

**Table A-5a. Age-adjusted percentages (with standard errors) of migraines and pain in neck, lower back, face, or jaw among adults aged 18 and over, by selected characteristics: United States, 2013**

Selected characteristic	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Total	15.9 (0.28)	14.4 (0.25)	28.5 (0.34)	4.5 (0.15)
Sex				
Male	10.1 (0.36)	12.2 (0.35)	26.5 (0.48)	2.7 (0.18)
Female	21.4 (0.42)	16.5 (0.35)	30.2 (0.47)	6.2 (0.24)
Age (years)				
18–44	18.8 (0.42)	11.2 (0.35)	23.8 (0.47)	4.5 (0.23)
45–64	15.6 (0.45)	19.4 (0.47)	33.7 (0.58)	4.8 (0.25)
65–74	8.1 (0.51)	17.3 (0.75)	33.3 (0.93)	4.3 (0.40)
75 and over	6.2 (0.56)	14.1 (0.80)	34.2 (1.11)	3.6 (0.38)
Race				
One race <sup>2</sup>	15.7 (0.28)	14.3 (0.25)	28.4 (0.34)	4.5 (0.15)
White	15.9 (0.32)	14.8 (0.29)	29.1 (0.39)	4.8 (0.18)
Black or African American	16.8 (0.68)	13.1 (0.57)	28.0 (0.80)	3.5 (0.29)
American Indian or Alaska Native	18.9 (2.75)	17.3 (2.21)	31.2 (3.39)	6.6 (1.71)
Asian	10.9 (0.88)	9.5 (0.78)	18.8 (1.14)	2.3 (0.36)
Native Hawaiian or Other Pacific Islander	*17.5 (6.06)	*20.4 (8.28)	29.1 (8.30)	-
Two or more races <sup>3</sup>	24.6 (2.33)	21.4 (1.96)	33.0 (2.37)	6.7 (1.18)
Black or African American, white	21.8 (5.59)	26.7 (5.28)	35.8 (5.92)	*6.0 (2.73)
American Indian or Alaska Native, white	27.4 (3.38)	22.4 (3.10)	37.5 (3.69)	11.8 (2.56)
Hispanic or Latino origin <sup>4</sup> and race				
Hispanic or Latino	15.6 (0.61)	13.3 (0.53)	25.1 (0.71)	3.9 (0.31)
Mexican or Mexican American	15.5 (0.79)	12.8 (0.70)	23.3 (0.89)	3.7 (0.41)
Not Hispanic or Latino	16.1 (0.32)	14.7 (0.28)	29.0 (0.38)	4.7 (0.17)
White, single race	16.3 (0.38)	15.3 (0.33)	30.1 (0.45)	5.1 (0.21)
Black or African American, single race	16.6 (0.69)	13.0 (0.58)	27.9 (0.82)	3.4 (0.30)
Education <sup>5</sup>				
Less than a high school diploma	18.7 (0.77)	17.6 (0.69)	34.8 (0.93)	4.5 (0.37)
High school diploma or GED <sup>6</sup>	16.4 (0.59)	16.4 (0.59)	31.9 (0.73)	4.4 (0.35)
Some college	18.6 (0.53)	17.7 (0.50)	33.5 (0.67)	5.6 (0.31)
Bachelor's degree or higher	11.4 (0.40)	12.5 (0.44)	24.0 (0.55)	4.0 (0.25)
Current employment status <sup>7</sup>				
Employed	13.3 (0.31)	11.8 (0.35)	24.4 (0.49)	3.6 (0.21)
Full-time	12.6 (0.34)	12.1 (0.46)	23.6 (0.62)	3.5 (0.29)
Part-time	16.3 (0.83)	11.9 (0.73)	26.0 (1.04)	4.2 (0.46)
Not employed but has worked previously	22.2 (0.62)	20.0 (0.55)	36.4 (0.71)	6.9 (0.36)
Not employed and has never worked	17.1 (1.28)	13.0 (1.22)	24.3 (1.52)	4.0 (0.57)

**Table A-5a. Age-adjusted percentages (with standard errors) of migraines and pain in neck, lower back, face, or jaw among adults aged 18 and over, by selected characteristics: United States, 2013**

