

**Table A-1a. Age-adjusted percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
Total	11.2 (0.22)	5.6 (0.14)	24.8 (0.30)	2.8 (0.11)
Sex				
Male	12.6 (0.31)	7.4 (0.23)	26.1 (0.42)	3.1 (0.17)
Female	10.1 (0.30)	4.1 (0.17)	23.5 (0.39)	2.6 (0.14)
Age (years)				
18–44	4.8 (0.26)	1.0 (0.13)	8.8 (0.34)	0.6 (0.09)
45–64	11.8 (0.41)	6.0 (0.30)	34.4 (0.66)	3.1 (0.23)
65–74	23.6 (0.79)	15.5 (0.65)	54.4 (0.87)	6.9 (0.45)
75 and over	37.3 (1.09)	23.9 (0.93)	61.1 (1.05)	11.8 (0.69)
Race				
One race <sup>2</sup>	11.1 (0.22)	5.6 (0.14)	24.8 (0.30)	2.8 (0.11)
White	11.5 (0.24)	5.7 (0.15)	23.9 (0.34)	2.6 (0.12)
Black or African American	10.0 (0.59)	5.4 (0.39)	32.2 (0.91)	3.9 (0.35)
American Indian or Alaska Native	14.6 (2.47)	8.6 (1.67)	27.2 (2.19)	3.0 (0.95)
Asian	7.7 (0.77)	4.4 (0.67)	21.9 (1.11)	2.7 (0.51)
Native Hawaiian or Other Pacific Islander	*	*	24.0 (5.37)	*
Two or more races <sup>3</sup>	17.7 (1.76)	6.8 (1.21)	26.2 (1.90)	4.0 (0.88)
Black or African American, white	18.1 (2.89)	12.0 (1.95)	23.5 (3.34)	0.6 (0.60)
American Indian or Alaska Native, white	17.7 (2.59)	7.9 (1.87)	31.7 (3.26)	7.3 (2.20)
Hispanic or Latino origin <sup>4</sup> and race				
Hispanic or Latino	8.2 (0.53)	5.1 (0.40)	23.7 (0.88)	2.5 (0.31)
Mexican or Mexican American	7.9 (0.69)	5.2 (0.55)	23.9 (1.18)	2.5 (0.39)
Not Hispanic or Latino	11.7 (0.24)	5.7 (0.15)	25.1 (0.31)	2.9 (0.12)
White, single race	12.2 (0.28)	5.8 (0.17)	24.0 (0.36)	2.7 (0.13)
Black or African American, single race	10.0 (0.60)	5.4 (0.40)	32.8 (0.95)	4.0 (0.37)
Education <sup>5</sup>				
Less than a high school diploma	12.9 (0.75)	8.2 (0.56)	32.1 (1.07)	5.1 (0.46)
High school diploma or GED <sup>6</sup>	13.1 (0.51)	7.5 (0.38)	31.7 (0.75)	3.6 (0.27)
Some college	13.3 (0.45)	6.9 (0.30)	30.1 (0.63)	3.2 (0.22)
Bachelor's degree or higher	10.9 (0.36)	4.6 (0.24)	22.7 (0.48)	2.2 (0.18)
Current employment status <sup>7</sup>				
Employed	9.5 (0.39)	4.0 (0.29)	21.8 (0.45)	1.6 (0.22)
Full-time	9.2 (0.57)	3.7 (0.43)	21.8 (0.66)	1.4 (0.33)
Part-time	10.9 (0.73)	4.8 (0.49)	20.4 (0.84)	2.2 (0.39)
Not employed but has worked previously	13.9 (0.48)	7.7 (0.31)	30.5 (0.66)	4.7 (0.27)
Not employed and has never worked	10.2 (1.05)	6.7 (0.77)	24.6 (1.58)	3.2 (0.52)

