

Asthma

2020 National Health Interview Survey (NHIS) Data

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Table 4-1 Percentage of Persons With Current Asthma ¹ 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:	7.8	5.8	8.4	2.0	6.6	8.9	9.3	10.3	8.1	8.3	7.8
Male	6.1	5.7	6.2	1.2*	6.9	7.2	7.6	9.1	6.1	6.0	5.4
Female	9.5	6.0	10.4	2.9	6.3	10.7	11.1	11.5	10.1	10.6	9.7
White Non-Hispanic:	7.7	5.2	8.3	2.4*	5.2	8.8	9.2	9.4	8.3	8.6	7.4
Male	5.5	4.7	5.7	**	5.2	6.6	7.4	7.4	5.9	5.9	5.0
Female	9.8	5.7	10.7	4.5*	5.1	11.0	10.9	11.5	10.8	11.2	9.3
Black Non-Hispanic:	10.4	8.9	10.9	2.1*	11.2	12.5	14.2	13.9	11.0	10.4	8.9
Male	9.2	9.6	9.0	**	12.5	11.4	9.9*	17.4*	8.8*	7.8	6.4
Female	11.5	8.2	12.5	**	9.7*	13.5	17.5	10.7*	12.8	12.6	10.6
Other Non-Hispanic:	7.1	5.9	7.5	1.6*	7.9	6.2	6.1*	7.4*	5.6	7.9	9.4
Male	6.8	8.0	6.3	**	10.1	6.4	11.4*	4.9*	5.3*	7.4	5.1*
Female	7.4	3.5*	8.6	**	5.5*	5.8*	**	**	5.9*	8.4	12.5
Hispanic:	6.8	5.6	7.4	1.5*	6.7	8.3	8.1	11.6	6.7	6.3	8.9
Male	5.5	4.8	5.9	**	6.2	6.9	6.0*	10.9	5.4	4.5	7.6

Table 4-1
Percentage of Persons With Current Asthma¹
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+
Female	8.0	6.3	8.8	**	7.2	9.8	11.1*	12.3	7.9	8.0	10.0
Mexican/Mexican– American: ²	5.8	5.1	6.2	**	5.4	8.3	10.3	11.5	5.5	4.6	6.6
Male	4.3	4.2	4.3	**	4.7	6.5	8.4*	7.8*	4.6*	2.8	3.5*
Female	7.3	6.0	7.9	**	6.1*	10.1	12.7*	14.4*	6.2*	6.3	9.0
Other Hispanic: ²	8.4	6.6	9.1	**	9.4	8.4	4.7*	12.0*	8.6	8.4	11.6
Male	7.6	6.1	8.2	**	9.7	7.5	**	16.4*	6.7*	6.9	12.0*
Female	9.2	7.1	9.9	**	9.2*	9.5	8.3*	**	10.8	9.8	11.2
Region:											
Northeast	7.8	5.4	8.4	**	6.5	8.2	7.4	10.2	7.6	8.9	7.6
Midwest	7.7	5.5	8.4	**	6.6	9.1	10.9	11.9	6.7	8.3	7.7
South	7.8	6.3	8.2	3.3	7.0	9.1	9.7	10.6	8.1	8.3	7.1
West	7.8	5.6	8.5	1.5*	6.1	9.0	8.6	8.5	9.4	8.0	9.2
Ratio of Family Income to Poverty Threshold: ³											
0–0.99	11.0	6.7	13.1	**	9.2	12.3	10.2	13.4	12.8	13.7	12.5
1.00–2.49	8.7	6.5	9.4	2.2*	6.5	10.1	13.0	10.9	8.2	9.6	8.7
2.50–4.49	6.9	5.0	7.4	3.3*	5.9	7.3	6.5	6.4	7.9	7.5	6.7
4.50 and above	6.7	5.3	7.0	1.6*	6.0	7.8	7.3	11.9	6.6	6.9	6.7

Source: National Health Interview Survey, National Center for Health Statistics, CDC
 Compiled 3/14/2022

¹Persons 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?”
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.
²As a subset of Hispanic.
³Missing 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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