

Healthy People 2010 Operational Definition

3-13. Increase the proportion of women aged 40 years and older who have received a mammogram within the preceding 2 years.

National Data Source	National Health Interview Survey (NHIS), CDC, NCHS.
State Data Source	Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP. (See State Operational Definition, below).
Healthy People 2000 Objective	16.11 (Cancer).
Changes since the 2000 Publication	None.
Measure	Percent (age adjusted—see Comments).
Baseline (Year)	67 (1998)
Target	70
Target-Setting Method	Better than the best racial/ethnic subgroup. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of women aged 40 years and older who report receiving a mammogram within the past 2 years.
Denominator	Number of women aged 40 years and older.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used To Obtain the National Baseline Data	From the 1998 National Health Interview Survey: ➤ <i>A mammogram is an x-ray taken only of the breasts by a machine that presses the breast against a plate. Have you ever had a mammogram?</i> [If yes:] ➤ <i>When did you have your most recent mammogram? Was it a year ago or less, more than 1 year but not more than 2 years, more than 2 years but not more than 3 years,</i>

more than 3 years but not more than 5 years, or over 5 years ago?

Expected Periodicity

Periodic.

Comments

In the 1999 and 2000 NHIS, a specific time interval question was asked only if the respondent did not specify time.

Data (except those by education status) are age adjusted to the 2000 standard population using the age groups 40-49, 50-64, 65-74, 75 years and over. Age-adjusted percents are weighted sums of age-specific percents. For a discussion of age adjustment, see Part A, section 7.

Although similar questions are used to measure this objective and the comparable Healthy People 2000 objective 16.11, the Healthy People 2010 focuses solely on mammograms received by women 40 years and older while the Healthy People 2000 objective measured women 50 years and older who received both mammograms and clinical breast examinations. Additionally, the data for the Healthy People 2010 objective are age adjusted while data for the Healthy People 2000 objective are unadjusted rates.

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*.¹

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

References

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.

State Operational Definition

3-13. Increase the proportion of women aged 40 years and older who have received a mammogram within the preceding 2 years.

State Data Source	Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP.
National Data Source	National Health Interview Survey (NHIS), CDC, NCHS.
Measure	Percent (age adjusted—see Comments).
Numerator	Number of women aged 40 years and older who report that they have had a mammogram within the past 2 years.
Denominator	Number of women aged 40 years and older.
Population Targeted	State-specific civilian, non-institutionalized adult population residing in households with telephones (see Comments).
Questions Used To Obtain the State Baseline Data	<p>From the 1998 Behavioral Risk Factor Surveillance System:</p> <p>[NUMERATOR:]</p> <ul style="list-style-type: none">➤ <i>A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram?</i>➤ <i>How long has it been since you had your last mammogram?</i><ul style="list-style-type: none">a. <i>Within the past year (1 to 12 months ago)</i>b. <i>Within the past 2 years (1 to 2 years ago)</i>c. <i>Within the past 3 years (2 to 3 years ago)</i>d. <i>Within the past 5 years (3 to 5 years ago)</i>e. <i>5 or more years ago</i>f. <i>Don't know/Not sure</i>g. <i>Refused</i>
Expected Periodicity	Annual.
Comments	<p>Data for this objective are collected using the core component of the BRFSS. Thus the data are available for all 50 states and the District of Columbia.</p> <p>National data from the NHIS and state data from the</p>

BRFSS may not be comparable for a number of reasons, including mode of question administration, context of questions, question wording, and survey sampling frame.

Data (except those by education status) are age adjusted to the 2000 standard population using the age groups 40-49, 50-64, 65-74, 75 years and over. Data by education status are age adjusted using the age groups 40-49, 50-64, 65-74, and 75 and over. Age-adjusted percents are weighted sums of age-specific percents. For a discussion of age adjustment, see Part A, section 7.

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*.¹

See www.cdc.gov/brfss for a description of BRFSS and Appendix A for focus area contact information.

References

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.