**Table A-1a. Age-adjusted percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
<b>Family income<sup>8</sup></b>				
Less than \$35,000	13.4 (0.46)	7.7 (0.34)	29.8 (0.62)	4.8 (0.29)
\$35,000 or more	10.8 (0.27)	5.2 (0.18)	23.5 (0.36)	2.2 (0.14)
\$35,000–\$49,999	12.3 (0.69)	6.6 (0.46)	27.4 (0.88)	2.6 (0.33)
\$50,000–\$74,999	11.3 (0.55)	6.0 (0.41)	26.8 (0.80)	2.9 (0.31)
\$75,000–\$99,999	11.4 (0.64)	5.1 (0.41)	23.7 (0.80)	1.9 (0.28)
\$100,000 or more	9.8 (0.44)	4.4 (0.30)	20.4 (0.54)	1.8 (0.23)
<b>Poverty status<sup>9</sup></b>				
Poor	13.5 (0.72)	7.8 (0.53)	30.5 (0.93)	5.6 (0.49)
Near poor	12.9 (0.57)	7.6 (0.44)	29.2 (0.77)	4.1 (0.35)
Not poor	10.9 (0.26)	5.1 (0.16)	23.3 (0.33)	2.3 (0.12)
<b>Health insurance coverage<sup>10</sup></b>				
<b>Under 65:</b>				
Private	6.7 (0.25)	2.1 (0.13)	16.6 (0.37)	0.8 (0.09)
Medicaid	11.0 (0.76)	6.1 (0.53)	25.8 (1.03)	4.2 (0.43)
Other coverage	11.8 (1.28)	6.0 (0.90)	25.3 (1.69)	4.0 (0.68)
Uninsured	5.4 (0.54)	2.1 (0.34)	14.9 (0.93)	1.6 (0.36)
<b>65 and over:</b>				
Private	31.5 (1.01)	19.2 (0.86)	55.7 (1.04)	8.7 (0.58)
Medicare and Medicaid	35.0 (2.44)	25.5 (2.23)	70.1 (2.34)	16.1 (1.75)
Medicare Advantage	26.3 (1.20)	16.4 (1.01)	58.4 (1.33)	7.9 (0.74)
Medicare only	28.7 (1.62)	19.5 (1.43)	54.2 (1.76)	8.5 (1.03)
Other coverage	35.2 (2.15)	25.3 (1.97)	62.0 (2.12)	12.1 (1.49)
Uninsured	*	*	*	*
<b>Marital status</b>				
Married	10.9 (0.29)	5.4 (0.20)	24.5 (0.41)	2.4 (0.15)
Widowed	12.9 (2.01)	6.2 (0.65)	35.7 (4.35)	5.1 (1.40)
Divorced or separated	13.5 (0.78)	6.6 (0.49)	30.2 (1.08)	3.4 (0.32)
Never married	11.1 (0.70)	6.3 (0.61)	24.9 (0.80)	3.1 (0.37)
Living with a partner	11.1 (1.09)	6.7 (0.95)	24.0 (1.37)	3.5 (0.69)
<b>Place of residence<sup>11</sup></b>				
Large MSA	10.2 (0.28)	5.1 (0.18)	23.1 (0.39)	2.7 (0.14)
Small MSA	12.6 (0.42)	6.3 (0.27)	26.3 (0.56)	3.2 (0.21)
Not in MSA	12.6 (0.61)	6.5 (0.35)	28.8 (0.99)	2.8 (0.29)
<b>Region</b>				
Northeast	11.2 (0.51)	5.5 (0.33)	22.6 (0.70)	2.4 (0.24)
Midwest	11.9 (0.49)	5.7 (0.27)	24.4 (0.68)	2.6 (0.20)
South	11.8 (0.35)	6.3 (0.25)	27.9 (0.49)	3.4 (0.21)
West	9.6 (0.42)	4.7 (0.28)	21.9 (0.58)	2.3 (0.18)

