Table CanBrTest. Use of mammography among women aged 40 and over, by selected characteristics: United States, selected years 1987-2019

Excel version (with more data years and standard errors when available): https://www.cdc.gov/nchs/hus/contents2020-2021.htm\#Table-CanBrTest
[Data are based on household interviews of a sample of the civilian noninstitutionalized population]

| Characteristic | 1987 | 1993 | 1999 | 2000 | 2005 | 2008 | 2010 | 2015 | 2018 | 2019 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| Total, 40 years and over, age adjusted ${ }^{2,3}$ | 29.0 |
| :---: | :---: |
| Total, 40 years and over, crude ${ }^{2}$ | 28.7 |
| Total, 50 years and over, age adjusted ${ }^{2,3}$ | 27.3 |
| Total, 50 years and over, crude ${ }^{2}$ | 27.4 |
| Age group |  |
| 40-49 years | 31.9 |
| 50-74 years. | 29.9 |
| 50-64 years | 31.7 |
| 65 years and over | 22.8 |
| $65-74$ years.. | 26.6 |
| 75 years and over. | 17.3 |

Percent of women having a mammogram within past 2 years ${ }^{1}$

| 59.7 | 70.3 | 70.4 | 66.6 | 67.1 | 66.5 | 64.0 | 65.6 | 67.5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 59.7 | 70.3 | 70.4 | 66.8 | 67.6 | 67.1 | 65.3 | 66.7 | 69.1 |
|  |  |  |  |  |  |  |  |  |
| 59.7 | 72.1 | 73.7 | 68.2 | 70.3 | 68.8 | 67.2 | 67.9 | 71.6 |
| 59.7 | 71.9 | 73.6 | 68.4 | 70.5 | 69.2 | 67.8 | 68.5 | 72.1 |
|  |  |  |  |  |  |  |  |  |
| 59.9 | 67.2 | 64.3 | 63.5 | 61.5 | 62.3 | 58.3 | 61.5 | 60.2 |
| 64.8 | 75.7 | 77.2 | 72.0 | 73.8 | 72.4 | 71.6 | 72.9 | 76.5 |
| 65.1 | 76.5 | 78.7 | 71.8 | 74.2 | 72.6 | 71.3 | 71.8 | 75.7 |
| 54.2 | 66.8 | 67.9 | 63.8 | 65.5 | 64.4 | 63.3 | 64.8 | 68.1 |
| 64.2 | 73.9 | 74.0 | 72.5 | 72.6 | 71.9 | 72.2 | 75.0 | 78.1 |
| 41.0 | 58.9 | 61.3 | 54.7 | 57.9 | 55.7 | 51.5 | 50.6 | 54.2 |

Race ${ }^{4}$
40 years and over, crude

| White only......................... | 29.6 | 60.0 | 70.6 | 71.4 | 67.4 | 67.9 | 67.4 | 65.3 | 67.3 | 69.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Black or African American only....... | 24.0 | 59.1 | 71.0 | 67.8 | 64.9 | 68.0 | 67.9 | 69.8 | 68.1 | 71.1 |
| American Indian or Alaska Native only...................... | * | 49.8 | 63.0 | 47.4 | 72.8 | 62.7 | 71.2 | 51.5 | 65.3 | 61.3 |
| Asian or Pacific Islander only ......... | * | 55.1 | ... | ... | ... | ... | ... | ... | ... | ... |
| Asian only...................... | ... | ... | 58.3 | 53.5 | 54.6 | 66.1 | 62.4 | 59.7 | 57.8 | 63.7 |
| Native Hawaiian or Other Pacific Islander only......... | $\ldots$ | $\ldots$ | * | * | * | * | * | * | * | * |
| 2 or more races .................... | $\ldots$ | $\ldots$ | 70.2 | 69.2 | 63.7 | 55.2 | 51.4 | 62.7 | 59.8 | 65.6 |
| Hispanic origin and race ${ }^{4}$ |  |  |  |  |  |  |  |  |  |  |
| 40 years and over, crude: |  |  |  |  |  |  |  |  |  |  |
| Hispanic or Latina .................. | 18.3 | 50.9 | 65.7 | 61.2 | 58.8 | 61.2 | 64.2 | 60.9 | 62.7 | 69.4 |
| Not Hispanic or Latina ............... | 29.4 | 60.3 | 70.7 | 71.1 | 67.5 | 68.3 | 67.4 | 65.9 | 67.3 | 69.1 |
| White only. | 30.3 | 60.6 | 71.1 | 72.2 | 68.3 | 68.7 | 67.8 | 65.8 | 68.0 | 69.4 |
| Black or African American only..... | 23.8 | 59.2 | 71.0 | 67.9 | 65.2 | 68.3 | 67.4 | 69.7 | 68.6 | 70.8 |
| American Indian or |  |  |  |  |  |  |  |  |  |  |
| Alaska Native only............... | --- | --- | 62.6 | 48.0 | 73.1 | 59.2 | 74.5 | 56.6 | 69.3 | 54.2 |
| Asian only....................... | $\ldots$ | $\ldots$ | 58.2 | 53.3 | 54.6 | 66.5 | 62.5 | 60.0 | 58.5 | 64.0 |
| Native Hawaiian or Other Pacific Islander only |  |  | * | * | * | * | * | * | * |  |

