

Trends in Health Insurance and Unmet Medical Need for persons under 65 years of age, in the United States and Selected States from 2004-June 2010

Introduction

The Centers for Disease Control and Prevention's (CDC's) National Center for Health Statistics (NCHS) is releasing selected estimates of health insurance coverage and unmet medical need for the civilian noninstitutionalized U.S. population based on data from the January–June 2010 National Health Interview Survey (NHIS), along with comparable estimates from the 2004–2009 NHIS. Data analyses for the January–June 2010 NHIS were based on 46,164 persons in the Family Core. Tables [1-4](#) present estimates from the NHIS on trends in health insurance and unmet medical need from 2004-June 2010 for persons under 65 years of age. Included are tables showing the percentage of people with unmet medical need; health insurance coverage; private health insurance coverage; and public health insurance coverage for the 20 largest states.

Estimation procedures and response rates

Estimates were calculated using the NHIS survey weights, which are calibrated to Census Bureau totals for the U.S. civilian noninstitutionalized population by sex, age, and race/ethnicity. Weights were derived from 2000 census-based population estimates.

Point estimates and estimates of their variances were calculated using SUDAAN software to account for the complex sample design of NHIS. The Taylor series linearization method was chosen for variance estimation.

State-specific estimates are presented for 20 states. The Taylor series linearization method was chosen for estimation of standard errors for the 10 states with the largest sample sizes (California, Florida, Illinois, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas). Due to small sample sizes and limitations in the NHIS design, estimated standard errors for other states could be unstable or negatively biased. For these other states, an estimated design effect was used to calculate standard errors. For this report the design effect is the ratio of the observed standard error of an estimated percentage (taking the complex sample design into account) to the standard error of the estimated percentage from a hypothetical simple random sample (SRS) based on the same number of persons.

The average design effect for each health insurance measure and domain was estimated by averaging the design effect derived from SUDAAN-based estimates of standard errors for the ten largest states. For this report, standard errors for the other states were estimated by multiplying the SRS standard error by the average design effect for each health insurance measure and domain. The average design effects used as a multiplication factors ranged from 1.27 to 2.64.

Household response rates for the period 2004-2009 and January – June 2010 ranged between 81-87%. In the tables, unknown values (responses coded as “refused”, “not ascertained”, or “don’t know”) were not counted in the denominators when calculating estimates. The item nonresponse rates for the health insurance items are about 1%. Item nonresponse rates for the unmet medical needs questions are around 0.2%.

Definitions

Health insurance coverage

NHIS questions about health insurance are point in time, and the estimates in tables 2-4 pertain to coverage status at the time of interview.

The **Insured** category includes persons who have private health insurance, Medicaid, military coverage, Medicare, Children's Health Insurance Program (CHIP), state-sponsored or other government-sponsored health plan, Medicare (disability), or military plan (TRICARE, Veterans Administration (VA) and CHAMP-VA). A person was not considered to be insured if he or she had only Indian Health Service coverage or only had a private plan that paid for one type of service such as accidents or dental care.

Private coverage includes comprehensive health care coverage obtained through an employer, purchased directly, or obtained through any other means. It excludes plans that pay for only one type of service such as accidents or dental care. A small number of persons were covered by both public and private plans and were included in both categories.

Public coverage includes persons who reported having Medicaid, Children's Health Insurance Program (CHIP), state-sponsored or other government-sponsored health plan, Medicare (disability), or military plan (TRICARE, Veterans Administration (VA) and CHAMP-VA). A small number of persons were covered by both public and private plans and were included in both categories.

Unmet medical need

Unmet medical need is based on a positive answer to either of the following two questions: "During the past 12 months was there any time when a person needed medical care but did not get it because person couldn't afford it?" and "During the past 12 months has medical care been delayed because of worry about the cost?"

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Table 1. Percentage of persons under 65 years of age with unmet medical need, in the United States and selected states, by age group: United States, 2004–June 2010

