

Table 102. Persons with hospital stays in the past year, by selected characteristics: United States, selected years 1997-2011

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

Characteristic	One or more hospital stays <sup>1</sup>				Two or more hospital stays <sup>1</sup>			
	1997	2000	2010	2011	1997	2000	2010	2011
	Percent							
1 year and over, age-adjusted <sup>2,3</sup>	7.8	7.6	7.0	7.1	1.8	1.8	1.8	1.9
1 year and over, crude <sup>2</sup>	7.7	7.5	7.2	7.3	1.7	1.8	1.9	2.0
Age								
1-17 years	2.8	2.5	2.4	2.3	0.5	0.4	0.5	0.5
1-5 years	3.9	3.8	3.4	3.5	0.7	0.7	0.6	0.9
6-17 years	2.3	1.9	1.9	1.8	0.4	0.3	0.5	0.3
18-44 years	7.4	7.0	6.3	6.4	1.2	1.1	1.3	1.3
18-24 years	7.9	7.0	5.7	5.3	1.3	1.1	1.1	1.0
25-44 years	7.3	7.0	6.6	6.8	1.2	1.2	1.3	1.4
45-64 years	8.2	8.4	8.3	8.3	2.2	2.2	2.5	2.6
45-54 years	6.9	7.3	7.3	6.6	1.7	1.8	2.1	2.0
55-64 years	10.2	10.0	9.5	10.2	2.9	2.8	2.9	3.3
65 years and over	18.0	18.2	16.1	16.7	5.4	5.8	4.9	5.5
65-74 years	16.1	16.1	13.6	13.8	4.8	4.9	3.8	4.4
75 years and over	20.4	20.7	19.0	20.4	6.2	6.8	6.2	6.9
75-84 years	19.8	20.1	18.3	19.6	6.1	6.2	6.1	6.4
85 years and over	22.8	23.4	20.8	22.5	6.2	9.0	6.6	8.0
1-64 years								
Total, 1-64 years <sup>2,4</sup>	6.3	6.1	5.7	5.7	1.3	1.2	1.3	1.4
Sex								
Male, crude	4.4	4.2	4.2	4.2	0.9	1.0	1.1	1.2
1-17 years	2.9	2.4	2.4	2.3	0.6	0.4	0.5	0.5
18-44 years	3.6	3.1	2.9	3.1	0.6	0.6	0.7	0.7
45-54 years	6.0	7.0	6.4	5.5	1.4	1.8	1.9	1.7
55-64 years	11.1	10.2	9.3	10.1	3.0	3.0	2.8	3.4
Female, crude	8.0	7.9	7.6	7.5	1.6	1.5	1.7	1.7
1-17 years	2.6	2.5	2.3	2.3	0.5	0.4	0.5	0.5
18-44 years	11.2	10.8	9.8	9.7	1.8	1.7	1.9	1.8
45-54 years	7.6	7.6	8.3	7.6	2.0	1.9	2.3	2.3
55-64 years	9.4	9.8	9.7	10.4	2.9	2.7	2.9	3.2
Race <sup>4,5</sup>								
White only	6.2	5.9	5.6	5.6	1.2	1.1	1.3	1.3
Black or African American only	7.6	7.4	6.7	6.8	1.9	1.9	1.9	2.3
American Indian or Alaska Native only	7.6	7.0	*7.6	4.9	*	*	*2.4	*1.5
Asian only	3.9	3.9	3.6	3.4	*0.5	*0.6	*0.4	0.6
Native Hawaiian or Other Pacific Islander only	---	*	*	*	---	*	*	*
2 or more races	---	8.8	7.7	6.9	---	*1.6	*2.4	2.2
Hispanic origin and race <sup>4,5</sup>								
Hispanic or Latino	6.8	5.5	5.2	4.9	1.3	0.9	1.1	1.3
Not Hispanic or Latino	6.2	6.1	5.8	5.8	1.3	1.3	1.4	1.4
White only	6.1	6.0	5.7	5.8	1.2	1.2	1.3	1.3
Black or African American only	7.5	7.4	6.7	6.8	1.9	1.9	1.9	2.2
Percent of poverty level <sup>4,6</sup>								
Below 100%	10.3	9.1	8.3	8.5	2.8	2.6	2.7	2.9
100%-199%	7.3	7.3	7.0	6.6	1.7	1.9	1.9	1.8
200%-399%	6.0	6.0	5.2	5.3	1.2	1.1	1.1	1.2
400% or more	4.7	5.0	4.5	4.4	0.7	0.8	0.8	0.8
Hispanic origin and race and percent of poverty level <sup>4,5,6</sup>								
Hispanic or Latino:								
Below 100%	9.1	7.4	7.3	7.1	2.0	1.6	2.0	2.1
100%-199%	5.9	5.4	4.8	4.7	1.0	0.8	1.1	1.3
200%-399%	5.9	4.6	4.3	4.2	1.1	0.7	0.7	0.9
400% or more	5.5	4.7	4.4	3.5	*1.1	*0.6	*0.8	*0.8
Not Hispanic or Latino:								
White only:								
Below 100%	10.7	9.6	8.8	9.3	3.2	2.7	2.9	3.2
100%-199%	7.7	7.8	7.8	7.5	1.8	2.2	2.2	2.0
200%-399%	6.1	6.1	5.5	5.7	1.2	1.1	1.2	1.1
400% or more	4.7	5.0	4.6	4.5	0.7	0.8	0.8	0.8
Black or African American only:								
Below 100%	11.4	10.8	9.4	10.1	3.3	3.4	3.1	3.9
100%-199%	8.0	8.5	7.7	7.0	2.1	2.3	2.3	2.1
200%-399%	6.2	6.1	5.3	5.6	1.5	1.3	1.4	1.8
400% or more	4.7	5.8	4.5	4.4	*0.9	*1.3	*1.0	1.3

