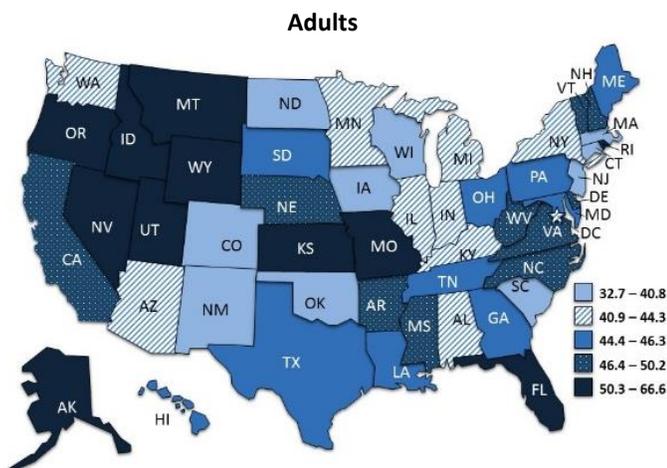
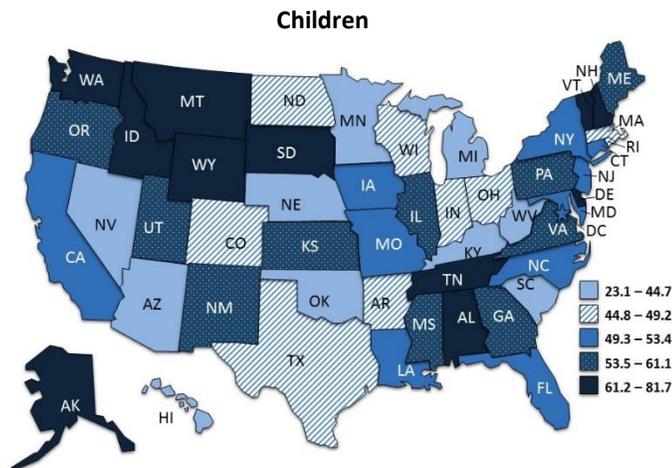


AsthmaStats

Asthma Attacks among People with Current Asthma, 2014–2017

Nearly half the people with current asthma had one or more asthma attacks in the past 12 months.

Percentage with Asthma Attacks



In an asthma attack, the airways become inflamed, making breathing difficult. On average, 50.2% of children and 44.7% of adults with current asthma had one or more asthma attacks during 2014–2017. The percentage of asthma attacks varied by state. Among children, the median percentage was 51.0%, but it ranged from 23.1% in Nebraska to 81.7% in Wyoming. Among adults, the median percentage was 44.8%, but it ranged from 32.7% in North Dakota to 66.6% in Alaska.

CDC's National Asthma Control Program (NACP) was created in 1999 to help the millions of people with asthma in the United States gain control over their disease. The NACP conducts national asthma surveillance and funds states to help them improve their asthma surveillance and to focus efforts and resources where they are needed.

