



Asthma

2020 National Health Interview Survey (NHIS) Data

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Table 4-2
Standard Errors¹ for Percentage of Persons With Current Asthma²
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+	
Total:	0.19	0.38	0.21	0.43	0.55	0.41	0.93	1.05	0.51	0.28	0.34	
Male	0.23	0.49	0.26	0.38	0.70	0.54	1.08	1.43	0.65	0.34	0.41	
Female	0.28	0.59	0.31	0.80	0.83	0.63	1.42	1.56	0.78	0.42	0.52	
White Non-Hispanic:	0.21	0.45	0.24	0.75	0.58	0.51	1.10	1.21	0.65	0.33	0.38	
Male	0.25	0.59	0.29	0.41	0.82	0.64	1.44	1.48	0.82	0.40	0.44	
Female	0.33	0.67	0.37	1.53	0.87	0.82	1.64	1.84	1.04	0.51	0.57	
Black Non-Hispanic:	0.69	1.36	0.72	1.04	1.97	1.56	3.45	3.63	1.97	0.83	1.29	
Male	0.99	1.93	1.11	2.15	2.78	2.38	4.10	5.75	3.08	1.18	1.87	
Female	0.91	1.94	0.96	0.51	2.92	1.94	4.57	4.47	2.48	1.21	1.66	
Other Non-Hispanic:	0.60	0.99	0.69	0.74	1.67	1.05	1.91	2.82	1.28	0.97	1.87	
Male	0.78	1.63	0.88	1.06	2.69	1.26	3.52	2.46	1.63	1.34	1.51	
Female	0.89	1.11	1.07	1.07	2.00	1.79	0.00	5.77	1.99	1.40	3.02	
Hispanic:	0.46	0.77	0.52	0.58	1.07	1.02	2.06	2.25	1.12	0.62	1.27	
Male	0.55	0.86	0.65	0.73	1.23	1.14	1.86	2.99	1.26	0.71	2.08	

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Standard Errors¹ for Percentage of Persons With Current
Asthma²
by Age, United States: National Health Interview Survey, 2020

Characteristic	All	Children Age <18	Adults	0-4	5- 14	15- 34	15- 19	20- 24	25- 34	35- 64	65+
	Ages Total		Age 18+								
Female	0.70	1.36	0.80	0.90	1.76	1.58	3.98	3.56	1.71	1.05	1.53
Mexican/Mexican- American: ³	0.59	0.91	0.69	0.62	1.12	1.36	2.96	2.93	1.31	0.76	1.36
Male	0.60	1.02	0.72	0.71	1.31	1.24	2.56	2.66	1.43	0.74	1.34
Female	0.93	1.72	1.07	0.99	1.89	2.18	5.69	4.89	2.11	1.28	2.09
Other Hispanic: ³	0.68	1.37	0.78	1.13	2.10	1.40	2.19	3.75	1.89	1.03	2.15
Male	1.03	1.66	1.24	1.41	2.78	2.17	2.47	6.63	2.37	1.37	3.88
Female	0.96	2.08	1.13	1.85	3.16	2.04	3.77	4.26	3.05	1.69	2.14
Region:											
Northeast	0.43	0.92	0.49	0.97	1.28	0.91	1.81	2.47	1.18	0.70	0.78
Midwest	0.41	0.83	0.48	0.43	1.26	0.85	1.97	2.30	1.00	0.58	0.67
South	0.33	0.67	0.35	0.91	0.96	0.78	1.69	1.98	0.89	0.45	0.56
West	0.33	0.68	0.37	0.69	0.93	0.71	1.72	1.63	1.05	0.57	0.75
Ratio of Family Income to Poverty Threshold:⁴											
0-0.99	0.75	1.16	0.92	0.52	1.82	1.70	2.87	3.25	2.48	1.18	1.66
1.00-2.49	0.40	0.73	0.46	0.70	0.97	0.87	2.05	1.98	1.07	0.67	0.72
2.50-4.49	0.35	0.71	0.37	1.32	1.00	0.72	1.63	1.59	0.88	0.53	0.62
4.50 and above	0.28	0.61	0.31	0.66	0.88	0.72	1.38	2.20	0.82	0.37	0.52

Source: National Health Interview Survey, National Center for Health Statistics, CDC
 Compiled 3/8/2022

¹Standard Error which measures the variability in the estimates.

²Persons 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?”

³As a subset of Hispanic.

⁴Missing 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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