

Table P-3a. Age-adjusted percentages (with standard errors) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	ADLs ¹	IADLs ¹
Total	2.4 (0.07)	4.2 (0.10)
Sex		
Male	2.1 (0.10)	3.5 (0.13)
Female	2.5 (0.10)	4.8 (0.13)
Age		
18-44 years	0.9 (0.06)	1.7 (0.10)
45-64 years	2.2 (0.12)	3.9 (0.17)
65-74 years	3.5 (0.23)	6.1 (0.30)
75 years and over	11.4 (0.53)	20.1 (0.67)
Race		
One race ²	2.3 (0.07)	4.2 (0.10)
White	2.1 (0.08)	4.0 (0.11)
Black or African American	3.7 (0.25)	6.0 (0.34)
American Indian or Alaska Native	4.9 (0.90)	7.6 (0.99)
Asian	2.6 (0.30)	3.8 (0.36)
Native Hawaiian or Other Pacific Islander	8.1 (2.48)	*
Two or more races ³	3.9 (0.62)	8.2 (0.94)
Black or African American, white	*	*
American Indian or Alaska Native, white	3.2 (0.79)	8.9 (1.53)
Hispanic or Latino origin ⁴ and race		
Hispanic or Latino	2.9 (0.36)	4.3 (0.42)
Mexican or Mexican American	3.1 (0.61)	4.6 (0.69)
Not Hispanic or Latino	2.3 (0.07)	4.3 (0.10)
White, single race	2.1 (0.07)	4.0 (0.11)
Black or African American, single race	3.7 (0.25)	5.9 (0.35)
Education ⁵		
Less than a high school diploma	5.3 (0.34)	8.4 (0.42)
High school diploma or GED ⁶	2.9 (0.15)	5.4 (0.20)
Some college	2.3 (0.13)	4.5 (0.18)
Bachelor's degree or higher	1.3 (0.10)	2.5 (0.14)

Table P-3a. Age-adjusted percentages (with standard errors) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	ADLs ¹	IADLs ¹
Family income ⁷		
Less than \$35,000	4.6 (0.19)	8.5 (0.27)
\$35,000 or more	1.6 (0.09)	2.7 (0.11)
\$35,000–\$49,999	2.1 (0.22)	4.0 (0.30)
\$50,000–\$74,999	1.7 (0.16)	3.1 (0.20)
\$75,000–\$99,999	1.6 (0.18)	2.7 (0.27)
\$100,000 or more	1.5 (0.15)	2.2 (0.17)
Poverty status ⁸		
Poor	6.6 (0.38)	11.2 (0.49)
Near poor	3.6 (0.21)	6.7 (0.28)
Not poor	1.6 (0.07)	2.8 (0.10)
Health insurance coverage ⁹		
Under 65:		
Private	0.4 (0.04)	0.9 (0.06)
Medicaid or other public	6.0 (0.37)	10.3 (0.47)
Other	4.3 (0.55)	8.5 (0.73)
Uninsured	0.7 (0.13)	1.3 (0.18)
65 and over:		
Private	5.0 (0.35)	10.1 (0.48)
Dual eligible	24.0 (1.66)	33.4 (1.82)
Medicare Advantage	5.2 (0.45)	10.7 (0.64)
Medicare only	7.4 (0.64)	12.2 (0.77)
Other coverage	9.5 (1.09)	14.9 (1.37)
Uninsured	*	*
Place of residence ¹⁰		
Large MSA	2.3 (0.09)	4.0 (0.13)
Small MSA	2.4 (0.12)	4.4 (0.17)
Not in MSA	2.6 (0.27)	5.1 (0.34)
Region		
Northeast	2.0 (0.14)	3.7 (0.20)
Midwest	2.4 (0.13)	4.3 (0.18)
South	2.4 (0.15)	4.3 (0.19)
West	2.6 (0.15)	4.5 (0.20)

Table P-3a. Age-adjusted percentages (with standard errors) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	ADLs ¹	IADLs ¹
Hispanic or Latino origin ⁴ , race, and sex		
Hispanic or Latino, male	2.6 (0.42)	3.8 (0.52)
Hispanic or Latina, female	3.1 (0.42)	4.6 (0.48)
Not Hispanic or Latino:		
White, single race, male	1.9 (0.10)	3.3 (0.14)
White, single race, female	2.2 (0.10)	4.6 (0.14)
Black or African American, single race, male	3.0 (0.35)	5.2 (0.50)
Black or African American, single race, female	4.1 (0.34)	6.4 (0.42)
Hispanic or Latino origin ⁴ , race, and poverty status		
Hispanic or Latino:		
Poor	5.8 (0.92)	8.2 (1.09)
Near poor	2.9 (0.47)	4.8 (0.59)
Not poor	2.1 (0.37)	2.5 (0.36)
Not Hispanic or Latino:		
White, single race		
Poor	6.6 (0.54)	12.5 (0.71)
Near poor	3.9 (0.28)	7.4 (0.39)
Not poor	1.4 (0.08)	2.7 (0.11)
Black or African American, single race		
Poor	7.7 (0.85)	12.0 (1.10)
Near poor	4.4 (0.58)	7.9 (0.73)
Not poor	2.2 (0.30)	3.2 (0.37)

^{*} 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), and is not shown.

