

Table A-4a. Age-adjusted percentages (with standard errors) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Total	8.9 (0.20)	5.8 (0.16)	1.9 (0.09)	1.5 (0.08)	21.0 (0.27)	28.4 (0.35)
Sex						
Male	9.4 (0.29)	5.7 (0.24)	2.1 (0.14)	1.5 (0.12)	18.6 (0.39)	27.3 (0.50)
Female	8.4 (0.25)	6.0 (0.23)	1.7 (0.10)	1.6 (0.12)	23.1 (0.36)	29.2 (0.42)
Age (years)						
18–44	2.2 (0.16)	3.5 (0.20)	0.5 (0.07)	0.9 (0.10)	7.0 (0.27)	16.8 (0.44)
45–64	13.0 (0.45)	7.6 (0.32)	2.1 (0.18)	2.4 (0.19)	29.0 (0.59)	37.5 (0.64)
65–74	22.8 (0.88)	9.3 (0.58)	4.1 (0.39)	2.5 (0.31)	48.6 (0.99)	47.4 (0.98)
75 and over	21.8 (0.95)	10.1 (0.67)	7.1 (0.57)	1.3 (0.24)	53.4 (1.14)	49.8 (1.12)
Race						
One race ²	8.8 (0.20)	5.8 (0.16)	1.8 (0.09)	1.5 (0.08)	21.0 (0.27)	28.3 (0.35)
White	8.1 (0.22)	5.9 (0.19)	1.8 (0.09)	1.5 (0.10)	21.5 (0.32)	29.2 (0.39)
Black or African American	13.1 (0.55)	5.1 (0.39)	2.4 (0.22)	0.9 (0.14)	22.6 (0.65)	27.1 (0.80)
American Indian or Alaska Native	20.9 (2.94)	11.1 (2.58)	*6.1 (2.03)	*3.7 (1.13)	22.1 (3.01)	30.9 (3.80)
Asian	9.0 (0.81)	5.1 (0.68)	1.6 (0.41)	1.8 (0.39)	11.8 (0.85)	19.1 (1.16)
Native Hawaiian or Other Pacific Islander	11.7 (3.38)	*	*	-	14.1 (3.15)	33.6 (5.23)
Two or more races ³	11.9 (1.74)	7.4 (1.20)	4.2 (1.02)	3.3 (0.97)	23.3 (2.07)	33.8 (2.51)
Black or African American, white	*10.1 (4.34)	*4.9 (2.23)	*	*	20.7 (5.27)	36.1 (4.82)
American Indian or Alaska Native, white	14.8 (3.33)	8.9 (2.11)	*4.2 (1.35)	*4.1 (1.38)	29.5 (3.21)	38.3 (4.57)
Hispanic or Latino origin ⁴ and race						
Hispanic or Latino	12.2 (0.56)	5.0 (0.38)	2.2 (0.24)	1.8 (0.20)	14.9 (0.60)	22.8 (0.79)
Mexican or Mexican American	14.1 (0.79)	5.0 (0.53)	2.6 (0.36)	1.9 (0.27)	14.9 (0.85)	23.7 (1.03)
Not Hispanic or Latino	8.5 (0.21)	6.0 (0.19)	1.8 (0.09)	1.5 (0.09)	22.0 (0.31)	29.3 (0.39)
White, single race	7.6 (0.23)	6.1 (0.22)	1.7 (0.10)	1.5 (0.11)	22.8 (0.37)	30.6 (0.45)
Black or African American, single race	13.0 (0.57)	4.8 (0.38)	2.4 (0.23)	0.9 (0.15)	22.7 (0.66)	27.1 (0.82)
Education ⁵						
Less than a high school diploma	14.9 (0.67)	9.3 (0.60)	3.6 (0.40)	2.7 (0.34)	24.8 (0.82)	31.7 (0.98)
High school diploma or GED ⁶	11.5 (0.46)	6.9 (0.39)	2.3 (0.21)	1.9 (0.21)	26.1 (0.65)	32.8 (0.73)
Some college	10.2 (0.41)	7.3 (0.38)	2.2 (0.20)	1.7 (0.18)	26.3 (0.60)	35.3 (0.65)
Bachelor's degree or higher	7.1 (0.34)	4.5 (0.25)	1.3 (0.15)	1.2 (0.14)	20.2 (0.52)	26.8 (0.61)
Current employment status ⁷						
Employed	7.0 (0.36)	4.5 (0.25)	1.0 (0.12)	1.0 (0.12)	17.7 (0.49)	26.1 (0.57)
Full-time	6.5 (0.48)	4.1 (0.22)	0.9 (0.14)	0.8 (0.09)	16.5 (0.67)	25.5 (0.78)
Part-time	8.4 (0.69)	5.1 (0.52)	1.3 (0.24)	1.6 (0.34)	18.6 (0.83)	26.4 (0.99)
Not employed but has worked previously	11.6 (0.39)	8.3 (0.38)	3.2 (0.22)	2.6 (0.21)	28.1 (0.60)	34.8 (0.71)
Not employed and has never worked	11.4 (0.99)	5.3 (0.76)	1.7 (0.28)	1.9 (0.39)	18.6 (1.17)	20.3 (1.23)

