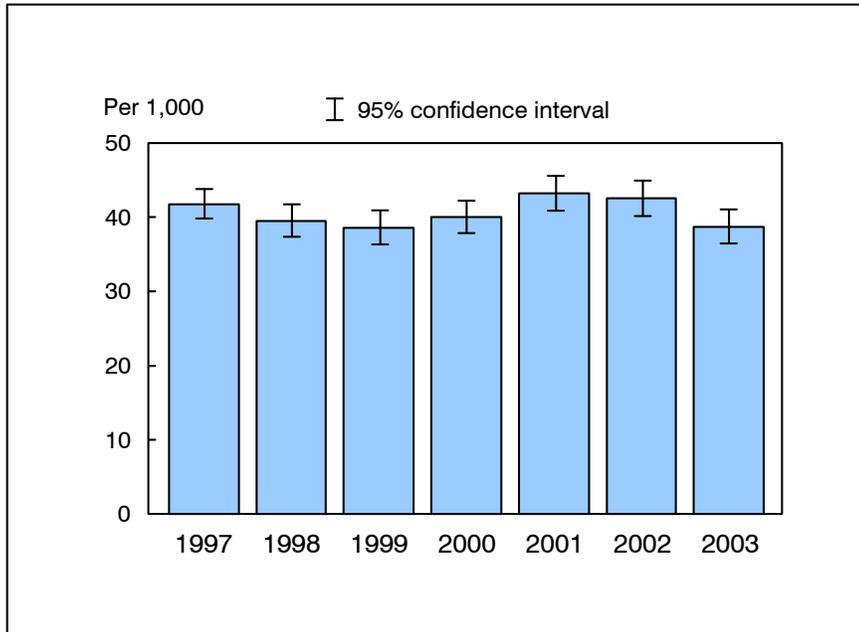


Figure 15.1. Rates of experiencing an asthma episode in the past 12 months among persons of all ages: United States, 1997-2003

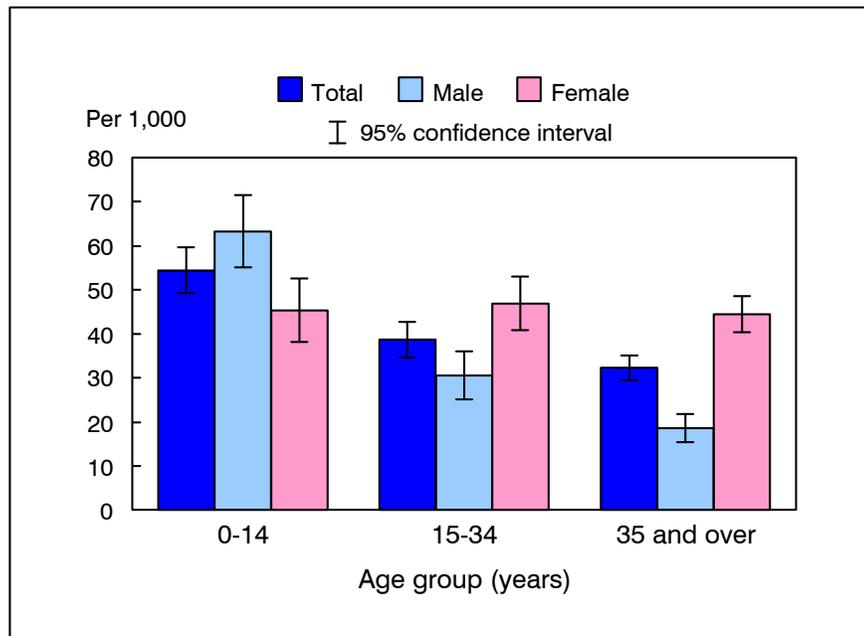


NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded people with unknown asthma status (about 0.3% of respondents each year). CI is confidence interval. Beginning with the 2003 data, the National Health Interview Survey transitioned to weights derived from the 2000 census. In this Early Release, estimates for 2000-02 were recalculated using weights derived from the 2000 census. See "About This Release" and appendix tables in this release for more details.

DATA SOURCE: Sample Adult and Sample Child Core components of the 1997-2003 National Health Interview Surveys.

- In 2003, 38.7 per 1,000 population of all ages experienced an asthma episode in the past 12 months (95% CI = 36.5-40.9), which was significantly lower than the 2002 estimate of 42.6.
- The rates (per 1,000 population) of an asthma episode in the past 12 months for persons of all ages decreased from 41.8 in 1997 to 38.6 in 1999, but then increased significantly to 43.2 in 2001. The rates then decreased again from 43.2 in 2001 to 38.7 in 2003.

