

Use of mammography among women 40 years of age and over, by selected characteristics: United States, selected years 1987-2005

(Data are based on household interviews of a sample of the civilian noninstitutionalized population)

Characteristic	1987	1990	1994	1998	2000	2003	2005
Percent of women having a mammogram within the past 2 years <sup>1/</sup>							
40 years and over, age-adjusted <sup>2/,3/</sup> .....	29.0	51.7	61.0	67.0	70.4	69.5	66.6
40 years and over, crude <sup>2/</sup> .....	28.7	51.4	60.9	66.9	70.4	69.7	66.8
50 years and over, age-adjusted <sup>2/,3/</sup> .....	27.3	49.8	60.9	69.0	73.7	72.4	68.2
50 years and over, crude <sup>2/</sup> .....	27.4	49.7	60.6	68.9	73.6	72.4	68.4
Age							
40-49 years.....	31.9	55.1	61.3	63.4	64.3	64.4	63.5
50-64 years.....	31.7	56.0	66.5	73.7	78.7	76.2	71.8
65 years and over.....	22.8	43.4	55.0	63.8	67.9	67.7	63.8
65-74 years.....	26.6	48.7	63.0	69.4	74.0	74.6	72.5
75 years and over.....	17.3	35.8	44.6	57.2	61.3	60.6	54.7
Race <sup>4/</sup>							
40 years and over, crude:							
White only.....	29.6	52.2	60.6	67.4	71.4	70.1	67.4
Black or African American only.....	24.0	46.4	64.3	66.0	67.8	70.4	64.9
American Indian or Alaska Native only.....	*	43.2	65.8	45.2	47.4	63.1	72.8
Asian only.....	*	46.0	55.8	60.2	53.5	57.6	54.6
Native Hawaiian or Other Pacific Islander only.....	---	---	---	---	*	*	*
2 or more races.....	---	---	---	---	69.2	65.3	63.7
Hispanic origin and race <sup>4/</sup>							
40 years and over, crude:							
Hispanic or Latina.....	18.3	45.2	51.9	60.2	61.2	65.0	58.8
Not Hispanic or Latina.....	29.4	51.8	61.5	67.5	71.1	70.1	67.5
White only.....	30.3	52.7	61.3	68.0	72.2	70.5	68.3
Black or African American only.....	23.8	46.0	64.4	66.0	67.9	70.5	65.2
Age, Hispanic origin, and race <sup>4/</sup>							
40-49 years:							
Hispanic or Latina.....	*15.3	45.1	47.5	55.2	54.1	59.4	54.2
Not Hispanic or Latina:							
White only.....	34.3	57.0	62.0	64.4	67.2	65.2	65.5
Black or African American only.....	27.8	48.4	67.2	65.0	60.9	68.2	62.1
50-64 years:							
Hispanic or Latina.....	23.0	47.5	60.1	67.2	66.5	69.4	61.5
Not Hispanic or Latina:							
White only.....	33.6	58.1	67.5	75.3	80.6	77.2	73.5
Black or African American only.....	26.4	48.4	63.6	71.2	77.7	76.2	71.6
65 years and over:							
Hispanic or Latina.....	*	41.1	48.0	59.0	68.3	69.5	63.8
Not Hispanic or Latina:							
White only.....	24.0	43.8	54.9	64.3	68.3	68.1	64.7
Black or African American only.....	14.1	39.7	61.0	60.6	65.5	65.4	60.5
Age and percent of poverty level <sup>5/</sup>							
40 years and over, crude:							
Below 100%.....	14.5	30.8	44.2	50.1	54.8	55.4	48.5
100%-less than 200%.....	20.9	39.1	48.6	56.1	58.1	60.8	55.3
200%-less than 400%.....	29.7	53.3	65.0	67.4	68.8	69.9	67.2
400% or more.....	42.9	68.7	74.1	76.8	81.5	77.7	76.6

