



# Asthma

## 2020 National Health Interview Survey (NHIS) Data

[Previous Table](#) | [Next Table](#)

**Table 5-2**  
**Standard Errors<sup>1</sup> for Asthma Attack<sup>2</sup> Population Estimates Among**  
**With Current Asthma<sup>3</sup>—Rounded by Age, United States: National**  
**Interview Survey, 2020**

Characteristic	All Ages Total	Children Age <18	Adults							
			Age 18+	0-4	5-14	15-34	15-19	20-24	25-34	35+
<b>Total:</b>	422,400	180,000	363,900	59,200	150,700	240,800	102,000	158,700	161,700	261,000
<b>Male</b>	257,700	118,200	230,000	17,700	106,600	170,600	52,400	123,900	105,400	141,000
<b>Female</b>	319,700	134,700	280,300	56,500	103,300	177,300	85,100	96,200	125,600	200,000
<b>White Non-Hispanic:</b>	304,800	112,700	282,000	52,800	85,400	153,500	65,900	82,800	115,000	211,000
<b>Male</b>	173,100	70,600	160,300	6,800	61,500	91,200	42,200	47,000	64,200	121,000
<b>Female</b>	240,800	89,700	217,200	52,300	61,600	127,700	50,600	65,100	98,900	160,000
<b>Black Non-Hispanic:</b>	191,600	76,100	165,300	6,800	72,500	130,800	35,000	82,300	97,300	89,000
<b>Male</b>	142,600	69,300	116,700	6,800	68,900	103,900	0	74,300	72,600	43,000
<b>Female</b>	113,500	27,200	108,600	0	22,300	76,600	35,000	37,000	58,500	71,000
<b>Other Non-Hispanic:</b>	106,800	52,600	85,500	1,000	49,300	41,400	19,900	15,300	33,300	66,000
<b>Male</b>	64,500	40,400	50,500	1000	35,900	33,300	19,900	15,300	22,300	36,000
<b>Female</b>	84,500	34,100	70,700	0	34,100	24,700	0	0	24,700	55,000

**Table 5-2**  
**Standard Errors<sup>1</sup> for Asthma Attack<sup>2</sup> Population Estimates Among**  
**With Current Asthma<sup>3</sup>—Rounded by Age, United States: National**  
**Interview Survey, 2020**

Characteristic	All Ages Total	Children Age <18	Adults Age 18+							
			0-4	5-14	15-34	15-19	20-24	25-34	35+	
<b>Hispanic:</b>	188,300	104,500	150,800	27,000	82,400	123,000	63,500	85,400	65,800	94,000
<b>Male</b>	103,600	49,800	90,900	15,000	42,800	76,200	23,900	58,100	38,800	42,000
<b>Female</b>	158,600	93,500	124,700	22,500	71,000	97,800	58,900	62,600	53,600	86,000
<b>Mexican/Mexican- American:<sup>4</sup></b>	137,600	82,600	105,400	18,600	54,000	95,000	61,700	63,600	37,500	68,000
<b>Male</b>	61,200	37,300	47,900	10,100	29,300	42,500	23,900	12,300	25,600	26,000
<b>Female</b>	121,300	74,900	94,600	15,600	46,200	85,000	56,900	62,400	27,400	64,000
<b>Other Hispanic:<sup>4</sup></b>	127,200	65,300	110,900	19,600	62,300	79,900	15,300	57,000	55,100	63,000
<b>Male</b>	85,600	33,000	79,100	11,100	31,100	63,900	0	56,800	29,200	33,000
<b>Female</b>	97,800	56,400	79,800	16,200	54,000	48,800	15,300	4,500	46,200	54,000
<b>Region:</b>										
<b>Northeast</b>	177,500	72,300	160,200	6,300	66,000	94,100	37,200	67,100	48,900	120,000
<b>Midwest</b>	144,900	62,100	134,200	18,600	51,100	78,300	33,100	54,900	52,700	96,000
<b>South</b>	294,600	128,800	249,200	51,200	103,000	176,300	72,500	125,700	113,400	170,000
<b>West</b>	197,800	82,000	163,300	22,400	71,600	109,200	51,600	43,300	90,100	110,000
<b>Ratio of Family Income to Poverty Threshold:<sup>5</sup></b>										
<b>0-0.99</b>	192,500	82,900	173,100	19,600	77,900	126,600	43,400	70,700	94,100	100,000
<b>1.00-2.49</b>	257,600	113,900	217,700	34,800	84,700	160,200	74,700	114,600	88,800	150,000
<b>2.50-4.49</b>	206,900	82,700	176,900	32,900	70,300	112,100	47,100	54,600	76,000	120,000
<b>4.50 and above</b>	197,800	77,500	178,800	29,300	67,800	105,100	30,900	56,600	81,700	130,000

## Table 5-2 Standard Errors<sup>1</sup> for Asthma Attack<sup>2</sup> Population Estimates Among With Current Asthma<sup>3</sup>—Rounded by Age, United States: National Interview Survey, 2020

Characteristic	All Ages Total	Children Age <18	Adults Age							
			18+	0-4	5-14	15-34	15-19	20-24	25-34	35+

Source: National Health Interview Survey, National Center for Health Statistics, CDC  
Compiled 3/13/2022

<sup>1</sup>Standard Error which measures the variability in the estimates.

<sup>2</sup>Having had one or more asthma attacks, which is defined by persons who answered “yes” to the question: “During the past 12 months, have you had an episode of asthma or an asthma attack?” among people with current asthma.

<sup>3</sup>Persons who answered “yes” to the questions: “Have you EVER been told by a doctor or other health professional that you had asthma?” and “Do you still have asthma?”

<sup>4</sup>As a subset of Hispanic.

<sup>5</sup>Missing responses imputed.

Notes: Sex determined by “male” or “female” response to question: “Are you male or female?” Additional information on methods and variable description available at: <https://www.cdc.gov/asthma/nhis/default.htm>.

Asthma and Community Health Branch  
National Center for Environmental Health, Centers for Disease Control and Prevention

[Previous Table](#) | [Next Table](#)

Page last reviewed: March 14, 2022