STATE	Total Asthma Attack		Child Asthma Attack		Adult Asthma Attack	
	%	95% CI	%	95% CI	%	95% CI
Total*	46.0	44.8-47.3	50.2	48.0-52.4	44.7	43.3-46.1
AL	49.0	41.3-56.8	63.8	52.9-73.5	41.7	31.5-52.7
AK	66.9	60.0-73.2	68.1	46.6-84.0	66.6	58.5-73.9
AZ	38.7	31.2-46.7	30.9	18.4-47.0	40.9	32.8-49.5
AR	48.2	40.3-56.2	45.4	28.3-63.5	49.5	40.5-58.5
CA	48.0	43.9-52.1	53.2	46.6-59.7	46.4	41.6-51.1
CO	38.1	32.4-44.2	47.1	35.8-58.8	35.4	29.2-42.2
CT	41.0	32.6-49.9	53.4	36.3-69.7	34.1	26.7-42.5
DE	50.6	40.4-60.7	61.6	45.0-75.9	47.3	36.3-58.5
DC	45.0	36.1-54.2	50.8	29.1-72.1	43.2	35.2-51.7
FL	50.8	45.4-56.2	49.6	40.1-59.1	51.2	45.0-57.4
GA	48.7	42.5-54.9	55.7	45.8-65.3	45.5	37.2-54.2
HI	43.7	35.2-52.6	41.5	30.7-53.1	44.7	31.2-59.1
ID	57.3	46.4-67.5	61.7	49.1-73.0	55.9	42.2-68.8
IL	45.8	38.7-53.1	53.5	41.7-65.0	43.3	35.9-51.4
IN	44.5	38.6-50.5	47.1	35.9-58.6	43.6	36.3-51.1
IA	41.6	34.4-49.2	52.1	37.9-66.0	39.1	30.1-49.0
KS	52.2	46.0-58.3	54.2	42.1-65.9	51.3	44.3-58.3
KY	43.3	35.2-51.7	44.3	28.9-60.9	43.0	32.7-53.9
LA	46.0	36.3-56.1	49.6	28.7-70.7	44.8	34.8-55.2
ME	46.5	38.1-55.0	55.5	41.3-68.9	44.4	34.5-54.7
MD	45.6	38.3-53.2	49.3	35.6-63.0	44.5	36.2-53.1
MA	42.1	33.7-51.0	48.5	35.6-61.5	40.4	30.3-51.5
MI	42.6	35.8-49.8	44.2	33.4-55.5	42.1	34.4-50.3
MN	43.6	35.8-51.8	42.3	30.4-55.2	44.0	35.1-53.3
MS	51.6	44.3-58.8	57.5	44.1-70.0	49.1	42.4-55.8
MO	54.7	47.2-62.1	51.0	37.5-64.4	56.0	47.5-64.2
MT	57.2	51.1-63.1	70.0	47.0-86.0	53.8	44.4-62.9
NE	43.0	33.9-52.6	23.1 [†]	8.7-48.6 [†]	49.4	39.0-59.8
NV	46.7	39.1-54.5	26.6 [†]	13.7-45.4 [†]	51.5	42.8-60.1
NH	52.6	46.5-58.7	62.8	42.1-79.7	50.0	40.7-59.4
NJ	42.9	36.0-50.1	50.0	37.9-62.0	40.0	31.4-49.3
NM	40.6	33.8-47.7	56.4	40.7-70.9	36.2	29.0-44.0
NY	44.4	39.5-49.4	49.3	40.1-58.5	42.8	37.1-48.8
NC	49.2	43.6-54.8	52.5	42.3-62.6	47.7	41.2-54.4
ND	35.5	25.8-46.5	46.1	30.3-62.7	32.7	19.0-50.3
OH	44.5	38.8-50.4	44.8	34.1-56.0	44.5	38.2-50.9
OK	33.4	25.3-42.5	33.4	21.4-48.0	33.3	25.2-42.6
OR	52.2	45.2-59.2	59.8	45.3-72.8	50.3	41.5-58.9
PA	47.4	41.3-53.5	54.1	42.8-64.9	45.3	38.8-52.0
RI	51.3	41.0-61.5	48.3	35.9-61.0	52.1	39.5-64.5
SC	37.6	29.6-46.4	42.3	26.8-59.6	36.4	28.3-45.4
SD	47.6	39.4-55.8	65.2	35.6-86.4	44.8	33.9-56.2
TN	48.4	40.4-56.4	61.2	46.4-74.3	45.3	35.9-55.1
TX	45.4	39.2-51.9	47.2	38.8-55.8	44.7	37.9-51.7
UT	51.9	43.6-60.1	56.8	40.9-71.4	50.4	42.0-58.7
VT	51.9	39.0-64.6	66.9	49.4-80.7	48.8	31.2-66.7
VA	51.8	44.2-59.3	56.1	45.7-66.0	50.2	41.6-58.9
WA	46.2	39.3-53.2	64.6	50.6-76.5	42.4	35.7-49.4
WV	46.1	33.5-59.3	37.2	23.5-53.4	48.6	34.3-63.2
WI	36.8	30.6-43.5	46.8	31.9-62.3	34.6	28.4-41.3
WY	64.8	58.7-70.4	81.7	60.7-92.8	56.9	50.2-63.4

Abbreviations: CI, Confidence Interval

*Total includes the listed states

[†]Relative standard error of the estimate is $\geq 30\%$; the estimate is unreliable

Source: National Health Interview Survey (NHIS), 2014–2017



Centers for Disease Control and Prevention
National Center for Environmental Health