¹ADLs are activities of daily living. Limitation in ADLs is based on the question, "Because of a physical, mental, or emotional problem, does [person] need the help of other persons with personal care needs, such as eating, bathing, dressing, or getting around inside the home?" Data in this table are shown only for persons aged 18 and over, although this question was asked of or about persons aged 3 years and over. IADLs are instrumental activities of daily living. Limitation in IADLs is based on the question, "Because of a physical, mental, or emotional problem, does [person] need the help of other persons in handling routine needs, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?" This question was asked of or about persons aged 18 years and over.

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 persons aged 25 and over. Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using four age groups: 25-44, 45-64, 65-74, and 75 and over.

⁶GED is General Educational Development high school equivalency diploma.

⁷Includes persons who reported a dollar amount or who would not provide a dollar amount but provided an income interval.

⁸"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.

⁹Based on a hierarchy of mutually exclusive categories. Persons with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes persons 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.

¹⁰MSA is metropolitan statistical area. Large MSAs have a population of 1 million or more; small MSAs have a population 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 responses about persons aged 18 and over in the family. Data came from the Person file and were weighted using the Person weight. Unknowns for the columns were not included in the denominators when calculating percentages. "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 <https://www.cdc.gov/nchs/nhis/SHS/tables.htm>).

Suggested citation: Lucas JW, Benson V. Tables of Summary Health Statistics for the U.S. Population: 2017 National Health Interview Survey. National Center for Health Statistics. 2018.

Available from: <https://www.cdc.gov/nchs/nhis/SHS/tables.htm>.

SOURCE: NCHS, National Health Interview Survey, 2017.

Table P-3b. Frequencies (number in thousands) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	All persons aged 18 and over	ADLs ¹	IADLs ¹
Total	246,654	6,142	11,028
Sex			
Male	118,988	2,533	4,212
Female	127,666	3,608	6,816
Age			
18-44 years	113,635	980	1,922
45-64 years	83,511	1,826	3,289
65-74 years	29,432	1,044	1,784
75 years and over	20,077	2,292	4,033
Race			
One race ²	241,704	5,984	10,692
White	192,095	4,480	8,320
Black or African American	30,544	1,031	1,688
American Indian or Alaska Native	2,935	114	168
Asian	15,554	334	488
Native Hawaiian or Other Pacific Islander	576	*	*
Two or more races ³	4,950	158	337
Black or African American, white	1,124	*	*
American Indian or Alaska Native, white	1,964	62	168
Hispanic or Latino origin ⁴ and race			
Hispanic or Latino	39,415	822	1,263
Mexican or Mexican American	23,516	492	751
Not Hispanic or Latino	207,239	5,320	9,766
White, single race	157,459	3,764	7,248
Black or African American, single race	29,029	993	1,612
Education ⁵			
Less than a high school diploma	24,986	1,631	2,614
High school diploma or GED ⁶	53,901	1,769	3,269
Some college	60,184	1,398	2,714
Bachelor's degree or higher	75,018	880	1,684

Table P-3b. Frequencies (number in thousands) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	All persons aged 18 and over	ADLs ¹	IADLs ¹
Family income ⁷			
Less than \$35,000	58,172	3,053	5,631
\$35,000 or more	153,720	2,191	3,741
\$35,000–\$49,999	23,238	534	979
\$50,000–\$74,999	36,451	619	1,107
\$75,000–\$99,999	27,616	383	639
\$100,000 or more	66,414	654	1,016
Poverty status ⁸			
Poor	25,441	1,540	2,634
Near poor	38,995	1,537	2,826
Not poor	163,534	2,546	4,553
Health insurance coverage ⁹			
Under 65:			
Private	135,408	632	1,333
Medicaid or other public	25,616	1,540	2,622
Other	8,682	441	927
Uninsured	24,947	165	293
65 and over:			
Private	20,089	880	1,796
Dual eligible	3,579	855	1,192
Medicare Advantage	13,054	647	1,311
Medicare only	8,684	586	980
Other coverage	3,462	302	473
Uninsured	391	*	*
Place of residence ¹⁰			
Large MSA	141,122	3,273	5,655
Small MSA	73,525	1,912	3,526
Not in MSA	32,007	957	1,847
Region			
Northeast	45,671	1,030	1,890
Midwest	54,094	1,354	2,436
South	89,268	2,222	4,029
West	57,622	1,536	2,673