40-49 years:							
Below 100%.....	18.4	32.2	43.0	44.8	47.4	50.6	42.5
100%-less than 200%.....	18.4	39.0	47.6	46.9	43.6	54.0	49.8
200%-less than 400%.....	31.2	55.2	64.5	61.8	60.2	63.0	61.8
400% or more.....	44.1	68.9	69.9	72.7	75.8	71.6	73.6
50-64 years:							
Below 100%.....	14.4	29.9	46.2	52.7	61.7	58.3	50.4
100%-less than 200%.....	24.2	39.8	49.0	61.8	68.3	64.0	58.8
200%-less than 400%.....	29.7	56.2	69.6	71.1	75.1	74.1	70.7
400% or more.....	44.7	71.6	78.0	83.4	86.9	84.9	80.6
65 years and over:							
Below 100%.....	13.1	30.8	43.9	51.9	54.8	57.0	52.3
100%-less than 200%.....	19.9	38.6	48.8	57.8	60.3	62.8	56.1
200%-less than 400%.....	27.7	47.4	61.0	69.5	71.1	72.3	68.6
400% or more.....	34.7	61.2	73.0	71.1	81.9	73.0	72.6
Health insurance status at the time of interview6/							
40-64 years:							
Insured.....	---	---	68.3	72.3	76.0	75.1	72.5
Private.....	---	---	69.4	73.4	77.1	76.3	74.5
Medicaid.....	---	---	54.5	59.7	61.7	63.5	55.6
Uninsured.....	---	---	34.0	40.1	40.7	41.5	38.1
Health insurance status prior to interview6/							
40-64 years:							
Insured continuously all 12 months.....	---	---	68.6	73.0	76.8	75.6	73.1
Uninsured for any period up to 12 months.....	---	---	49.9	47.6	53.0	56.0	51.3
Uninsured more than 12 months.....	---	---	26.6	36.3	34.0	37.0	32.9
Age and education7/							
40 years and over, crude:							
No high school diploma or GED.....	17.8	36.4	48.2	54.5	57.7	58.1	52.8
High school diploma or GED.....	31.3	52.7	61.0	66.7	69.7	67.8	64.9
Some college or more.....	37.7	62.8	69.7	72.8	76.2	75.1	72.7
40-49 years:							
No high school diploma or GED.....	15.1	38.5	50.4	47.3	46.8	53.3	51.2
High school diploma or GED.....	32.6	53.1	55.8	59.1	59.0	60.8	58.8
Some college or more.....	39.2	62.3	68.7	68.3	70.6	68.1	68.3
50-64 years:							
No high school diploma or GED.....	21.2	41.0	51.6	58.8	66.5	63.4	56.9
High school diploma or GED.....	33.8	56.5	67.8	73.3	76.6	71.8	70.1
Some college or more.....	40.5	68.0	74.7	79.8	84.2	82.7	77.0
65 years and over:							
No high school diploma or GED.....	16.5	33.0	45.6	54.7	57.4	56.9	50.7
High school diploma or GED.....	25.9	47.5	59.1	66.8	71.8	69.7	64.3
Some college or more.....	32.3	56.7	64.3	71.3	74.1	75.1	73.0

\*Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) of 20%-30%. Data not shown have an RSE greater than 30%.

--Data not available.

1/Questions concerning use of mammography differed slightly on the National Health Interview Survey across the years for which data are shown. See Appendix II, Mammography.

2/Includes all other races not shown separately, unknown poverty level in 1987, unknown health insurance status, and unknown education level.

3/Estimates for women 40 years and over are age-adjusted to the year 2000 standard population using four age groups: 40-49 years, 50-64 years, 65-74 years, and 75 years and over. Estimates for women 50 years and over are age-adjusted using three age groups. See Appendix II, Age adjustment.

4/The race groups, white, black, American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and 2 or more races, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Starting with 1999 data, race-specific estimates are tabulated according to the 1997 Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. The five single-race categories plus multiple-race categories shown in the table conform to the 1997 Standards. Starting with 1999 data, race-specific estimates are for persons who reported only one racial group; the category 2 or more races includes persons who reported more than one racial group. Prior to 1999, data were tabulated according to the 1977 Standards with four racial groups and the Asian only category included Native Hawaiian or Other Pacific Islander. Estimates for single-race categories prior to 1999 included persons who reported one race or, if they reported more than one race, identified one race as best representing their race. Starting with 2003 data, race responses of other race and unspecified multiple race were treated as missing, and then race was imputed if these were the only race responses. Almost all persons with a race response of other race were of Hispanic origin. See Appendix II, Hispanic origin; Race.

5/Percent of poverty level is based on family income and family size and composition using U.S. Census Bureau poverty thresholds.

Poverty level was unknown for 11% of women 40 years of age and over in 1987.

Missing family income data were imputed for 19%-23%

of women 40 years of age and over in 1990-1994 and 34%-38% in 1998-2005.

See Appendix II, Family income; Poverty.

6/Health insurance categories are mutually exclusive. Persons who reported both Medicaid and private coverage are classified as having private coverage. Starting with 1997 data, state-sponsored health plan coverage is included as Medicaid coverage. Starting with 1999 data, coverage by the State Children's Health Insurance Program (SCHIP) is included as Medicaid coverage. In addition to private and Medicaid, the insured category also includes military plans, other government-sponsored health plans, and Medicare, not shown separately. Persons not covered by private insurance, Medicaid, SCHIP, public assistance (through 1996), state-sponsored or other government-sponsored health plans (starting in 1997), Medicare, or military plans are considered to have no health insurance coverage. Persons with only Indian Health Service coverage are considered to have no health insurance coverage. See Appendix II, Health insurance coverage.

7/Education categories shown are for 1998 and subsequent years. GED stands for General Educational Development high school equivalency diploma.

In years prior to 1998 the following categories based on number of years of school completed were used: less than 12 years, 12 years, 13 years or more. See Appendix II, Education.

NOTES: Some numbers have been revised and differ from previous editions of *Health, United States*.

Standard errors are available in the spreadsheet version of this table.

Available from: <http://www.cdc.gov/nchs/hus.htm>.

Data starting in 1997 are not strictly comparable with data for earlier years due to the 1997 questionnaire redesign. See Appendix I, National Health Interview Survey.

Data for additional years are available. See Appendix III.

SOURCES: CDC/NCHS, National Health Interview Survey. Data are from the following supplements: cancer control (1987), health promotion and disease prevention (1990-1991), and year 2000 objectives (1993-1994). Starting in 1998, data are from the family core and sample adult questionnaires.