

**Table A-1a. Age-adjusted percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	10.7 (0.20)	5.7 (0.15)	24.9 (0.30)	2.8 (0.10)
Sex				
Male	11.8 (0.31)	7.3 (0.23)	26.2 (0.46)	2.8 (0.16)
Female	9.8 (0.27)	4.4 (0.18)	23.7 (0.38)	2.8 (0.14)
Age (years)				
18-44	3.8 (0.21)	1.2 (0.14)	9.2 (0.33)	0.6 (0.09)
45-64	12.2 (0.43)	6.0 (0.29)	34.4 (0.61)	3.2 (0.23)
65-74	22.6 (0.77)	13.9 (0.63)	55.7 (0.95)	6.6 (0.46)
75 and over	36.5 (0.93)	25.1 (0.89)	59.1 (1.00)	11.1 (0.66)
Race				
One race <sup>2</sup>	10.6 (0.21)	5.7 (0.15)	24.9 (0.30)	2.8 (0.10)
White	11.0 (0.23)	5.7 (0.16)	23.8 (0.33)	2.7 (0.11)
Black or African American	10.1 (0.59)	5.7 (0.41)	33.8 (0.96)	4.0 (0.37)
American Indian or Alaska Native	15.4 (2.33)	12.1 (2.07)	26.9 (2.82)	*
Asian	5.5 (0.81)	3.6 (0.63)	21.5 (1.26)	1.1 (0.26)
Native Hawaiian or Other Pacific Islander	*	*	29.4 (7.02)	-
Two or more races <sup>3</sup>	12.3 (1.76)	8.0 (1.53)	24.2 (2.08)	5.0 (1.22)
Black or African American, white	*	*	*	*
American Indian or Alaska Native, white	19.0 (3.57)	13.2 (3.45)	30.5 (4.00)	5.1 (1.46)
Hispanic or Latino origin <sup>4</sup> and race				
Hispanic or Latino	8.1 (0.65)	5.8 (0.59)	23.5 (0.91)	2.9 (0.39)
Mexican or Mexican American	8.8 (0.94)	6.0 (0.86)	23.9 (1.16)	3.3 (0.55)
Not Hispanic or Latino	11.1 (0.22)	5.7 (0.16)	25.3 (0.33)	2.8 (0.11)
White, single race	11.5 (0.25)	5.7 (0.17)	24.0 (0.34)	2.6 (0.11)
Black or African American, single race	10.4 (0.60)	5.9 (0.42)	34.2 (0.98)	4.2 (0.39)
Education <sup>5</sup>				
Less than a high school diploma	13.2 (0.69)	8.9 (0.56)	34.0 (1.02)	5.1 (0.50)
High school diploma or GED <sup>6</sup>	12.0 (0.45)	6.8 (0.34)	30.3 (0.65)	3.4 (0.25)
Some college	13.0 (0.42)	7.0 (0.32)	30.2 (0.62)	3.7 (0.25)
Bachelor's degree or higher	10.3 (0.38)	4.8 (0.26)	22.8 (0.54)	1.8 (0.16)
Current employment status <sup>7</sup>				
Employed	9.1 (0.39)	4.5 (0.31)	22.2 (0.48)	1.5 (0.16)
Full-time	8.1 (0.60)	3.9 (0.43)	20.9 (0.71)	1.7 (0.35)
Part-time	10.5 (0.71)	5.0 (0.52)	21.8 (0.88)	1.6 (0.26)
Not employed but has worked previously	14.3 (0.46)	7.8 (0.32)	29.9 (0.60)	4.2 (0.25)
Not employed and has never worked	10.0 (0.91)	7.4 (0.89)	25.1 (1.40)	4.5 (0.63)

