

Asthma

2020 National Health Interview Survey (NHIS) Data

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Table 1-1 Lifetime Asthma ¹ Population Estimates—in Thousands ² 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:	42,518	6,856	35,662	717	4,133	14,885	3,299	4,282	7,304	16,417	6,344
Male	19,201	3,848	15,352	404*	2,361	7,448	1,624	2,385	3,439	6,748	2,226
Female	23,317	3,008	20,310	313	1,772	7,436	1,674	1,897	3,865	9,669	4,118
White Non-Hispanic:	25,855	3,262	22,583	408*	1,842	8,130	1,619	2,021	4,491	10,737	4,735
Male	11,239	1,842	9,397	**	1,135	3,903	737	1,129	2,037	4,331	1,702
Female	14,616	1,420	13,196	240*	707	4,227	881	892	2,454	6,406	3,033
Black Non-Hispanic:	5,988	1,035	4,953	45*	652	2,507	675	805	1,027	2,186	598
Male	2,708	558	2,150	**	397	1,182	220	537	426	925	165
Female	3,280	477	2,803	**	255	1,324	455	268*	601	1,261	433
Other Non-Hispanic:	3,393	714	2,679	**	435	1,112	226	302	584	1,319	426
Male	1,749	478	1,271	**	277	688	165	152*	371	609	103
Female	1,644	236	1,408	**	158	424	61*	149*	213	710	323
Hispanic:	7,282	1,844	5,438	163*	1,204	3,136	779	1,154	1,202	2,175	585

Table 1-1
Lifetime 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+
Male	3,504	970	2,535	**	552	1,675	503	567	605	882	256
Female	3,778	875	2,903	**	652	1,462	277*	587	598	1,292	329
Mexican/Mexican– American: ⁴	3,870	1,047	2,823	64*	629	1,961	624	732	605	975	236
Male	1,873	570	1,304	**	316	1,037	421	298*	318	406	71*
Female	1,997	477	1,520	**	313	924	202*	434*	287	569	164
Other Hispanic: ⁴	3,368	797	2,571	**	575	1,161	156*	408	597	1,172	348
Male	1,624	400	1,223	**	236	633	**	265*	287	473	185
Female	1,745	397	1,347	**	339	528	74*	143*	310	699	163
Region:											
Northeast	7,164	1,091	6,073	**	689	2,112	391	730	991	3,051	1,133
Midwest	8,823	1,314	7,509	**	807	3,168	686	987	1,495	3,441	1,303
South	16,256	2,816	13,440	328	1,601	5,869	1,445	1,581	2,843	6,051	2,392
West	10,276	1,635	8,641	110*	1,035	3,736	777	984	1,975	3,874	1,516
Ratio of Family Income to Poverty Threshold: ⁵											
0–0.99	5,829	1,210	4,619	**	749	2,028	534	646	849	2,210	692
1.00–2.49	12,532	2,257	10,276	312*	1,202	4,713	1,255	1,623	1,836	4,239	2,061
2.50–4.49	10,628	1,621	9,007	159*	1,128	3,601	600	877	2,124	4,092	1,633
4.50 and above	13,529	1,768	11,761	96*	1,053	4,542	910	1,136	2,496	5,877	1,959

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?”

²Multiply numbers by a thousand.

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.

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

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>.

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