

Table C-1a. Age-adjusted percentages (with standard errors) of ever having asthma and still having asthma for children under age 18 years, by selected characteristics: United States, 2013

Selected characteristic	Ever told had asthma ¹	Still have asthma ¹
Total	12.7 (0.38)	8.3 (0.31)
Sex		
Male	14.4 (0.56)	9.3 (0.44)
Female	10.8 (0.51)	7.3 (0.43)
Age		
0-4 years	5.9 (0.50)	4.2 (0.42)
5-11 years	13.4 (0.61)	9.8 (0.54)
12-17 years	17.3 (0.74)	9.9 (0.58)
Race		
One race ²	12.3 (0.38)	8.1 (0.31)
White	11.2 (0.42)	7.2 (0.34)
Black or African American	18.7 (1.06)	13.8 (0.94)
American Indian or Alaska Native	*8.5 (2.57)	*5.7 (2.15)
Asian	9.7 (1.26)	4.8 (0.93)
Native Hawaiian or Other Pacific Islander	*19.5 (8.68)	*
Two or more races ³	21.2 (1.96)	13.5 (1.56)
Black or African American and white	24.0 (3.11)	17.0 (2.77)
American Indian or Alaska Native and white	22.5 (4.57)	14.1 (3.53)
Hispanic or Latino origin ⁴ and race		
Hispanic or Latino	12.2 (0.64)	7.5 (0.50)
Mexican or Mexican American	9.8 (0.73)	5.7 (0.53)
Not Hispanic or Latino	12.8 (0.45)	8.6 (0.37)
White, single race	11.2 (0.54)	7.5 (0.45)
Black or African American only, single race	18.2 (1.07)	13.4 (0.92)
Family structure ⁵		
Mother and father	10.9 (0.44)	6.9 (0.35)
Mother, no father	17.3 (0.79)	12.4 (0.71)
Father, no mother	10.8 (1.83)	6.7 (1.59)
Neither mother nor father	18.9 (2.56)	13.3 (2.26)
Parent's education ⁶		
Less than high school diploma	11.8 (1.02)	7.7 (0.85)
High school diploma or GED ⁷	14.1 (0.93)	10.2 (0.78)
More than high school	12.2 (0.46)	7.8 (0.37)
Family income ⁸		
Less than \$35,000	15.8 (0.75)	11.2 (0.63)
\$35,000 or more	11.3 (0.44)	7.0 (0.36)
\$35,000-\$49,999	12.1 (1.05)	7.7 (0.86)
\$50,000-\$74,999	11.8 (0.93)	7.2 (0.77)
\$75,000-\$99,999	10.6 (1.01)	7.0 (0.83)
\$100,000 or more	10.8 (0.73)	6.5 (0.60)
Poverty status ⁹		
Poor	16.4 (0.96)	12.0 (0.78)
Near poor	12.9 (0.81)	8.2 (0.66)
Not poor	11.1 (0.48)	7.0 (0.40)

Table C-1a. Age-adjusted percentages (with standard errors) of ever having asthma and still having asthma for children under age 18 years, by selected characteristics: United States, 2013

Selected characteristic	Ever told had asthma ¹	Still have asthma ¹
Health insurance coverage ¹⁰		
Private	11.0 (0.47)	6.8 (0.40)
Medicaid or other public	15.2 (0.64)	10.7 (0.54)
Other	12.1 (2.31)	7.2 (1.90)
Uninsured	11.1 (1.33)	6.8 (1.07)
Place of residence ¹¹		
Large MSA	12.4 (0.49)	8.4 (0.42)
Small MSA	13.0 (0.75)	8.2 (0.56)
Not in MSA	13.1 (0.95)	8.6 (0.76)
Region		
Northeast	13.8 (0.99)	9.3 (0.77)
Midwest	11.2 (0.78)	7.3 (0.65)
South	13.8 (0.65)	9.1 (0.52)
West	11.6 (0.68)	7.4 (0.55)
Current health status		
Excellent or very good	10.8 (0.38)	6.6 (0.30)
Good	19.5 (1.13)	14.5 (0.97)
Fair or poor	43.0 (4.10)	39.8 (4.08)

* 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%.

¹Based on the questions, "Has a doctor or other health professional ever told you that [child's name] had asthma?" and "Does [child's name] still have asthma?"

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

³Refers to children with more than one race group indicated, 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 children who are of Hispanic or Latino origin and may be of any race or combination of races. "Not Hispanic or Latino" refers to children who are not of Hispanic or Latino origin, regardless of race.

⁵Refers to parents living in the household. "Mother and father" can include biological, adoptive, step, in-law, or foster relationships. Legal guardians are classified in "Neither mother nor father."

⁶Refers to the education level of the parent with the higher level of education, regardless of that parent's age, provided the parent(s) live(s) in the household.

⁷GED is General Educational Development high school equivalency diploma.

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

⁹"Poor" children live in families defined as below the poverty threshold. "Near poor" children live in families with incomes of 100% to less than 200% of the poverty threshold. "Not poor" children live in families with incomes that are 200% of the poverty threshold or greater.

