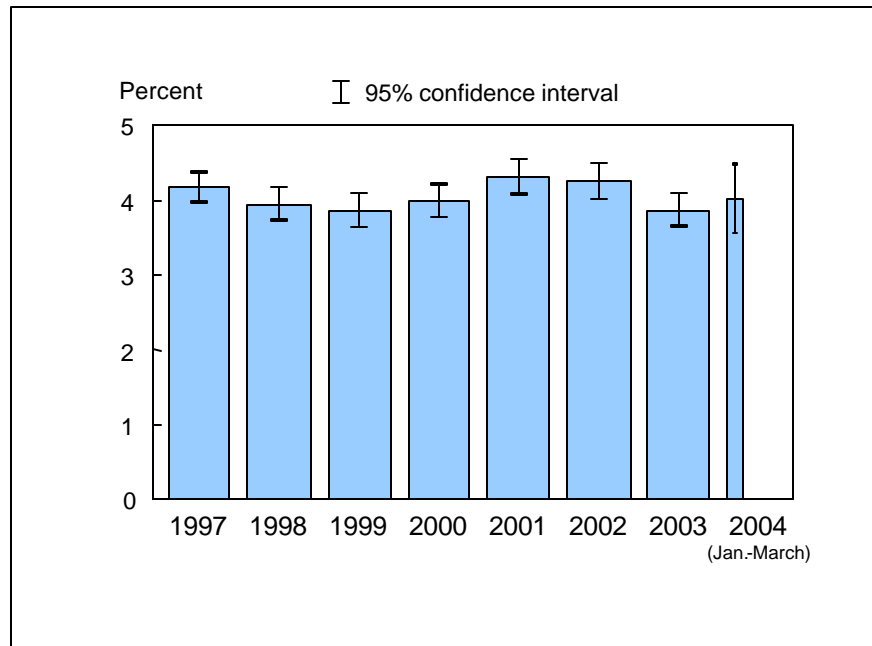


Figure 15.1. Percent of persons of all ages who experienced an asthma episode in the past 12 months: United States, 1997-2004



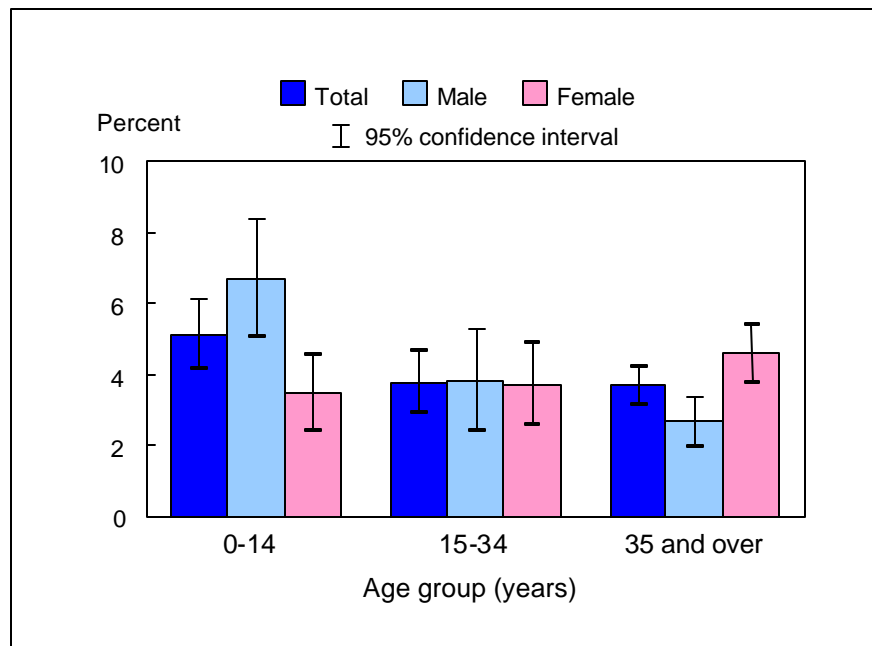
NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses 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: Combined Sample Adult and Sample Child Core components of the 1997-2004 National Health Interview Surveys. The estimate for 2004 was based on data collected from January through March.