Selected characteristic	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
<b>Family income<sup>8</sup></b>				
Less than \$35,000	21.4 (0.52)	19.0 (0.45)	34.6 (0.54)	5.9 (0.27)
\$35,000 or more	13.7 (0.33)	12.7 (0.32)	26.1 (0.43)	4.0 (0.19)
\$35,000–\$49,999	15.6 (0.70)	14.3 (0.63)	30.4 (0.94)	4.8 (0.38)
\$50,000–\$74,999	14.3 (0.63)	13.3 (0.58)	26.7 (0.79)	3.7 (0.34)
\$75,000–\$99,999	14.1 (0.75)	12.7 (0.72)	25.5 (1.01)	3.8 (0.41)
\$100,000 or more	11.9 (0.60)	11.7 (0.60)	23.5 (0.76)	4.0 (0.35)
<b>Poverty status<sup>9</sup></b>				
Poor	25.2 (0.81)	22.0 (0.71)	38.2 (0.85)	6.7 (0.40)
Near poor	18.6 (0.67)	16.2 (0.60)	33.0 (0.84)	5.3 (0.37)
Not poor	13.5 (0.33)	12.7 (0.32)	25.6 (0.42)	4.0 (0.18)
<b>Health insurance coverage<sup>10</sup></b>				
Under 65:				
Private	15.1 (0.37)	12.3 (0.33)	23.9 (0.45)	4.0 (0.21)
Medicaid	28.9 (1.09)	21.2 (0.92)	40.5 (1.21)	7.8 (0.66)
Other	22.1 (1.63)	21.0 (1.41)	36.8 (1.82)	7.8 (1.02)
Uninsured	19.4 (0.73)	15.3 (0.60)	29.6 (0.83)	4.2 (0.32)
65 and over:				
Private	5.6 (0.49)	14.6 (0.75)	31.9 (0.96)	3.0 (0.33)
Medicare and Medicaid	15.3 (1.58)	23.2 (1.79)	41.3 (2.34)	7.1 (1.10)
Medicare only	7.4 (0.72)	15.3 (0.99)	33.9 (1.32)	4.1 (0.56)
Other	6.6 (1.27)	18.3 (1.97)	37.8 (2.66)	6.4 (1.32)
Uninsured	15.5 (4.09)	*9.0 (3.38)	38.4 (7.82)	*
<b>Marital status</b>				
Married	15.1 (0.40)	13.9 (0.36)	28.3 (0.46)	4.0 (0.21)
Widowed	19.4 (3.46)	19.4 (3.83)	33.5 (4.53)	3.7 (1.07)
Divorced or separated	20.3 (0.80)	20.0 (0.78)	34.5 (0.91)	6.8 (0.48)
Never married	14.8 (0.55)	13.4 (0.66)	25.3 (0.81)	4.3 (0.33)
Living with a partner	19.7 (1.07)	16.6 (1.22)	34.1 (1.54)	6.7 (0.87)
<b>Place of residence<sup>11</sup></b>				
Large MSA	14.4 (0.36)	13.9 (0.34)	26.8 (0.43)	4.1 (0.20)
Small MSA	17.1 (0.54)	14.5 (0.46)	29.9 (0.65)	5.0 (0.30)
Not in MSA	18.7 (0.78)	16.4 (0.73)	31.4 (0.96)	5.0 (0.42)
<b>Region</b>				
Northeast	13.5 (0.66)	13.2 (0.69)	26.9 (0.88)	4.1 (0.35)
Midwest	16.9 (0.67)	14.5 (0.55)	29.7 (0.72)	4.5 (0.32)
South	16.4 (0.47)	13.8 (0.37)	28.0 (0.55)	4.3 (0.25)
West	15.8 (0.50)	16.2 (0.54)	29.1 (0.66)	5.3 (0.34)

**Table A-5a. Age-adjusted percentages (with standard errors) of migraines and pain in neck, lower back, face, or jaw among adults aged 18 and over, by selected characteristics: United States, 2013**