Table A-4a. Age-adjusted percentages (with standard errors) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Family income ⁸						
Less than \$35,000	12.4 (0.38)	8.1 (0.36)	3.0 (0.18)	2.6 (0.20)	24.8 (0.49)	32.8 (0.58)
\$35,000 or more	7.5 (0.25)	5.0 (0.20)	1.4 (0.12)	1.1 (0.10)	20.0 (0.36)	27.4 (0.45)
\$35,000–\$49,999	10.5 (0.60)	6.1 (0.49)	2.2 (0.31)	1.1 (0.23)	20.9 (0.82)	29.2 (0.93)
\$50,000–\$74,999	8.4 (0.51)	6.0 (0.44)	1.7 (0.25)	1.3 (0.21)	22.1 (0.68)	28.6 (0.85)
\$75,000–\$99,999	7.5 (0.58)	5.0 (0.45)	1.6 (0.28)	1.5 (0.27)	20.5 (0.79)	28.3 (1.02)
\$100,000 or more	6.1 (0.43)	3.9 (0.30)	0.7 (0.14)	0.8 (0.15)	18.3 (0.61)	25.9 (0.76)
Poverty status ⁹						
Poor	13.9 (0.67)	8.4 (0.49)	4.1 (0.36)	3.0 (0.34)	26.2 (0.79)	33.6 (0.84)
Near poor	12.0 (0.49)	7.5 (0.45)	2.5 (0.22)	2.1 (0.22)	23.3 (0.62)	31.3 (0.79)
Not poor	7.5 (0.23)	5.2 (0.20)	1.4 (0.10)	1.2 (0.10)	20.0 (0.34)	27.3 (0.44)
Health insurance coverage ¹⁰						
Under 65:						
Private	4.9 (0.21)	4.1 (0.19)	0.7 (0.08)	1.0 (0.10)	13.5 (0.33)	22.6 (0.46)
Medicaid	11.5 (0.67)	8.5 (0.57)	3.1 (0.37)	3.4 (0.35)	22.8 (0.87)	32.1 (0.97)
Other coverage	11.0 (1.10)	7.8 (0.88)	2.3 (0.38)	2.6 (0.48)	25.0 (1.59)	35.4 (1.80)
Uninsured	5.6 (0.57)	5.1 (0.48)	1.0 (0.21)	1.5 (0.29)	10.6 (0.72)	20.9 (0.93)
65 and over:						
Private	19.2 (0.91)	8.2 (0.61)	4.5 (0.46)	1.7 (0.29)	51.4 (1.13)	49.0 (1.20)
Medicare and Medicaid	36.7 (2.46)	16.0 (1.85)	10.0 (1.50)	5.2 (1.22)	58.3 (2.65)	53.9 (2.69)
Medicare Advantage	21.9 (1.26)	10.2 (0.93)	4.9 (0.63)	1.5 (0.36)	51.9 (1.54)	49.1 (1.45)
Medicare only	22.3 (1.63)	9.9 (1.15)	4.8 (0.95)	1.5 (0.41)	46.8 (1.88)	43.8 (1.78)
Other coverage	28.1 (2.40)	10.2 (1.64)	10.8 (1.86)	*2.2 (0.91)	49.9 (2.62)	50.0 (2.59)
Uninsured	*11.9 (4.93)	*11.1 (4.91)	*	*	27.7 (7.22)	40.8 (9.44)
Marital status						
Married	8.5 (0.27)	5.7 (0.24)	1.7 (0.12)	1.4 (0.11)	20.9 (0.42)	28.3 (0.51)
Widowed	12.3 (2.65)	*8.4 (2.60)	1.9 (0.30)	1.5 (0.37)	22.9 (1.76)	31.7 (5.20)
Divorced or separated	11.1 (0.57)	7.4 (0.51)	2.8 (0.29)	2.7 (0.38)	25.4 (0.81)	33.5 (0.96)
Never married	9.3 (0.60)	5.2 (0.48)	1.8 (0.24)	1.2 (0.17)	19.1 (0.76)	25.7 (0.85)
Living with a partner	9.5 (1.15)	8.8 (0.91)	*1.7 (0.54)	1.9 (0.49)	21.5 (1.35)	30.8 (1.45)
Place of residence ¹¹						
Large MSA	8.6 (0.27)	5.0 (0.21)	1.7 (0.12)	1.3 (0.11)	18.8 (0.37)	25.9 (0.44)
Small MSA	8.9 (0.36)	5.9 (0.32)	1.9 (0.15)	1.8 (0.16)	22.9 (0.48)	30.5 (0.70)
Not in MSA	10.0 (0.50)	8.7 (0.45)	2.2 (0.24)	1.9 (0.24)	25.9 (0.85)	33.6 (0.93)
Region						
Northeast	7.7 (0.47)	4.8 (0.41)	1.4 (0.18)	1.5 (0.23)	21.7 (0.70)	26.5 (0.82)
Midwest	9.0 (0.40)	6.0 (0.33)	2.0 (0.19)	1.3 (0.15)	23.4 (0.61)	30.7 (0.75)
South	9.7 (0.35)	6.1 (0.27)	2.0 (0.15)	1.7 (0.13)	20.4 (0.43)	27.9 (0.58)
West	8.3 (0.38)	5.9 (0.34)	1.9 (0.18)	1.6 (0.17)	19.3 (0.53)	28.3 (0.68)