■ In early 2004, the percent of persons of all ages who experienced an asthma episode in the past 12 months was 4.0% (95% CI = 3.6%-4.5%), which was higher than, but not significantly different from, the 2003 estimate of 3.9%.

■ The percent of persons of all ages who experienced an asthma episode in the past 12 months decreased from 4.2% in 1997 to 3.9% in 1999, but then increased significantly to 4.3% in 2001. The rates then decreased again from 4.3% in 2001 to 3.9% in 2003.

Figure 15.2. Percent of persons of all ages who experienced an asthma episode in the past 12 months, by age group and sex: United States, January-March 2004



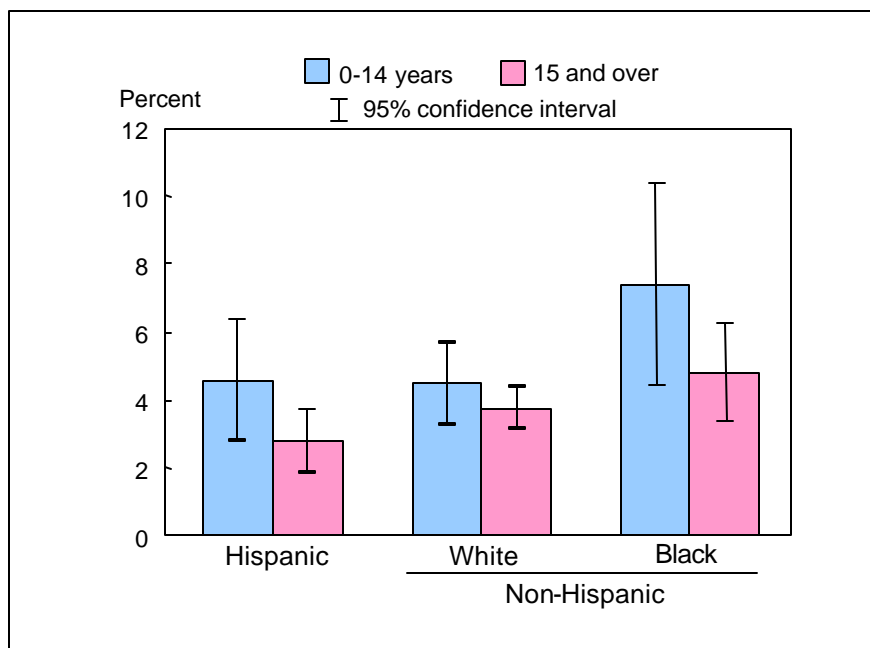
NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded 20 persons (0.2%) with unknown asthma status.

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2004 National Health Interview Survey.

- For both sexes combined, the percent of persons who had an asthma episode in the past 12 months was higher among children under age 15 years than among those aged 15 years and over. This age difference was also seen among males, but not among females.

- For children under age 15 years, the percent of persons who had an asthma episode in the past 12 months was higher among boys than among girls. However, for adults 35 years and over, the percent was higher among females than among males.

Figure 15.3. Sex-adjusted percent of persons of all ages who experienced an asthma episode in the past 12 months, by age group and race/ethnicity: United States, January-March 2004