**Table A-1a. Age-adjusted percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
Hispanic or Latino origin <sup>4</sup> , race, and sex				
Hispanic or Latino, male	8.2 (0.76)	5.3 (0.61)	22.6 (1.31)	2.8 (0.52)
Hispanic or Latina, female	8.0 (0.72)	4.6 (0.51)	24.3 (1.11)	2.3 (0.39)
Not Hispanic or Latino:				
White, single race, male	13.8 (0.39)	7.9 (0.27)	26.5 (0.51)	3.1 (0.21)
White, single race, female	10.8 (0.39)	3.9 (0.20)	21.6 (0.47)	2.3 (0.15)
Black or African American, single race, male	10.2 (0.90)	5.7 (0.66)	30.3 (1.47)	3.2 (0.49)
Black or African American, single race, female	9.9 (0.79)	5.2 (0.50)	34.7 (1.24)	4.6 (0.53)

\* Estimate does not meet NCHS standards of reliability.

<sup>1</sup>In separate questions, respondents were asked if they had ever been told by a doctor or other health professional that they had: hypertension (or high blood pressure), coronary heart disease, angina (or angina pectoris), heart attack (or myocardial infarction), any other heart condition or disease not already mentioned, or a stroke. A person may be represented in more than one column.

"All types of heart disease" includes coronary heart disease, angina, heart attack, or any other heart condition or disease.

"Coronary heart disease" includes coronary heart disease, angina, or heart attack.

Persons had to have been told on two or more different visits that they had hypertension or high blood pressure to be classified as hypertensive.

<sup>2</sup>Refers to persons who indicated only a single race group, including those of Hispanic or Latino origin.

<sup>3</sup>Refers to persons who indicated more than one race group, including those of Hispanic or Latino origin. Only two combinations of multiple race groups are shown due to small sample sizes for other combinations.

<sup>4</sup>Refers to persons who are of Hispanic or Latino origin and may be of any race or combination of races. "Not Hispanic or Latino" refers to persons who are not of Hispanic or Latino origin, regardless of race.

<sup>5</sup>Shown only for adults aged 25 and over. Estimates are age adjusted to the projected 2000 U.S. population as the standard population using four age groups: 25-44, 45-64, 65-74, and 75 and over.

<sup>6</sup>GED is General Educational Development high school equivalency diploma.

<sup>7</sup>"Full-time" employment is 35 or more hours per week. "Part-time" employment is 34 or fewer hours per week.

<sup>8</sup>Includes persons who reported a dollar amount or who would not provide a dollar amount but provided an income interval.

<sup>9</sup>"Poor" persons are defined as having income below the poverty threshold. "Near poor" persons have incomes of 100% to less than 200% of the poverty threshold. "Not poor" persons have incomes that are 200% of the poverty threshold or greater.

<sup>10</sup>Based on a hierarchy of mutually exclusive categories. Adults with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes adults who had no coverage as well as those who had only Indian Health Service coverage or had only a private plan that paid for one type of service such as accidents or dental care.

<sup>11</sup>MSA is metropolitan statistical area. Large MSAs have a population size of 1 million or more; small MSAs have a population size of less than 1 million. "Not in MSA" consists of persons not living in a metropolitan statistical area.

NOTES: Estimates are based on household interviews of a sample of the civilian noninstitutionalized population. This table is based on data from the Sample Adult file and was weighted using the Sample Adult weight. Unknowns for the columns were not included in the denominators when calculating percentages. Percentages may not add to totals due to rounding. "Total" includes other races not shown separately and persons with unknown education, family income, poverty status, and health insurance characteristics. Unless otherwise specified, estimates are age-adjusted using the projected 2000 U.S. population as the standard population and using four age groups: 18-44, 45-64, 65-74, and 75 and over. Estimates for age groups are not age-adjusted. For more information on the data source, methods, and definitions used for this table, refer to Technical Notes for Summary Health Statistics Tables: National Health Interview Survey (available from <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>).

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SOURCE: NCHS, National Health Interview Survey, 2018.