Selected characteristic	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Hispanic or Latino origin <sup>4</sup> , race, and sex				
Hispanic or Latino, male	9.1 (0.69)	10.4 (0.69)	22.7 (1.04)	3.2 (0.44)
Hispanic or Latina, female	21.9 (0.93)	16.1 (0.78)	27.5 (0.96)	4.6 (0.45)
Not Hispanic or Latino:				
White, single race, male	10.3 (0.47)	12.8 (0.45)	28.3 (0.63)	2.8 (0.23)
White, single race, female	22.1 (0.55)	17.7 (0.48)	31.7 (0.62)	7.3 (0.34)
Black or African American, single race, male	11.3 (0.92)	11.7 (0.87)	24.7 (1.19)	2.9 (0.45)
Black or African American, single race, female	21.1 (0.99)	14.2 (0.82)	30.5 (1.11)	3.7 (0.41)

\* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) greater than 30% and less than or equal to 50% and should be used with caution. Data not shown have an RSE greater than 50%.

- Quantity zero.

<sup>1</sup>In separate questions, respondents were asked, "During the past three months, did you have a severe headache or migraine?" They were also asked, "During the past three months, did you have neck pain?" Lastly, they were asked, "During the past three months, did you have low back pain?" Regarding all three questions, respondents were instructed to report pain that had lasted a whole day or more, and conversely, not to report fleeting or minor aches or pains. Persons may be represented in more than one column.

<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, Clarke TC. Tables of Summary Health Statistics for U.S. Adults: 2013 National Health Interview Survey, 2015. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: CDC/NCHS, National Health Interview Survey, 2013.

**Table A-5b. Frequencies (in thousands) of migraines and pain in neck, lower back, face or jaw among adults aged 18 and over, by selected characteristics: United States, 2013**

Selected characteristic	All adults aged 18 and over	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Total	237,394	36,984	35,382	68,866	10,751
Sex					
Male	114,334	11,438	14,504	30,965	3,124
Female	123,061	25,546	20,878	37,900	7,627
Age (years)					
18–44	111,717	21,029	12,548	26,575	5,040
45–64	82,286	12,811	15,937	27,696	3,984
65–74	25,086	2,017	4,327	8,353	1,071
75 and over	18,305	1,126	2,570	6,242	656
Race					
One race <sup>2</sup>	233,678	36,045	34,619	67,693	10,487
White	189,484	29,178	29,141	56,453	9,070
Black or African American	28,503	4,888	3,815	8,037	1,004
American Indian or Alaska Native	1,970	387	339	582	119
Asian	13,236	1,476	1,239	2,453	294
Native Hawaiian or Other Pacific Islander	485	*118	*	*168	-
Two or more races <sup>3</sup>	3,716	939	763	1,172	264
Black or African American, white	801	*188	121	241	*39
American Indian or Alaska Native, white	1,570	418	366	598	187
Hispanic or Latino origin <sup>4</sup> and race					
Hispanic or Latino	35,704	5,727	4,427	8,628	1,366
Mexican or Mexican American	22,277	3,559	2,620	4,945	764
Not Hispanic or Latino	201,690	31,256	30,955	60,238	9,385
White, single race	156,858	24,066	25,137	48,651	7,851
Black or African American, single race	27,415	4,637	3,682	7,738	940
Education <sup>5</sup>					
Less than a high school diploma	27,749	4,891	5,076	9,873	1,253
High school diploma or GED <sup>6</sup>	52,621	8,117	8,870	17,265	2,294
Some college	60,000	11,070	10,885	20,223	3,375
Bachelor's degree or higher	65,758	7,607	8,378	15,839	2,642
Current employment status <sup>7</sup>					
Employed	144,126	20,990	17,765	35,977	5,356
Full-time	117,101	16,379	14,490	28,850	4,193
Part-time	24,980	4,341	2,999	6,518	1,106
Not employed but has worked previously	78,659	13,736	16,037	29,663	4,883
Not employed and has never worked	14,364	2,242	1,558	3,182	512

