



Asthma

2020 National Health Interview Survey (NHIS) Data

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**Table 2-1
Percentage of Persons With Lifetime Asthma¹
by Age, United States: National Health Interview Survey, 2020**

Characteristic	All Ages Total	Children Age <18	Adults Age 18+	Age							
				0-4	5-14	15-34	15-19	20-24	25-34	35-64	65+
Total:	13.1	9.4	14.2	3.7	10.1	17.3	16.8	19.6	16.3	13.3	11.7
Male	12.1	10.4	12.6	4.1*	11.3	17.2	16.3	21.8	15.4	11.2	9.1
Female	14.1	8.5	15.6	3.3	8.9	17.3	17.3	17.3	17.2	15.3	13.8
White Non-Hispanic:	13.2	8.7	14.3	4.1*	8.7	17.2	15.5	17.0	18.1	14.0	11.5
Male	11.7	9.6	12.2	**	10.7	16.5	14.4	18.6	16.3	11.5	9.1
Female	14.6	7.7	16.2	5.1*	6.8	18.0	16.6	15.4	19.9	16.5	13.6
Black Non-Hispanic:	15.5	11.3	16.8	2.1*	12.2	22.0	25.2	27.7	17.7	14.9	12.0
Male	15.2	12.0	16.3	**	13.7	23.1	19.3	38.4	16.6	13.6	8.1
Female	15.8	10.5	17.3	**	10.5	21.1	29.7	17.8	18.5	16.0	14.8
Other Non-Hispanic:	11.7	10.1	12.3	**	11.3	13.1	13.4	14.1	12.6	12.2	12.0
Male	12.0	12.9	11.6	**	13.7	14.7	18.2	12.9*	14.4	11.4	6.9
Female	11.5	7.0	12.9	**	8.6	11.1	7.8*	15.5*	10.4	13.0	15.8
Hispanic:	11.9	9.8	12.9	3.2*	11.3	16.3	16.1	23.2	12.7	10.3	12.0
Male	11.6	10.1	12.3	**	10.4	17.2	18.0	24.9	12.9	8.6	11.7

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Percentage of Persons With Lifetime Asthma¹
by Age, United States: National Health Interview Survey, 2020**

Characteristic	All Ages Total	Children Age <18	Adults Age 18+		5- 14	15- 34	15- 19	20- 24	25- 34	35- 64	65+
				0-4							
Female	12.3	9.5	13.4	**	12.3	15.4	13.6*	21.7	12.6	12.0	12.3
Mexican/Mexican- American: ²	10.6	8.9	11.4	2.1*	9.0	16.3	21.0	22.1	10.6	8.1	9.4
Male	10.5	9.6	10.9	**	8.9	17.8	25.5	20.4	11.7	6.9	6.5*
Female	10.7	8.1	11.9	**	9.2	15.0	15.3*	23.4	9.6	9.3	11.7
Other Hispanic: ²	14.1	11.8	15.0	**	16.4	16.1	8.4*	24.7	16.2	13.2	15.1
Male	13.5	11.3	14.4	**	14.2	16.2	**	32.5	14.8	11.0	17.4
Female	14.7	12.3	15.6	**	18.3	16.0	10.6*	17.1*	17.6	15.2	13.2
Region:											
Northeast	12.8	9.5	13.7	**	11.0	15.4	13.7	19.3	14.0	13.6	11.3
Midwest	13.0	8.6	14.3	**	9.6	17.1	16.3	19.6	16.1	13.4	11.8
South	13.2	10.0	14.1	4.2	10.2	18.0	19.0	20.5	16.5	13.2	11.1
West	13.3	9.3	14.5	2.7*	9.8	17.3	15.6	18.3	17.6	13.3	12.9
Ratio of Family Income to Poverty Threshold: ³											
0-0.99	15.9	10.3	18.5	**	12.3	18.3	17.5	19.0	18.2	19.6	16.0
1.00-2.49	13.8	9.9	15.2	5.3*	9.2	18.5	20.6	22.0	15.3	14.5	12.4
2.50-4.49	12.1	8.7	13.1	3.3*	10.4	15.2	12.7	15.0	16.2	12.5	10.7
4.50 and above	12.3	9.1	13.0	2.0*	9.7	17.4	15.7	21.5	16.5	11.8	10.8

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

¹Lifetime 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?”

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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