**Table A-1b. Frequencies (in thousands) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All adults aged 18 and over	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
Total	249,456	30,252	15,780	67,856	7,801
Sex					
Male	120,442	15,963	9,582	33,648	3,887
Female	129,014	14,289	6,198	34,208	3,915
Age (years)					
18–44	115,008	5,523	1,150	10,133	698
45–64	83,038	9,792	4,967	28,520	2,552
65–74	30,809	7,264	4,750	16,688	2,124
75 and over	20,601	7,674	4,913	12,516	2,428
Race					
One race <sup>2</sup>	243,677	29,388	15,476	66,565	7,594
White	193,454	24,874	13,018	52,497	5,968
Black or African American	30,813	2,981	1,588	9,871	1,183
American Indian or Alaska Native	2,810	377	208	721	74
Asian	15,960	1,125	642	3,335	361
Native Hawaiian or Other Pacific Islander	640	*	*	142	*
Two or more races <sup>3</sup>	5,779	864	305	1,291	207
Black or African American, white	1,567	185	*	168	*
American Indian or Alaska Native, white	1,879	362	175	656	143
Hispanic or Latino origin <sup>4</sup> and race					
Hispanic or Latino	40,749	2,773	1,622	8,148	817
Mexican or Mexican American	24,415	1,546	950	4,636	442
Not Hispanic or Latino	208,706	27,480	14,159	59,708	6,985
White, single race	157,289	22,444	11,592	45,108	5,245
Black or African American, single race	29,089	2,852	1,543	9,612	1,173
Education <sup>5</sup>					
Less than a high school diploma	24,710	3,991	2,665	9,471	1,571
High school diploma or GED <sup>6</sup>	52,455	7,861	4,667	18,829	2,281
Some college	62,770	8,836	4,690	20,347	2,188
Bachelor's degree or higher	78,964	8,317	3,549	18,072	1,621
Current employment status <sup>7</sup>					
Employed	158,301	11,461	4,222	29,575	1,570
Full-time	129,152	8,602	3,034	24,125	986
Part-time	27,087	2,584	1,075	5,013	530
Not employed but has worked previously	78,269	17,352	10,633	35,159	5,711
Not employed and has never worked	12,669	1,388	897	3,077	503

**Table A-1b. Frequencies (in thousands) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All adults aged 18 and over	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
Family income <sup>8</sup>					
Less than \$35,000	58,573	9,145	5,501	19,883	3,303
\$35,000 or more	166,985	17,977	8,735	41,083	3,621
\$35,000–\$49,999	24,817	3,436	1,945	7,514	772
\$50,000–\$74,999	38,139	4,756	2,586	11,214	1,250
\$75,000–\$99,999	30,794	3,474	1,564	7,700	573
\$100,000 or more	73,236	6,311	2,640	14,654	1,026
Poverty status <sup>9</sup>					
Poor	24,028	3,055	1,759	7,009	1,278
Near poor	40,315	5,698	3,455	12,519	1,849
Not poor	173,576	20,115	9,859	44,831	4,270
Health insurance coverage <sup>10</sup>					
Under 65:					
Private	136,568	9,682	3,216	25,254	1,263
Medicaid	24,908	2,665	1,472	6,250	1,006
Other coverage	9,857	1,522	895	3,381	592
Uninsured	25,525	1,362	525	3,678	388
65 and over:					
Private	21,274	6,321	3,882	11,628	1,725
Medicare and Medicaid	3,529	1,208	871	2,443	560
Medicare Advantage	13,113	3,364	2,099	7,588	1,023
Medicare only	7,945	2,199	1,505	4,243	617
Other coverage	5,181	1,792	1,276	3,195	608
Uninsured	274	*	*	*	*
Marital status					
Married	130,518	16,244	8,617	38,270	3,691
Widowed	14,263	4,187	2,568	8,347	1,541
Divorced or separated	27,100	4,500	2,378	10,250	1,280
Never married	58,300	3,740	1,501	7,611	857
Living with a partner	18,856	1,523	690	3,241	427
Place of residence <sup>11</sup>					
Large MSA	142,041	15,034	7,722	35,145	4,014
Small MSA	75,044	10,283	5,285	21,717	2,668
Not in MSA	32,370	4,936	2,773	10,995	1,119
Region					
Northeast	43,262	5,559	2,839	11,385	1,277
Midwest	54,818	7,012	3,482	14,585	1,545
South	92,043	11,786	6,501	28,136	3,542
West	59,333	5,897	2,958	13,751	1,438