Selected characteristic	All adults aged 18 and over	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Family income <sup>8</sup>					
Less than \$35,000	72,188	14,671	13,735	25,181	4,170
\$35,000 or more	149,560	20,517	19,751	39,646	6,025
\$35,000–\$49,999	30,855	4,716	4,509	9,462	1,504
\$50,000–\$74,999	40,797	5,830	5,636	11,111	1,522
\$75,000–\$99,999	27,096	3,947	3,510	6,979	1,021
\$100,000 or more	50,812	6,023	6,096	12,093	1,979
Poverty status <sup>9</sup>					
Poor	29,822	7,653	6,245	11,000	1,972
Near poor	38,468	6,967	6,178	12,668	2,008
Not poor	148,428	19,484	19,768	39,037	5,911
Health insurance coverage <sup>10</sup>					
Under 65:					
Private	125,224	18,374	15,941	30,911	5,010
Medicaid	19,711	5,685	4,136	7,914	1,529
Other	9,247	2,076	2,486	3,897	777
Uninsured	38,942	7,553	5,805	11,379	1,635
65 and over:					
Private	21,580	1,226	3,167	6,856	650
Medicare and Medicaid	3,185	492	740	1,318	224
Medicare only	14,960	1,119	2,322	5,064	624
Other	3,159	216	608	1,198	210
Uninsured	411	91	*49	131	*
Marital status					
Married	125,149	17,706	18,337	36,508	5,000
Widowed	14,432	1,602	2,573	5,107	636
Divorced or separated	27,632	5,321	6,024	10,128	1,854
Never married	52,816	8,543	5,668	11,445	2,175
Living with a partner	16,910	3,761	2,732	5,571	1,066
Place of residence <sup>11</sup>					
Large MSA	127,881	18,345	18,117	34,637	5,287
Small MSA	73,440	12,326	11,000	22,392	3,647
Not in MSA	36,074	6,313	6,266	11,837	1,817
Region					
Northeast	41,590	5,361	5,741	11,547	1,654
Midwest	53,833	8,952	7,935	16,158	2,424
South	87,664	14,080	12,718	25,275	3,810
West	54,307	8,592	8,989	15,886	2,864

Selected characteristic	All adults aged 18 and over	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Hispanic or Latino origin <sup>4</sup> , race, and sex					
Hispanic or Latino, male	17,870	1,716	1,693	3,880	560
Hispanic or Latina, female	17,834	4,012	2,734	4,748	805
Not Hispanic or Latino:					
White, single race, male	75,979	7,453	10,256	22,282	2,010
White, single race, female	80,880	16,612	14,880	26,369	5,841
Black or African American, single race, male	12,321	1,440	1,494	3,102	373
Black or African American, single race, female	15,094	3,197	2,187	4,636	568

\* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) greater than 30% and less than or equal to 50% and should be used with caution. Data not shown have an RSE greater than 50%.

- Quantity zero.

<sup>1</sup>In separate questions, respondents were asked, "During the past three months, did you have a severe headache or migraine?" They were also asked, "During the past three months, did you have neck pain?" Lastly, they were asked, "During the past three months, did you have low back pain?" Regarding all three questions, respondents were instructed to report pain that had lasted a whole day or more, and conversely, not to report fleeting or minor aches or pains. Persons may be represented in more than one column.

<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 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 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, Villarroel MA, Clarke TC. Tables of Summary Health Statistics for U.S. Adults: 2013 National Health Interview Survey. 2015. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: CDC/NCHS, National Health Interview Survey, 2013.

**Table A-5c. Crude percentages (with standard errors) of migraines and pain in neck, lower back, face, or jaw among adults aged 18 and over, by selected characteristics: United States, 2013**

