
Baseline (Year)	67 (1995)
Target	93
Target-Setting Method	38 percent improvement. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of health care workers reported by participating facilities to have received at least three doses of hepatitis B vaccine.
Denominator	Number of health care workers employed at participating facilities.
Population Targeted	U.S. health care worker population.
Questions Used To Obtain the National Baseline Data	From the 1995 Vaccine Coverage Survey: ^{1,2} <ul style="list-style-type: none">➤ <i>How many full-time and part-time staff who had direct contact with patients were employed at your center?</i>➤ <i>How many of these staff had ever received at least 3 doses of hepatitis B vaccine?</i>
Expected Periodicity	Periodic.

Comments

The methodology on measuring this objective has been previously published.^{1, 2}

The original baseline was revised from 71 percent to 67 percent due to changes in survey methodology. The target was proportionally adjusted from 98 percent to 93 percent to reflect the revised baseline using the original target-setting method.

This subobjective tracks a similar measure to one monitored by Healthy People 2000 objective 20.11 (hepatitis B immunizations of health care workers).

See Appendix A for focus area contact information.

References

1. Mahoney, F.J.; Stewart, K.; Hu, H.; et al. Progress toward the elimination of hepatitis B virus transmission among health care workers in the United States. *Archives of Internal Medicine* 157: 2601-2605, 1997.
2. Agerton, T.B.; Mahoney, F.J.; Polish, L.B.; et al. Impact of the bloodborne pathogens standard on vaccination of healthcare workers with hepatitis B vaccine. *Infection Control and Hospital Epidemiology* 16: 287-291, 1995.