

**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, 2015**

Selected characteristic	Ever told had asthma <sup>1</sup>	Still have asthma <sup>1</sup>
Total	13.0 (0.41)	8.4 (0.34)
Sex		
Male	15.2 (0.60)	9.9 (0.50)
Female	10.7 (0.53)	6.9 (0.43)
Age		
0-4 years	5.7 (0.55)	4.7 (0.51)
5-11 years	14.4 (0.67)	9.6 (0.56)
12-17 years	17.3 (0.76)	10.0 (0.60)
Race		
One race <sup>2</sup>	12.9 (0.41)	8.3 (0.34)
White	11.9 (0.44)	7.5 (0.38)
Black or African American	18.8 (1.10)	13.5 (0.97)
American Indian or Alaska Native	12.5 (3.03)	11.5 (2.96)
Asian	10.6 (1.43)	5.3 (0.97)
Native Hawaiian or Other Pacific Islander	*27.4 (9.35)	*
Two or more races <sup>3</sup>	15.0 (2.19)	10.9 (2.14)
Black or African American and white	16.1 (2.84)	10.6 (2.36)
American Indian or Alaska Native and white	16.7 (4.89)	*13.5 (4.94)
Hispanic or Latino origin <sup>4</sup> and race		
Hispanic or Latino	12.7 (0.66)	8.0 (0.52)
Mexican or Mexican American	11.7 (0.77)	7.3 (0.63)
Not Hispanic or Latino	13.1 (0.50)	8.6 (0.41)
White, single race	11.7 (0.58)	7.3 (0.49)
Black or African American only, single race	18.6 (1.15)	13.4 (1.01)
Family structure <sup>5</sup>		
Mother and father	11.2 (0.47)	7.0 (0.39)
Mother, no father	17.4 (0.90)	12.2 (0.78)
Father, no mother	15.2 (2.46)	9.5 (2.24)
Neither mother nor father	19.8 (2.74)	12.9 (2.01)
Parent's education <sup>6</sup>		
Less than high school diploma	13.1 (1.10)	8.5 (0.92)
High school diploma or GED <sup>7</sup>	14.6 (1.05)	10.1 (0.89)
More than high school	12.3 (0.48)	7.8 (0.41)
Family income <sup>8</sup>		
Less than \$35,000	15.9 (0.88)	10.5 (0.71)
\$35,000 or more	12.0 (0.49)	7.6 (0.42)
\$35,000-\$49,999	12.9 (1.21)	9.1 (1.03)
\$50,000-\$74,999	12.4 (1.04)	7.5 (0.86)
\$75,000-\$99,999	11.3 (1.19)	7.5 (1.02)
\$100,000 or more	11.7 (0.77)	7.2 (0.64)
Poverty status <sup>9</sup>		
Poor	15.8 (1.11)	10.6 (0.87)
Near poor	14.0 (0.84)	9.4 (0.75)
Not poor	11.7 (0.50)	7.2 (0.42)

**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, 2015**

Selected characteristic	Ever told had asthma <sup>1</sup>	Still have asthma <sup>1</sup>
Health insurance coverage <sup>10</sup>		
Private	11.4 (0.50)	7.1 (0.43)
Medicaid or other public	15.6 (0.73)	10.5 (0.60)
Other	12.3 (2.88)	9.7 (2.60)
Uninsured	11.1 (1.79)	6.3 (1.25)
Place of residence <sup>11</sup>		
Large MSA	12.9 (0.54)	8.4 (0.45)
Small MSA	12.9 (0.71)	8.1 (0.58)
Not in MSA	13.6 (1.10)	9.5 (0.96)
Region		
Northeast	15.0 (1.13)	9.8 (1.03)
Midwest	11.4 (0.90)	7.3 (0.71)
South	13.5 (0.66)	9.2 (0.56)
West	12.5 (0.73)	7.6 (0.55)
Current health status		
Excellent or very good	11.4 (0.42)	6.9 (0.34)
Good	20.7 (1.27)	15.7 (1.13)
Fair or poor	33.7 (4.14)	31.3 (4.14)

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

- Quantity zero.

<sup>1</sup>Based 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?"

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

<sup>3</sup>Refers 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.

<sup>4</sup>Refers 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.

<sup>5</sup>Refers 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."

<sup>6</sup>Refers 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.