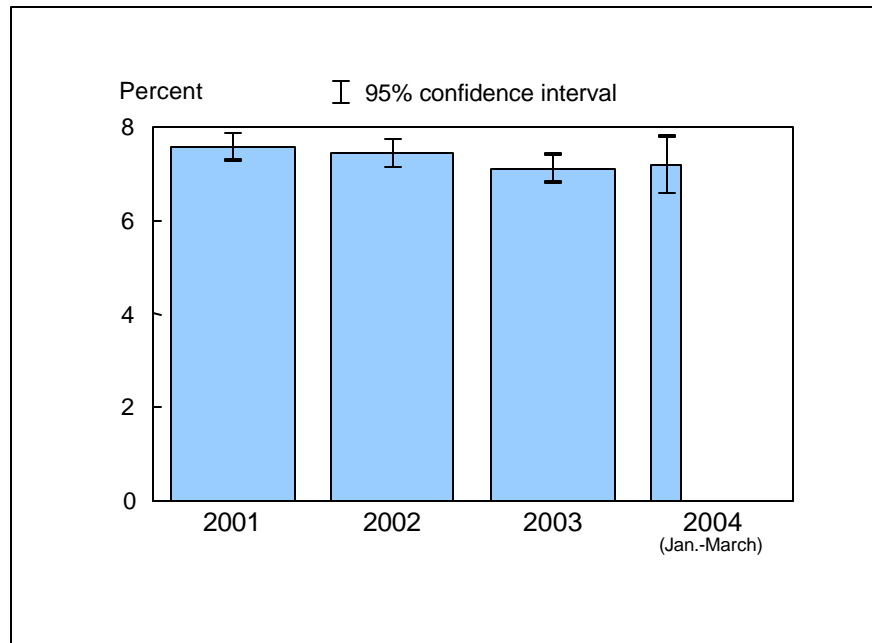


NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded 20 persons (0.2%) with unknown asthma status.

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2004 National Health Interview Survey.

- For children under age 15 years, the sex-adjusted percent of persons who had an asthma episode in the past 12 months was higher among non-Hispanic black children than among Hispanic or non-Hispanic white children, but this difference was not statistically significant.
- Among the six age-specific race/ethnicity groups, the sex-adjusted percent of persons who had an asthma episode in the past 12 months was highest among non-Hispanic black children under age 15 years (7.4%).

Figure 15.4. Prevalence of current asthma among persons of all ages: United States, 2001-2004



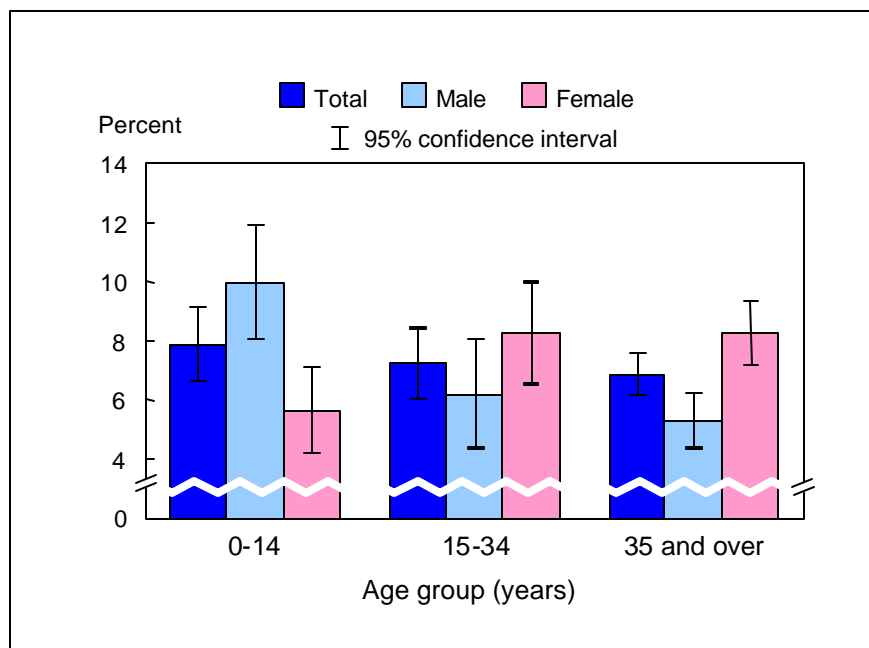
NOTES: Information on current asthma is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded people with unknown asthma status (about 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: Combined Sample Adult and Sample Child Core components of the 2001-2004 National Health Interview Surveys. The estimate for 2004 was based on data collected from January through March.

■ In early 2004, 7.2% of persons of all ages currently had asthma (95% CI = 6.6%-7.8%), which was higher than, but not significantly different from, the 2003 estimate of 7.1%.