Table A-4a. Age-adjusted percentages (with standard errors) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Hispanic or Latino origin ⁴ , race, and sex						
Hispanic or Latino, male	12.3 (0.87)	5.1 (0.57)	2.5 (0.43)	1.6 (0.29)	11.2 (0.78)	20.7 (1.15)
Hispanic or Latina, female	12.3 (0.71)	5.0 (0.51)	1.9 (0.28)	1.9 (0.29)	18.4 (0.86)	24.6 (0.98)
Not Hispanic or Latino:						
White, single race, male	8.4 (0.34)	5.9 (0.31)	1.9 (0.16)	1.5 (0.16)	20.8 (0.53)	30.2 (0.65)
White, single race, female	6.9 (0.28)	6.5 (0.31)	1.5 (0.13)	1.6 (0.16)	24.7 (0.49)	30.9 (0.56)
Black or African American, single race, male	11.8 (0.86)	5.1 (0.61)	2.2 (0.40)	1.1 (0.24)	18.8 (0.96)	23.1 (1.17)
Black or African American, single race, female	13.8 (0.76)	4.7 (0.49)	2.6 (0.31)	0.8 (0.19)	25.7 (0.88)	30.0 (1.04)

* 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.

¹In separate questions, respondents were asked if they had ever been told by a doctor or other health professional that they had an ulcer (including a stomach, duodenal, or peptic ulcer) or diabetes (or sugar diabetes; female respondents were instructed to exclude pregnancy-related diabetes). Responses from persons who said they had "borderline" diabetes were treated as unknown with respect to diabetes.

Respondents were also asked in separate questions if they had been told in the last 12 months by a doctor or other health professional that they had: weak or failing kidneys (excluding kidney stones, bladder infections, or incontinence) or any kind of liver condition.

Lastly, respondents were asked if they had ever been told by a doctor or other health professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia. Those who answered yes were classified as having an arthritis diagnosis. Respondents were also asked: "During the past 30 days, have you had pain, aching or stiffness in or around a joint?" (excluding back and neck) and, if yes, "Did your joint symptoms first begin more than 3 months ago?" Respondents with symptoms that began more than 3 months ago were classified in this table as having chronic joint symptoms.