<sup>7</sup>GED is General Educational Development high school equivalency diploma.

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

<sup>9</sup>"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.

<sup>10</sup>Based 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.

<sup>11</sup>MSA is metropolitan statistical area. Large MSAs have a population size of 1 million or more; small MSAs have a population size of less than 1 million. "Not in MSA" consists of persons not living in a metropolitan statistical area.

NOTES: 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, Simpson JL. Tables of Summary Health Statistics for U.S. Children: 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 C-1b. Frequencies (in thousands) of ever having asthma and still having asthma for children under age 18 years, by selected characteristics: United States, 2015**

Selected characteristic	All children under age 18		
	years	Ever told had asthma <sup>1</sup>	Still have asthma <sup>1</sup>
Total	73,453	9,546	6,188
Sex			
Male	37,485	5,708	3,705
Female	35,968	3,839	2,483
Age			
0-4 years	19,843	1,127	935
5-11 years	28,776	4,130	2,761
12-17 years	24,833	4,288	2,492
Race			
One race <sup>2</sup>	69,960	9,056	5,832
White	54,218	6,438	4,065
Black or African American	10,747	2,020	1,446
American Indian or Alaska Native	841	*104	*95
Asian	3,889	408	204
Native Hawaiian or Other Pacific Islander	265	*	*
Two or more races <sup>3</sup>	3,493	490	356
Black or African American and white	1,568	239	158
American Indian or Alaska Native and white	496	*103	*
Hispanic or Latino origin <sup>4</sup> and race			
Hispanic or Latino	18,091	2,270	1,438
Mexican or Mexican American	12,359	1,429	899
Not Hispanic or Latino	55,362	7,276	4,750
White, single race	38,196	4,485	2,810
Black or African American only, single race	9,979	1,866	1,336
Family structure <sup>5</sup>			
Mother and father	51,341	5,603	3,533
Mother, no father	17,089	3,032	2,097
Father, no mother	2,646	412	232
Neither mother nor father	2,377	499	327
Parent's education <sup>6</sup>			
Less than high school diploma	8,177	1,084	703
High school diploma or GED <sup>7</sup>	12,751	1,857	1,279
More than high school	49,999	6,103	3,876
Family income <sup>8</sup>			
Less than \$35,000	19,878	3,055	2,039
\$35,000 or more	45,190	5,481	3,469
\$35,000-\$49,999	7,568	992	692
\$50,000-\$74,999	10,559	1,311	794
\$75,000-\$99,999	8,229	910	604
\$100,000 or more	18,834	2,268	1,380
Poverty status <sup>9</sup>			
Poor	14,352	2,199	1,491
Near poor	16,670	2,333	1,565
Not poor	38,892	4,614	2,827

**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, 2015**

Selected characteristic	All children under age 18 years	Ever told had asthma <sup>1</sup>	Still have asthma <sup>1</sup>
Health insurance coverage <sup>10</sup>			
Private	39,768	4,632	2,881
Medicaid or other public	28,552	4,320	2,934
Other	1,649	192	*153
Uninsured	3,198	389	217
Place of residence <sup>11</sup>			
Large MSA	39,952	5,153	3,338
Small MSA	23,301	2,994	1,876
Not in MSA	10,200	1,400	974
Region			
Northeast	11,433	1,710	1,113
Midwest	16,868	1,927	1,230
South	27,592	3,748	2,528
West	17,561	2,161	1,317
Current health status			
Excellent or very good	62,027	7,001	4,237
Good	10,211	2,150	1,599
Fair or poor	1,208	390	347

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

- Quantity zero.

<sup>1</sup>Based 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?"

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

<sup>3</sup>Refers 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.

<sup>4</sup>Refers 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.

<sup>5</sup>Refers 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."

<sup>6</sup>Refers 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.

<sup>7</sup>GED is General Educational Development high school equivalency diploma.

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

<sup>9</sup>"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.

<sup>10</sup>Based 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.

<sup>11</sup>MSA is metropolitan statistical area. Large MSAs have a population size of 1 million or more; small MSAs have a population size of less than 1 million. "Not in MSA" consists of persons not living in a metropolitan statistical area.

