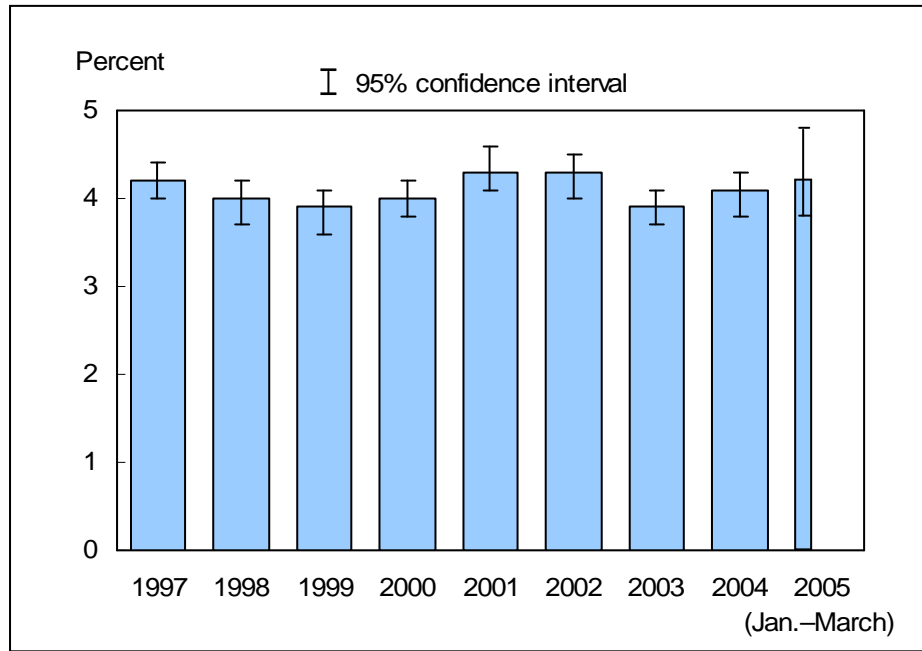


**Figure 15.1. Percentage of persons of all ages who experienced an asthma episode in the past 12 months: United States, 1997–2005**



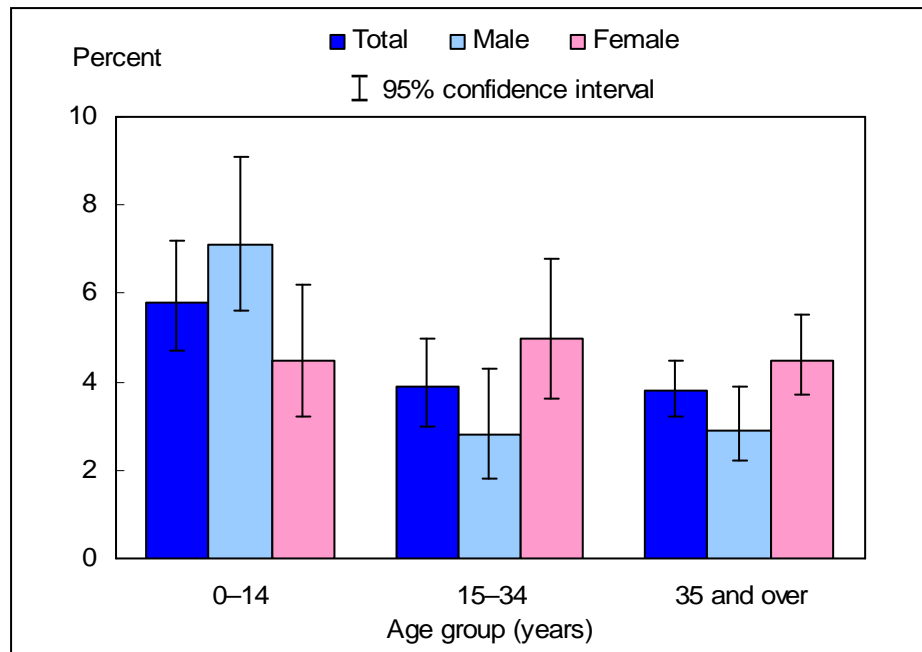
NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded people with unknown asthma episode status (about 0.3% of respondents each year). 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 table III in the Appendix for more details.

DATA SOURCE: Combined Sample Adult and Sample Child Core components of the 1997–2005 National Health Interview Surveys. The estimate for 2005 was based on data collected from January through March. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

■ In early 2005, the percentage of persons of all ages who experienced an asthma episode in the past 12 months was 4.2% (95% confidence interval = 3.8%–4.8%), which was similar to the 2004 estimate of 4.1%.

