

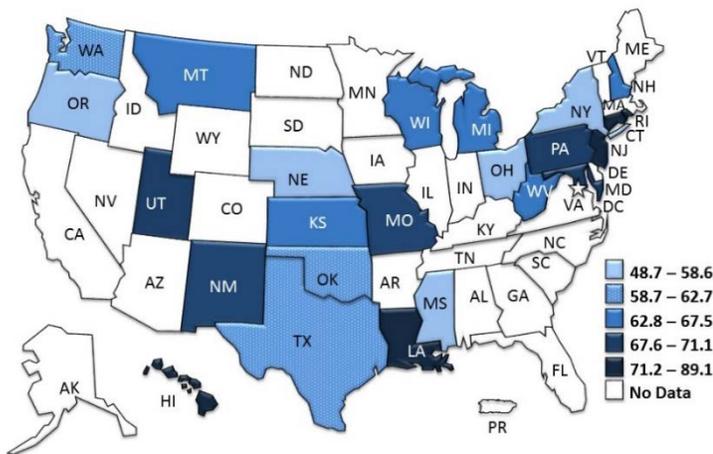
AsthmaStats

Flu Vaccination among Children with Current Asthma

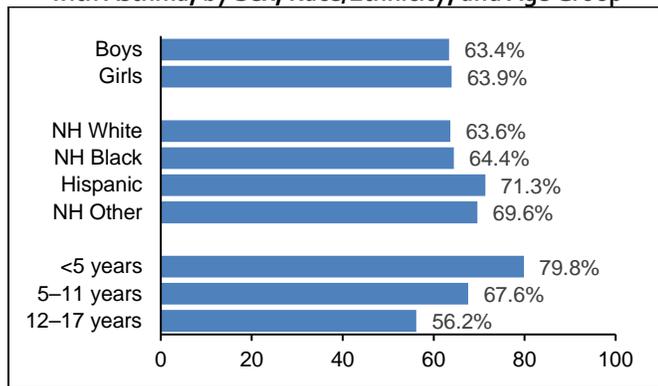
Flu vaccination among children with asthma varied by age

People with asthma are at high risk of complications from flu. Flu infection in lungs can trigger asthma attacks, worsen asthma symptoms, and may lead to development of pneumonia*. CDC recommends that people 6 months of age and older get a flu vaccine every year to protect against getting the flu and complications from flu. However, the flu spray is only approved for ages 2-49 years.*

Percentage of Flu Vaccination among Children aged 0-17 years with Asthma



Percentage of Flu Vaccination among Children aged 0-17 years with Asthma, by Sex, Race/Ethnicity, and Age Group



Abbreviation: NH, non-Hispanic

More than half of children with current asthma[†] had a flu vaccine (63.7%) (see table). Flu vaccination did not differ by sex and race/ethnicity. Flu vaccination decreased with age. The prevalence was 79.8% for children aged 0-4 years, 67.6% for aged 5-11 years, and 56.2% for aged 12-17 years (see bar chart). Flu vaccination varied by state. The percentage of children with asthma who got a flu vaccine ranged from 48.7% in Oregon to 89.1% in Rhode Island (see table).

STATE	Flu Vaccination [†] among Children aged 0-17 years with Asthma [†]		
	%	95% CI [§]	SE ^{**}
Total ^{††}	63.7	60.6 - 66.7	1.5
CT	71.8	61.1 - 80.6	5.0
HI	75.9	63.9 - 84.9	5.4
KS	63.4	54.4 - 71.5	4.4
LA	75.5	60.2 - 86.2	6.7
MD	70.4	60.0 - 79.1	4.9
MI	63.0	55.7 - 69.8	3.6
MS	51.7	40.9 - 62.3	5.6
MO	69.6	56.1 - 80.4	6.3
MT	66.2	55.8 - 75.3	5.0
NE	57.6	48.9 - 65.8	4.3
NH	62.8	49.5 - 74.5	6.5
NJ	71.7	63.5 - 78.6	3.9
NM	70.9	59.4 - 80.2	5.4
NY	57.3	35.9 - 76.3	10.9
OH	56.0	41.1 - 69.8	7.5
OK	60.6	49.1 - 71.0	5.7
OR	48.7	34.7 - 63.0	7.4
PA	69.8	61.0 - 77.3	4.2
RI ^{†††}	89.1	74.5 - 95.8	5.1
TX	61.5	51.9 - 70.2	4.7
UT	67.9	61.1 - 74.1	3.3
WA	59.5	48.7 - 69.3	5.3
WV	63.0	51.0 - 73.5	5.8
WI	62.8	47.2 - 76.2	7.6

Data Source: Child Asthma Call-back Survey (ACBS), 2012-2014

<https://www.cdc.gov/flu/asthma/index.htm>

[†]Includes persons who answered "yes" to the questions: "Have you ever been told by a doctor or other health professional that {CHILDNAME} had asthma?" and "Does {he/she} still have asthma?"

[†]Includes "yes" response to either question: "A flu shot is an influenza vaccine injected in your arm. During the past 12 months, did {CHILD'S NAME} have a flu shot?" or "A flu vaccine that is sprayed in the nose is called FluMist™. During the past 12 months, did {he/she} have a flu vaccine that was sprayed in his/her nose?"

[§]CI denotes confidence interval

^{**}SE denotes standard error

^{††}Total includes the 24 participating states

^{†††}Estimate is unreliable due to relative standard error > 0.30

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.



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