

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, 2018

Selected characteristic	ADLs ¹	IADLs ¹
Total	2.4 (0.07)	4.3 (0.10)
Sex		
Male	2.2 (0.10)	3.7 (0.12)
Female	2.5 (0.09)	4.7 (0.13)
Age		
18-44 years	0.9 (0.07)	1.7 (0.09)
45-64 years	2.0 (0.11)	4.0 (0.16)
65-74 years	3.9 (0.26)	6.6 (0.33)
75 years and over	11.6 (0.52)	19.4 (0.64)
Race		
One race ²	2.4 (0.07)	4.2 (0.10)
White	2.2 (0.08)	3.9 (0.10)
Black or African American	3.8 (0.27)	6.2 (0.32)
American Indian or Alaska Native	6.0 (1.17)	9.2 (1.39)
Asian	2.6 (0.32)	4.0 (0.41)
Native Hawaiian or Other Pacific Islander	1.8 (0.93)	*
Two or more races ³	2.4 (0.49)	6.7 (0.90)
Black or African American, white	*	12.7 (1.53)
American Indian or Alaska Native, white	2.3 (0.72)	7.6 (1.41)
Hispanic or Latino origin ⁴ and race		
Hispanic or Latino	3.1 (0.24)	5.2 (0.29)
Mexican or Mexican American	3.1 (0.34)	4.7 (0.37)
Not Hispanic or Latino	2.3 (0.08)	4.2 (0.10)
White, single race	2.1 (0.08)	3.8 (0.11)
Black or African American, single race	3.8 (0.28)	6.2 (0.33)
Education ⁵		
Less than a high school diploma	5.1 (0.32)	8.7 (0.43)
High school diploma or GED ⁶	3.1 (0.17)	5.7 (0.22)
Some college	2.4 (0.14)	4.4 (0.18)
Bachelor's degree or higher	1.3 (0.09)	2.4 (0.13)

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, 2018

Selected characteristic	ADLs ¹	IADLs ¹
Family income ⁷		
Less than \$35,000	4.4 (0.20)	8.5 (0.27)
\$35,000 or more	1.7 (0.08)	2.9 (0.10)
\$35,000–\$49,999	2.8 (0.24)	4.5 (0.31)
\$50,000–\$74,999	2.1 (0.17)	3.7 (0.23)
\$75,000–\$99,999	1.7 (0.18)	2.9 (0.25)
\$100,000 or more	1.2 (0.12)	2.1 (0.16)
Poverty status ⁸		
Poor	5.9 (0.37)	10.8 (0.48)
Near poor	3.6 (0.21)	6.7 (0.31)
Not poor	1.7 (0.07)	2.9 (0.09)
Health insurance coverage ⁹		
Under 65:		
Private	0.6 (0.05)	1.1 (0.07)
Medicaid or other public	5.3 (0.34)	10.2 (0.44)
Other	4.2 (0.62)	8.2 (0.77)
Uninsured	0.5 (0.11)	1.2 (0.17)
65 and over:		
Private	5.0 (0.34)	9.5 (0.46)
Dual eligible	24.8 (1.66)	33.3 (1.77)
Medicare Advantage	6.7 (0.51)	11.5 (0.64)
Medicare only	7.4 (0.67)	13.5 (0.90)
Other coverage	8.9 (0.87)	13.4 (1.10)
Uninsured	*	*
Place of residence ¹⁰		
Large MSA	2.4 (0.10)	4.1 (0.13)
Small MSA	2.4 (0.13)	4.5 (0.18)
Not in MSA	2.3 (0.21)	4.7 (0.28)
Region		
Northeast	2.5 (0.17)	4.2 (0.22)
Midwest	2.1 (0.14)	4.2 (0.20)
South	2.4 (0.12)	4.2 (0.16)
West	2.6 (0.17)	4.4 (0.22)

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, 2018

Selected characteristic	ADLs ¹	IADLs ¹
Hispanic or Latino origin ⁴ , race, and sex		
Hispanic or Latino, male	2.4 (0.34)	4.0 (0.40)
Hispanic or Latina, female	3.7 (0.32)	6.0 (0.37)
Not Hispanic or Latino:		
White, single race, male	2.0 (0.12)	3.3 (0.14)
White, single race, female	2.1 (0.10)	4.3 (0.15)
Black or African American, single race, male	3.6 (0.40)	5.9 (0.49)
Black or African American, single race, female	3.9 (0.34)	6.4 (0.41)
Hispanic or Latino origin ⁴ , race, and poverty status		
Hispanic or Latino:		
Poor	6.3 (0.71)	9.8 (0.91)
Near poor	3.3 (0.48)	5.7 (0.62)
Not poor	1.9 (0.26)	3.3 (0.37)
Not Hispanic or Latino:		
White, single race		
Poor	5.1 (0.51)	10.9 (0.71)
Near poor	3.6 (0.30)	7.1 (0.42)
Not poor	1.6 (0.08)	2.8 (0.10)
Black or African American, single race		
Poor	7.3 (0.90)	11.6 (1.01)
Near poor	4.5 (0.59)	6.9 (0.76)
Not poor	2.7 (0.33)	4.3 (0.43)

*Estimate does not meet NCHS standards of reliability.