■ The percentage 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 increased significantly to 4.3% in 2001. The rates then decreased again to 3.9% in 2003.

**Figure 15.2. Percentage of persons of all ages who experienced an asthma episode in the past 12 months, by age group and sex: United States, January–March 2005**

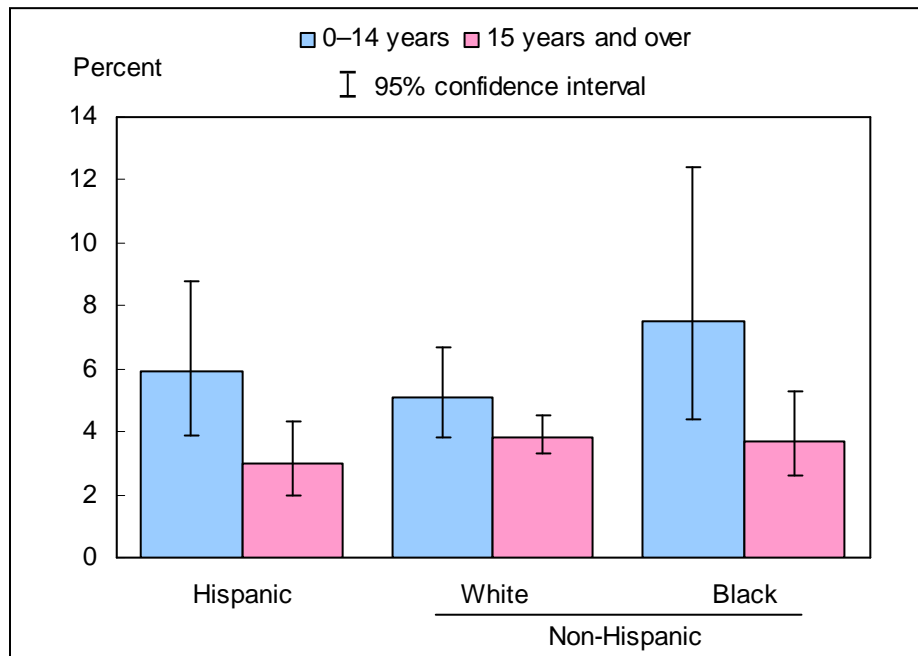


NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded 19 persons (0.2%) with unknown asthma episode status.

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2005 National Health Interview Survey. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

- For both sexes combined, the percentage 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 percentage of persons who had an asthma episode in the past 12 months was higher among boys than among girls. However, for persons 15 years and over, the percentage was higher among women than among men.

**Figure 15.3. Sex-adjusted percentage 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 2005**

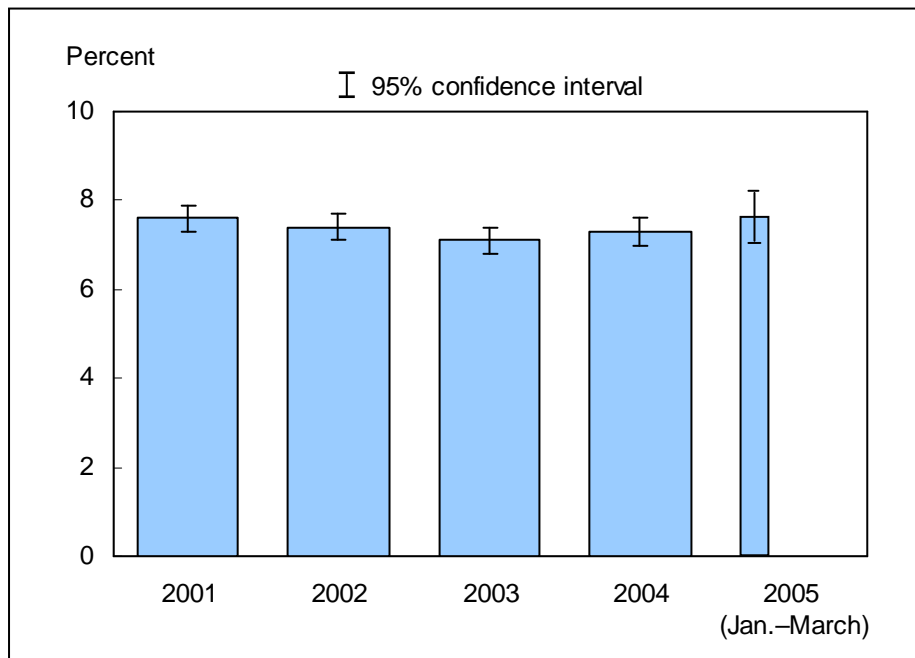


NOTES: Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded 19 persons (0.2%) with unknown asthma episode status.