Age group and State	2004	2005	2006	2007	2008	2009	2010 (January – June)
Percent (standard error)							
Under 65 years							
All states ¹	9.3 (0.16)	9.1 (0.16)	9.7 (0.20)	9.6 (0.19)	11.3 (0.22)	12.4 (0.22)	11.8 (0.24)
Arizona	9.4 (1.01)	11.1 (1.14)	13.2 (1.48)	11.0 (1.31)	14.0 (1.23)	15.4 (1.19)	14.4 (1.54)
California	7.5 (0.40)	6.7 (0.39)	6.1 (0.42)	7.4 (0.40)	8.4 (0.54)	11.4 (0.72)	10.9 (0.41)
Florida	11.4 (0.67)	12.3 (0.83)	12.7 (0.78)	11.1 (0.94)	16.2 (1.21)	14.6 (0.92)	15.8 (0.88)
Georgia	7.3 (0.86)	7.4 (0.89)	7.2 (0.97)	9.6 (1.19)	12.4 (1.13)	13.0 (0.95)	11.8 (0.99)
Illinois	7.6 (0.61)	6.8 (0.54)	8.2 (1.08)	7.7 (0.74)	10.3 (1.28)	9.3 (0.83)	8.3 (1.03)
Indiana	12.0 (1.17)	11.2 (1.15)	11.6 (1.38)	9.7 (1.38)	12.8 (1.27)	17.9 (1.34)	15.3 (1.89)
Maryland	5.8 (0.87)	6.7 (0.97)	6.3 (1.25)	5.3 (1.10)	8.6 (1.15)	9.8 (1.09)	7.7 (1.46)
Massachusetts	7.7 (1.00)	6.6 (0.92)	4.7 (0.99)	5.5 (1.06)	6.2 (0.88)	7.3 (0.88)	5.6 (1.16)
Michigan	8.7 (0.70)	10.3 (0.82)	9.9 (0.70)	12.5 (1.27)	11.8 (1.02)	16.8 (1.39)	12.8 (1.55)
Missouri	8.3 (1.05)	8.4 (1.01)	12.4 (1.62)	11.5 (1.63)	15.4 (1.42)	13.3 (1.15)	14.4 (1.80)
New Jersey	7.3 (0.82)	7.8 (0.88)	5.5 (0.72)	4.3 (0.71)	8.1 (1.02)	8.7 (0.96)	9.5 (1.16)
New York	6.4 (0.49)	5.7 (0.45)	6.1 (0.43)	5.7 (0.57)	6.7 (0.52)	7.2 (0.59)	9.0 (1.05)
North Carolina	9.6 (1.21)	8.9 (0.76)	9.0 (1.10)	9.3 (1.19)	10.9 (0.95)	13.2 (0.97)	13.1 (0.89)
Ohio	9.6 (0.71)	9.8 (0.88)	11.5 (1.01)	10.9 (1.13)	11.9 (1.19)	11.9 (1.07)	12.8 (1.13)
Pennsylvania	7.5 (0.68)	8.4 (0.71)	8.7 (1.20)	9.0 (1.15)	10.7 (0.90)	10.1 (0.72)	10.1 (0.88)
Tennessee	11.7 (1.33)	9.7 (1.23)	10.8 (1.48)	11.9 (1.64)	13.0 (1.34)	11.9 (1.13)	14.7 (1.81)
Texas	11.3 (0.56)	12.1 (0.66)	13.4 (0.81)	13.0 (0.68)	15.7 (0.78)	14.9 (0.84)	14.5 (0.82)
Virginia	8.9 (0.97)	5.4 (0.73)	8.2 (1.09)	8.7 (1.23)	8.6 (0.89)	13.9 (1.05)	11.3 (1.27)
Washington	13.0 (1.22)	12.5 (1.22)	11.3 (1.33)	13.1 (1.54)	13.6 (1.16)	12.1 (1.06)	13.7 (1.51)
Wisconsin	7.6 (1.04)	5.5 (0.86)	8.3 (1.35)	9.4 (1.53)	9.1 (1.16)	14.1 (1.31)	9.1 (1.45)
18-64 years							
All states ¹	11.4 (0.19)	11.0 (0.18)	11.7 (0.23)	11.8 (0.22)	13.6 (0.25)	15.1 (0.25)	14.6 (0.30)
Arizona	11.6 (1.20)	12.7 (1.27)	14.2 (1.61)	13.9 (1.54)	16.6 (1.80)	18.3 (1.87)	17.0 (1.95)
California	9.4 (0.50)	8.0 (0.42)	7.4 (0.52)	9.0 (0.50)	10.2 (0.62)	13.6 (0.75)	13.0 (0.62)
Florida	13.2 (0.74)	14.3 (0.89)	14.7 (0.91)	13.1 (1.02)	18.0 (1.10)	17.8 (1.04)	18.2 (1.14)
Georgia	9.1 (1.01)	9.6 (1.03)	8.6 (1.09)	11.4 (1.33)	14.9 (1.16)	15.0 (1.44)	15.2 (1.23)
Illinois	9.1 (0.71)	7.9 (0.64)	9.9 (1.11)	9.8 (0.90)	12.7 (1.54)	11.9 (1.05)	10.9 (1.54)
Indiana	14.9 (1.35)	14.1 (1.31)	14.7 (1.59)	11.9 (1.57)	14.7 (1.77)	22.4 (2.07)	19.2 (2.39)
Maryland	7.4 (1.04)	8.7 (1.14)	7.7 (1.37)	6.7 (1.29)	10.8 (1.65)	12.3 (1.69)	9.0 (1.77)
Massachusetts	8.9 (1.12)	7.8 (1.05)	6.3 (1.18)	7.1 (1.24)	7.7 (1.30)	9.0 (1.37)	7.5 (1.50)
Michigan	11.0 (0.86)	12.9 (1.04)	12.6 (0.94)	15.6 (1.46)	14.4 (1.11)	21.0 (1.64)	16.7 (1.87)
Missouri	10.1 (1.21)	10.1 (1.13)	15.3 (1.83)	14.2 (1.84)	18.6 (2.04)	17.3 (1.84)	19.3 (2.31)
New Jersey	8.4 (0.95)	9.4 (1.07)	6.7 (0.90)	5.2 (0.81)	9.8 (1.17)	10.8 (1.21)	12.0 (1.48)
New York	7.6 (0.56)	7.0 (0.55)	7.5 (0.52)	6.8 (0.63)	8.0 (0.68)	9.0 (0.70)	10.9 (1.22)
North Carolina	12.1 (1.21)	11.4 (0.79)	11.5 (1.27)	11.9 (1.38)	14.0 (1.41)	16.7 (1.13)	16.6 (0.86)
Ohio	11.9 (0.94)	11.6 (0.92)	14.0 (1.20)	14.2 (1.35)	14.5 (1.46)	15.1 (1.31)	16.1 (1.55)
Pennsylvania	9.1 (0.77)	10.4 (0.76)	10.7 (1.28)	10.6 (1.16)	13.2 (1.14)	12.2 (0.88)	12.6 (1.24)
Tennessee	13.5 (1.48)	12.1 (1.38)	12.9 (1.61)	15.0 (1.84)	15.1 (1.84)	15.3 (1.77)	20.1 (2.35)
Texas	13.3 (0.63)	14.6 (0.73)	15.6 (0.76)	15.6 (0.81)	18.8 (0.92)	17.9 (1.01)	18.0 (0.89)
Virginia	10.5 (1.10)	6.6 (0.83)	10.0 (1.21)	10.5 (1.39)	10.7 (1.01)	16.6 (1.59)	12.8 (1.52)
Washington	16.3 (1.43)	15.5 (1.39)	13.8 (1.54)	16.7 (1.77)	16.9 (1.70)	15.2 (1.68)	17.3 (1.93)
Wisconsin	9.0 (1.15)	6.6 (0.96)	10.5 (1.56)	11.6 (1.75)	11.4 (1.74)	18.0 (2.07)	12.3 (1.94)

