

Asthma

2020 National Health Interview Survey (NHIS) Data

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Table 2-2 Standard Errors ¹ for Percentage of Persons With Lifetime Asthma ² by Age, United States: National Health 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– 64	65+
Total:	0.24	0.50	0.27	0.87	0.66	0.56	1.29	1.35	0.68	0.34	0.38
Male	0.33	0.72	0.38	1.49	0.91	0.79	1.69	2.02	0.97	0.47	0.48
Female	0.33	0.67	0.36	0.86	0.93	0.79	1.83	1.85	0.96	0.48	0.57
White Non-Hispanic:	0.29	0.63	0.32	1.43	0.78	0.71	1.46	1.57	0.95	0.41	0.43
Male	0.40	1.02	0.43	2.31	1.24	0.96	2.03	2.15	1.31	0.57	0.55
Female	0.41	0.74	0.46	1.65	0.94	1.02	2.07	2.13	1.32	0.60	0.64
Black Non-Hispanic:	0.86	1.53	0.94	1.04	2.03	2.00	4.31	4.82	2.34	1.00	1.41
Male	1.30	2.08	1.52	2.15	2.91	3.24	5.13	7.64	3.56	1.60	1.97
Female	1.06	2.37	1.10	0.51	2.96	2.31	6.01	5.16	2.76	1.34	1.94
Other Non-Hispanic:	0.72	1.33	0.83	2.48	1.85	1.48	2.82	3.48	2.00	1.17	1.89
Male	1.01	2.15	1.17	4.80	2.86	2.08	4.18	4.24	2.88	1.68	1.70
Female	1.05	1.55	1.25	1.41	2.43	2.26	3.57	6.44	2.67	1.61	3.03
Hispanic:	0.65	1.01	0.74	1.34	1.43	1.46	2.75	3.12	1.44	0.76	1.46
Male	0.86	1.46	1.04	2.48	1.74	1.96	3.98	4.88	2.04	1.03	2.41

Table 2-2
Standard Errors¹ for Percentage of Persons With Lifetime
Asthma²
by Age, United States: National Health Interview Survey, 2020

Characteristic	All Ages Total	Children Age <18	Adults Age 18+		5– 0–4 14	15– 34	15– 19	20– 24	25– 34	35– 64	65+
Female	0.86	1.55	0.98	0.90	2.24	1.96	4.05	4.71	1.92	1.20	1.78
Mexican/Mexican– American: ³	0.88	1.15	1.02	1.00	1.51	2.00	3.71	4.34	1.75	0.98	1.67
Male	1.14	1.77	1.39	1.78	2.06	2.66	5.58	5.93	2.58	1.25	2.02
Female	1.10	1.74	1.34	0.99	2.12	2.76	5.67	6.42	2.34	1.44	2.39
Other Hispanic: ³	0.94	1.96	1.06	3.02	2.91	1.90	3.20	4.93	2.36	1.19	2.47
Male	1.34	2.61	1.60	5.14	3.38	2.81	4.17	8.58	3.35	1.68	4.51
Female	1.25	2.87	1.37	1.85	4.51	2.47	4.43	6.14	3.43	1.92	2.61
Region:											
Northeast	0.54	1.38	0.64	3.59	1.81	1.12	2.46	3.07	1.37	0.84	0.84
Midwest	0.52	1.13	0.58	1.52	1.42	1.06	2.47	2.90	1.32	0.75	0.72
South	0.43	0.83	0.47	1.18	1.11	1.06	2.46	2.43	1.27	0.55	0.64
West	0.45	0.84	0.51	0.93	1.16	1.03	2.30	2.44	1.29	0.69	0.81
Ratio of Family Income to Poverty Threshold: ⁴											
0–0.99	0.92	1.68	1.06	3.19	2.15	1.88	3.36	3.63	2.81	1.40	1.89
1.00–2.49	0.51	0.91	0.58	1.62	1.13	1.13	2.59	2.47	1.41	0.83	0.81
2.50–4.49	0.44	0.87	0.48	1.32	1.26	0.98	2.21	2.27	1.22	0.69	0.72
4.50 and above	0.38	0.90	0.41	0.71	1.12	1.02	2.37	2.69	1.20	0.48	0.66

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

¹Standard Error which measures the variability in the estimates.

²Lifetime asthma determined by persons who answered “yes” to the question: “Have you EVER been told by a doctor or other health professional that you had 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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