A person may be represented in more than one column.

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

³Refers 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.

⁴Refers 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.

⁵Shown 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.

⁶GED is General Educational Development high school equivalency diploma.

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

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

⁹"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.

¹⁰Based 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.

¹¹MSA 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: 2015 National Health Interview Survey. National Center for Health Statistics. 2016. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: NCHS, National Health Interview Survey, 2015.

Table A-4b. Frequencies (in thousands) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	All adults aged 18 and over	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Total	242,501	23,161	14,765	4,850	3,934	55,386	72,532
Sex							
Male	116,875	11,538	6,836	2,481	1,836	23,054	33,063
Female	125,625	11,623	7,930	2,369	2,098	32,332	39,469
Age (years)							
18–44	112,760	2,469	3,955	613	1,003	7,846	18,886
45–64	83,239	10,603	6,342	1,754	2,008	24,054	31,179
65–74	27,297	6,016	2,529	1,130	683	13,244	12,913
75 and over	19,204	4,073	1,938	1,353	241	10,243	9,555
Race							
One race ²	238,301	22,729	14,457	4,698	3,799	54,543	71,199
White	191,218	17,342	12,029	3,746	3,186	45,908	59,706
Black or African American	29,796	3,732	1,481	658	271	6,558	8,023
American Indian or Alaska Native	2,307	424	229	*99	82	483	698
Asian	14,360	1,190	704	193	259	1,541	2,596
Native Hawaiian or Other Pacific Islander	619	*42	*	*	-	*53	176
Two or more races ³	4,200	431	309	151	*135	843	1,334
Black or African American, white	851	*36	*47	*	*	*94	176
American Indian or Alaska Native, white	1,647	264	170	*77	*85	527	651
Hispanic or Latino origin ⁴ and race							
Hispanic or Latino	37,755	3,616	1,683	643	625	4,437	7,765
Mexican or Mexican American	22,992	2,293	937	449	385	2,426	4,684
Not Hispanic or Latino	204,746	19,545	13,082	4,206	3,309	50,949	64,768
White, single race	157,410	14,174	10,559	3,146	2,647	42,022	52,961
Black or African American, single race	28,418	3,586	1,352	649	271	6,352	7,690
Education ⁵							
Less than a high school diploma	26,648	4,560	2,648	1,128	753	7,822	9,379
High school diploma or GED ⁶	50,847	6,780	3,737	1,397	1,046	15,304	18,214
Some college	61,605	6,518	4,549	1,385	1,109	16,860	22,393
Bachelor's degree or higher	72,373	4,955	3,230	882	887	14,641	19,417
Current employment status ⁷							
Employed	148,914	8,507	6,512	1,086	1,556	21,814	36,155
Full-time	121,609	6,530	5,243	780	1,125	17,442	29,420
Part-time	25,508	1,838	1,181	296	386	4,007	6,167
Not employed but has worked previously	79,530	13,323	7,639	3,526	2,169	31,269	33,796
Not employed and has never worked	13,899	1,323	608	237	209	2,294	2,558

