



## Asthma

## 2019 National Health Interview Survey (NHIS) Data

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**Table 2-2**  
**Standard Errorst for Lifetime Asthma Prevalence Percents**  
**by Age, United States: National Health Interview Survey, 2019**

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+
<b>Total:</b>	0.22	0.39	0.25	0.44	0.58	0.50	0.94	1.22	0.64	0.32	0.41
<b>Male</b>	0.30	0.59	0.34	0.66	0.91	0.71	1.38	1.74	0.91	0.43	0.53
<b>Female</b>	0.30	0.51	0.34	0.59	0.71	0.69	1.25	1.63	0.89	0.47	0.58
<b>White Non-Hispanic:</b>	0.27	0.50	0.30	0.48	0.73	0.69	1.30	1.62	0.86	0.39	0.44
<b>Male</b>	0.38	0.74	0.43	0.69	1.11	0.96	2.04	2.27	1.23	0.52	0.57
<b>Female</b>	0.37	0.71	0.41	0.66	1.02	0.96	1.68	2.31	1.16	0.58	0.64
<b>Black Non-Hispanic:</b>	0.72	1.44	0.78	2.18	2.04	1.58	3.04	4.09	1.73	0.85	1.32
<b>Male</b>	1.06	2.36	1.13	3.23	3.35	2.28	4.35	5.70	2.63	1.24	1.69
<b>Female</b>	0.91	1.65	1.04	2.79	2.31	2.12	3.79	5.71	2.46	1.24	1.99
<b>Other Non-Hispanic:</b>	0.64	1.09	0.73	1.23	1.55	1.35	3.02	3.03	1.52	0.94	2.12
<b>Male</b>	0.90	1.60	1.10	2.20	2.51	1.84	3.39	4.51	2.38	1.39	3.49
<b>Female</b>	0.84	1.37	0.98	0.57	1.60	1.87	4.55	4.06	1.94	1.22	2.49
<b>Hispanic:</b>	0.53	0.70	0.66	0.84	1.07	1.01	1.61	2.30	1.46	0.81	1.67
<b>Male</b>	0.67	1.11	0.87	1.26	1.73	1.44	2.32	3.94	1.92	1.07	1.93

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**Standard Errorst for Lifetime Asthma Prevalence Percents**  
**by Age, United States: National Health Interview Survey, 2019**

Characteristic	All	Children Age <18	Adults	0 – 4	5 – 14	15 – 34	15 – 19	20 – 24	25 – 34	35 – 64	65+
	ages Total		Age 18+								
Female	0.74	0.83	0.93	1.12	1.29	1.38	2.07	2.57	2.23	1.13	2.48
Mexican/Mexican- American: <sup>a</sup>	0.64	0.80	0.87	0.91	1.20	1.16	1.98	2.52	1.71	1.01	2.44
Male	0.80	1.18	1.10	1.67	1.82	1.62	2.59	3.97	2.39	1.42	2.39
Female	0.89	1.05	1.18	0.64	1.68	1.53	2.90	3.30	2.33	1.37	3.61
Other Hispanic: <sup>a</sup>	0.87	1.29	1.08	1.60	2.02	1.81	2.51	4.45	2.40	1.28	2.50
Male	1.21	2.22	1.51	1.99	3.53	2.75	3.96	8.83	3.27	1.74	3.06
Female	1.22	1.37	1.48	2.48	1.98	2.46	2.30	4.47	3.76	1.77	3.85
<b>Region:</b>											
Northeast	0.55	1.00	0.58	1.30	1.42	1.35	2.59	3.69	1.55	0.75	0.92
Midwest	0.49	0.88	0.54	0.91	1.42	1.07	1.65	2.22	1.48	0.69	0.76
South	0.35	0.63	0.40	0.72	0.92	0.81	1.52	2.01	1.01	0.54	0.73
West	0.46	0.73	0.52	0.81	1.06	0.96	2.00	2.38	1.28	0.65	0.82
<b>Ratio of Family Income to Poverty Threshold:<sup>b</sup></b>											
0-0.99	0.74	1.20	0.89	1.67	1.76	1.34	2.19	2.84	1.90	1.18	1.90
1.00-2.49	0.43	0.71	0.49	0.68	1.01	0.93	1.84	1.93	1.28	0.66	0.79
2.50-4.49	0.40	0.66	0.46	0.55	0.99	0.93	1.59	2.38	1.20	0.61	0.79
4.50 and above	0.35	0.61	0.39	0.74	0.91	1.00	1.72	2.89	1.08	0.45	0.59

Source: National Health Interview Survey, National Center for Health Statistics, CDC  
 Compiled 12/7/2020

†See the Methods section of the documentation found at <https://www.cdc.gov/asthma/NHIS/default.htm> for information regarding standard errors.

<sup>a</sup>As a subset of Hispanic.

<sup>b</sup>Missing responses imputed.

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