¹Includes all 50 states and the District of Columbia.

NOTES: Unmet medical need is based on a positive answer to either of the following two questions: "During the past 12 months was there any time when a person needed medical care but did not get it because person couldn't afford it?" and "During the past 12 months has medical care been delayed because of worry about the cost?" The 2010 health insurance estimates are being released prior to final data editing and final weighting, to provide access to the most recent information from the National Health Interview Survey (NHIS). These estimates are provided along with along with comparable estimates from the 2004–2009 NHIS. Occasionally, due to decisions made for the final data editing and weighting, estimates based on preliminary editing procedures may differ by more than 0.3 percentage points from estimates based on final files.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2004 - 2010, Family Core component. The estimates for 2010 are based on data collected from January through June. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

Table 2. Percentage of persons under 65 years of age who had health insurance coverage at the time of interview, in the United States and selected states, by age group: United States, 2004–June 2010

Age group and State	2004	2005	2006	2007	2008	2009	2010 (January – June)
Percent (standard error)							
Under 65 years							
All states ¹	83.6 (0.24)	84.0 (0.24)	83.2 (0.29)	83.6 (0.29)	83.3 (0.28)	82.5 (0.28)	81.6 (0.47)
Arizona	78.4 (1.70)	77.3 (1.89)	76.2 (2.13)	76.8 (1.83)	80.0 (1.98)	81.7 (1.96)	65.3 (3.01)
California	79.6 (0.74)	81.5 (0.65)	82.2 (0.72)	82.0 (0.65)	80.6 (0.79)	79.5 (0.84)	79.5 (0.84)
Florida	78.3 (1.05)	74.4 (1.36)	76.7 (1.15)	79.3 (1.15)	74.5 (1.36)	76.7 (1.13)	75.7 (1.83)
Georgia	82.2 (1.52)	77.1 (1.78)	79.1 (1.81)	79.3 (1.70)	80.2 (1.17)	79.0 (1.78)	79.4 (1.02)
Illinois	85.6 (0.97)	88.3 (0.87)	85.2 (1.20)	88.3 (1.09)	85.7 (0.97)	85.8 (1.36)	86.0 (2.23)
Indiana	84.0 (1.57)	83.3 (1.69)	81.0 (1.93)	81.7 (1.86)	82.5 (2.01)	80.2 (2.14)	85.0 (2.70)
Maryland	88.3 (1.44)	88.1 (1.56)	87.5 (1.93)	85.5 (1.79)	85.2 (2.03)	84.7 (2.03)	88.2 (2.55)
Massachusetts	92.6 (1.17)	92.6 (1.21)	91.7 (1.48)	93.4 (1.20)	96.6 (0.92)	95.8 (1.04)	95.5 (1.51)
Michigan	89.4 (0.99)	88.1 (1.22)	89.2 (0.87)	88.1 (1.18)	87.8 (1.18)	85.4 (1.32)	85.3 (1.80)
Missouri	87.2 (1.52)	88.3 (1.44)	85.2 (2.00)	83.0 (1.98)	84.5 (1.99)	83.2 (1.96)	81.0 (2.89)
New Jersey	86.1 (1.34)	86.6 (1.38)	87.0 (1.62)	89.0 (1.42)	86.1 (1.58)	86.2 (1.40)	83.9 (2.10)
New York	87.1 (0.85)	88.2 (0.71)	88.4 (0.86)	87.6 (0.95)	87.6 (0.95)	88.5 (0.81)	86.8 (1.01)