NOTES: 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, Simpson JL. Tables of Summary Health Statistics for U.S. Children: 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 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, 2015**

Selected characteristic	Ever told had asthma <sup>1</sup>	Still have asthma <sup>1</sup>
Total	13.0 (0.41)	8.4 (0.34)
Sex		
Male	15.2 (0.60)	9.9 (0.50)
Female	10.7 (0.53)	6.9 (0.43)
Age		
0-4 years	5.7 (0.55)	4.7 (0.51)
5-11 years	14.4 (0.67)	9.6 (0.56)
12-17 years	17.3 (0.76)	10.0 (0.60)
Race		
One race <sup>2</sup>	13.0 (0.41)	8.4 (0.34)
White	11.9 (0.45)	7.5 (0.38)
Black or African American	18.8 (1.12)	13.5 (0.97)
American Indian or Alaska Native	12.4 (2.89)	11.4 (2.76)
Asian	10.5 (1.46)	5.3 (0.97)
Native Hawaiian or Other Pacific Islander	*32.3 (14.51)	*
Two or more races <sup>3</sup>	14.1 (2.09)	10.2 (1.98)
Black or African American and white	15.3 (2.67)	10.1 (2.19)
American Indian or Alaska Native and white	*20.8 (7.83)	*17.3 (7.94)
Hispanic or Latino origin <sup>4</sup> and race		
Hispanic or Latino	12.6 (0.66)	8.0 (0.51)
Mexican or Mexican American	11.6 (0.77)	7.3 (0.63)
Not Hispanic or Latino	13.2 (0.51)	8.6 (0.41)
White, single race	11.7 (0.59)	7.4 (0.49)
Black or African American only, single race	18.7 (1.16)	13.4 (1.00)
Family structure <sup>5</sup>		
Mother and father	10.9 (0.46)	6.9 (0.38)
Mother, no father	17.7 (0.91)	12.3 (0.78)
Father, no mother	15.6 (2.41)	8.8 (1.98)
Neither mother nor father	21.1 (2.91)	13.8 (2.21)
Parent's education <sup>6</sup>		
Less than high school diploma	13.3 (1.12)	8.6 (0.93)
High school diploma or GED <sup>7</sup>	14.6 (1.07)	10.0 (0.89)
More than high school	12.2 (0.49)	7.8 (0.41)
Family income <sup>8</sup>		
Less than \$35,000	15.4 (0.87)	10.3 (0.70)
\$35,000 or more	12.1 (0.50)	7.7 (0.42)
\$35,000-\$49,999	13.1 (1.24)	9.2 (1.04)
\$50,000-\$74,999	12.4 (1.05)	7.5 (0.86)
\$75,000-\$99,999	11.1 (1.15)	7.3 (0.99)
\$100,000 or more	12.1 (0.79)	7.3 (0.65)
Poverty status <sup>9</sup>		
Poor	15.3 (1.09)	10.4 (0.87)
Near poor	14.0 (0.85)	9.4 (0.75)
Not poor	11.9 (0.51)	7.3 (0.42)

**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, 2015**

Selected characteristic	Ever told had asthma <sup>1</sup>	Still have asthma <sup>1</sup>
Health insurance coverage <sup>10</sup>		
Private	11.7 (0.51)	7.3 (0.43)
Medicaid or other public	15.1 (0.72)	10.3 (0.59)
Other	11.7 (2.90)	9.3 (2.59)
Uninsured	12.2 (2.01)	6.8 (1.38)
Place of residence <sup>11</sup>		
Large MSA	12.9 (0.55)	8.4 (0.45)
Small MSA	12.9 (0.73)	8.1 (0.58)
Not in MSA	13.7 (1.10)	9.6 (0.96)
Region		
Northeast	15.0 (1.13)	9.8 (1.03)
Midwest	11.4 (0.91)	7.3 (0.71)
South	13.6 (0.67)	9.2 (0.56)
West	12.3 (0.74)	7.5 (0.55)
Current health status		
Excellent or very good	11.3 (0.42)	6.8 (0.34)
Good	21.1 (1.27)	15.7 (1.10)
Fair or poor	32.3 (4.02)	28.7 (3.91)

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

- Quantity zero.

<sup>1</sup>Based 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?"

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

<sup>3</sup>Refers 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.

<sup>4</sup>Refers 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.

<sup>5</sup>Refers 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."

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<sup>10</sup>Based 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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SOURCE: NCHS, National Health Interview Survey, 2015.