Table P-3b. Frequencies (number in thousands) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	All persons aged 18 and over	ADLs ¹	IADLs ¹
Hispanic or Latino origin ⁴ , race, and sex			
Hispanic or Latino, male	19,584	362	540
Hispanic or Latina, female	19,832	460	722
Not Hispanic or Latino:			
White, single race, male	76,581	1,613	2,731
White, single race, female	80,878	2,151	4,517
Black or African American, single race, male	13,126	359	617
Black or African American, single race, female	15,903	634	995
Hispanic or Latino origin ⁴ , race, and poverty status			
Hispanic or Latino:			
Poor	6,880	332	479
Near poor	10,172	217	371
Not poor	19,308	224	335
Not Hispanic or Latino:			
White, single race			
Poor	10,739	682	1,295
Near poor	19,723	939	1,782
Not poor	115,848	1,841	3,487
Black or African American, single race			
Poor	5,405	365	587
Near poor	5,928	257	462
Not poor	14,878	266	389

^{*} 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), so the frequency is not shown.

¹ADLs are activities of daily living. Limitation in ADLs is based on the question, "Because of a physical, mental, or emotional problem, does [person] need the help of other persons with personal care needs, such as eating, bathing, dressing, or getting around inside the home?" Data in this table are shown only for persons aged 18 and over, although this question was asked of or about persons aged 3 years and over. IADLs are instrumental activities of daily living. Limitation in IADLs is based on the question, "Because of a physical, mental, or emotional problem, does [person] need the help of other persons in handling routine needs, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?" This question was asked of or about persons aged 18 years and over.

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 persons aged 25 and over.

⁶GED is General Educational Development high school equivalency diploma.

⁷Includes persons who reported a dollar amount or who would not provide a dollar amount but provided an income interval.

⁸"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.

⁹Based on a hierarchy of mutually exclusive categories. Persons with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes persons 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.

¹⁰MSA is metropolitan statistical area. Large MSAs have a population of 1 million or more; small MSAs have a population 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 responses about persons aged 18 and over in the family. Data came from the Person file and were weighted using the Person weight. Unknowns for the columns were not included in the frequencies, but they were included in the "All persons 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 <https://www.cdc.gov/nchs/nhis/SHS/tables.htm>).

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SOURCE: NCHS, National Health Interview Survey, 2017.

Table P-3c. Crude percentages (with standard errors) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	ADLs ¹	IADLs ¹
Total	2.5 (0.08)	4.5 (0.11)
Sex		
Male	2.1 (0.10)	3.5 (0.13)
Female	2.8 (0.11)	5.3 (0.14)
Age		
18-44 years	0.9 (0.06)	1.7 (0.10)
45-64 years	2.2 (0.12)	3.9 (0.17)
65-74 years	3.5 (0.23)	6.1 (0.30)
75 years and over	11.4 (0.53)	20.1 (0.67)
Race		
One race ²	2.5 (0.08)	4.4 (0.11)
White	2.3 (0.09)	4.3 (0.12)
Black or African American	3.4 (0.23)	5.5 (0.33)
American Indian or Alaska Native	3.9 (0.67)	5.7 (0.84)
Asian	2.2 (0.28)	3.1 (0.35)
Native Hawaiian or Other Pacific Islander	*	*
Two or more races ³	3.2 (0.52)	6.8 (0.81)
Black or African American, white	*	*
American Indian or Alaska Native, white	3.2 (0.74)	8.5 (1.41)
Hispanic or Latino origin ⁴ and race		
Hispanic or Latino	2.1 (0.28)	3.2 (0.33)
Mexican or Mexican American	2.1 (0.43)	3.2 (0.51)
Not Hispanic or Latino	2.6 (0.08)	4.7 (0.11)
White, single race	2.4 (0.09)	4.6 (0.12)
Black or African American, single race	3.4 (0.23)	5.6 (0.34)
Education ⁵		
Less than a high school diploma	6.5 (0.41)	10.5 (0.51)
High school diploma or GED ⁶	3.3 (0.17)	6.1 (0.22)
Some college	2.3 (0.14)	4.5 (0.18)
Bachelor's degree or higher	1.2 (0.09)	2.2 (0.13)