Table A-4b. Frequencies (in thousands) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	All adults aged 18 and over	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Family income⁸							
Less than \$35,000	66,342	8,878	5,631	2,202	1,775	18,253	22,995
\$35,000 or more	148,656	11,406	7,658	2,020	1,749	30,806	41,890
\$35,000–\$49,999	25,114	2,735	1,589	572	291	5,588	7,540
\$50,000–\$74,999	37,018	3,293	2,269	644	485	8,675	11,026
\$75,000–\$99,999	27,607	2,098	1,438	437	440	5,811	8,028
\$100,000 or more	58,917	3,280	2,363	367	533	10,732	15,297
Poverty status⁹							
Poor	28,022	3,353	2,176	1,016	805	6,487	8,754
Near poor	42,375	5,257	3,252	1,144	890	10,531	13,703
Not poor	159,450	13,324	8,789	2,374	2,053	35,427	46,596
Health insurance coverage¹⁰							
Under 65:							
Private	135,220	7,633	5,856	1,005	1,439	20,527	32,691
Medicaid	25,313	2,773	2,115	772	831	5,614	7,994
Other coverage	9,086	1,422	1,021	345	363	3,277	4,081
Uninsured	24,896	1,204	1,235	245	351	2,380	4,942
65 and over:							
Private	19,581	3,623	1,589	832	343	10,001	9,584
Medicare and Medicaid	3,267	1,174	521	326	168	1,902	1,761
Medicare Advantage	11,634	2,484	1,171	550	182	5,965	5,649
Medicare only	7,890	1,706	772	373	126	3,663	3,452
Other coverage	3,808	1,061	384	391	*93	1,870	1,905
Uninsured	249	*36	*31	*	*	76	96
Marital status							
Married	128,583	12,812	7,900	2,434	2,017	31,055	40,044
Widowed	14,720	2,948	1,330	693	350	7,459	7,240
Divorced or separated	27,858	3,915	2,382	948	838	8,869	10,849
Never married	53,374	2,522	1,750	571	467	5,046	9,611
Living with a partner	17,665	945	1,380	194	246	2,901	4,692
Place of residence¹¹							
Large MSA	134,062	11,895	6,843	2,395	1,872	26,402	35,870
Small MSA	74,299	7,086	4,594	1,535	1,361	18,470	23,833
Not in MSA	34,140	4,180	3,328	919	701	10,515	12,829
Region							
Northeast	42,320	3,698	2,169	665	650	10,400	12,233
Midwest	54,367	5,237	3,442	1,188	715	13,670	17,447
South	90,015	9,519	5,801	1,945	1,648	20,277	26,761
West	55,798	4,707	3,353	1,052	922	11,039	16,091

Table A-4b. Frequencies (in thousands) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	All adults aged 18 and over	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Hispanic or Latino origin ⁴ , race, and sex							
Hispanic or Latino, male	18,798	1,687	802	328	289	1,500	3,508
Hispanic or Latina, female	18,957	1,929	882	315	336	2,937	4,257
Not Hispanic or Latino:							
White, single race, male	76,483	7,487	4,902	1,697	1,258	18,130	24,807
White, single race, female	80,927	6,687	5,657	1,449	1,389	23,891	28,154
Black or African American, single race, male	12,771	1,448	608	242	148	2,280	2,918
Black or African American, single race, female	15,647	2,138	745	407	123	4,071	4,772

* 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.

¹In separate questions, respondents were asked if they had ever been told by a doctor or other health professional that they had an ulcer (including a stomach, duodenal, or peptic ulcer) or diabetes (or sugar diabetes; female respondents were instructed to exclude pregnancy-related diabetes). Responses from persons who said they had "borderline" diabetes were treated as unknown with respect to diabetes.

Respondents were also asked in separate questions if they had been told in the last 12 months by a doctor or other health professional that they had: weak or failing kidneys (excluding kidney stones, bladder infections, or incontinence) or any kind of liver condition.

Lastly, respondents were asked if they had ever been told by a doctor or other health professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia. Those who answered yes were classified as having an arthritis diagnosis. Respondents were also asked: "During the past 30 days, have you had pain, aching or stiffness in or around a joint?" (excluding back and neck) and, if yes, "Did your joint symptoms first begin more than 3 months ago?" Respondents with symptoms that began more than 3 months ago were classified in this table as having chronic joint symptoms.

A person may be represented in more than one column.

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

³Refers 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.

⁴Refers 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.

⁵Shown only for adults aged 25 and over.

⁶GED is General Educational Development high school equivalency diploma.

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

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

⁹"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.

¹⁰Based 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.

¹¹MSA 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. Tables of Summary Health Statistics for U.S. Adults: 2015 National Health Interview Survey. National Center for Health Statistics. 2016. Available from: <http://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: NCHS, National Health Interview Survey, 2015.