Age and Hispanic origin and race ${ }^{4}$

| 40-49 years: |  |
| :---: | :---: |
| Hispanic or Latina | *15.3 |
| Not Hispanic or Latina: |  |
| White only. | 34.3 |
| Black or African American only. | 27.8 |
| Asian only. |  |
| 50-64 years: |  |
| Hispanic or Latina | 23.0 |
| Not Hispanic or Latina: |  |
| White only. | 33.6 |
| Black or African American only. | 26.4 |
| Asian only.. |  |
| 65 years and over: |  |
| Hispanic or Latina | * |
| Not Hispanic or Latina: |  |
| White only.. | 24.0 |
| Black or African American only. | 14.1 |
| Asian only....... | $\ldots$ |

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[Data are based on household interviews of a sample of the civilian noninstitutionalized population]

| Characteristic | 1987 | 1993 | 1999 | 2000 | 2005 | 2008 | 2010 | 2015 | 2018 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age and percent of poverty level ${ }^{5}$ |  |  |  |  |  |  |  |  |  |


| Age and education ${ }^{7}$ |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 40 years and over, crude: |  |  |  |  |  |  |  |  |  |  |
| No high school diploma or GED . . . . . | 17.8 | 46.4 | 56.7 | 57.7 | 52.8 | 53.8 | 53.0 | 51.7 | 54.0 | 59.8 |
| High school diploma or GED . . . . . . . . | 31.3 | 59.0 | 69.2 | 69.7 | 64.9 | 65.2 | 64.4 | 60.1 | 63.2 | 65.7 |
| Some college or more . ............... | 37.7 | 69.5 | 77.3 | 76.2 | 72.7 | 73.4 | 72.1 | 70.5 | 70.9 | 72.7 |
| 40-49 years: |  |  |  |  |  |  |  |  |  |  |
| No high school diploma or GED.... | 15.1 | 43.6 | 48.8 | 46.8 | 51.2 | 46.9 | 44.9 | 43.8 | 46.2 | 55.6 |
| High school diploma or GED ....... | 32.6 | 56.6 | 60.8 | 59.0 | 58.8 | 57.2 | 58.4 | 47.5 | 58.1 | 55.7 |
| Some college or more | 39.2 | 66.1 | 74.4 | 70.6 | 68.3 | 66.3 | 66.5 | 64.0 | 64.9 | 62.6 |
| 50-64 years: |  |  |  |  |  |  |  |  |  |  |
| No high school diploma or GED.... | 21.2 | 51.4 | 62.3 | 66.5 | 56.9 | 64.9 | 56.7 | 58.1 | 63.0 | 69.7 |
| High school diploma or GED . . . . . . | 33.8 | 62.4 | 77.2 | 76.6 | 70.1 | 70.4 | 69.9 | 67.0 | 67.0 | 71.9 |
| Some college or more | 40.5 | 78.5 | 81.2 | 84.2 | 77.0 | 78.5 | 77.0 | 75.3 | 75.4 | 78.3 |
| 65 years and over: |  |  |  |  |  |  |  |  |  |  |
| No high school diploma or GED.... | 16.5 | 44.2 | 56.6 | 57.4 | 50.7 | 49.2 | 54.1 | 50.8 | 51.0 | 54.5 |
| High school diploma or GED ....... | 25.9 | 57.4 | 68.4 | 71.8 | 64.3 | 65.7 | 62.5 | 60.0 | 62.3 | 65.1 |
| Some college or more . . . . . . . . . . . . | 32.3 | 64.8 | 77.1 | 74.1 | 73.0 | 75.6 | 70.9 | 69.8 | 70.5 | 74.0 |
| Level of difficulty ${ }^{8}$ |  |  |  |  |  |  |  |  |  |  |
| A lot of difficulty or cannot do at all .... | --- | --- | --- | --- | --- | --- | 59.0 | 54.2 | 56.9 | 59.1 |
| Some difficulty . | --- | --- | --- | --- | --- | --- | 66.7 | 66.8 | 67.2 | 68.4 |
| No difficulty . . . . . . . . . . . . . . . . . . . . . . . | --- | --- | --- | --- | -- | --- | 68.9 | 68.6 | 69.4 | 72.4 |