North Carolina	82.1 (1.79)	82.5 (1.96)	79.5 (1.76)	80.5 (1.68)	82.5 (1.62)	81.0 (1.65)	76.1 (2.02)
Ohio	88.5 (0.85)	89.0 (0.83)	90.0 (1.12)	87.6 (0.87)	84.8 (1.62)	86.7 (1.19)	83.5 (1.53)
Pennsylvania	88.2 (0.95)	89.6 (1.03)	88.9 (1.06)	90.2 (1.17)	87.3 (1.28)	87.6 (1.42)	84.9 (1.84)
Tennessee	86.7 (1.68)	85.5 (1.81)	84.7 (1.95)	84.5 (1.89)	85.6 (1.95)	83.7 (1.98)	79.7 (2.97)
Texas	72.9 (0.97)	73.4 (0.96)	74.1 (1.34)	75.0 (0.93)	74.7 (1.19)	73.0 (1.17)	73.8 (2.12)
Virginia	86.2 (1.40)	87.9 (1.31)	88.2 (1.46)	86.3 (1.53)	85.8 (1.54)	83.6 (1.73)	84.5 (2.09)
Washington	85.7 (1.51)	87.2 (1.53)	87.0 (1.62)	85.5 (1.67)	85.4 (1.67)	86.4 (1.71)	81.9 (2.43)
Wisconsin	89.7 (1.42)	90.9 (1.34)	88.9 (1.75)	86.9 (1.83)	83.3 (2.10)	88.5 (1.84)	87.4 (2.41)
18-64 years							
All states ¹	80.7 (0.27)	81.1 (0.27)	80.2 (0.33)	80.6 (0.31)	80.3 (0.31)	78.9 (0.32)	77.6 (0.54)
Arizona	76.9 (1.88)	74.0 (2.06)	74.8 (2.41)	73.8 (2.07)	77.5 (2.14)	77.8 (2.26)	63.7 (3.44)
California	75.5 (0.83)	77.5 (0.76)	79.2 (0.84)	77.8 (0.77)	76.0 (0.93)	74.7 (0.97)	74.3 (0.88)
Florida	74.5 (1.15)	71.6 (1.27)	73.2 (1.28)	76.3 (1.21)	71.2 (1.53)	73.2 (1.19)	72.3 (2.21)
Georgia	79.0 (1.69)	72.9 (1.92)	75.3 (2.12)	76.0 (1.89)	75.7 (1.40)	74.8 (1.97)	74.7 (1.42)
Illinois	83.6 (1.01)	86.5 (0.87)	81.8 (1.41)	85.0 (1.36)	81.5 (1.13)	81.2 (1.83)	81.6 (3.10)
Indiana	80.9 (1.78)	80.2 (1.85)	76.6 (2.29)	79.4 (2.06)	79.2 (2.15)	77.9 (2.32)	81.3 (3.27)
Maryland	85.5 (1.66)	85.8 (1.74)	85.7 (2.17)	82.3 (2.07)	82.2 (2.16)	81.4 (2.26)	86.8 (2.89)
Massachusetts	91.3 (1.33)	90.8 (1.40)	89.8 (1.76)	91.8 (1.39)	95.8 (1.04)	94.8 (1.19)	94.3 (1.82)
Michigan	86.9 (1.32)	85.6 (1.37)	86.1 (1.08)	85.4 (1.38)	84.5 (1.28)	81.7 (1.40)	81.2 (2.11)
Missouri	85.2 (1.69)	85.6 (1.63)	82.5 (2.32)	80.4 (2.20)	81.4 (2.16)	79.2 (2.23)	75.0 (3.50)
New Jersey	83.5 (1.55)	83.8 (1.56)	83.9 (1.89)	86.5 (1.65)	83.5 (1.55)	82.4 (1.76)	80.1 (2.50)
New York	84.0 (1.03)	86.0 (0.82)	85.2 (1.08)	85.2 (1.06)	85.3 (1.03)	85.7 (0.96)	84.5 (1.07)
North Carolina	78.8 (1.96)	79.3 (2.31)	75.4 (2.06)	76.9 (1.90)	79.2 (1.75)	75.9 (1.83)	70.4 (2.38)
Ohio	85.8 (0.97)	86.4 (0.98)	88.0 (1.30)	85.2 (1.02)	83.5 (1.59)	83.6 (1.48)	79.5 (1.85)
Pennsylvania	86.6 (1.01)	87.5 (1.00)	86.6 (1.09)	88.7 (1.23)	85.4 (1.28)	85.7 (1.25)	81.2 (1.93)
Tennessee	86.4 (1.76)	83.0 (1.96)	81.5 (2.23)	82.7 (2.05)	83.0 (2.06)	80.5 (2.20)	73.0 (3.60)
Texas	68.6 (1.01)	69.2 (1.12)	71.1 (1.62)	70.4 (1.07)	70.6 (1.35)	68.5 (1.22)	67.6 (2.58)
Virginia	84.6 (1.54)	86.4 (1.41)	86.6 (1.65)	83.9 (1.66)	83.5 (1.53)	80.6 (1.90)	80.5 (2.49)
Washington	82.8 (1.73)	84.0 (1.73)	83.1 (2.01)	82.3 (1.91)	81.7 (1.87)	82.2 (2.02)	77.6 (2.93)
Wisconsin	88.7 (1.52)	89.8 (1.45)	86.0 (2.11)	82.5 (2.19)	85.2 (2.05)	86.6 (2.07)	84.6 (2.94)