**Table A-1b. Frequencies (in thousands) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All adults aged 18 and over	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
Hispanic or Latino origin <sup>4</sup> , race, and sex					
Hispanic or Latino, male	20,279	1,371	864	3,798	427
Hispanic or Latina, female	20,470	1,402	758	4,351	390
Not Hispanic or Latino:					
White, single race, male	76,416	12,192	7,409	23,505	2,784
White, single race, female	80,872	10,253	4,184	21,603	2,461
Black or African American, single race, male	13,250	1,281	698	3,986	432
Black or African American, single race, female	15,840	1,571	845	5,626	741

\* Corresponding crude percentage for the frequency does not meet NCHS standards of reliability, so the frequency is not shown.

<sup>1</sup>In separate questions, respondents were asked if they had ever been told by a doctor or other health professional that they had: hypertension (or high blood pressure), coronary heart disease, angina (or angina pectoris), heart attack (or myocardial infarction), any other heart condition or disease not already mentioned, or a stroke. A person may be represented in more than one column.

"All types of heart disease" includes coronary heart disease, angina, heart attack, or any other heart condition or disease.

"Coronary heart disease" includes coronary heart disease, angina, or heart attack.

Persons had to have been told on two or more different visits that they had hypertension or high blood pressure to be classified as hypertensive.

<sup>2</sup>Refers to persons who indicated only a single race group, including those of Hispanic or Latino origin.

<sup>3</sup>Refers to persons who indicated more than one race group, including those of Hispanic or Latino origin. Only two combinations of multiple race groups are shown due to small sample sizes for other combinations.

<sup>4</sup>Refers to persons who are of Hispanic or Latino origin and may be of any race or combination of races. "Not Hispanic or Latino" refers to persons who are not of Hispanic or Latino origin, regardless of race.

<sup>5</sup>Shown only for adults aged 25 and over.

<sup>6</sup>GED is General Educational Development high school equivalency diploma.

<sup>7</sup>"Full-time" employment is 35 or more hours per week. "Part-time" employment is 34 or fewer hours per week.

<sup>8</sup>Includes persons in families that reported either a dollar amount or would not provide a dollar amount but provided an income interval.

<sup>9</sup>"Poor" persons live in families defined as below the poverty threshold. "Near poor" persons live in families with incomes of 100% to less than 200% of the poverty threshold. "Not poor" persons live in families with incomes that are 200% of the poverty threshold or greater.

<sup>10</sup>Based on a hierarchy of mutually exclusive categories. Adults with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes adults who had no coverage as well as those who had only Indian Health Service coverage or had only a private plan that paid for one type of service such as accidents or dental care.

<sup>11</sup>MSA is metropolitan statistical area. Large MSAs have a population size of 1 million or more; small MSAs have a population size of less than 1 million. "Not in MSA" consists of persons not living in a metropolitan statistical area.

NOTES: Estimates are based on household interviews of a sample of the civilian noninstitutionalized population. This table is based on data from the Sample Adult file and was weighted using the Sample Adult weight. Unknowns for the columns were not included in the frequencies, but they are included in the "All adults aged 18 and over" column. "Total" includes other races not shown separately and persons with unknown education, family income, poverty status, and health insurance characteristics. For more information on the data source, methods, and definitions used for this table, refer to Technical Notes for Summary Health Statistics Tables: National Health Interview Survey (available from <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>).