Health insurance status  
at the time of interview<sup>4,7</sup>

Insured.....	6.6	6.4	6.2	6.1	1.3	1.3	1.4	1.5
Private.....	5.6	5.5	5.0	4.8	1.0	1.0	0.9	0.9
Medicaid.....	16.1	15.9	12.7	12.1	4.9	4.7	4.5	4.6
Uninsured.....	4.8	4.5	4.0	4.1	1.0	0.9	0.9	1.0

Health insurance status  
prior to interview<sup>4,7</sup>

Insured continuously all 12 months.....	6.5	6.3	6.0	5.9	1.3	1.2	1.4	1.4
Uninsured for any period up to 12 months.....	8.5	8.4	7.9	8.1	1.8	1.9	1.9	2.1
Uninsured more than 12 months.....	3.8	3.5	3.0	3.1	0.8	0.8	0.8	0.8

Percent of poverty level and  
health insurance status prior to interview<sup>4,6,7</sup>

Below 100%:								
Insured continuously all 12 months.....	12.4	10.7	10.4	10.0	3.7	3.1	3.4	3.6
Uninsured for any period up to 12 months....	13.7	13.4	10.4	12.9	3.4	*3.4	3.0	4.2
Uninsured more than 12 months.....	4.9	5.0	4.0	4.0	1.0	*1.6	1.3	1.2
100%-199%:								
Insured continuously all 12 months.....	8.5	8.6	8.5	7.8	2.0	2.3	2.5	2.2
Uninsured for any period up to 12 months....	9.3	9.1	10.1	9.3	*1.9	*2.2	1.9	2.3
Uninsured more than 12 months.....	3.8	3.2	2.7	3.0	*0.7	*0.7	*0.5	*0.8
200%-399%:								
Insured continuously all 12 months.....	6.3	6.4	5.6	5.9	1.3	1.2	1.2	1.3
Uninsured for any period up to 12 months....	7.0	6.6	6.1	5.0	*1.5	*1.3	*1.6	*1.0
Uninsured more than 12 months.....	3.3	2.8	2.6	2.4	*0.7	*0.4	*0.7	*0.5
400% or more:								
Insured continuously all 12 months.....	4.9	5.1	4.7	4.5	0.7	0.8	0.8	0.8
Uninsured for any period up to 12 months....	3.9	6.0	4.1	5.3	*	*	*	*1.5
Uninsured more than 12 months.....	*	*2.1	*1.8	*2.1	*	*	*	*

Disability measure among adults  
18-64 years<sup>4,8</sup>

Any basic actions difficulty or complex activity limitation.....								
Any basic actions difficulty.....	14.1	15.1	14.3	14.7	4.1	4.4	5.2	5.6
Any complex activity limitation.....	13.9	15.1	14.2	14.9	4.1	4.4	5.1	5.8
No disability.....	21.5	22.6	21.2	20.8	7.7	8.8	8.6	9.5
	5.8	5.6	5.4	4.9	0.6	0.7	0.8	0.6

Geographic region<sup>4</sup>

Northeast.....	6.0	5.5	5.2	5.2	1.2	1.0	1.2	1.4
Midwest.....	6.5	6.3	6.3	6.3	1.5	1.3	1.5	1.5
South.....	6.8	6.6	6.0	6.1	1.4	1.5	1.5	1.5
West.....	5.4	5.2	4.9	4.7	0.8	0.9	1.1	1.1

Location of residence<sup>4</sup>

Within MSA <sup>9</sup> .....	6.1	5.8	5.5	5.5	1.2	1.1	1.3	1.3
Outside MSA <sup>9</sup> .....	7.0	6.9	6.9	6.5	1.6	1.5	1.6	1.7

65 years and over

Total 65 years and over <sup>2,10</sup> .....	18.1	18.3	16.2	16.9	5.4	5.8	4.9	5.5
65-74 years.....	16.1	16.1	13.6	13.8	4.8	4.9	3.8	4.4
75 years and over.....	20.4	20.7	19.0	20.4	6.2	6.8	6.2	6.9

