



## Asthma

### 2018 National Health Interview Survey (NHIS) Data

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**Table 4-1**  
**Current Asthma Prevalence Percents**  
**by Age, United States: National Health Interview Survey, 2018**

Characteristic	All ages Total	Children Age <18	Adults Age 18+	0 - 4	5 - 14	15 - 34	15 - 19	20 - 24	25 - 34	35 - 64
	<b>Total:</b>	7.7	7.5	7.7	3.8	8.6	7.9	11.0	8.1	6.5
<b>Male</b>	6.2	8.3	5.5	5.0	9.8	6.3	8.5	7.2	4.8	5.5
<b>Female</b>	9.1	6.7	9.8	2.4	7.3	9.6	13.7	9.0	8.1	9.9
<b>White Non-Hispanic:</b>	7.6	5.6	8.0	2.3	6.2	8.4	9.9	8.5	7.6	8.2
<b>Male</b>	5.9	6.2	5.9	3.6	7.1	6.5	7.1	6.7	6.1	6.0
<b>Female</b>	9.1	5.0	10.0	0.9*	5.3	10.3	13.1	10.2	9.1	10.2
<b>Black Non-Hispanic:</b>	10.6	14.3	9.3	7.8	16.9	9.5	16.9	11.0*	6.0	9.4
<b>Male</b>	9.7	16.8	7.0	10.4*	20.9	8.7	17.1	**	4.1*	6.2
<b>Female</b>	11.4	11.7	11.3	4.5*	12.8	10.2	16.8	11.7*	7.4	12.1
<b>Other Non-Hispanic:</b>	7.3	7.4	7.2	4.3*	6.6	8.6	17.2	4.8*	6.7	7.0
<b>Male</b>	6.4	8.7	5.6	5.4*	8.5	8.0	14.4*	8.4*	5.0*	4.5
<b>Female</b>	8.0	6.1	8.7	**	4.5*	9.2	19.3*	**	8.2*	9.2

<b>Hispanic:</b>	6.4	8.0	5.7	4.5	9.7	5.7	7.6	7.4	3.8	5.3
<b>Male</b>	4.8	8.2	3.3	4.9*	10.1	3.7	5.2*	5.8*	1.8*	3.5
<b>Female</b>	8.0	7.8	8.1	4.0*	9.3	7.8	10.2	9.0*	5.8	7.1
<b>Puerto Rican:<sup>a</sup></b>	14.9	17.0	14.1	**	18.4	17.4	21.9*	25.9*	9.9*	14.2
<b>Male</b>	12.8	20.3*	10.0*	**	22.8*	13.4*	**	**	**	14.0*
<b>Female</b>	17.2	13.9*	18.5	**	14.7*	22.3	28.4*	34.0*	11.0*	14.3
<b>Mexican/Mexican-American:<sup>a</sup></b>	5.3	6.9	4.5	2.9*	8.8	5.3	6.1	7.0*	3.9	3.8
<b>Male</b>	3.8	6.8	2.3	5.0*	8.0	3.3	3.8*	6.5*	**	1.9*
<b>Female</b>	6.9	7.1	6.8	**	9.6	7.3	8.3*	7.5*	6.7	5.7
<b>Region:</b>										
<b>Northeast</b>	9.0	8.9	9.1	6.0	9.5	10.7	18.0	7.5	9.1	8.8
<b>Midwest</b>	7.3	7.0	7.3	3.2*	7.9	7.1	10.4	7.3	5.4	7.6
<b>South</b>	7.4	8.2	7.1	3.7	9.9	7.2	9.6	8.9	5.4	7.1
<b>West</b>	7.6	6.2	8.0	3.0*	6.7	8.1	9.6	8.1	7.4	8.1
<b>Ratio of Family Income to Poverty Threshold:<sup>b</sup></b>										
<b>0-0.99</b>	10.8	10.2	11.1	6.7	11.9	9.9	13.6	9.8	7.8	12.0
<b>1.00-2.49</b>	8.1	8.5	8.0	2.2	10.3	8.0	12.0	8.1	6.1	8.4
<b>2.50-4.49</b>	7.3	6.6	7.5	4.0	7.5	7.6	9.9	7.8	6.5	7.1
<b>4.50 and above</b>	6.5	5.4	6.7	2.9*	5.3	7.3	9.5	7.2*	6.4	6.8

Source: National Health Interview Survey, National Center for Health Statistics, CDC  
Compiled 12/2/2019

All relative standard errors are <30% unless otherwise indicated.

\*Relative standard error of the estimate is 30%-50%; the estimate is unreliable.

\*\*Suppressed if relative standard error of the estimate exceeds 50% or if standard error is missing or 0.

<sup>a</sup>As a subset of Hispanic.

<sup>b</sup>Missing responses imputed.

Asthma and Community Health Branch  
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