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2005 National Health Interview Survey. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

- For children under age 15 years, the sex-adjusted percentage 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 percentage of persons who had an asthma episode in the past 12 months was highest among non-Hispanic black children under age 15 years (7.5%).

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



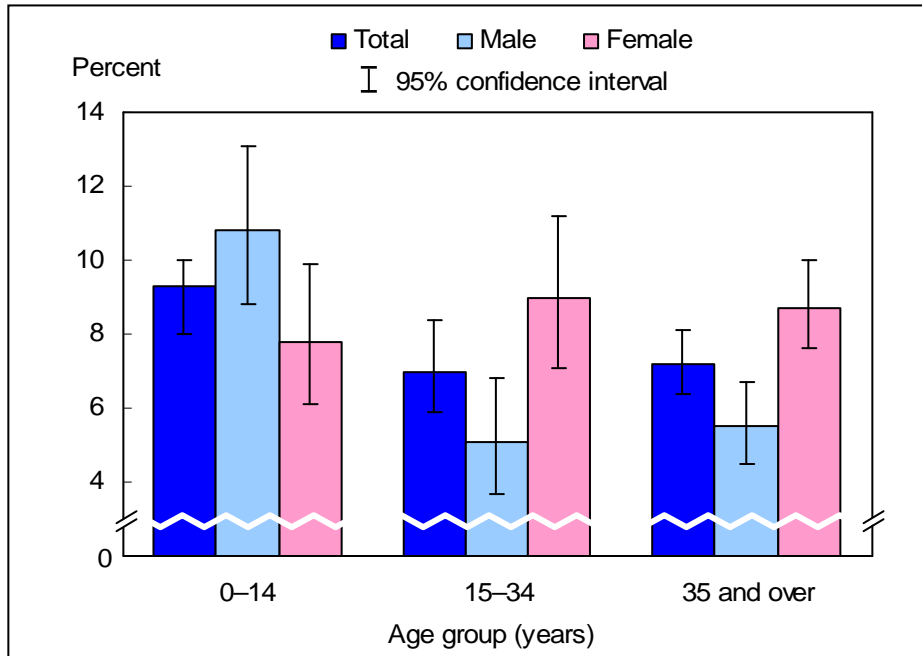
NOTES: Information on current asthma is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. The analyses excluded people with unknown current asthma status (about 0.3% of respondents each year). Beginning with the 2003 data, the National Health Interview Survey transitioned to weights derived from the 2000 census. In this Early Release, estimates for 2001–02 were recalculated using weights derived from the 2000 census. See "About This Release" and table III in the Appendix for more details.

DATA SOURCE: Combined Sample Adult and Sample Child Core components of the 2001–2005 National Health Interview Surveys. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

■ In early 2005, 7.6% (95% confidence interval = 7.0%–8.2%) of persons of all ages currently had asthma, which was higher than, but not significantly different from, the 2004 estimate of 7.3%.