■ The prevalence of current asthma among persons of all ages decreased from 7.6% in 2001 to 7.1% in 2003.

Figure 15.5. Prevalence of current asthma among persons of all ages, by age group and sex: United States, January-March 2004



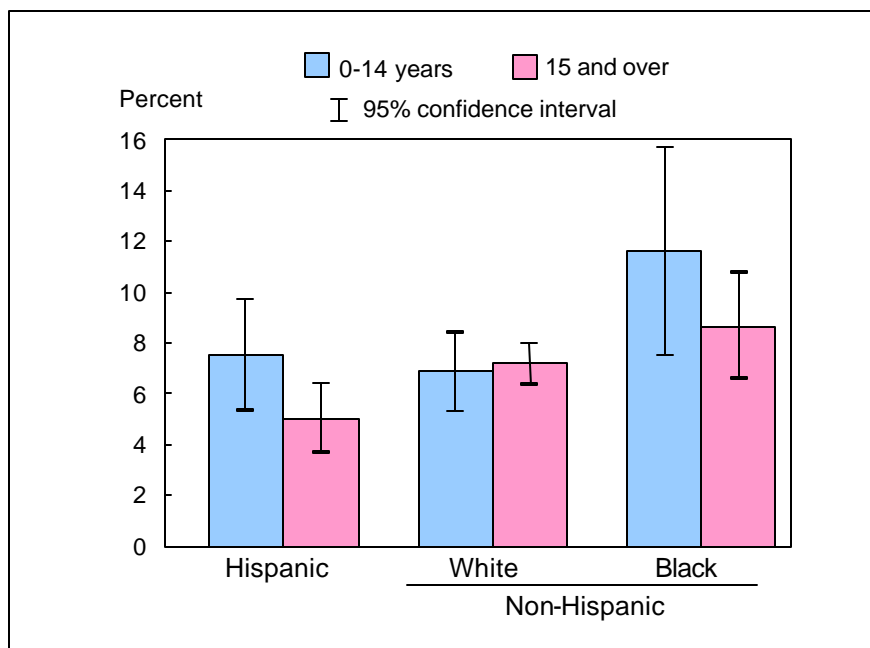
NOTES: Information on current asthma is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded 21 persons (0.2%) with unknown asthma status.

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2004 National Health Interview Survey.

- For both sexes combined, there was not a significant difference across age groups in the prevalence of current asthma. For males, the prevalence of current asthma was higher among children 0-14 years old than among those aged 15 years and over. For females, the prevalence of current asthma was higher among those aged 15 years and over than among children 0-14 years old.

- For children under age 15 years, the prevalence of current asthma was higher among boys than among girls. However, for adults 35 years and over, the prevalence of current asthma was higher among females than among males.

Figure 15.6. Sex-adjusted prevalence of current asthma among persons of all ages, by age group and race/ethnicity: United States, January-March 2004



NOTES: Information on current asthma 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 21 persons (0.2%) with unknown asthma status.

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2004 National Health Interview Survey.

- For children under age 15 years, the sex-adjusted prevalence of current asthma was higher among non-Hispanic black children than among Hispanic or non-Hispanic white children. The difference between non-Hispanic black children and Hispanic children was not statistically significant.
- Among the six age-specific race/ethnicity groups, the sex-adjusted prevalence of current asthma was highest among non-Hispanic black children under age 15 years (11.6%).

Data tables for figures 15.1-15.6:

Data for figure 15.1. Percent of persons of all ages who experienced an asthma episode in the past 12 months: United States, 1997–2004

Year	Percent (95% confidence interval)	
	Crude ¹	Age-adjusted ²
1997	4.2 (4.0-4.4)	4.2 (3.9-4.4)
1998	4.0 (3.7-4.2)	3.9 (3.7-4.2)
1999	3.9 (3.6-4.1)	3.9 (3.6-4.1)
2000	4.0 (3.8-4.2)	4.0 (3.8-4.2)
2001	4.3 (4.1-4.6)	4.3 (4.1-4.5)
2002	4.3 (4.0-4.5)	4.3 (4.0-4.5)
2003	3.9 (3.7-4.1)	3.9 (3.7-4.1)
January-March 2004	4.0 (3.6-4.5)	4.0 (3.6-4.5)

¹Crude estimates are presented in the graph.