Selected characteristic	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Total	15.6 (0.28)	14.9 (0.26)	29.0 (0.34)	4.5 (0.15)
Sex				
Male	10.0 (0.35)	12.7 (0.35)	27.1 (0.48)	2.7 (0.18)
Female	20.8 (0.41)	17.0 (0.36)	30.8 (0.46)	6.2 (0.24)
Age (years)				
18–44	18.8 (0.42)	11.2 (0.35)	23.8 (0.47)	4.5 (0.23)
45–64	15.6 (0.45)	19.4 (0.47)	33.7 (0.58)	4.8 (0.25)
65–74	8.1 (0.51)	17.3 (0.75)	33.3 (0.93)	4.3 (0.40)
75 and over	6.2 (0.56)	14.1 (0.80)	34.2 (1.11)	3.6 (0.38)
Race				
One race <sup>2</sup>	15.4 (0.28)	14.8 (0.26)	29.0 (0.34)	4.5 (0.15)
White	15.4 (0.31)	15.4 (0.30)	29.8 (0.39)	4.8 (0.18)
Black or African American	17.2 (0.70)	13.4 (0.60)	28.2 (0.82)	3.5 (0.30)
American Indian or Alaska Native	19.6 (2.87)	17.2 (2.34)	29.6 (3.43)	6.0 (1.61)
Asian	11.1 (0.90)	9.4 (0.77)	18.5 (1.12)	2.2 (0.37)
Native Hawaiian or Other Pacific Islander	*24.3 (9.27)	*	*34.6 (10.52)	-
Two or more races <sup>3</sup>	25.3 (2.43)	20.5 (2.01)	31.6 (2.29)	7.1 (1.26)
Black or African American, white	*23.5 (7.21)	15.1 (4.01)	30.1 (5.64)	*4.8 (2.16)
American Indian or Alaska Native, white	26.6 (3.26)	23.3 (3.33)	38.1 (3.78)	11.9 (2.54)
Hispanic or Latino origin <sup>4</sup> and race				
Hispanic or Latino	16.0 (0.63)	12.4 (0.50)	24.2 (0.68)	3.8 (0.31)
Mexican or Mexican American	16.0 (0.80)	11.8 (0.64)	22.2 (0.83)	3.4 (0.37)
Not Hispanic or Latino	15.5 (0.30)	15.4 (0.29)	29.9 (0.38)	4.7 (0.17)
White, single race	15.4 (0.35)	16.0 (0.34)	31.1 (0.44)	5.0 (0.20)
Black or African American, single race	16.9 (0.71)	13.4 (0.60)	28.2 (0.84)	3.4 (0.30)
Education <sup>5</sup>				
Less than a high school diploma	17.7 (0.71)	18.3 (0.69)	35.6 (0.91)	4.5 (0.35)
High school diploma or GED <sup>6</sup>	15.4 (0.56)	16.9 (0.57)	32.9 (0.71)	4.4 (0.33)
Some college	18.5 (0.54)	18.2 (0.52)	33.7 (0.66)	5.6 (0.30)
Bachelor's degree or higher	11.6 (0.41)	12.7 (0.44)	24.1 (0.55)	4.0 (0.25)
Current employment status <sup>7</sup>				
Employed	14.6 (0.34)	12.3 (0.30)	25.0 (0.41)	3.7 (0.18)
Full-time	14.0 (0.37)	12.4 (0.33)	24.6 (0.45)	3.6 (0.19)
Part-time	17.4 (0.89)	12.0 (0.72)	26.1 (1.03)	4.4 (0.50)
Not employed but has worked previously	17.5 (0.45)	20.4 (0.47)	37.8 (0.58)	6.2 (0.27)
Not employed and has never worked	15.6 (1.15)	10.8 (0.92)	22.2 (1.33)	3.6 (0.49)

**Table A-5c. Crude percentages (with standard errors) of migraines and pain in neck, lower back, face, or jaw among adults aged 18 and over, by selected characteristics: United States, 2013**

