



Asthma

2020 National Health Interview Survey (NHIS) Data

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Table 3-1
Current Asthma¹ Population Estimates—in Thousands²
by Age, United States: National Health Interview Survey, 2020

Characteristic ³	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:	25,257	4,227	21,030	394	2,699	7,687	1,833	2,254	3,601	10,245	4,215
Male	9,605	2,107	7,498	120*	1,449	3,112	761	999	1,351	3,603	1,308
Female	15,652	2,119	13,533	275	1,251	4,575	1,072	1,254	2,249	6,642	2,907
White Non-Hispanic:	15,039	1,949	13,090	241*	1,091	4,143	956	1,116	2,071	6,551	3,010
Male	5,303	898	4,406	**	555	1,564	378	450	736	2,219	934
Female	9,736	1,051	8,685	211*	536	2,579	578	666	1,335	4,332	2,076
Black Non-Hispanic:	4,024	818	3,206	45*	598	1,421	381	399	641	1,520	441
Male	1,642	449	1,193	**	362	580	112*	243*	225*	529	132*
Female	2,382	369	2,013	**	236*	841	268*	156*	416	991	309
Other Non-Hispanic:	2,045	416	1,629	34*	302	521	103*	158*	259	855	332
Male	988	297	691	**	203	299	103*	58*	137*	395	76*
Female	1,057	119*	939	**	99*	222*	**	**	122*	461	256
Hispanic:	4,149	1,044	3,105	74*	708	1,602	393	579	630	1,319	433

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			0-4	5-14	15-34	15-19	20-24	25-34	35-64	65+	
Male	1,672	463	1,209	**	329	668	167*	248*	253	460	166
Female	2,477	581	1,896	**	379	934	226*	332*	377	859	266
Mexican/Mexican- American:⁴	2,124	600	1,524	**	377	1,000	307*	381*	312	550	165
Male	759	248	511	**	167*	378	139*	114*	125*	165	39*
Female	1,365	352	1,012	**	210*	622	168*	267*	187*	385	126
Other Hispanic:⁴	1,998	443	1,555	**	331	602	86*	198*	318	744	266
Male	913	215	697	**	161*	290*	**	133*	128*	295	127*
Female	1,086	228*	857	**	170*	312	58*	**	189*	450	139
Region:											
Northeast	4,348	614	3,733	**	408	1,130	212	383	535	1,994	760
Midwest	5,232	842	4,389	**	554	1,679	458	599	622	2,127	848
South	9,629	1,782	7,847	256	1,095	2,944	739	817	1,388	3,802	1,518
West	6,049	988	5,061	62*	642	1,934	425	454	1,055	2,322	1,088
Ratio of Family Income to Poverty Threshold:⁵											
0-0.99	4,036	788	3,248	**	558	1,361	311	456	595	1,549	540
1.00-2.49	7,829	1,475	6,354	132*	854	2,568	790	800	978	2,821	1,454
2.50-4.49	6,005	927	5,078	159*	637	1,713	308	372	1,033	2,460	1,020
4.50 and above	7,388	1,036	6,351	76*	650	2,045	425	625	995	3,415	1,201

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?”

²Multiply numbers by a thousand.

³Numbers within selected characteristics may not sum to total due to rounding.

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.

⁴As a subset of Hispanic.

⁵Missing 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>.

Asthma and Community Health Branch
National Center for Environmental Health, Centers for Disease Control and Prevention

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