**Table A-1a. Age-adjusted percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	13.3 (0.38)	8.0 (0.31)	29.3 (0.54)	4.4 (0.23)
\$35,000 or more	10.2 (0.27)	5.2 (0.19)	23.4 (0.37)	2.3 (0.14)
\$35,000–\$49,999	11.7 (0.60)	6.7 (0.43)	26.5 (0.88)	3.4 (0.40)
\$50,000–\$74,999	10.3 (0.47)	5.9 (0.38)	24.9 (0.66)	2.3 (0.23)
\$75,000–\$99,999	10.1 (0.61)	4.9 (0.41)	23.1 (0.85)	2.1 (0.40)
\$100,000 or more	9.1 (0.47)	4.1 (0.34)	21.5 (0.64)	2.0 (0.26)
<b>Poverty status<sup>9</sup></b>				
Poor	14.8 (0.62)	9.2 (0.54)	31.1 (0.81)	5.6 (0.43)
Near poor	12.5 (0.52)	7.4 (0.42)	28.3 (0.78)	3.8 (0.29)
Not poor	9.9 (0.24)	5.0 (0.17)	23.4 (0.35)	2.2 (0.12)
<b>Health insurance coverage<sup>10</sup></b>				
Under 65:				
Private	5.6 (0.22)	2.0 (0.14)	16.5 (0.37)	1.1 (0.10)
Medicaid	11.5 (0.67)	6.3 (0.52)	25.9 (0.92)	3.7 (0.38)
Other coverage	12.7 (1.33)	6.2 (0.79)	30.7 (2.05)	3.3 (0.67)
Uninsured	6.7 (0.65)	3.2 (0.47)	15.2 (0.88)	1.4 (0.29)
65 and over:				
Private	31.0 (0.93)	19.4 (0.82)	56.7 (1.03)	8.0 (0.58)
Medicare and Medicaid	35.0 (2.30)	28.3 (2.24)	67.8 (2.61)	14.2 (1.72)
Medicare Advantage	26.6 (1.22)	16.7 (1.01)	57.5 (1.43)	8.2 (0.80)
Medicare only	27.3 (1.42)	17.5 (1.26)	53.4 (1.62)	8.6 (0.97)
Other coverage	30.1 (2.24)	23.8 (2.05)	61.3 (2.49)	11.0 (1.70)
Uninsured	*	*	*	*
<b>Marital status</b>				
Married	10.5 (0.30)	5.5 (0.21)	24.8 (0.42)	2.3 (0.14)
Widowed	16.2 (4.23)	*	39.1 (5.22)	*
Divorced or separated	12.4 (0.53)	7.0 (0.37)	30.2 (0.94)	4.0 (0.45)
Never married	10.2 (0.60)	5.3 (0.50)	24.0 (0.77)	3.0 (0.41)
Living with a partner	9.4 (0.92)	5.7 (0.77)	24.8 (1.23)	2.7 (0.57)
<b>Place of residence<sup>11</sup></b>				
Large MSA	9.8 (0.28)	5.4 (0.20)	24.2 (0.43)	2.5 (0.14)
Small MSA	11.1 (0.38)	5.9 (0.26)	25.4 (0.53)	3.0 (0.18)
Not in MSA	12.8 (0.52)	6.7 (0.47)	27.1 (0.77)	3.2 (0.27)
<b>Region</b>				
Northeast	10.2 (0.49)	5.4 (0.33)	23.5 (0.77)	2.4 (0.22)
Midwest	11.8 (0.42)	6.4 (0.34)	26.0 (0.64)	2.5 (0.21)
South	11.0 (0.36)	6.3 (0.28)	27.0 (0.52)	3.2 (0.18)
West	9.4 (0.40)	4.5 (0.26)	21.9 (0.56)	2.8 (0.23)