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: 2018 National Health Interview Survey. National Center for Health Statistics. 2019.

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

SOURCE: NCHS, National Health Interview Survey, 2018.

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, 2018

Selected characteristic	All persons aged 18 and over	ADLs ¹	IADLs ¹
Total	249,452	6,342	11,308
Sex			
Male	120,440	2,715	4,479
Female	129,012	3,627	6,829
Age			
18-44 years	114,817	1,054	1,938
45-64 years	83,391	1,684	3,351
65-74 years	30,550	1,198	2,006
75 years and over	20,694	2,406	4,013
Race			
One race ²	244,123	6,231	10,999
White	193,576	4,654	8,418
Black or African American	31,021	1,095	1,799
American Indian or Alaska Native	2,848	142	215
Asian	15,983	331	541
Native Hawaiian or Other Pacific Islander	695	9	*
Two or more races ³	5,330	110	309
Black or African American, white	1,320	23	*
American Indian or Alaska Native, white	1,824	51	148
Hispanic or Latino origin ⁴ and race			
Hispanic or Latino	40,749	909	1,543
Mexican or Mexican American	24,450	527	804
Not Hispanic or Latino	208,703	5,433	9,764
White, single race	157,467	3,830	7,067
Black or African American, single race	29,274	1,072	1,731
Education ⁵			
Less than a high school diploma	24,898	1,600	2,665
High school diploma or GED ⁶	54,209	1,862	3,440
Some college	61,332	1,526	2,795
Bachelor's degree or higher	76,407	917	1,722

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, 2018

Selected characteristic	All persons aged 18 and over	ADLs ¹	IADLs ¹
Family income ⁷			
Less than \$35,000	54,817	2,827	5,407
\$35,000 or more	161,631	2,557	4,371
\$35,000–\$49,999	23,257	698	1,118
\$50,000–\$74,999	36,343	823	1,414
\$75,000–\$99,999	29,564	454	787
\$100,000 or more	72,467	582	1,052
Poverty status ⁸			
Poor	22,922	1,266	2,356
Near poor	39,136	1,556	2,885
Not poor	169,627	2,886	5,022
Health insurance coverage ⁹			
Under 65:			
Private	135,216	796	1,568
Medicaid or other public	25,463	1,328	2,528
Other	8,916	447	872
Uninsured	25,791	134	300
65 and over:			
Private	21,012	927	1,755
Dual eligible	3,521	847	1,145
Medicare Advantage	12,739	813	1,386
Medicare only	8,287	550	1,024
Other coverage	5,058	435	652
Uninsured	388	*	*
Place of residence ¹⁰			
Large MSA	141,407	3,482	5,859
Small MSA	75,153	1,953	3,642
Not in MSA	32,893	906	1,807
Region			
Northeast	44,246	1,186	2,048
Midwest	54,718	1,223	2,486
South	91,811	2,387	4,128
West	58,678	1,546	2,646

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, 2018

Selected characteristic	All persons aged 18 and over	ADLs ¹	IADLs ¹
Hispanic or Latino origin ⁴ , race, and sex			
Hispanic or Latino, male	20,279	328	568
Hispanic or Latina, female	20,470	581	975
Not Hispanic or Latino:			
White, single race, male	76,651	1,716	2,780
White, single race, female	80,816	2,115	4,287
Black or African American, single race, male	13,307	448	722
Black or African American, single race, female	15,967	624	1,009
Hispanic or Latino origin ⁴ , race, and poverty status			
Hispanic or Latino:			
Poor	6,015	308	491
Near poor	10,796	273	480
Not poor	20,464	250	442
Not Hispanic or Latino:			
White, single race			
Poor	9,452	495	1,075
Near poor	18,735	860	1,679
Not poor	119,429	2,058	3,662
Black or African American, single race			
Poor	5,102	328	529
Near poor	6,093	270	413
Not poor	15,324	364	574

*Corresponding crude percentage for the frequency does not meet NCHS standards of reliability, 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, 2018.