Table A-4c. Crude percentages (with standard errors) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Total	9.7 (0.22)	6.1 (0.17)	2.0 (0.09)	1.6 (0.09)	22.9 (0.32)	29.9 (0.37)
Sex						
Male	10.0 (0.33)	5.9 (0.25)	2.1 (0.15)	1.6 (0.13)	19.8 (0.45)	28.3 (0.53)
Female	9.4 (0.28)	6.3 (0.23)	1.9 (0.11)	1.7 (0.12)	25.8 (0.43)	31.4 (0.47)
Age (years)						
18–44	2.2 (0.16)	3.5 (0.20)	0.5 (0.07)	0.9 (0.10)	7.0 (0.27)	16.8 (0.44)
45–64	13.0 (0.45)	7.6 (0.32)	2.1 (0.18)	2.4 (0.19)	29.0 (0.59)	37.5 (0.64)
65–74	22.8 (0.88)	9.3 (0.58)	4.1 (0.39)	2.5 (0.31)	48.6 (0.99)	47.4 (0.98)
75 and over	21.8 (0.95)	10.1 (0.67)	7.1 (0.57)	1.3 (0.24)	53.4 (1.14)	49.8 (1.12)
Race						
One race ²	9.7 (0.22)	6.1 (0.17)	2.0 (0.09)	1.6 (0.09)	22.9 (0.33)	29.9 (0.38)
White	9.2 (0.25)	6.3 (0.20)	2.0 (0.11)	1.7 (0.10)	24.0 (0.38)	31.3 (0.42)
Black or African American	12.7 (0.60)	5.0 (0.39)	2.2 (0.21)	0.9 (0.14)	22.0 (0.74)	27.0 (0.86)
American Indian or Alaska Native	19.0 (2.95)	9.9 (2.37)	*4.3 (1.95)	3.5 (1.04)	20.9 (3.19)	30.2 (3.81)
Asian	8.4 (0.81)	4.9 (0.66)	1.3 (0.33)	1.8 (0.40)	10.8 (0.91)	18.1 (1.20)
Native Hawaiian or Other Pacific Islander	*6.9 (3.07)	*	*	-	*8.8 (2.67)	28.4 (6.31)
Two or more races ³	10.4 (1.63)	7.3 (1.23)	3.6 (0.93)	*3.2 (0.99)	20.1 (2.06)	31.8 (2.50)
Black or African American, white	*4.3 (1.69)	*5.6 (2.24)	*	*	*11.0 (3.55)	20.7 (4.93)
American Indian or Alaska Native, white	16.2 (3.40)	10.3 (2.54)	*4.7 (1.56)	*5.2 (1.90)	32.0 (3.97)	39.5 (4.41)
Hispanic or Latino origin ⁴ and race						
Hispanic or Latino	9.7 (0.51)	4.5 (0.33)	1.7 (0.19)	1.7 (0.20)	11.8 (0.54)	20.6 (0.75)
Mexican or Mexican American	10.1 (0.69)	4.1 (0.41)	2.0 (0.28)	1.7 (0.25)	10.6 (0.70)	20.4 (0.98)
Not Hispanic or Latino	9.7 (0.24)	6.4 (0.20)	2.1 (0.10)	1.6 (0.10)	24.9 (0.37)	31.7 (0.42)
White, single race	9.1 (0.27)	6.7 (0.23)	2.0 (0.12)	1.7 (0.12)	26.7 (0.44)	33.7 (0.48)
Black or African American, single race	12.8 (0.62)	4.8 (0.39)	2.3 (0.22)	1.0 (0.15)	22.4 (0.77)	27.1 (0.88)
Education ⁵						
Less than a high school diploma	17.4 (0.76)	10.0 (0.62)	4.2 (0.44)	2.8 (0.36)	29.4 (0.94)	35.2 (1.02)
High school diploma or GED ⁶	13.6 (0.54)	7.4 (0.40)	2.8 (0.25)	2.1 (0.22)	30.1 (0.72)	35.8 (0.75)
Some college	10.8 (0.44)	7.4 (0.38)	2.2 (0.20)	1.8 (0.19)	27.4 (0.66)	36.4 (0.67)
Bachelor's degree or higher	6.9 (0.35)	4.5 (0.25)	1.2 (0.13)	1.2 (0.14)	20.3 (0.58)	26.9 (0.65)
Current employment status ⁷						
Employed	5.8 (0.23)	4.4 (0.19)	0.7 (0.07)	1.0 (0.10)	14.7 (0.35)	24.3 (0.46)
Full-time	5.4 (0.25)	4.3 (0.21)	0.6 (0.08)	0.9 (0.10)	14.4 (0.39)	24.2 (0.51)
Part-time	7.3 (0.59)	4.6 (0.46)	1.2 (0.21)	1.5 (0.31)	15.7 (0.80)	24.2 (0.97)
Not employed but has worked previously	17.1 (0.47)	9.6 (0.35)	4.4 (0.24)	2.7 (0.19)	39.4 (0.61)	42.5 (0.62)
Not employed and has never worked	9.6 (0.81)	4.4 (0.60)	1.7 (0.29)	1.5 (0.30)	16.5 (1.05)	18.4 (1.14)