Table P-3c. Crude percentages (with standard errors) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	ADLs ¹	IADLs ¹
Family income ⁷		
Less than \$35,000	5.2 (0.22)	9.7 (0.31)
\$35,000 or more	1.4 (0.07)	2.4 (0.10)
\$35,000–\$49,999	2.3 (0.23)	4.2 (0.32)
\$50,000–\$74,999	1.7 (0.16)	3.0 (0.20)
\$75,000–\$99,999	1.4 (0.16)	2.3 (0.23)
\$100,000 or more	1.0 (0.09)	1.5 (0.11)
Poverty status ⁸		
Poor	6.1 (0.38)	10.4 (0.50)
Near poor	3.9 (0.23)	7.2 (0.32)
Not poor	1.6 (0.07)	2.8 (0.10)
Health insurance coverage ⁹		
Under 65:		
Private	0.5 (0.04)	1.0 (0.06)
Medicaid or other public	6.0 (0.37)	10.2 (0.47)
Other	5.1 (0.55)	10.7 (0.76)
Uninsured	0.7 (0.12)	1.2 (0.16)
65 and over:		
Private	4.4 (0.30)	8.9 (0.43)
Dual eligible	23.9 (1.72)	33.3 (1.88)
Medicare Advantage	5.0 (0.43)	10.0 (0.62)
Medicare only	6.7 (0.60)	11.3 (0.73)
Other coverage	8.7 (0.99)	13.7 (1.30)
Uninsured	*	*
Place of residence ¹⁰		
Large MSA	2.3 (0.10)	4.0 (0.13)
Small MSA	2.6 (0.13)	4.8 (0.19)
Not in MSA	3.0 (0.32)	5.8 (0.40)
Region		
Northeast	2.3 (0.17)	4.1 (0.24)
Midwest	2.5 (0.13)	4.5 (0.19)
South	2.5 (0.16)	4.5 (0.20)
West	2.7 (0.15)	4.6 (0.22)

Table P-3c. Crude percentages (with standard errors) of persons having limitation in activities of daily living and instrumental activities of daily living among persons aged 18 and over, by selected characteristics: United States, 2017

Selected characteristic	ADLs ¹	IADLs ¹
Hispanic or Latino origin ⁴ , race, and sex		
Hispanic or Latino, male	1.8 (0.31)	2.8 (0.37)
Hispanic or Latina, female	2.3 (0.33)	3.6 (0.40)
Not Hispanic or Latino:		
White, single race, male	2.1 (0.11)	3.6 (0.15)
White, single race, female	2.7 (0.12)	5.6 (0.17)
Black or African American, single race, male	2.7 (0.33)	4.7 (0.48)
Black or African American, single race, female	4.0 (0.34)	6.3 (0.42)
Hispanic or Latino origin ⁴ , race, and poverty status		
Hispanic or Latino:		
Poor	4.8 (0.83)	7.0 (1.06)
Near poor	2.1 (0.38)	3.6 (0.50)
Not poor	1.2 (0.21)	1.7 (0.23)
Not Hispanic or Latino:		
White, single race		
Poor	6.4 (0.54)	12.1 (0.73)
Near poor	4.8 (0.33)	9.0 (0.47)
Not poor	1.6 (0.08)	3.0 (0.12)
Black or African American, single race		
Poor	6.8 (0.77)	10.9 (1.10)
Near poor	4.3 (0.57)	7.8 (0.76)
Not poor	1.8 (0.25)	2.6 (0.31)

¹ 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), and is not shown.

¹ADLs are activities of daily living. Limitation in ADLs is based on the question, "Because of a physical, mental, or emotional problem, does [person] need the help of other persons with personal care needs, such as eating, bathing, dressing, or getting around inside the home?" Data in this table are shown only for persons aged 18 and over, although this question was asked of or about persons aged 3 years and over. IADLs are instrumental activities of daily living. Limitation in IADLs is based on the question, "Because of a physical, mental, or emotional problem, does [person] need the help of other persons in handling routine needs, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?" This question was asked of or about persons aged 18 years and over.

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 persons aged 25 and over.

⁶GED is General Educational Development high school equivalency diploma.

⁷Includes persons who reported a dollar amount or who would not provide a dollar amount but provided an income interval.

⁸"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.

⁹Based on a hierarchy of mutually exclusive categories. Persons with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes persons 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.

¹⁰MSA is metropolitan statistical area. Large MSAs have a population of 1 million or more; small MSAs have a population 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 responses about persons aged 18 and over in the family. Data came from the Person file and were weighted using the Person weight. Unknowns for the columns were not included in the denominators when calculating percentages. "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 <https://www.cdc.gov/nchs/nhis/SHS/tables.htm>). Suggested citation: Lucas JW, Benson V. Tables of Summary Health Statistics for the U.S. Population: 2017 National Health Interview Survey. National Center for Health Statistics. 2018.

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