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[Data are based on household interviews of a sample of the civilian noninstitutionalized population]

* Estimates are considered unreliable. Starting with 2018 data, the reliability of survey percentage estimates is assessed using new multistep National Center for Health Statistics data presentation standards for proportions. Before 2018 data, the reliability of estimates was evaluated based on relative standard errors (RSEs). Data preceded by an asterisk have an RSE of 20\%-30\%. Data not shown have an RSE greater than 30\%. For more information, see Sources and Definitions, Relative standard error (RSE); Statistical reliability of estimates.


## . Category not applicable.

-- - Data not available.
Questions about use of mammography differ slightly on the National Health Interview Survey across survey years. See Sources and Definitions, Mammography; National Health Interview Survey (NHIS).
${ }^{2}$ Includes all other races not shown separately and those with unknown poverty level (1987), unknown health insurance status, unknown education level, and unknown disability (functional limitation) status.
${ }^{3}$ Estimates for women aged 40 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 aged 50
 presented elsewhere if different age groups are used in the adjustment procedure. See Sources and Definitions, Age adjustment.
${ }^{4}$ The race groups White, Black, American Indian or Alaska Native, Asian or Pacific Islander, Asian, Native Hawaiian or Other Pacific Islander, and 2 or more races include people of Hispanic and non-Hispanic origin People 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. Starting with 1999 data, race-specific estimates are for people who reported only one racial group; the category 2 or more races includes people who reported more than one racial group. These data include separate estimates for non-Hispanic Asian and non-Hispanic Native Hawaiian or Other Pacific Islander groups. Before 1999, data were tabulated with four racial groups according to the 1977 standards and included a combined Asian or Pacific Islander category. Estimates for single-race categories before 1999 included people who reported one
 race is imputed if these were the only race responses. Almost all people with a race response of other race are of Hispanic origin. See Sources and Definitions, Hispanic origin; Race.
 family income data are imputed for 1997 and beyond. See Sources and Definitions, Family income; Poverty.
${ }^{6}$ Health insurance categories are mutually exclusive. People 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 Children's Health Insurance Program (CHIP) is included as Medicaid coverage. In addition to private and Medicaid, the insured category includes military plans, other government-sponsored health plans, and Medicare. People not covered by private insurance, Medicaid, CHIP, public assistance (through 1996), state-sponsored or other
 health insurance coverage. See Sources and Definitions, Health insurance coverage.
 Education categories shown are for 1998 and subsequent years. GED is high school equins, 13 years or more. See Sources and Definitions, Education.
than 12 years, 12 years, and 13
${ }^{3}$ Functional limitation is defined by the reported level of difficulty in six domains of functioning: seeing (even if wearing glasses), hearing (even if wearing hearing aids), mobility (walking or climbing stairs),



 and Definitions, Functional limitation.

NOTES: In 2016, the U.S. Preventive Services Task Force recommended biennial screening mammography for women aged $50-74$ years. For more information about mammography screening, see https://www. uspreventiveservicestaskforce.org/uspstf/recommendation/breast-cancer-screening and Sources and Definitions, Mammography. Data starting with 1997 are not strictly comparable with data for earlier years due to the 1997 questionnaire redesign. In 2019, the NHIS questionnaire was redesigned and other changes were made to weighting and design methodology. Data for 2019 have not been fully evaluated for
 and Definitions, National Health Interview Survey (NHIS). Data have been revised and differ from previous editions of Health, United States. Standard errors and data for additional years are available in the Excel spreadsheet version of this table on the Health, United States website at: https://www.cdc.gov/nchs/hus/index.htm.
SOURCE: National Center for Health Statistics, National Health Interview Survey. See Sources and Definitions, National Health Interview Survey (NHIS),