²Estimates are age-adjusted to the 2000 projected U.S. standard population using three age groups: 10-14 years, 15-34 years, and 35 years and over.

Data table for figure 15.2. Percent of persons of all ages who experienced an asthma episode in the past 12 months, by age group and sex: United States, January-March 2004

Age and sex	Percent	95% confidence interval
0-14 years		
Total	5.1	4.2-6.1
Male	6.7	5.1-8.4
Female	3.5	2.4-4.6
15-34 years		
Total	3.8	2.9-4.7
Male	3.8	2.4-5.3
Female	3.7	2.6-4.9
35 years and over		
Total	3.7	3.2-4.2
Male	2.7	2.0-3.4
Female	4.6	3.8-5.4
All ages: Crude¹		
Total	4.0	3.6-4.5
Male	3.9	3.2-4.6
Female	4.1	3.6-4.7
All ages: Age-adjusted²		
Total	4.0	3.6-4.5
Male	3.9	3.2-4.6
Female	4.1	3.5-4.7

¹Crude estimates are presented in the graph.

²Estimates 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 15.3. Sex-adjusted percent of persons of all ages who experienced an asthma episode in the past 12 months, by age group and race/ethnicity: United States, January-March 2004

Sex and race/ethnicity	Percent¹	95% confidence interval
0-14 years		
Hispanic or Latino	4.6	2.8-6.4
Not Hispanic or Latino		
White, single race	4.5	3.3-5.7
Black, single race	7.4	4.4-10.4
15 years and over		
Hispanic or Latino	2.8	1.9-3.7
Not Hispanic or Latino		
White, single race	3.8	3.1-4.4
Black, single race	4.8	3.3-6.2

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

Data for figure 15.4. Prevalence of current asthma among persons of all ages: United States, 2001–2004

Year	Percent (95% confidence interval)	
	Crude¹	Age-adjusted²
2001	7.6 (7.3-7.9)	7.6 (7.3-7.9)
2002	7.4 (7.1-7.7)	7.4 (7.1-7.7)
2003	7.1 (6.8-7.4)	7.1 (6.8-7.4)
January-March 2004	7.2 (6.6-7.8)	7.2 (6.6-7.8)

¹Crude estimates are presented in the graph.

²Estimates 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 15.5. Prevalence of current asthma among persons of all ages, by age group and sex: United States, January-March 2004

Age and sex	Percent	95% confidence interval
0-14 years		
Total	7.9	6.6-9.1
Male	10.0	8.1-11.9
Female	5.7	4.2-7.1
15-34 years		
Total	7.2	6.0-8.4
Male	6.2	4.4-8.1
Female	8.3	6.5-10.0
35 years and over		
Total	6.9	6.2-7.6
Male	5.3	4.4-6.3
Female	8.3	7.2-9.3
All ages: Crude¹		
Total	7.2	6.6-7.8
Male	6.6	5.7-7.5
Female	7.7	6.9-8.5
All ages: Age-adjusted²		
Total	7.2	6.6-7.8
Male	6.6	5.7-7.4
Female	7.7	6.9-8.5

¹Crude estimates are presented in the graph.

²Estimates 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 15.6. Sex-adjusted prevalence of current asthma among persons of all ages, by age group and race/ethnicity: United States, January-March 2004

Sex and race/ethnicity	Percent ¹	95% confidence interval
0-14 years		
Hispanic or Latino	7.5	5.3-9.7
Not Hispanic or Latino		
White, single race	6.9	5.3-8.4
Black, single race	11.6	7.5-15.7
15 years and over		
Hispanic or Latino	5.0	3.7-6.4
Not Hispanic or Latino		
White, single race	7.2	6.4-8.0
Black, single race	8.7	6.6-10.8

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