¹⁰Based on a hierarchy of mutually exclusive categories. Children with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes children 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: Based on household interviews of a sample of the civilian noninstitutionalized population. This table is based on responses about the sample child, not all children in the family. Data came from the Sample Child File and were weighted using the Sample Child weight. Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using age groups 0-4 years, 5-11 years, and 12-17 years. Estimates for age groups are not age-adjusted. Unknowns for the columns were not included in the denominators when calculating percentages. Percentages may not add to totals due to rounding. "Total" includes children of other races not shown separately and children with unknown family structure, parent's education, family income, poverty status, health insurance, or current health status. 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: Bloom B, Black LI, Freeman G. Tables of Summary Health Statistics for U.S. Children: 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 C-1b. Frequencies (in thousands) of ever having asthma and still having asthma for children under age 18 years, by selected characteristics: United States, 2013

Selected characteristic	All children under age 18		
	years	Ever told had asthma ¹	Still have asthma ¹
Total	73,486	9,304	6,109
Sex			
Male	37,531	5,409	3,489
Female	35,955	3,894	2,619
Age			
0-4 years	19,878	1,168	826
5-11 years	28,842	3,858	2,833
12-17 years	24,765	4,278	2,449
Race			
One race ²	70,098	8,602	5,664
White	54,682	6,132	3,951
Black or African American	10,847	2,020	1,491
American Indian or Alaska Native	804	*65	*39
Asian	3,638	354	178
Native Hawaiian or Other Pacific Islander	127	*	*
Two or more races ³	3,388	702	444
Black or African American and white	1,476	337	237
American Indian or Alaska Native and white	592	144	88
Hispanic or Latino origin ⁴ and race			
Hispanic or Latino	17,767	2,121	1,307
Mexican or Mexican American	12,289	1,170	690
Not Hispanic or Latino	55,718	7,183	4,802
White, single race	38,876	4,389	2,920
Black or African American only, single race	10,065	1,833	1,344
Family structure ⁵			
Mother and father	51,392	5,516	3,463
Mother, no father	17,734	3,117	2,209
Father, no mother	2,320	267	158
Neither mother nor father	2,040	404	278
Parent's education ⁶			
Less than high school diploma	8,973	1,056	691
High school diploma or GED ⁷	13,090	1,823	1,314
More than high school	49,225	6,000	3,814
Family income ⁸			
Less than \$35,000	22,637	3,495	2,487
\$35,000 or more	47,116	5,373	3,337
\$35,000-\$49,999	8,763	1,066	677
\$50,000-\$74,999	11,838	1,392	856
\$75,000-\$99,999	9,009	945	626
\$100,000 or more	17,506	1,970	1,178
Poverty status ⁹			
Poor	15,291	2,421	1,804
Near poor	14,761	1,896	1,207
Not poor	38,035	4,318	2,680

Table C-1b. Frequencies (in thousands) of ever having asthma and still having asthma for children under age 18 years, by selected characteristics: United States, 2013

Selected characteristic	All children under age 18 years	Ever told had asthma ¹	Still have asthma ¹
Health insurance coverage ¹⁰			
Private	38,817	4,446	2,711
Medicaid or other public	27,750	4,025	2,894
Other	1,914	221	131
Uninsured	4,777	574	339
Place of residence ¹¹			
Large MSA	39,379	4,885	3,283
Small MSA	23,271	2,998	1,900
Not in MSA	10,835	1,421	925
Region			
Northeast	11,547	1,586	1,071
Midwest	16,645	1,879	1,217
South	27,932	3,820	2,537
West	17,362	2,019	1,283
Current health status			
Excellent or very good	61,702	6,628	4,022
Good	10,232	2,031	1,495
Fair or poor	1,542	644	592

* 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%.

¹Based on the questions, "Has a doctor or other health professional ever told you that [child's name] had asthma?" and "Does [child's name] still have asthma?"

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

³Refers to children with more than one race group indicated, 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 children who are of Hispanic or Latino origin and may be of any race or combination of races. "Not Hispanic or Latino" refers to children who are not of Hispanic or Latino origin, regardless of race.

⁵Refers to parents living in the household. "Mother and father" can include biological, adoptive, step, in-law, or foster relationships. Legal guardians are classified in "Neither mother nor father."

⁶Refers to the education level of the parent with the higher level of education, regardless of that parent's age, provided the parent(s) live(s) in the household.

⁷GED is General Educational Development high school equivalency diploma.

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

⁹"Poor" children live in families defined as below the poverty threshold. "Near poor" children live in families with incomes of 100% to less than 200% of the poverty threshold. "Not poor" children live in families with incomes that are 200% of the poverty threshold or greater.