**Table A-1a. Age-adjusted percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	8.8 (1.01)	6.1 (0.83)	23.3 (1.29)	2.4 (0.58)
Hispanic or Latina, female	7.6 (0.75)	5.6 (0.69)	23.3 (1.11)	3.4 (0.54)
Not Hispanic or Latino:				
White, single race, male	12.8 (0.36)	7.7 (0.27)	25.7 (0.50)	2.6 (0.18)
White, single race, female	10.4 (0.34)	3.9 (0.19)	22.3 (0.43)	2.6 (0.15)
Black or African American, single race, male	10.2 (0.97)	6.2 (0.69)	32.8 (1.63)	4.4 (0.71)
Black or African American, single race, female	10.7 (0.74)	5.8 (0.56)	35.2 (1.19)	4.0 (0.43)

\* Estimate is considered unreliable, as specified in National Center for Health Statistics Data Presentation Standards for Proportions (available from: [https://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_175.pdf](https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf)), and is not shown.

\*\* Complement of the estimate is considered unreliable, as specified in National Center for Health Statistics Data Presentation Standards for Proportions (available from: [https://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_175.pdf](https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf)).

- Quantity zero.

<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>). Suggested citation: Blackwell DL, Villarroel MA. Tables of Summary Health Statistics for U.S. Adults: 2016 National Health Interview Survey. National Center for Health Statistics. 2018. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: NCHS, National Health Interview Survey, 2016.

**Table A-1b. Frequencies (in thousands) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	245,142	28,064	15,230	66,443	7,449
Sex					
Male	118,223	14,513	9,004	32,937	3,447
Female	126,920	13,551	6,226	33,506	4,003
Age (years)					
18–44	113,401	4,342	1,408	10,373	710
45–64	83,703	10,219	5,012	28,742	2,704
65–74	28,532	6,414	3,931	15,862	1,872
75 and over	19,507	7,088	4,879	11,466	2,164
Race					
One race <sup>2</sup>	240,410	27,603	14,962	65,513	7,277
White	192,455	23,483	12,564	51,569	5,831
Black or African American	30,105	2,957	1,631	10,143	1,188
American Indian or Alaska Native	2,460	338	249	594	*
Asian	14,853	765	496	3,060	164
Native Hawaiian or Other Pacific Islander	538	*	*	*	-
Two or more races <sup>3</sup>	4,732	461	269	930	173
Black or African American, white	816	*	3	*	*
American Indian or Alaska Native, white	1,763	339	233	547	91
Hispanic or Latino origin <sup>4</sup> and race					
Hispanic or Latino	38,782	2,540	1,730	7,597	872
Mexican or Mexican American	23,240	1,550	1,017	4,397	550
Not Hispanic or Latino	206,360	25,524	13,500	58,846	6,578
White, single race	157,505	21,197	11,020	44,725	5,018
Black or African American, single race	28,757	2,908	1,603	9,809	1,182
Education <sup>5</sup>					
Less than a high school diploma	26,459	4,401	3,091	10,607	1,624
High school diploma or GED <sup>6</sup>	51,932	7,232	4,195	18,128	2,111
Some college	61,937	8,263	4,401	19,483	2,331
Bachelor's degree or higher	74,100	7,302	3,227	16,970	1,274
Current employment status <sup>7</sup>					
Employed	150,236	9,831	4,075	28,706	1,641
Full-time	120,071	7,139	2,902	22,674	1,208
Part-time	27,966	2,464	1,084	5,484	407
Not employed but has worked previously	81,641	16,962	10,216	34,808	5,286
Not employed and has never worked	13,099	1,271	939	2,908	523