¹Includes all 50 states and the District of Columbia.

NOTES: private health insurance, Medicaid, military coverage, Medicare, Children's Health Insurance Program (CHIP), state-sponsored or other government-sponsored health plan, Medicare (disability), or military plan (TRICARE, Veterans Administration (VA) and CHAMP-VA). A person was not considered to be insured if he or she had only Indian Health Service coverage or only had a private plan that paid for one type of service such as accidents or dental care. These 2010 health insurance estimates are being released prior to final data editing and final weighting, to provide access to the most recent information from the National Health Interview Survey (NHIS). These estimates are provided along with along with comparable estimates from the 2004–2009 NHIS. The resulting estimates for persons with health insurance are generally 0.1–0.3 percentage points higher than those based on the editing procedures used for the final data files. Occasionally, due to decisions made for the final data editing and weighting, estimates based on preliminary editing procedures may differ by more than 0.3 percentage points from estimates based on final files.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2004 - 2010, Family Core component. The estimates for 2010 are based on data collected from January through June. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

Table 3. Percentage of persons under 65 years of age who had private health insurance coverage at the time of interview, in the United States and selected states, by age group: United States, 2004–June 2010

Age group and State	2004	2005	2006	2007	2008	2009	2010 (January – June)
Percent (standard error)							
Under 65 years							
All states ¹	68.6 (0.39)	68.4 (0.40)	66.5 (0.48)	66.8 (0.45)	65.3 (0.47)	62.9 (0.49)	61.8 (0.70)
Arizona	58.5 (2.53)	59.1 (2.93)	59.0 (3.38)	61.3 (2.90)	57.8 (3.13)	57.2 (3.15)	45.0 (4.21)
California	60.9 (1.15)	63.9 (0.95)	65.0 (1.16)	64.0 (1.17)	60.7 (1.31)	58.3 (1.40)	59.0 (1.28)
Florida	61.7 (1.28)	57.6 (1.63)	59.4 (1.85)	62.9 (1.66)	56.2 (1.69)	56.9 (1.74)	56.6 (2.96)
Georgia	67.2 (2.30)	60.0 (2.74)	60.1 (2.98)	60.5 (2.81)	60.2 (2.66)	58.5 (2.70)	60.1 (1.77)
Illinois	74.9 (1.68)	74.4 (1.26)	69.3 (2.14)	73.3 (2.43)	67.2 (1.64)	65.1 (2.88)	66.5 (3.76)
Indiana	71.5 (2.40)	71.3 (2.71)	63.9 (3.25)	64.8 (3.16)	67.9 (3.16)	62.0 (3.27)	67.8 (4.73)
Maryland	77.7 (2.31)	76.5 (2.71)	76.5 (3.40)	72.0 (3.13)	70.3 (3.34)	71.7 (3.19)	72.7 (4.72)
Massachusetts	78.0 (2.30)	75.7 (2.62)	79.6 (2.96)	77.7 (2.74)	78.9 (2.65)	75.3 (2.83)	76.6 (4.13)
Michigan	75.7 (2.02)	72.2 (2.25)	75.4 (1.64)	70.7 (2.25)	67.9 (2.44)	64.0 (2.45)	63.0 (3.56)
Missouri	75.4 (2.43)	74.6 (2.59)	65.1 (3.68)	67.3 (3.40)	67.0 (3.30)	65.4 (3.12)	61.4 (4.80)
New Jersey	76.7 (1.90)	76.3 (2.03)	77.2 (2.60)	78.3 (2.54)	74.0 (2.46)	72.4 (2.42)	65.5 (3.63)