Figure 15.2. Rates of experiencing an asthma episode in the past 12 months among persons of all ages, by age group and sex: United States, 2003

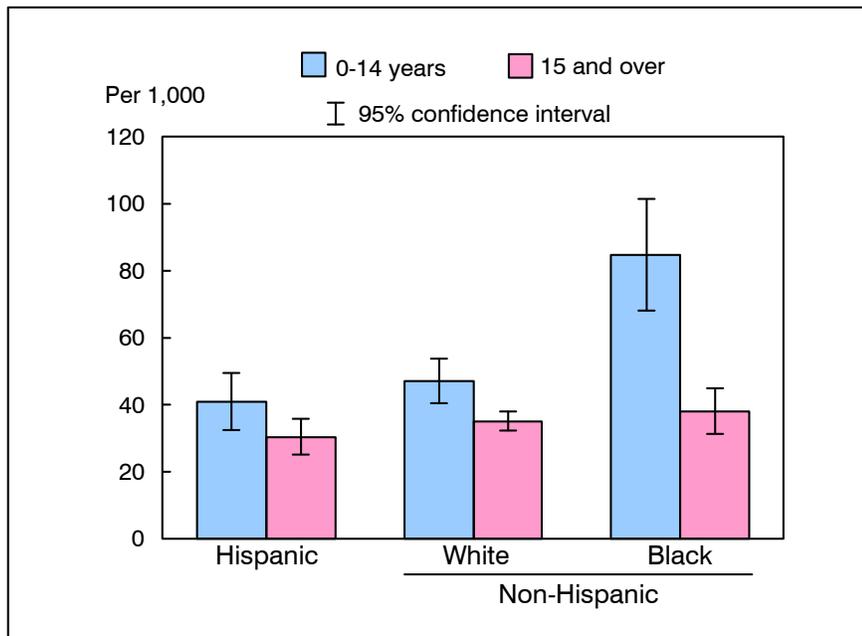


NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded 82 persons (0.2%) with unknown asthma status.

DATA SOURCE: Sample Adult and Sample Child Core components of the 2003 National Health Interview Survey.

- For both sexes combined, the rate of having an asthma episode during the past 12 months was higher among children under age 15 years than among those aged 15 years and over. For males, rates of having an asthma episode were higher among children 0-14 years than among those aged 15 years and over. This age difference was not seen among females.
- For children under age 15 years, rates of having an asthma episode were higher among boys than among girls. However, for persons in age groups 15-34 years and 35 years and over, rates were higher among females than among males.

Figure 15.3. Sex-adjusted rates of experiencing an asthma episode in the past 12 months among persons of all ages, by age group and race/ethnicity: United States, 2003



NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded 82 persons (0.2%) with unknown asthma status.

DATA SOURCE: Sample Adult and Sample Child Core components of the 2003 National Health Interview Survey.

- For children under age 15 years, the sex-adjusted rate of having an asthma episode during the past 12 months was higher among non-Hispanic black children than among Hispanic or non-Hispanic white children. This disparity in race/ethnicity was not seen among persons aged 15 years and over.
- Among the six age-specific race/ethnicity groups, the sex-adjusted rate of having an asthma episode was highest among non-Hispanic black children under age 15 years (84.6/1,000 population).

Data tables for figures 15.1-15.3:

Data for figure 15.1. Rates of experiencing an asthma episode in the past 12 months among persons of all ages: United States, 1997-2003

Year	Rate ¹ (95% Confidence Interval)	
	Crude ²	Age-adjusted ³
1997	41.8 (39.7-43.8)	41.5 (39.4-43.5)
1998	39.5 (37.4-41.7)	39.3 (37.2-41.5)
1999	38.6 (36.4-40.9)	38.5 (36.2-40.7)
2000	40.0 (37.7-42.2)	39.9 (37.6-42.1)
2001	43.2 (40.8-45.5)	43.1 (40.8-45.4)
2002	42.6 (40.2-44.9)	42.5 (40.2-44.9)
2003	38.7 (36.5-40.9)	38.7 (36.5-41.0)

¹Per 1,000 population.

²Crude estimates are presented in the graph.

³Estimates are age-adjusted to the 2000 projected U.S. standard population using three age groups: 0-14 years, 15-34 years, and 35 years and over.

Data table for figure 15.2. Rates of experiencing an asthma episode in the past 12 months among persons of all ages, by age group and sex: United States, 2003

Age and sex	Rate ¹	95% confidence interval
0-14 years		
Total	54.4	49.2-59.7
Male	63.3	55.2-71.3
Female	45.2	38.0-52.4
15-34 years		
Total	38.6	34.7-42.6
Male	30.4	25.0-35.9
Female	46.9	40.8-52.9
35 years and over		
Total	32.2	29.5-34.9
Male	18.5	15.3-21.7
Female	44.4	40.3-48.5

¹Per 1,000 population.

Data table for figure 15.3. Sex-adjusted rates of experiencing an asthma episode in the past 12 months among persons of all ages, by age group and race/ethnicity: United States, 2003

Sex and race/ethnicity	Rate¹	95% confidence interval
0-14 years		
Hispanic or Latino	40.9	32.5-49.4
Not Hispanic or Latino		
White, single race	47.2	40.6-53.7
Black, single race	84.6	68.0-101.2
15 years and over		
Hispanic or Latino	30.3	24.9-35.6
Not Hispanic or Latino		
White, single race	35.1	32.4-37.8
Black, single race	38.0	31.3-44.6

¹Per 1,000 population. Estimates are sex-adjusted to the 2000 projected U.S. standard population.