

Asthma

2019 National Health Interview Survey (NHIS) Data

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Table 6-1 Asthma Attack Prevalence Percents among those with Current Asthma by Age, United States: National Health Interview Survey, 2019												
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:	41.2	44.3	40.4		47.2	45.2	38.9	30.6	38.6	42.7	44.5	32.9
Male	38.0	43.8	35.5		44.2	44.9	33.7	29.9	38.4	33.0	39.4	29.3
Female	43.5	45.1	43.2		51.3	45.7	42.6	31.4	38.8	48.2	47.6	34.5
White Non-Hispanic:	41.6	44.3	41.1		44.9	44.1	37.7	33.5	39.1	38.7	46.6	34.2
Male	35.4	42.6	33.5		46.8*	42.2	28.2	28.4	37.8	23.1	38.3	32.0
Female	45.5	46.5	45.3		42.9*	46.6	43.9	38.7	39.9	47.4	51.5	35.1
Black Non-Hispanic:	43.0	47.2	41.4		48.0*	47.1	46.2	31.1	46.3	53.1	36.8	41.4
Male	39.0	42.7	36.3		37.3*	43.4	39.3	29.3*	36.8*	50.3	33.8	38.0*
Female	46.4	56.0	44.3		63.3*	55.2	51.8	34.1*	54.6	54.6	38.5	42.5
Other Non-Hispanic:	38.5	46.8	35.8		**	55.7	35.6	**	35.1*	47.0	34.6	33.7
Male	38.0	49.9	32.6		**	53.7	33.0*	**	45.5*	**	34.2*	**
Female	38.9	41.5	38.4		**	60.0	37.6	**	**	71.4	35.0	37.0

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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+
Hispanic:	38.8	40.5	38.1	52.3	42.0	35.3	30.0	29.0	41.9	47.0	19.1
Male	44.6	44.6	44.6	54.4*	47.4	42.5	32.8*	39.5*	52.7	53.2	**
Female	33.9	33.1	34.2	49.4*	31.4	30.4	**	24.1*	36.1	42.8	22.9*
Mexican/Mexican-American: ^a	36.2	37.9	35.5	69.6*	42.6	28.3	**	25.9*	35.3*	48.3	16.3*
Male	41.1	42.6	40.1	**	47.8	29.9*	**	**	**	54.6	**
Female	32.4	31.3*	32.7	**	35.7*	27.2	**	**	37.5*	43.7	**
Other Hispanic: ^a	41.1	41.9	40.7	47.4*	40.2	44.9	51.7*	33.3*	49.6	45.6	21.1*
Male	47.2	44.8	49.2	53.0*	45.6	59.0	51.1*	**	67.1	52.0	**
Female	35.4	35.4	35.4	**	25.0*	34.8	52.5*	**	33.8*	41.7	27.8*
Region:											
Northeast	41.1	44.3	40.4	37.7*	47.6	41.1	24.1*	49.4	42.9	44.1	28.9
Midwest	39.1	42.1	38.3	74.0	38.6	43.9	41.1	35.5	52.0	39.5	27.1
South	42.8	47.6	41.5	45.1	48.6	37.8	27.5	40.5	40.3	47.4	36.7
West	40.4	40.5	40.3	**	44.6	35.6	32.6	26.3*	40.8	45.1	35.1
Ratio of Family Income to Poverty Threshold: ^b											
0-0.99	49.8	50.0	49.7	35.4*	56.6	48.4	28.8*	50.2	55.0	53.4	36.7
1.00-2.49	42.5	43.0	42.4	44.2	42.7	42.5	27.4	42.7	48.7	48.5	30.4
2.50-4.49	38.7	40.3	38.3	81.9	37.0	36.7	41.6	33.2	36.6	44.6	28.5
4.50 and above	35.3	43.4	33.9	53.1*	44.4	29.0	25.3	27.7*	31.9	35.3	38.6

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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+

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

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.
^a As a subset of Hispanic.
^b Missing responses imputed.

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