

## Healthy People 2010 Operational Definition

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### 14-21. Reduce vancomycin use among intensive care unit patients.

<b>National Data Source</b>	National Nosocomial Infections Surveillance System (NNIS), CDC, NCPDCID.
<b>State Data Source</b>	Not identified.
<b>Healthy People 2000 Objective</b>	Adapted from 20.5 (Immunization and Infectious Diseases).
<b>Changes since the 2000 Publication</b>	Revised text (see Comments). Revised baseline (see Comments). Revised target (see Comments).
<b>Measure</b>	Rate per 1,000 days' use.
<b>Baseline (Year)</b>	106.4 (1996-2003)
<b>Target</b>	85.1
<b>Target-Setting Method</b>	20 percent improvement.  For a discussion of target-setting methods, see Part A, section 3.
<b>Numerator</b>	Number of defined daily doses of vancomycin used by all patients hospitalized in all types of intensive care units.
<b>Denominator</b>	Number of days of all the patients that are hospitalized in the ICU (number of patient-days).
<b>Population Targeted</b>	Acute care general hospital patient population.
<b>Questions Used To Obtain the National Baseline Data</b>	CDC National Nosocomial Infections Surveillance System Antimicrobial Use and Resistance Component Monthly Report Form.
<b>Expected Periodicity</b>	Annual or biennial.
<b>Comments</b>	Grams of specific antibiotics used in intensive care units are based on reports by participating NNIS hospitals. Defined daily dose estimates are available for most FDA-approved antimicrobial agents, including vancomycin.  Data may not be representative of all U.S. hospitals. For each year of data collection, not all participating

hospitals are necessarily represented. The appropriateness of antibiotic therapies is not addressed in this measure.

The original text was revised as the result of changes in survey instrument. The original baseline and baseline year were revised from 150 daily doses per 1,000 patient days in 1995 to 106.4 in 1996-2003 as the result of changes in survey instrument. The target was proportionally adjusted from 120 daily doses per 1,000 patient days to 85.1 to reflect the revised baseline using the original target-setting method.

This objective is a modification of Healthy People 2000 objective 20.5, which tracked the urinary tract infection rates per 1,000 device days among patients by specific type of intensive care unit categories (surgical ICUs, medical ICUs, and pediatric ICUs).

See Appendix A for focus area contact information.