¹⁰Based on a hierarchy of mutually exclusive categories. Children with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes children 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: Based on household interviews of a sample of the civilian noninstitutionalized population. This table is based on responses about the sample child, not all children in the family. Data came from the Sample Child File and were weighted using the Sample Child weight. Estimates of "All children under 18 years" in this table differ slightly from estimates of "All children under 18 years" in the other detailed tables that were based on the Person File and were weighted using the Person weight. Unknowns for the columns were not included in the frequencies, but they are included in the "All children under 18 years" column. "Total" includes children of other races not shown separately and children with unknown family structure, parent's education, family income, poverty status, health insurance, or current health status. 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: Bloom B, Black LI, Freeman G. Tables of Summary Health Statistics for U.S. Children: 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 C-1c. Crude percentages (with standard errors) of ever having asthma and still having asthma for children under age 18 years, by selected characteristics: United States, 2013

Selected characteristic	Ever told had asthma ¹	Still have asthma ¹
Total	12.7 (0.38)	8.3 (0.31)
Sex		
Male	14.4 (0.56)	9.3 (0.44)
Female	10.8 (0.51)	7.3 (0.43)
Age		
0-4 years	5.9 (0.50)	4.2 (0.42)
5-11 years	13.4 (0.61)	9.8 (0.54)
12-17 years	17.3 (0.74)	9.9 (0.58)
Race		
One race ²	12.3 (0.38)	8.1 (0.31)
White	11.2 (0.43)	7.2 (0.34)
Black or African American	18.6 (1.06)	13.8 (0.94)
American Indian or Alaska Native	*8.1 (2.42)	*4.9 (1.83)
Asian	9.7 (1.30)	4.9 (0.96)
Native Hawaiian or Other Pacific Islander	*	*
Two or more races ³	20.7 (1.92)	13.1 (1.51)
Black or African American and white	22.8 (2.98)	16.1 (2.69)
American Indian or Alaska Native and white	24.3 (5.26)	14.8 (3.57)
Hispanic or Latino origin ⁴ and race		
Hispanic or Latino	11.9 (0.63)	7.4 (0.49)
Mexican or Mexican American	9.5 (0.73)	5.6 (0.53)
Not Hispanic or Latino	12.9 (0.45)	8.6 (0.37)
White, single race	11.3 (0.54)	7.5 (0.46)
Black or African American only, single race	18.2 (1.07)	13.4 (0.93)
Family structure ⁵		
Mother and father	10.7 (0.43)	6.7 (0.35)
Mother, no father	17.6 (0.80)	12.5 (0.71)
Father, no mother	11.5 (1.98)	6.8 (1.66)
Neither mother nor father	19.8 (2.43)	13.7 (2.02)
Parent's education ⁶		
Less than high school diploma	11.8 (1.02)	7.7 (0.86)
High school diploma or GED ⁷	13.9 (0.92)	10.0 (0.77)
More than high school	12.2 (0.46)	7.8 (0.37)
Family income ⁸		
Less than \$35,000	15.5 (0.74)	11.0 (0.63)
\$35,000 or more	11.4 (0.45)	7.1 (0.37)
\$35,000-\$49,999	12.2 (1.07)	7.7 (0.87)
\$50,000-\$74,999	11.8 (0.94)	7.2 (0.77)
\$75,000-\$99,999	10.5 (1.01)	6.9 (0.82)
\$100,000 or more	11.3 (0.75)	6.7 (0.62)
Poverty status ⁹		
Poor	15.9 (0.94)	11.8 (0.79)
Near poor	12.9 (0.81)	8.2 (0.66)
Not poor	11.4 (0.49)	7.1 (0.40)

Table C-1c. Crude percentages (with standard errors) of ever having asthma and still having asthma for children under age 18 years, by selected characteristics: United States, 2013

Selected characteristic	Ever told had asthma ¹	Still have asthma ¹
Health insurance coverage ¹⁰		
Private	11.5 (0.49)	7.0 (0.41)
Medicaid or other public	14.5 (0.62)	10.4 (0.53)
Other	11.5 (2.23)	6.8 (1.82)
Uninsured	12.0 (1.43)	7.1 (1.09)
Place of residence ¹¹		
Large MSA	12.4 (0.49)	8.3 (0.42)
Small MSA	12.9 (0.75)	8.2 (0.56)
Not in MSA	13.1 (0.93)	8.5 (0.76)
Region		
Northeast	13.7 (1.00)	9.3 (0.77)
Midwest	11.3 (0.78)	7.3 (0.65)
South	13.7 (0.64)	9.1 (0.52)
West	11.6 (0.69)	7.4 (0.56)
Current health status		
Excellent or very good	10.7 (0.38)	6.5 (0.30)
Good	19.9 (1.14)	14.6 (0.97)
Fair or poor	42.4 (3.97)	38.9 (3.97)

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¹Based on the questions, "Has a doctor or other health professional ever told you that [child's name] had asthma?" and "Does [child's name] still have asthma?"

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⁵Refers to parents living in the household. "Mother and father" can include biological, adoptive, step, in-law, or foster relationships. Legal guardians are classified in "Neither mother nor father."

⁶Refers to the education level of the parent with the higher level of education, regardless of that parent's age, provided the parent(s) live(s) in the household.

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

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¹⁰Based on a hierarchy of mutually exclusive categories. Children with more than one type of health insurance were assigned to the first appropriate category in the hierarchy. "Uninsured" includes children 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.

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