

## Healthy People 2010 Operational Definition

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### **28-14. Increase the proportion of persons who have had a hearing examination on schedule.**

#### **28-14b. Adults aged 70 years and older who have had a hearing examination within the past 5 years.**

<b>National Data Source</b>	National Health and Nutrition Examination Survey (NHANES), CDC, NCHS.
<b>State Data Source</b>	Not identified.
<b>Healthy People 2000 Objective</b>	Not applicable.
<b>Changes since the 2000 Publication</b>	New subobjective (see Comments). Revised baseline (see Comments). Revised baseline years (see Comments). Revised target (see Comments).
<b>Measure</b>	Percent.
<b>Baseline (Year)</b>	38 (1999-2002)
<b>Target</b>	41
<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 aged 70 years and older who report they have had a hearing exam within the past 5 years.
<b>Denominator</b>	Number of persons aged 70 years and older.
<b>Population Targeted</b>	U.S. civilian, noninstitutionalized population.
<b>Questions Used To Obtain the National Baseline Data</b>	From the 1999-2000 National Health and Nutrition Examination Survey:  ➤ <i>About how long has it been since you last had your hearing tested?</i> <ul style="list-style-type: none"><li>- <i>Less than 1 year ago</i></li><li>- <i>1 year to 4 years ago</i></li><li>- <i>More than 4 years ago</i></li><li>- <i>Never</i></li></ul>

**Expected Periodicity**      Periodic.

**Comments**

The numerator for this objective is estimated by all adults who responded “yes” to having their hearing tested “less than 1 year ago” or “1 year to 4 years ago.”

Objective 28-14 moved from developmental to measurable status at the Healthy People 2010 Midcourse Review. Three subobjectives, targeting different age groups, were created. Subobjective 28-14a focuses on ages 20-69, 28-14b targets ages 70 years and older, and 28-14c targets adolescents aged 12 to 19 years.

The original baseline of 37 percent was calculated using 2 years of NHANES data (1999-2000). The baseline was revised to 38 percent when data for the period 1999-2002 became available. The target of 40 percent was adjusted to 41 percent to reflect the revised baseline using the original target-setting methodology.

For some objectives, 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 Part C for a description of NHANES and 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.