New York	69.6 (1.44)	70.7 (1.37)	65.1 (2.02)	67.7 (1.65)	67.1 (2.08)	65.9 (1.70)	67.0 (2.97)
North Carolina	65.2 (2.82)	62.4 (4.77)	58.7 (2.95)	62.1 (2.83)	62.1 (2.65)	59.4 (1.73)	52.5 (3.48)
Ohio	75.3 (1.43)	75.6 (1.72)	73.6 (2.54)	68.5 (2.15)	67.4 (2.35)	67.7 (2.09)	63.5 (3.16)
Pennsylvania	77.9 (1.48)	77.9 (1.68)	71.6 (1.91)	73.5 (2.07)	68.2 (2.13)	68.9 (2.32)	65.6 (1.86)
Tennessee	67.2 (2.87)	67.0 (3.21)	67.0 (3.50)	67.0 (3.38)	64.5 (3.39)	59.8 (3.29)	56.4 (4.90)
Texas	59.1 (1.17)	58.4 (1.39)	58.7 (1.94)	58.1 (1.27)	57.9 (1.36)	52.2 (1.87)	52.3 (2.74)
Virginia	70.4 (2.29)	74.4 (2.32)	74.7 (2.70)	69.6 (2.91)	70.2 (2.59)	63.4 (2.82)	69.2 (3.56)
Washington	67.7 (2.51)	71.0 (2.74)	68.0 (3.07)	65.8 (3.08)	64.6 (2.90)	66.5 (2.95)	60.7 (4.13)
Wisconsin	80.4 (2.30)	76.1 (2.63)	72.4 (3.42)	72.4 (3.33)	69.0 (3.33)	74.8 (3.14)	69.3 (4.49)
18-64 years							
All states ¹	70.9 (0.35)	70.9 (0.35)	69.2 (0.43)	69.6 (0.41)	68.1 (0.42)	65.7 (0.43)	64.7 (0.66)
Arizona	61.3 (2.34)	61.5 (2.64)	61.4 (3.15)	63.2 (2.66)	61.3 (2.89)	59.9 (3.10)	47.9 (4.08)
California	64.0 (1.07)	66.5 (0.90)	67.8 (1.13)	66.6 (1.05)	63.9 (1.20)	61.1 (1.23)	62.4 (1.11)
Florida	64.4 (1.18)	61.1 (1.49)	61.7 (1.53)	65.8 (1.46)	59.7 (1.56)	60.6 (1.67)	59.4 (2.69)
Georgia	69.4 (2.06)	64.2 (2.40)	63.4 (2.55)	64.8 (2.48)	63.8 (2.47)	62.2 (2.55)	63.3 (1.84)
Illinois	76.3 (1.66)	77.5 (1.14)	71.1 (2.29)	75.3 (2.23)	70.1 (1.44)	67.7 (2.66)	69.2 (3.92)
Indiana	73.4 (2.15)	72.1 (2.40)	67.0 (2.96)	69.3 (2.76)	69.7 (2.81)	66.5 (3.06)	68.6 (4.44)
Maryland	78.9 (2.08)	78.9 (2.36)	79.1 (2.94)	73.2 (2.82)	73.0 (2.90)	73.7 (2.96)	75.7 (4.18)
Massachusetts	79.6 (2.04)	77.2 (2.35)	81.2 (2.66)	77.5 (2.49)	80.8 (2.35)	76.6 (2.64)	77.8 (3.75)
Michigan	79.1 (1.90)	75.2 (1.81)	77.1 (1.51)	74.3 (2.12)	70.3 (2.19)	65.8 (2.18)	64.1 (3.50)
Missouri	77.4 (2.15)	75.9 (2.29)	68.5 (3.31)	70.1 (2.99)	67.5 (3.00)	67.0 (2.99)	64.2 (4.42)
New Jersey	78.2 (1.72)	76.8 (1.82)	77.4 (2.39)	79.0 (2.34)	75.2 (2.08)	72.7 (2.28)	67.1 (3.37)
New York	71.2 (1.33)	72.8 (1.30)	68.6 (1.80)	70.4 (1.63)	69.0 (1.98)	67.8 (1.58)	68.7 (2.59)
North Carolina	68.5 (2.11)	66.7 (3.94)	62.6 (2.70)	64.6 (2.53)	66.0 (2.36)	62.4 (1.71)	55.1 (2.82)
Ohio	77.1 (1.28)	77.1 (1.54)	75.8 (2.24)	71.9 (1.71)	70.5 (2.04)	70.2 (2.10)	65.2 (2.95)
Pennsylvania	79.3 (1.26)	78.9 (1.43)	74.8 (1.59)	77.7 (1.88)	71.9 (2.00)	71.8 (1.97)	70.1 (2.02)
Tennessee	70.0 (2.54)	69.9 (2.77)	68.0 (3.12)	69.1 (2.94)	67.6 (2.96)	62.7 (3.11)	57.5 (4.58)
Texas	62.1 (1.05)	61.3 (1.32)	63.0 (1.83)	61.6 (1.14)	61.8 (1.34)	56.5 (1.58)	56.4 (2.42)
Virginia	73.3 (2.04)	75.8 (2.03)	76.1 (2.40)	71.3 (2.57)	72.2 (1.86)	66.2 (2.64)	71.1 (3.26)
Washington	71.4 (2.24)	72.3 (2.44)	69.6 (2.87)	70.0 (2.69)	67.6 (2.61)	70.6 (2.79)	64.6 (3.83)
Wisconsin	81.8 (1.99)	79.2 (2.24)	73.4 (3.14)	73.3 (3.00)	74.5 (2.92)	77.5 (2.94)	71.1 (4.22)

¹Includes all 50 states and the District of Columbia.