Table A-4c. Crude percentages (with standard errors) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Family income ⁸						
Less than \$35,000	13.7 (0.44)	8.5 (0.36)	3.3 (0.20)	2.7 (0.20)	27.5 (0.59)	34.7 (0.63)
\$35,000 or more	7.8 (0.26)	5.2 (0.21)	1.4 (0.11)	1.2 (0.10)	20.7 (0.41)	28.2 (0.48)
\$35,000–\$49,999	11.0 (0.65)	6.3 (0.51)	2.3 (0.33)	1.2 (0.23)	22.3 (0.95)	30.0 (1.00)
\$50,000–\$74,999	9.0 (0.56)	6.1 (0.45)	1.7 (0.25)	1.3 (0.21)	23.5 (0.77)	29.8 (0.91)
\$75,000–\$99,999	7.7 (0.62)	5.2 (0.45)	1.6 (0.28)	1.6 (0.28)	21.1 (0.91)	29.1 (1.05)
\$100,000 or more	5.6 (0.40)	4.0 (0.30)	0.6 (0.11)	0.9 (0.17)	18.2 (0.66)	26.0 (0.79)
Poverty status ⁹						
Poor	12.1 (0.67)	7.8 (0.47)	3.6 (0.34)	2.9 (0.33)	23.2 (0.87)	31.3 (0.93)
Near poor	12.6 (0.54)	7.7 (0.45)	2.7 (0.24)	2.1 (0.22)	24.9 (0.71)	32.4 (0.84)
Not poor	8.5 (0.27)	5.5 (0.21)	1.5 (0.11)	1.3 (0.10)	22.2 (0.41)	29.2 (0.47)
Health insurance coverage ¹⁰						
Under 65:						
Private	5.7 (0.24)	4.3 (0.20)	0.7 (0.08)	1.1 (0.11)	15.2 (0.39)	24.2 (0.48)
Medicaid	11.1 (0.68)	8.4 (0.57)	3.1 (0.37)	3.3 (0.35)	22.3 (0.93)	31.6 (1.03)
Other coverage	16.0 (1.35)	11.2 (1.14)	3.8 (0.65)	4.0 (0.72)	36.1 (1.85)	44.9 (1.81)
Uninsured	4.9 (0.50)	5.0 (0.46)	1.0 (0.20)	1.4 (0.27)	9.6 (0.67)	19.9 (0.90)
65 and over:						
Private	19.1 (0.91)	8.1 (0.61)	4.3 (0.44)	1.8 (0.29)	51.1 (1.12)	49.0 (1.20)
Medicare and Medicaid	36.7 (2.46)	16.0 (1.85)	10.0 (1.50)	5.1 (1.23)	58.3 (2.64)	53.9 (2.70)
Medicare Advantage	22.0 (1.26)	10.1 (0.92)	4.7 (0.62)	1.6 (0.37)	51.4 (1.56)	48.7 (1.46)
Medicare only	22.2 (1.61)	9.8 (1.11)	4.7 (0.89)	1.6 (0.44)	46.6 (1.88)	43.8 (1.78)
Other coverage	28.9 (2.53)	10.1 (1.66)	10.3 (1.82)	*2.5 (1.06)	49.2 (2.62)	50.0 (2.59)
Uninsured	*15.5 (6.93)	*12.4 (5.13)	*	*	30.6 (7.74)	38.6 (8.50)
Marital status						
Married	10.1 (0.32)	6.1 (0.25)	1.9 (0.14)	1.6 (0.12)	24.2 (0.49)	31.2 (0.53)
Widowed	20.6 (1.02)	9.1 (0.65)	4.7 (0.46)	2.4 (0.40)	50.8 (1.20)	49.3 (1.19)
Divorced or separated	14.4 (0.62)	8.6 (0.49)	3.4 (0.32)	3.0 (0.33)	32.0 (0.84)	39.1 (0.88)
Never married	4.8 (0.32)	3.3 (0.25)	1.1 (0.13)	0.9 (0.13)	9.5 (0.41)	18.0 (0.62)
Living with a partner	5.4 (0.61)	7.8 (0.75)	1.1 (0.25)	1.4 (0.30)	16.4 (1.02)	26.6 (1.23)
Place of residence ¹¹						
Large MSA	9.0 (0.29)	5.1 (0.22)	1.8 (0.12)	1.4 (0.11)	19.7 (0.44)	26.8 (0.48)
Small MSA	9.7 (0.40)	6.2 (0.33)	2.1 (0.16)	1.8 (0.17)	24.9 (0.58)	32.1 (0.72)
Not in MSA	12.4 (0.60)	9.8 (0.45)	2.7 (0.29)	2.1 (0.24)	30.8 (0.92)	37.6 (0.96)
Region						
Northeast	8.9 (0.53)	5.1 (0.44)	1.6 (0.19)	1.5 (0.24)	24.6 (0.84)	28.9 (0.92)
Midwest	9.8 (0.45)	6.3 (0.35)	2.2 (0.21)	1.3 (0.15)	25.2 (0.72)	32.2 (0.77)
South	10.7 (0.40)	6.5 (0.28)	2.2 (0.17)	1.8 (0.15)	22.5 (0.52)	29.7 (0.64)
West	8.5 (0.40)	6.0 (0.35)	1.9 (0.18)	1.7 (0.18)	19.8 (0.61)	28.9 (0.72)

