

## Healthy People 2010 Operational Definition

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**14-29. Increase the proportion of adults who are vaccinated annually against influenza and ever vaccinated against pneumococcal disease.**

**Institutionalized adults (persons in long-term care or nursing homes).**

**14-29f. Pneumococcal vaccine.**

<b>National Data Source</b>	National Nursing Home Survey (NNHS), CDC, NCHS.
<b>State Data Source</b>	Not identified.
<b>Healthy People 2000 Objective</b>	20.11 (Immunization and Infectious Diseases).
<b>Changes since the 2000 Publication</b>	None.
<b>Measure</b>	Percent (age adjusted-see Comments).
<b>Baseline (Year)</b>	25 (1997)
<b>Target</b>	90
<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 persons 18 years and older in long-term care facilities and nursing homes reported to have ever received a pneumococcal vaccination.
<b>Denominator</b>	Number of persons 18 years and older in long-term care facilities and nursing homes.
<b>Population Targeted</b>	U.S. resident population (see Comments).
<b>Questions Used To Obtain the National Baseline Data</b>	From the 1997 National Nursing Home Survey:  ➤ <i>Has (Name) ever had a pneumococcal vaccine, that is, a pneumonia vaccination?</i>
<b>Expected Periodicity</b>	Periodic.

## Comments

Data are from the population residing in long-term care facilities or nursing homes and exclude residents in facilities providing only room and board or serving special health problems such as mental retardation or alcoholism.

Vaccination status is ascertained by the staff member completing the survey based on available records; sampled residents are not queried.

Data (except those for people with chronic conditions) are age adjusted to the 2000 standard population using the age groups 18-24, 25-34, 35-44, 45-64, 65-74, and 75 years and over. Data for people with chronic conditions are adjusted using the age groups 18-24, 25-34, 35-44, 45-49, 50-64, 65-74, and 75 years and over. Age-adjusted rates are weighted sums of age-specific rates. For a discussion on age adjustment, see Part A, section 7.

This objective is a modification of Healthy People 2000 objective 20.11, which tracked influenza vaccinations in the past 12 months as well as pneumococcal vaccinations ever received among institutionalized chronically ill persons or older persons. The Healthy People 2010 objective tracks persons aged 18 and older in long-term care facilities and nursing homes. The Healthy People 2010 data are age adjusted; data used to track objective 20.11 were not age-adjusted.

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>1</sup>

See Appendix A for focus area contact information.

## References

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1. 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.