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, 2018

Selected characteristic	ADLs ¹	IADLs ¹
Total	2.5 (0.08)	4.5 (0.11)
Sex		
Male	2.3 (0.10)	3.7 (0.13)
Female	2.8 (0.10)	5.3 (0.15)
Age		
18-44 years	0.9 (0.07)	1.7 (0.09)
45-64 years	2.0 (0.11)	4.0 (0.16)
65-74 years	3.9 (0.26)	6.6 (0.33)
75 years and over	11.6 (0.52)	19.4 (0.64)
Race		
One race ²	2.6 (0.08)	4.5 (0.11)
White	2.4 (0.09)	4.3 (0.12)
Black or African American	3.5 (0.26)	5.8 (0.32)
American Indian or Alaska Native	5.0 (1.09)	7.6 (1.35)
Asian	2.1 (0.27)	3.4 (0.35)
Native Hawaiian or Other Pacific Islander	1.3 (0.81)	*
Two or more races ³	2.1 (0.43)	5.8 (0.79)
Black or African American, white	1.7 (0.83)	*
American Indian or Alaska Native, white	2.8 (0.90)	8.1 (1.50)
Hispanic or Latino origin ⁴ and race		
Hispanic or Latino	2.2 (0.19)	3.8 (0.23)
Mexican or Mexican American	2.2 (0.26)	3.3 (0.29)
Not Hispanic or Latino	2.6 (0.09)	4.7 (0.12)
White, single race	2.4 (0.09)	4.5 (0.13)
Black or African American, single race	3.7 (0.28)	5.9 (0.33)
Education ⁵		
Less than a high school diploma	6.4 (0.39)	10.7 (0.49)
High school diploma or GED ⁶	3.4 (0.18)	6.3 (0.24)
Some college	2.5 (0.14)	4.6 (0.19)
Bachelor's degree or higher	1.2 (0.09)	2.3 (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, 2018

Selected characteristic	ADLs ¹	IADLs ¹
Family income ⁷		
Less than \$35,000	5.2 (0.23)	9.9 (0.32)
\$35,000 or more	1.6 (0.07)	2.7 (0.10)
\$35,000–\$49,999	3.0 (0.26)	4.8 (0.33)
\$50,000–\$74,999	2.3 (0.18)	3.9 (0.24)
\$75,000–\$99,999	1.5 (0.16)	2.7 (0.23)
\$100,000 or more	0.8 (0.08)	1.5 (0.11)
Poverty status ⁸		
Poor	5.5 (0.36)	10.3 (0.49)
Near poor	4.0 (0.24)	7.4 (0.34)
Not poor	1.7 (0.07)	3.0 (0.10)
Health insurance coverage ⁹		
Under 65:		
Private	0.6 (0.05)	1.2 (0.07)
Medicaid or other public	5.2 (0.33)	9.9 (0.44)
Other	5.0 (0.61)	9.8 (0.78)
Uninsured	0.5 (0.10)	1.2 (0.16)
65 and over:		
Private	4.4 (0.31)	8.4 (0.42)
Dual eligible	24.0 (1.64)	32.5 (1.75)
Medicare Advantage	6.4 (0.50)	10.9 (0.62)
Medicare only	6.6 (0.60)	12.4 (0.82)
Other coverage	8.6 (0.84)	12.9 (1.09)
Uninsured	*	*
Place of residence ¹⁰		
Large MSA	2.5 (0.10)	4.1 (0.14)
Small MSA	2.6 (0.14)	4.8 (0.19)
Not in MSA	2.8 (0.25)	5.5 (0.33)
Region		
Northeast	2.7 (0.19)	4.6 (0.26)
Midwest	2.2 (0.16)	4.5 (0.23)
South	2.6 (0.13)	4.5 (0.18)
West	2.6 (0.17)	4.5 (0.22)

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Selected characteristic	ADLs ¹	IADLs ¹
Hispanic or Latino origin ⁴ , race, and sex		
Hispanic or Latino, male	1.6 (0.23)	2.8 (0.29)
Hispanic or Latina, female	2.8 (0.27)	4.8 (0.34)
Not Hispanic or Latino:		
White, single race, male	2.2 (0.12)	3.6 (0.15)
White, single race, female	2.6 (0.13)	5.3 (0.18)
Black or African American, single race, male	3.4 (0.38)	5.4 (0.48)
Black or African American, single race, female	3.9 (0.35)	6.3 (0.43)
Hispanic or Latino origin ⁴ , race, and poverty status		
Hispanic or Latino:		
Poor	5.1 (0.66)	8.2 (0.85)
Near poor	2.5 (0.36)	4.5 (0.52)
Not poor	1.2 (0.17)	2.2 (0.25)
Not Hispanic or Latino:		
White, single race		
Poor	5.2 (0.54)	11.4 (0.77)
Near poor	4.6 (0.36)	9.0 (0.49)
Not poor	1.7 (0.09)	3.1 (0.12)
Black or African American, single race		
Poor	6.4 (0.79)	10.4 (0.96)
Near poor	4.4 (0.59)	6.8 (0.77)
Not poor	2.4 (0.32)	3.7 (0.40)

*Estimate does not meet NCHS standards of reliability.

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.

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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: 2018 National Health Interview Survey. National Center for Health Statistics. 2019.

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