NOTES: A person was defined as having private health insurance coverage if he or she had any private health insurance. A person who had only a private plan that paid for one type of service, such as accidents or dental care was not considered to have private health insurance. A small number of persons were covered by both public and private plans and were included in both categories. These 2010 health insurance estimates are being released prior to final data editing and final weighting, to provide access to the most recent information from the National Health Interview Survey (NHIS). These estimates are provided along with comparable estimates from the 2004–2009 NHIS. The resulting estimates for persons with health insurance are generally 0.1–0.3 percentage points higher than those based on the editing procedures used for the final data files. Occasionally, due to decisions made for the final data editing and weighting, estimates based on preliminary editing procedures may differ by more than 0.3 percentage points from estimates based on final files.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2004 - 2010, Family Core component. The estimates for 2010 are based on data collected from January through June. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

Table 4. Percentage of persons under 65 years of age who had public health coverage at the time of interview, in the United States and selected states, by age group: United States, 2004–June 2010

Age group and State	2004	2005	2006	2007	2008	2009	2010 (January – June)
Percent (standard error)							
Under 65 years							
All states ¹	16.2 (0.28)	16.8 (0.28)	18.1 (0.35)	18.1 (0.34)	19.3 (0.35)	21.0 (0.37)	21.2 (0.48)
Arizona	20.5 (1.97)	19.3 (2.08)	18.8 (2.44)	16.5 (2.12)	22.9 (2.47)	25.5 (2.47)	20.8 (3.05)
California	19.4 (0.77)	18.4 (0.65)	17.8 (0.84)	18.5 (0.88)	20.7 (0.95)	22.1 (0.98)	21.2 (1.31)
Florida	17.5 (1.16)	18.1 (1.24)	18.4 (1.25)	17.7 (1.21)	19.0 (1.35)	21.2 (1.62)	20.6 (2.07)
Georgia	15.9 (1.71)	17.7 (1.88)	20.0 (2.01)	20.0 (2.20)	21.4 (2.17)	21.9 (2.01)	20.8 (1.32)
Illinois	11.8 (1.19)	15.0 (1.03)	17.2 (1.86)	15.7 (1.98)	19.4 (1.28)	22.6 (1.86)	20.9 (2.36)
Indiana	13.8 (1.75)	13.7 (1.81)	18.4 (2.37)	18.1 (2.44)	15.5 (2.27)	20.5 (2.42)	17.8 (3.45)
Maryland	12.1 (1.72)	12.7 (1.88)	12.2 (2.38)	16.5 (2.48)	15.8 (2.47)	14.5 (2.22)	18.4 (3.66)
Massachusetts	16.4 (1.95)	17.8 (2.06)	13.1 (2.25)	16.3 (2.33)	19.1 (2.37)	21.1 (2.38)	19.6 (3.45)
Michigan	15.1 (1.45)	17.7 (1.45)	16.1 (1.66)	20.3 (1.97)	21.5 (1.89)	23.5 (2.13)	25.6 (2.46)
Missouri	12.8 (1.79)	14.7 (1.86)	21.2 (2.86)	16.9 (2.60)	18.5 (2.53)	19.6 (2.32)	20.5 (3.54)
New Jersey	10.1 (1.14)	11.0 (1.13)	10.7 (1.51)	11.1 (1.66)	13.0 (1.62)	14.9 (1.66)	19.0 (2.67)
New York	18.9 (1.37)	18.6 (1.14)	24.8 (1.92)	20.7 (1.46)	21.6 (1.82)	23.4 (1.47)	20.3 (2.78)
North Carolina	18.1 (2.21)	21.3 (3.78)	21.8 (2.24)	19.9 (2.23)	22.1 (2.10)	22.6 (2.06)	25.3 (2.06)
Ohio	14.8 (1.23)	14.4 (1.37)	17.7 (1.81)	20.5 (1.88)	18.0 (1.57)	20.6 (1.63)	21.5 (3.26)
Pennsylvania	12.2 (1.03)	13.7 (1.10)	19.0 (1.59)	18.5 (1.74)	21.0 (1.80)	20.3 (1.62)	20.8 (1.45)
Tennessee	21.9 (2.41)	20.5 (2.43)	18.4 (2.62)	18.3 (2.66)	23.2 (2.78)	24.7 (2.58)	24.0 (3.75)
Texas	14.7 (0.77)	16.0 (0.86)	16.5 (1.11)	17.9 (1.11)	17.8 (1.02)	21.6 (1.60)	22.5 (1.62)
Virginia	17.3 (1.81)	15.3 (1.69)	15.5 (2.03)	18.2 (2.09)	17.8 (2.01)	21.2 (2.13)	17.4 (2.60)