Selected characteristic	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Family income <sup>8</sup>				
Less than \$35,000	20.3 (0.50)	19.0 (0.46)	34.9 (0.55)	5.8 (0.26)
\$35,000 or more	13.7 (0.33)	13.2 (0.33)	26.5 (0.43)	4.0 (0.18)
\$35,000–\$49,999	15.3 (0.68)	14.6 (0.66)	30.7 (0.94)	4.9 (0.39)
\$50,000–\$74,999	14.3 (0.62)	13.8 (0.60)	27.2 (0.81)	3.7 (0.33)
\$75,000–\$99,999	14.6 (0.78)	13.0 (0.73)	25.8 (0.99)	3.8 (0.40)
\$100,000 or more	11.9 (0.55)	12.0 (0.55)	23.8 (0.72)	3.9 (0.33)
Poverty status <sup>9</sup>				
Poor	25.7 (0.84)	20.9 (0.72)	36.9 (0.89)	6.6 (0.41)
Near poor	18.1 (0.66)	16.1 (0.61)	33.0 (0.84)	5.2 (0.36)
Not poor	13.1 (0.32)	13.3 (0.32)	26.3 (0.42)	4.0 (0.18)
Health insurance coverage <sup>10</sup>				
Under 65:				
Private	14.7 (0.36)	12.7 (0.34)	24.7 (0.45)	4.0 (0.20)
Medicaid	28.9 (1.09)	21.0 (0.94)	40.2 (1.22)	7.8 (0.66)
Other	22.5 (1.41)	26.9 (1.56)	42.2 (1.69)	8.4 (0.97)
Uninsured	19.4 (0.74)	14.9 (0.60)	29.2 (0.84)	4.2 (0.31)
65 and over:				
Private	5.7 (0.50)	14.7 (0.74)	31.8 (0.96)	3.0 (0.33)
Medicare and Medicaid	15.5 (1.56)	23.3 (1.82)	41.5 (2.33)	7.1 (1.08)
Medicare only	7.5 (0.70)	15.5 (0.99)	33.9 (1.29)	4.2 (0.57)
Other	6.8 (1.37)	19.3 (2.10)	38.0 (2.61)	6.6 (1.42)
Uninsured	22.0 (5.81)	*11.9 (4.47)	32.0 (6.41)	*
Marital status				
Married	14.2 (0.37)	14.7 (0.36)	29.2 (0.45)	4.0 (0.20)
Widowed	11.1 (0.77)	17.9 (0.94)	35.4 (1.13)	4.4 (0.48)
Divorced or separated	19.3 (0.69)	21.8 (0.71)	36.7 (0.81)	6.7 (0.42)
Never married	16.2 (0.58)	10.7 (0.46)	21.7 (0.66)	4.1 (0.31)
Living with a partner	22.3 (1.10)	16.2 (0.98)	32.9 (1.30)	6.3 (0.64)
Place of residence <sup>11</sup>				
Large MSA	14.4 (0.36)	14.2 (0.35)	27.1 (0.44)	4.1 (0.20)
Small MSA	16.8 (0.54)	15.0 (0.48)	30.5 (0.65)	5.0 (0.30)
Not in MSA	17.5 (0.73)	17.4 (0.72)	32.8 (0.91)	5.0 (0.39)
Region				
Northeast	12.9 (0.62)	13.8 (0.69)	27.8 (0.87)	4.0 (0.33)
Midwest	16.6 (0.66)	14.7 (0.56)	30.0 (0.73)	4.5 (0.32)
South	16.1 (0.46)	14.5 (0.38)	28.9 (0.56)	4.4 (0.25)
West	15.8 (0.50)	16.6 (0.55)	29.3 (0.67)	5.3 (0.34)



**Table A-5c. Crude percentages (with standard errors) of migraines and pain in neck, lower back, face, or jaw among adults aged 18 and over, by selected characteristics: United States, 2013**

Selected characteristic	Migraines or severe headaches <sup>1</sup>	Pain in neck <sup>1</sup>	Pain in lower back <sup>1</sup>	Pain in face or jaw <sup>1</sup>
Hispanic or Latino origin <sup>4</sup> , race, and sex				
Hispanic or Latino, male	9.6 (0.73)	9.5 (0.62)	21.7 (0.97)	3.1 (0.43)
Hispanic or Latina, female	22.5 (0.95)	15.3 (0.77)	26.6 (0.94)	4.5 (0.45)
Not Hispanic or Latino:				
White, single race, male	9.8 (0.43)	13.5 (0.46)	29.4 (0.63)	2.7 (0.22)
White, single race, female	20.6 (0.51)	18.4 (0.47)	32.6 (0.60)	7.2 (0.33)
Black or African American, single race, male	11.7 (0.96)	12.1 (0.93)	25.2 (1.27)	3.0 (0.47)
Black or African American, single race, female	21.2 (1.01)	14.5 (0.82)	30.7 (1.11)	3.8 (0.41)

\* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) greater than 30% and less than or equal to 50% and should be used with caution. Data not shown have an RSE greater than 50%.

- Quantity zero.

<sup>1</sup>In separate questions, respondents were asked, "During the past three months, did you have a severe headache or migraine?" They were also asked, "During the past three months, did you have neck pain?" Lastly, they were asked, "During the past three months, did you have low back pain?" Regarding all three questions, respondents were instructed to report pain that had lasted a whole day or more, and conversely, not to report fleeting or minor aches or pains. Persons may be represented in more than one column.

<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 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. 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, Clarke TC. Tables of Summary Health Statistics for U.S. Adults: 2013 National Health Interview Survey. 2015. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: CDC/NCHS, National Health Interview Survey, 2013.