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SOURCE: NCHS, National Health Interview Survey, 2018.

**Table A-1c. Crude percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
Total	12.1 (0.24)	6.3 (0.16)	27.3 (0.37)	3.1 (0.12)
Sex				
Male	13.3 (0.34)	8.0 (0.27)	28.0 (0.51)	3.2 (0.18)
Female	11.1 (0.32)	4.8 (0.19)	26.6 (0.47)	3.0 (0.16)
Age (years)				
18–44	4.8 (0.26)	1.0 (0.13)	8.8 (0.34)	0.6 (0.09)
45–64	11.8 (0.41)	6.0 (0.30)	34.4 (0.66)	3.1 (0.23)
65–74	23.6 (0.79)	15.5 (0.65)	54.4 (0.87)	6.9 (0.45)
75 and over	37.3 (1.09)	23.9 (0.93)	61.1 (1.05)	11.8 (0.69)
Race				
One race <sup>2</sup>	12.1 (0.24)	6.4 (0.17)	27.4 (0.37)	3.1 (0.12)
White	12.9 (0.27)	6.7 (0.19)	27.2 (0.41)	3.1 (0.14)
Black or African American	9.7 (0.63)	5.2 (0.40)	32.1 (1.08)	3.8 (0.36)
American Indian or Alaska Native	13.4 (2.30)	7.4 (1.72)	25.7 (2.92)	2.6 (0.87)
Asian	7.1 (0.78)	4.0 (0.64)	21.0 (1.28)	2.3 (0.46)
Native Hawaiian or Other Pacific Islander	*	*	22.1 (6.01)	*
Two or more races <sup>3</sup>	15.0 (1.78)	5.3 (1.00)	22.4 (2.03)	3.6 (0.81)
Black or African American, white	11.9 (3.50)	*	10.7 (3.14)	*
American Indian or Alaska Native, white	19.2 (3.25)	9.3 (2.50)	34.9 (3.93)	7.6 (2.12)
Hispanic or Latino origin <sup>4</sup> and race				
Hispanic or Latino	6.8 (0.49)	4.0 (0.34)	20.0 (0.90)	2.0 (0.26)
Mexican or Mexican American	6.3 (0.61)	3.9 (0.45)	19.0 (1.15)	1.8 (0.29)
Not Hispanic or Latino	13.2 (0.27)	6.8 (0.19)	28.7 (0.39)	3.3 (0.14)
White, single race	14.3 (0.31)	7.4 (0.22)	28.7 (0.44)	3.3 (0.16)
Black or African American, single race	9.8 (0.65)	5.3 (0.42)	33.1 (1.12)	4.0 (0.38)
Education <sup>5</sup>				
Less than a high school diploma	16.2 (0.85)	10.8 (0.70)	38.5 (1.20)	6.4 (0.53)
High school diploma or GED <sup>6</sup>	15.0 (0.57)	8.9 (0.44)	36.0 (0.81)	4.4 (0.32)
Some college	14.1 (0.48)	7.5 (0.35)	32.5 (0.72)	3.5 (0.24)
Bachelor's degree or higher	10.5 (0.38)	4.5 (0.24)	22.9 (0.53)	2.1 (0.17)
Current employment status <sup>7</sup>				
Employed	7.2 (0.24)	2.7 (0.15)	18.7 (0.39)	1.0 (0.10)
Full-time	6.7 (0.26)	2.4 (0.15)	18.7 (0.44)	0.8 (0.09)
Part-time	9.5 (0.69)	4.0 (0.41)	18.5 (0.90)	2.0 (0.32)
Not employed but has worked previously	22.2 (0.53)	13.6 (0.40)	45.0 (0.67)	7.3 (0.30)
Not employed and has never worked	11.0 (1.10)	7.1 (0.78)	24.4 (1.56)	4.0 (0.63)