Sex<sup>10</sup>

Male.....	19.0	19.5	16.2	16.8	5.8	5.8	5.4	5.0
Female.....	17.5	17.4	16.2	17.0	5.1	5.7	4.6	6.0

Hispanic origin and race<sup>5,10</sup>

Hispanic or Latino.....	17.3	16.6	13.9	16.5	6.2	6.4	5.0	5.3
Not Hispanic or Latino.....	18.2	18.4	16.4	16.9	5.4	5.8	4.9	5.6
White only.....	18.3	18.4	16.5	16.8	5.4	5.7	4.9	5.4
Black or African American only.....	18.9	19.8	16.9	20.5	5.5	7.5	5.5	8.2

Percent of poverty level<sup>6,10</sup>

Below 100%.....	20.9	20.9	18.8	20.6	6.4	7.5	5.1	7.8
100%-199%.....	19.6	19.2	17.2	18.8	6.5	6.6	5.2	6.3
200%-399%.....	17.3	18.1	16.0	16.5	4.9	5.8	5.5	5.6
400% or more.....	16.6	16.0	15.0	15.2	4.7	4.2	4.1	4.4

Disability measure<sup>8,10</sup>

Any basic actions difficulty or complex activity limitation.....								
Any basic actions difficulty.....	22.6	24.7	20.2	23.1	7.2	8.6	6.4	8.1
Any complex activity limitation.....	22.7	24.7	20.4	23.3	7.2	8.7	6.6	8.3
No disability.....	29.0	31.5	25.4	29.5	10.8	12.2	9.2	11.5
	7.8	9.7	10.6	9.1	1.1	1.9	*1.6	*1.7

Geographic region<sup>10</sup>

Northeast.....	17.2	16.6	16.5	18.4	5.1	4.5	6.1	6.4
Midwest.....	18.2	19.5	16.4	17.1	5.6	7.2	4.7	5.4
South.....	19.4	19.5	16.4	17.4	6.1	6.3	4.7	5.8
West.....	16.5	16.4	15.3	14.7	4.4	4.4	4.5	4.5

Location of residence<sup>10</sup>

Within MSA <sup>9</sup> .....	17.8	17.8	15.9	17.1	5.2	5.4	4.8	5.7
Outside MSA <sup>9</sup> .....	19.1	19.6	17.3	16.3	6.3	6.9	5.6	5.1

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

---Data not available.

<sup>1</sup>These estimates exclude hospitalizations for institutionalized persons and those who died while hospitalized, because they are outside the scope of this survey.

See Appendix II, Hospital utilization.

<sup>2</sup>Includes all other races not shown separately, unknown health insurance status, and unknown disability status.

<sup>3</sup>Estimates are for persons 1 year of age and over and are age-adjusted to the year 2000 standard population using six age groups: 1-17 years, 18-44 years, 45-54 years, 55-64 years, 65-74 years, and 75 years and over. See Appendix II, Age adjustment.

<sup>4</sup>Estimates are for persons 1-64 years of age and are age-adjusted to the year 2000 standard population using four age groups: 1-17 years, 18-44 years, 45-54 years, and 55-64 years. The disability measure is age-adjusted using the three adult age groups. See Appendix II, Age adjustment.

<sup>5</sup>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.

<sup>6</sup>Percent of poverty level is based on family income and family size and composition using U.S. Census Bureau poverty thresholds.

Missing family income data were imputed for 1997 and beyond.

See Appendix II, Family income; Poverty; Table VI.

<sup>7</sup>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 Children's Health Insurance Program (CHIP) is included with Medicaid coverage.

In addition to private and Medicaid, the insured category also includes military, other government, and Medicare coverage.

Persons not covered by private insurance, Medicaid, CHIP, 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.

<sup>8</sup>Any basic actions difficulty or complex activity limitation is defined as having one or more of the following limitations or difficulties: movement difficulty, emotional difficulty, sensory (seeing or hearing) difficulty, cognitive difficulty, self-care (activities of daily living or instrumental activities of daily living) limitation, social limitation, or work limitation. For more information, see Appendix II, Basic actions difficulty; Complex activity limitation. Starting with 2007 data, the hearing question, a component of the basic actions difficulty measure, was revised.

Consequently, data prior to 2007 are not comparable with data for 2007 and beyond. For more information on the impact of the revised hearing question, see Appendix II, Hearing trouble.

<sup>9</sup>MSA is metropolitan statistical area. Starting with 2006 data, MSA status is determined using 2000 census data and the 2000 standards for defining MSAs. For data prior to 2006, see Appendix II, Metropolitan statistical area (MSA) for the applicable standards.

<sup>10</sup>Estimates are for persons 65 years of age and over and are age-adjusted to the year 2000 standard population using two age groups: 65-74 years and 75 years and over. See Appendix II, Age adjustment.

NOTES: Standard errors are available in the spreadsheet version of this table. Available from: <http://www.cdc.gov/nchs/hus.htm>. Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS, National Health Interview Survey, family core and sample adult questionnaires. See Appendix I, National Health Interview Survey (NHIS).

Health, United States 2011 web updates