**Table A-1b. Frequencies (in thousands) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	66,236	9,780	6,032	21,161	3,275
\$35,000 or more	153,049	15,350	7,606	37,456	3,345
\$35,000–\$49,999	24,929	3,154	1,826	7,135	919
\$50,000–\$74,999	38,167	4,139	2,360	10,099	890
\$75,000–\$99,999	27,484	2,747	1,251	6,519	540
\$100,000 or more	62,469	5,310	2,169	13,704	996
Poverty status <sup>9</sup>					
Poor	28,852	3,643	2,201	7,767	1,343
Near poor	40,911	5,537	3,360	12,246	1,723
Not poor	162,870	17,339	8,860	42,476	3,916
Health insurance coverage <sup>10</sup>					
Under 65:					
Private	136,020	8,394	3,141	25,019	1,655
Medicaid	28,037	3,209	1,755	7,222	1,034
Other coverage	8,873	1,469	821	3,546	422
Uninsured	22,734	1,428	674	3,236	300
65 and over:					
Private	20,020	5,893	3,652	11,224	1,470
Medicare and Medicaid	3,360	1,168	941	2,274	478
Medicare Advantage	12,135	3,158	1,970	6,919	993
Medicare only	8,167	2,142	1,358	4,325	678
Other coverage	3,891	1,108	869	2,391	393
Uninsured	336	*	*	*	*
Marital status					
Married	130,447	15,408	8,088	37,631	3,592
Widowed	14,066	3,941	2,579	7,785	1,436
Divorced or separated	27,343	4,330	2,577	10,482	1,345
Never married	54,432	3,126	1,353	7,119	763
Living with a partner	18,527	1,192	588	3,335	294
Place of residence <sup>11</sup>					
Large MSA	137,266	13,768	7,460	34,758	3,609
Small MSA	73,222	8,979	4,841	20,638	2,475
Not in MSA	34,654	5,317	2,929	11,047	1,365
Region					
Northeast	44,851	5,145	2,804	11,978	1,191
Midwest	54,359	7,041	3,858	15,490	1,496
South	87,402	10,297	5,898	25,607	3,081
West	58,531	5,581	2,669	13,368	1,681

**Table A-1b. Frequencies (in thousands) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	19,292	1,303	847	3,765	350
Hispanic or Latina, female	19,489	1,237	883	3,831	522
Not Hispanic or Latino:					
White, single race, male	76,525	11,315	6,996	22,696	2,322
White, single race, female	80,980	9,882	4,024	22,030	2,696
Black or African American, single race, male	12,928	1,206	693	4,161	547
Black or African American, single race, female	15,829	1,702	910	5,648	635

\* Corresponding crude percentage for the frequency is considered unreliable, as specified in National Center for Health Statistics Data Presentation Standards for Proportions (available from: [https://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_175.pdf](https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf)), so the frequency is not shown.

\*\* Complement of the corresponding crude percentage for the frequency is considered unreliable, as specified in National Center for Health Statistics Data Presentation Standards for Proportions (available from: [https://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_175.pdf](https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf)).

- Quantity zero.

<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>). Suggested citation: Blackwell DL, Villarreal MA. Tables of Summary Health Statistics for U.S. Adults: 2016 National Health Interview Survey. National Center for Health Statistics. 2018. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: NCHS, National Health Interview Survey, 2016.