Washington	19.4 (2.02)	17.3 (2.02)	20.0 (2.39)	20.7 (2.52)	22.5 (2.35)	21.9 (2.30)	23.6 (3.20)
Wisconsin	9.9 (1.64)	16.2 (2.00)	18.4 (2.69)	16.4 (2.64)	15.9 (2.45)	15.8 (2.35)	20.4 (3.49)
18-64 years							
All states ¹	11.1 (0.23)	11.5 (0.21)	12.4 (0.26)	12.3 (0.27)	13.4 (0.28)	14.4 (0.28)	14.2 (0.38)
Arizona	16.3 (1.65)	13.9 (1.59)	14.5 (1.93)	11.2 (1.63)	16.9 (2.12)	18.9 (2.28)	16.4 (2.66)
California	12.3 (0.56)	11.8 (0.49)	12.2 (0.68)	11.8 (0.68)	13.0 (0.75)	14.5 (0.78)	12.7 (0.84)
Florida	11.2 (1.03)	11.9 (0.99)	12.9 (0.99)	12.0 (1.04)	12.3 (1.20)	14.0 (1.45)	14.7 (1.62)
Georgia	10.6 (1.27)	9.6 (1.25)	13.0 (1.37)	12.7 (1.61)	13.4 (1.84)	14.4 (1.70)	12.8 (1.18)
Illinois	8.3 (1.09)	10.2 (0.73)	12.3 (1.81)	10.4 (1.58)	12.3 (0.83)	14.9 (1.22)	14.0 (1.90)
Indiana	8.4 (1.25)	9.3 (1.32)	10.9 (1.66)	10.9 (1.74)	10.3 (1.78)	12.5 (1.98)	13.5 (2.88)
Maryland	8.3 (1.30)	8.2 (1.35)	8.0 (1.66)	11.5 (1.90)	10.3 (1.90)	8.9 (1.76)	13.5 (2.94)
Massachusetts	13.8 (1.62)	14.4 (1.66)	9.6 (1.70)	14.9 (1.98)	16.2 (2.10)	18.7 (2.24)	17.5 (3.02)
Michigan	9.2 (0.92)	12.2 (0.93)	10.6 (1.15)	13.0 (1.52)	15.3 (1.45)	17.6 (1.67)	19.2 (2.46)
Missouri	9.1 (1.37)	10.8 (1.41)	14.9 (2.14)	11.2 (1.92)	14.8 (2.18)	13.8 (2.02)	11.8 (2.62)
New Jersey	6.3 (0.80)	7.8 (0.82)	7.4 (0.99)	8.1 (1.12)	9.1 (1.32)	11.3 (1.37)	13.8 (2.17)
New York	14.3 (1.09)	14.3 (0.97)	18.0 (1.39)	15.7 (1.24)	17.3 (1.60)	18.9 (1.24)	16.5 (2.28)
North Carolina	11.6 (1.25)	14.0 (2.36)	14.0 (1.64)	13.9 (1.71)	14.9 (1.70)	14.7 (1.62)	17.4 (0.93)
Ohio	9.9 (0.96)	10.3 (1.02)	13.5 (1.30)	15.0 (1.32)	13.1 (1.11)	14.5 (1.28)	15.6 (2.71)
Pennsylvania	8.8 (0.79)	10.4 (0.91)	13.4 (1.15)	12.7 (1.27)	15.3 (1.58)	15.3 (1.47)	12.6 (1.34)
Tennessee	19.0 (2.02)	15.1 (1.83)	14.5 (2.00)	14.5 (2.10)	17.9 (2.31)	18.9 (2.32)	16.4 (3.02)
Texas	7.5 (0.55)	8.9 (0.66)	9.5 (0.72)	9.8 (0.79)	10.1 (0.89)	13.0 (1.04)	12.1 (1.45)
Virginia	13.3 (1.45)	12.7 (1.34)	12.4 (1.57)	14.4 (1.49)	13.5 (1.41)	15.8 (1.87)	11.6 (2.03)
Washington	12.7 (1.53)	13.1 (1.56)	14.2 (1.84)	13.2 (1.86)	15.4 (1.92)	12.9 (1.89)	15.1 (2.52)
Wisconsin	7.6 (1.27)	11.8 (1.51)	14.5 (2.12)	10.2 (1.92)	12.5 (2.11)	10.6 (2.00)	16.2 (3.02)

¹Includes all 50 states and the District of Columbia.

NOTES: A person was defined as having public health coverage if he or she had Medicare, Medicaid, Children's Health Insurance Program (CHIP), state-sponsored or other government-sponsored health plan, or military plan. These 2010 health insurance estimates are being released prior to final data editing and final weighting, to provide access to the most recent information from the National Health Interview Survey (NHIS). These estimates are provided along with comparable estimates from the 2004–2009 NHIS. The resulting estimates for persons with health insurance are generally 0.1–0.3 percentage points higher than those based on the editing procedures used for the final data files. Occasionally, due to decisions made for the final data editing and weighting, estimates based on preliminary editing procedures may differ by more than 0.3 percentage points from estimates based on final files.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2004 - 2010, Family Core component. The estimates for 2010 are based on data collected from January through June. Data are based on household interviews of a sample of the civilian noninstitutionalized population.