**Table A-1c. Crude percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
<b>Family income<sup>8</sup></b>				
Less than \$35,000	15.6 (0.49)	9.4 (0.38)	34.0 (0.73)	5.6 (0.31)
\$35,000 or more	10.8 (0.28)	5.2 (0.19)	24.6 (0.42)	2.2 (0.14)
\$35,000–\$49,999	13.9 (0.76)	7.8 (0.55)	30.3 (0.98)	3.1 (0.39)
\$50,000–\$74,999	12.5 (0.61)	6.8 (0.46)	29.4 (0.89)	3.3 (0.33)
\$75,000–\$99,999	11.3 (0.65)	5.1 (0.42)	25.0 (0.88)	1.9 (0.28)
\$100,000 or more	8.6 (0.40)	3.6 (0.25)	20.0 (0.61)	1.4 (0.17)
<b>Poverty status<sup>9</sup></b>				
Poor	12.7 (0.74)	7.3 (0.52)	29.2 (1.07)	5.3 (0.48)
Near poor	14.2 (0.61)	8.6 (0.49)	31.1 (0.86)	4.6 (0.37)
Not poor	11.6 (0.28)	5.7 (0.20)	25.9 (0.41)	2.5 (0.13)
<b>Health insurance coverage<sup>10</sup></b>				
Under 65:				
Private	7.1 (0.26)	2.4 (0.15)	18.5 (0.43)	0.9 (0.10)
Medicaid	10.7 (0.77)	5.9 (0.54)	25.1 (1.10)	4.0 (0.42)
Other coverage	15.4 (1.45)	9.1 (1.15)	34.3 (1.95)	6.0 (1.04)
Uninsured	5.3 (0.53)	2.1 (0.34)	14.4 (0.92)	1.5 (0.34)
65 and over:				
Private	29.8 (1.01)	18.3 (0.84)	54.9 (1.03)	8.1 (0.54)
Medicare and Medicaid	34.6 (2.41)	25.0 (2.20)	70.1 (2.28)	15.9 (1.69)
Medicare Advantage	25.7 (1.20)	16.0 (1.00)	58.0 (1.33)	7.8 (0.73)
Medicare only	27.7 (1.55)	19.0 (1.38)	53.6 (1.72)	7.8 (0.94)
Other coverage	34.7 (2.12)	24.7 (1.94)	62.1 (2.14)	11.8 (1.44)
Uninsured	*	*	*	*
<b>Marital status</b>				
Married	12.5 (0.33)	6.6 (0.25)	29.4 (0.50)	2.8 (0.17)
Widowed	29.5 (1.10)	18.1 (0.94)	58.8 (1.21)	10.8 (0.77)
Divorced or separated	16.7 (0.68)	8.8 (0.50)	37.9 (0.96)	4.7 (0.36)
Never married	6.4 (0.41)	2.6 (0.23)	13.1 (0.56)	1.5 (0.17)
Living with a partner	8.1 (0.76)	3.7 (0.51)	17.2 (1.07)	2.3 (0.43)
<b>Place of residence<sup>11</sup></b>				
Large MSA	10.6 (0.30)	5.4 (0.21)	24.8 (0.47)	2.8 (0.16)
Small MSA	13.7 (0.47)	7.1 (0.32)	29.0 (0.71)	3.6 (0.24)
Not in MSA	15.3 (0.70)	8.6 (0.47)	34.0 (1.06)	3.5 (0.33)
<b>Region</b>				
Northeast	12.9 (0.56)	6.6 (0.39)	26.4 (0.83)	3.0 (0.29)
Midwest	12.8 (0.51)	6.4 (0.32)	26.6 (0.84)	2.8 (0.22)
South	12.8 (0.39)	7.1 (0.29)	30.6 (0.60)	3.8 (0.24)
West	10.0 (0.47)	5.0 (0.32)	23.3 (0.72)	2.4 (0.19)



