



# Asthma

## 2020 National Health Interview Survey (NHIS) Data

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**Table 6-2**  
**Standard Errors<sup>1</sup> for Percentage of Persons Who Had Asthma Attack<sup>2</sup>**  
**Among Those With Current Asthma<sup>3</sup> by Age, United States:**  
**National Health Interview Survey, 2020**

Characteristic	All	Children Age <18	Adults									
	Ages Total		Age 18+	0-4	5-14	15- 34	15- 19	20- 24	25- 34	35- 64	65+	
<b>Total:</b>	1.24	3.06	1.29	11.07	3.88	2.48	4.79	5.36	3.42	1.80	2.08	
<b>Male</b>	2.04	4.22	2.32	13.37	5.44	4.23	6.17	8.90	5.86	3.06	3.94	
<b>Female</b>	1.58	4.75	1.58	14.27	5.75	3.13	6.70	6.22	4.20	2.16	2.48	
<b>White Non-Hispanic:</b>	1.45	4.27	1.54	16.27	5.93	3.01	5.74	6.19	4.36	2.15	2.32	
<b>Male</b>	2.44	5.64	2.71	26.62	7.97	4.82	9.47	8.64	7.20	3.92	4.15	
<b>Female</b>	1.89	6.59	1.91	17.75	9.04	4.01	7.43	8.02	5.51	2.61	2.82	
<b>Black Non-Hispanic:</b>	3.41	7.53	3.69	14.66	9.53	6.94	8.66	14.74	10.36	4.49	6.70	
<b>Male</b>	6.24	10.8	7.30	16.95	12.52	13.01	0.00	20.85	19.30	6.60	16.65	
<b>Female</b>	3.86	7.88	4.04	0.00	10.01	7.62	11.95	23.23	10.38	5.29	7.45	
<b>Other Non-Hispanic:</b>	4.26	8.97	4.42	3.22	11.41	7.32	15.40	9.98	10.95	6.15	9.57	
<b>Male</b>	5.48	10.82	6.50	8.09	14.18	9.61	15.40	22.71	14.36	8.10	13.94	
<b>Female</b>	6.18	13.86	6.15	0.00	12.16	10.72		0.00	16.22	8.76	11.67	

<b>Hispanic:</b>	3.28	7.44	3.60	13.37	8.59	5.65	13.22	11.36	8.26	4.96	7.44
<b>Male</b>	4.75	9.18	5.68	24.34	10.73	8.82	12.25	16.75	11.87	7.74	14.41
<b>Female</b>	4.61	11.00	4.74	0.00	12.96	7.98	20.37	15.42	11.25	6.36	7.81
<b>Mexican/Mexican-American:<sup>4</sup></b>	4.51	10.64	5.25	0.00	11.43	6.92	16.00	13.48	10.24	8.02	9.11
<b>Male</b>	5.79	13.11	7.27	0.00	14.94	9.28	13.46	10.54	15.60	13.43	13.01
<b>Female</b>	6.45	14.77	6.98	0.00	16.06	10.34	26.15	18.56	13.30	10.08	11.90
<b>Other Hispanic:<sup>4</sup></b>	4.35	9.72	4.77	23.00	11.99	9.75	16.54	19.90	11.66	6.13	10.62
<b>Male</b>	7.23	12.84	8.21	30.33	15.34	15.48	0.00	22.52	17.63	9.47	17.74
<b>Female</b>	5.58	13.55	5.96	0.00	15.80	11.81	21.76	7.50	14.94	7.77	10.95
<b>Region:</b>											
<b>Northeast</b>	2.77	7.83	2.99	12.73	9.88	6.85	11.34	13.37	7.96	4.20	5.00
<b>Midwest</b>	2.49	6.19	2.53	0.00	7.89	4.03	6.84	6.77	6.84	3.42	4.38
<b>South</b>	2.21	4.95	2.30	14.47	5.97	4.53	8.53	10.76	5.91	3.20	3.36
<b>West</b>	2.38	5.87	2.48	25.43	7.97	4.47	9.96	8.42	6.51	3.56	4.29
<b>Ratio of Family Income to Poverty Threshold:<sup>5</sup></b>											
<b>0–0.99</b>	3.49	8.22	3.87	0.00	9.98	6.90	12.17	12.73	10.47	4.99	7.13
<b>1.00–2.49</b>	2.39	6.05	2.43	14.34	7.86	4.61	7.93	9.09	6.97	3.70	3.65
<b>2.50–4.49</b>	2.65	7.23	2.74	17.91	8.63	4.97	12.27	11.81	5.65	3.91	4.37
<b>4.50 and above</b>	1.95	5.52	2.08	19.10	7.66	4.33	6.84	7.94	6.39	2.63	3.67

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>.

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