Table A-4c. Crude percentages (with standard errors) of selected diseases and conditions among adults aged 18 and over, by selected characteristics: United States, 2015

Selected characteristic	Diabetes ¹	Ulcers ¹	Kidney disease ¹	Liver disease ¹	Arthritis diagnosis ¹	Chronic joint symptoms ¹
Hispanic or Latino origin ⁴ , race, and sex						
Hispanic or Latino, male	9.1 (0.76)	4.3 (0.46)	1.7 (0.30)	1.5 (0.29)	8.0 (0.63)	18.7 (1.11)
Hispanic or Latina, female	10.3 (0.64)	4.7 (0.47)	1.7 (0.25)	1.8 (0.28)	15.5 (0.81)	22.5 (0.95)
Not Hispanic or Latino:						
White, single race, male	10.0 (0.41)	6.4 (0.33)	2.2 (0.19)	1.6 (0.17)	23.7 (0.63)	32.5 (0.69)
White, single race, female	8.4 (0.34)	7.0 (0.31)	1.8 (0.15)	1.7 (0.17)	29.6 (0.59)	34.8 (0.60)
Black or African American, single race, male	11.5 (0.90)	4.8 (0.58)	1.9 (0.32)	1.2 (0.25)	17.9 (1.04)	22.9 (1.23)
Black or African American, single race, female	13.9 (0.83)	4.8 (0.49)	2.6 (0.32)	0.8 (0.19)	26.1 (1.06)	30.5 (1.16)

* 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.

¹In separate questions, respondents were asked if they had ever been told by a doctor or other health professional that they had an ulcer (including a stomach, duodenal, or peptic ulcer) or diabetes (or sugar diabetes; female respondents were instructed to exclude pregnancy-related diabetes). Responses from persons who said they had "borderline" diabetes were treated as unknown with respect to diabetes.

Respondents were also asked in separate questions if they had been told in the last 12 months by a doctor or other health professional that they had: weak or failing kidneys (excluding kidney stones, bladder infections, or incontinence) or any kind of liver condition.

Lastly, respondents were asked if they had ever been told by a doctor or other health professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia. Those who answered yes were classified as having an arthritis diagnosis. Respondents were also asked: "During the past 30 days, have you had pain, aching or stiffness in or around a joint?" (excluding back and neck) and, if yes, "Did your joint symptoms first begin more than 3 months ago?" Respondents with symptoms that began more than 3 months ago were classified in this table as having chronic joint symptoms.

A person may be represented in more than one column.

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

³Refers 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.

⁴Refers 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.

⁵Shown only for adults aged 25 and over.

⁶GED is General Educational Development high school equivalency diploma.

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

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

⁹"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.

¹⁰Based 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.

¹¹MSA 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>).

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SOURCE: NCHS, National Health Interview Survey, 2015.