**Table A-1c. Crude percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2018**

Selected characteristic	All types of heart disease <sup>1</sup>	Coronary heart disease <sup>1</sup>	Hypertension <sup>1</sup>	Stroke <sup>1</sup>
Hispanic or Latino origin <sup>4</sup> , race, and sex				
Hispanic or Latino, male	6.8 (0.73)	4.3 (0.54)	18.8 (1.33)	2.1 (0.41)
Hispanic or Latina, female	6.9 (0.68)	3.7 (0.44)	21.3 (1.16)	1.9 (0.34)
Not Hispanic or Latino:				
White, single race, male	16.0 (0.45)	9.7 (0.35)	30.8 (0.61)	3.6 (0.23)
White, single race, female	12.7 (0.42)	5.2 (0.25)	26.8 (0.57)	3.0 (0.20)
Black or African American, single race, male	9.7 (0.94)	5.3 (0.65)	30.1 (1.68)	3.3 (0.49)
Black or African American, single race, female	9.9 (0.85)	5.3 (0.55)	35.7 (1.48)	4.7 (0.57)

\* Estimate does not meet NCHS standards of reliability.

<sup>1</sup>In separate questions, respondents were asked if they had ever been told by a doctor or other health professional that they had: hypertension (or high blood pressure), coronary heart disease, angina (or angina pectoris), heart attack (or myocardial infarction), any other heart condition or disease not already mentioned, or a stroke. A person may be represented in more than one column.

"All types of heart disease" includes coronary heart disease, angina, heart attack, or any other heart condition or disease.

"Coronary heart disease" includes coronary heart disease, angina, or heart attack.

Persons had to have been told on two or more different visits that they had hypertension or high blood pressure to be classified as hypertensive.

<sup>2</sup>Refers to persons who indicated only a single race group, including those of Hispanic or Latino origin.

<sup>3</sup>Refers to persons who indicated more than one race group, including those of Hispanic or Latino origin. Only two combinations of multiple race groups are shown due to small sample sizes for other combinations.

<sup>4</sup>Refers to persons who are of Hispanic or Latino origin and may be of any race or combination of races. "Not Hispanic or Latino" refers to persons who are not of Hispanic or Latino origin, regardless of race.

<sup>5</sup>Shown only for adults aged 25 and over.

<sup>6</sup>GED is General Educational Development high school equivalency diploma.

<sup>7</sup>"Full-time" employment is 35 or more hours per week. "Part-time" employment is 34 or fewer hours per week.

<sup>8</sup>Includes persons in families that reported either a dollar amount or would not provide a dollar amount but provided an income interval.

<sup>9</sup>"Poor" persons live in families defined as below the poverty threshold. "Near poor" persons live in families with incomes of 100% to less than 200% of the poverty threshold. "Not poor" persons live in families with incomes that are 200% of the poverty threshold or greater.

<sup>10</sup>Based on a hierarchy of mutually exclusive categories. Adults with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes adults who had no coverage as well as those who had only Indian Health Service coverage or had only a private plan that paid for one type of service such as accidents or dental care.

<sup>11</sup>MSA is metropolitan statistical area. Large MSAs have a population size of 1 million or more; small MSAs have a population size of less than 1 million. "Not in MSA" consists of persons not living in a metropolitan statistical area.

NOTES: Estimates are based on household interviews of a sample of the civilian noninstitutionalized population. This table is based on data from the Sample Adult file and was weighted using the Sample Adult weight. Unknowns for the columns were not included in the denominators when calculating percentages. Percentages may not add to totals due to rounding.

"Total" includes other races not shown separately and persons with unknown education, family income, poverty status, and health insurance characteristics. For more information on the data source, methods, and definitions used for this table, refer to Technical Notes for Summary Health Statistics Tables: National Health Interview Survey (available from <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>).

Suggested citation: Villarreal MA, Blackwell DL, Jen A. Tables of Summary Health Statistics for U.S. Adults: 2018 National Health Interview Survey. National Center for Health Statistics. 2019. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: NCHS, National Health Interview Survey, 2018.