**Table A-1c. Crude percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	11.5 (0.23)	6.2 (0.17)	27.2 (0.35)	3.0 (0.11)
Sex				
Male	12.3 (0.34)	7.6 (0.25)	27.9 (0.51)	2.9 (0.17)
Female	10.7 (0.29)	4.9 (0.20)	26.4 (0.44)	3.2 (0.16)
Age (years)				
18–44	3.8 (0.21)	1.2 (0.14)	9.2 (0.33)	0.6 (0.09)
45–64	12.2 (0.43)	6.0 (0.29)	34.4 (0.61)	3.2 (0.23)
65–74	22.6 (0.77)	13.9 (0.63)	55.7 (0.95)	6.6 (0.46)
75 and over	36.5 (0.93)	25.1 (0.89)	59.1 (1.00)	11.1 (0.66)
Race				
One race <sup>2</sup>	11.5 (0.23)	6.2 (0.17)	27.3 (0.35)	3.0 (0.11)
White	12.2 (0.26)	6.5 (0.19)	26.8 (0.38)	3.0 (0.13)
Black or African American	9.8 (0.62)	5.4 (0.41)	33.7 (1.09)	3.9 (0.39)
American Indian or Alaska Native	13.8 (2.32)	10.1 (2.02)	24.2 (3.22)	*
Asian	5.2 (0.81)	3.3 (0.61)	20.6 (1.39)	1.1 (0.27)
Native Hawaiian or Other Pacific Islander	*	*	*	-
Two or more races <sup>3</sup>	9.7 (1.64)	5.7 (1.37)	19.7 (2.07)	3.7 (1.05)
Black or African American, white	*	0.4 (0.42)	*	*
American Indian or Alaska Native, white	19.2 (3.50)	13.2 (3.39)	31.2 (4.03)	5.2 (1.45)
Hispanic or Latino origin <sup>4</sup> and race				
Hispanic or Latino	6.6 (0.57)	4.5 (0.50)	19.6 (0.95)	2.2 (0.32)
Mexican or Mexican American	6.7 (0.80)	4.4 (0.70)	18.9 (1.22)	2.4 (0.43)
Not Hispanic or Latino	12.4 (0.25)	6.6 (0.18)	28.6 (0.37)	3.2 (0.12)
White, single race	13.5 (0.29)	7.0 (0.20)	28.5 (0.40)	3.2 (0.14)
Black or African American, single race	10.1 (0.64)	5.6 (0.42)	34.1 (1.11)	4.1 (0.40)
Education <sup>5</sup>				
Less than a high school diploma	16.7 (0.79)	11.7 (0.67)	40.2 (1.09)	6.1 (0.51)
High school diploma or GED <sup>6</sup>	14.0 (0.51)	8.1 (0.39)	35.0 (0.73)	4.1 (0.29)
Some college	13.4 (0.45)	7.1 (0.33)	31.5 (0.69)	3.8 (0.26)
Bachelor's degree or higher	9.9 (0.39)	4.4 (0.26)	22.9 (0.58)	1.7 (0.16)
Current employment status <sup>7</sup>				
Employed	6.6 (0.23)	2.7 (0.15)	19.1 (0.40)	1.1 (0.09)
Full-time	6.0 (0.24)	2.4 (0.16)	18.9 (0.45)	1.0 (0.10)
Part-time	8.8 (0.63)	3.9 (0.43)	19.6 (0.86)	1.5 (0.25)
Not employed but has worked previously	20.8 (0.47)	12.6 (0.37)	42.8 (0.60)	6.5 (0.28)
Not employed and has never worked	9.7 (0.93)	7.2 (0.90)	22.3 (1.32)	4.0 (0.55)

**Table A-1c. Crude percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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	14.8 (0.43)	9.1 (0.35)	32.0 (0.61)	4.9 (0.25)
\$35,000 or more	10.0 (0.28)	5.0 (0.20)	24.5 (0.43)	2.2 (0.13)
\$35,000–\$49,999	12.7 (0.67)	7.3 (0.51)	28.6 (0.99)	3.7 (0.43)
\$50,000–\$74,999	10.8 (0.52)	6.2 (0.41)	26.5 (0.78)	2.3 (0.25)
\$75,000–\$99,999	10.0 (0.63)	4.6 (0.40)	23.8 (0.92)	2.0 (0.37)
\$100,000 or more	8.5 (0.44)	3.5 (0.29)	22.0 (0.68)	1.6 (0.18)
<b>Poverty status<sup>9</sup></b>				
Poor	12.6 (0.61)	7.6 (0.49)	27.0 (0.89)	4.7 (0.38)
Near poor	13.6 (0.56)	8.2 (0.46)	29.9 (0.86)	4.2 (0.31)
Not poor	10.7 (0.27)	5.4 (0.19)	26.1 (0.41)	2.4 (0.13)
<b>Health insurance coverage<sup>10</sup></b>				
Under 65:				
Private	6.2 (0.23)	2.3 (0.15)	18.4 (0.42)	1.2 (0.12)
Medicaid	11.5 (0.69)	6.3 (0.53)	25.8 (1.01)	3.7 (0.38)
Other coverage	16.6 (1.39)	9.3 (0.99)	40.0 (1.91)	4.8 (0.74)
Uninsured	6.3 (0.62)	3.0 (0.45)	14.2 (0.85)	1.3 (0.27)
65 and over:				
Private	29.5 (0.92)	18.3 (0.79)	56.2 (1.02)	7.4 (0.54)
Medicare and Medicaid	34.8 (2.30)	28.1 (2.24)	67.8 (2.61)	14.2 (1.73)
Medicare Advantage	26.2 (1.22)	16.4 (1.00)	57.3 (1.45)	8.2 (0.81)
Medicare only	26.3 (1.45)	16.7 (1.26)	53.1 (1.64)	8.3 (0.93)
Other coverage	28.6 (2.18)	22.4 (2.00)	62.0 (2.45)	10.1 (1.51)
Uninsured	*	*	*	*
<b>Marital status</b>				
Married	11.8 (0.34)	6.2 (0.24)	28.9 (0.48)	2.8 (0.16)
Widowed	28.1 (1.00)	18.4 (0.86)	55.5 (1.12)	10.2 (0.71)
Divorced or separated	15.9 (0.66)	9.5 (0.50)	38.4 (0.92)	4.9 (0.39)
Never married	5.7 (0.34)	2.5 (0.24)	13.1 (0.53)	1.4 (0.15)
Living with a partner	6.4 (0.64)	3.2 (0.42)	18.0 (1.03)	1.6 (0.35)
<b>Place of residence<sup>11</sup></b>				
Large MSA	10.0 (0.30)	5.4 (0.22)	25.4 (0.50)	2.6 (0.15)
Small MSA	12.3 (0.44)	6.6 (0.30)	28.2 (0.59)	3.4 (0.20)
Not in MSA	15.4 (0.57)	8.5 (0.50)	31.9 (0.93)	3.9 (0.33)
<b>Region</b>				
Northeast	11.5 (0.58)	6.3 (0.40)	26.7 (0.90)	2.7 (0.25)
Midwest	13.0 (0.47)	7.1 (0.38)	28.6 (0.75)	2.8 (0.22)
South	11.8 (0.39)	6.8 (0.30)	29.4 (0.59)	3.5 (0.20)
West	9.6 (0.43)	4.6 (0.28)	22.9 (0.66)	2.9 (0.25)

**Table A-1c. Crude percentages (with standard errors) of selected circulatory diseases among adults aged 18 and over, by selected characteristics: United States, 2016**

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 (0.85)	4.4 (0.63)	19.5 (1.27)	1.8 (0.44)
Hispanic or Latina, female	6.4 (0.67)	4.5 (0.62)	19.7 (1.21)	2.7 (0.47)
Not Hispanic or Latino:				
White, single race, male	14.8 (0.43)	9.2 (0.32)	29.7 (0.58)	3.0 (0.20)
White, single race, female	12.2 (0.38)	5.0 (0.23)	27.3 (0.52)	3.3 (0.20)
Black or African American, single race, male	9.4 (1.00)	5.4 (0.63)	32.2 (1.79)	4.2 (0.74)
Black or African American, single race, female	10.8 (0.78)	5.8 (0.57)	35.7 (1.29)	4.0 (0.44)

\* Estimate is considered unreliable, as specified in National Center for Health Statistics Data Presentation Standards for Proportions (available from: [https://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_175.pdf](https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf)), and is not shown.

\*\* Complement of the estimate is considered unreliable, as specified in National Center for Health Statistics Data Presentation Standards for Proportions (available from: [https://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_175.pdf](https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf)).

- Quantity zero.

<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: Blackwell DL, Villarreal MA. Tables of Summary Health Statistics for U.S. Adults: 2016 National Health Interview Survey. National Center for Health Statistics. 2018. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: NCHS, National Health Interview Survey, 2016.