■ 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 2005**

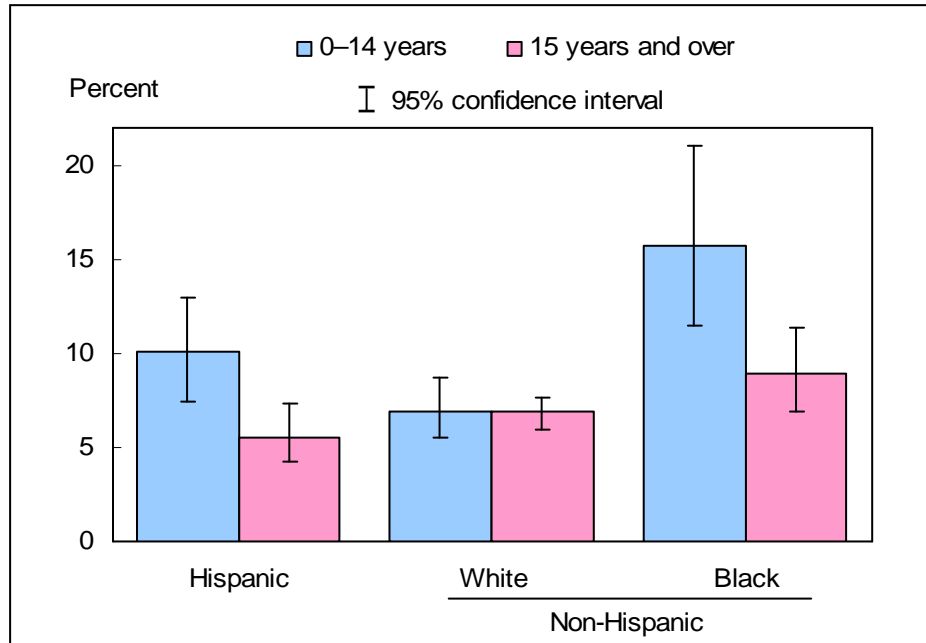


NOTES: Information on current asthma is self-reported by adults aged 18 years and over. For children under age 18 years, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child’s health. The analyses excluded 21 persons (0.2%) with unknown current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

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2005 National Health Interview Survey. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

- For both sexes combined, the prevalence of current asthma was higher among children 0–14 years old than among persons 15 years and over. This pattern was seen among males but not among females.
- For children under age 15 years, the prevalence of current asthma was higher among boys than among girls. However, among those 15 years and over, the prevalence of current asthma was higher among women than among men.

**Figure 15.6. Sex-adjusted prevalence of current asthma among persons of all ages, by age group and race/ethnicity: United States, January–March 2005**



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 current asthma status.

DATA SOURCE: Based on data collected from January through March in the Sample Adult and Sample Child Core components of the 2005 National Health Interview Survey. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

■ 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.

■ 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 (15.7%).

## Data tables for figures 15.1–15.6:

**Data for figure 15.1. Percentage of persons of all ages who experienced an asthma episode in the past 12 months: United States, 1997–2005**

Year	Percent (95% confidence interval)	
	Crude <sup>1</sup>	Age-adjusted <sup>2</sup>
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)
2004	4.1 (3.8-4.3)	4.1 (3.8-4.3)
January–March 2005	4.2 (3.8-4.8)	4.2 (3.8-4.8)

<sup>1</sup>Crude estimates are presented in the figure.

<sup>2</sup>Estimates 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 SOURCE: National Health Interview Survey, 1997–2005. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

**Data table for figure 15.2. Percentage of persons of all ages who experienced an asthma episode in the past 12 months, by age group and sex: United States, January–March 2005**

Age and sex	Percent	95% confidence interval
<b>0–14 years</b>		
Total	5.8	4.7-7.2
Male	7.1	5.6-9.1
Female	4.5	3.2-6.2
<b>15–34 years</b>		
Total	3.9	3.0-5.0
Male	2.8	1.8-4.3
Female	5.0	3.6-6.8
<b>35 years and over</b>		
Total	3.8	3.2-4.5
Male	2.9	2.2-3.9
Female	4.5	3.7-5.5
<b>All ages: crude<sup>1</sup></b>		
Total	4.2	3.8-4.8
Male	3.8	3.2-4.5
Female	4.6	4.0-5.4
<b>All ages: age-adjusted<sup>2</sup></b>		
Total	4.2	3.8-4.8
Male	3.8	3.2-4.5
Female	4.6	3.9-5.4

<sup>1</sup>Crude estimates are presented in the figure.

<sup>2</sup>Estimates 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 SOURCE: National Health Interview Survey, 2005. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

**Data table for figure 15.3. Sex-adjusted percentage 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 2005**

Age and race/ethnicity	Percent <sup>1</sup>	95% confidence interval
<b>0–14 years</b>		
Hispanic or Latino	5.9	3.9-8.8
Not Hispanic or Latino:		
White, single race	5.1	3.8-6.7
Black, single race	7.5	4.4-12.4
<b>15 years and over</b>		
Hispanic or Latino	3.0	2.0-4.3
Not Hispanic or Latino:		
White, single race	3.8	3.3-4.5
Black, single race	3.7	2.6-5.3

<sup>1</sup>Estimates are sex-adjusted to the 2000 projected U.S. standard population.

DATA SOURCE: National Health Interview Survey, 2005. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

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

Year	Percent (95% confidence interval)	
	Crude <sup>1</sup>	Age-adjusted <sup>2</sup>
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)
2004	7.3 (7.0-7.6)	7.3 (7.1-7.7)
January–March 2005	7.6 (7.0-8.2)	7.6 (7.0-8.2)

<sup>1</sup>Crude estimates are presented in the figure.

<sup>2</sup>Estimates 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 SOURCE: National Health Interview Survey, 2001–05. Data are based on household interviews of a sample of the civilian noninstitutionalized population.



**Data table for figure 15.5. Prevalence of current asthma among persons of all ages, by age group and sex: United States, January–March 2005**

Age and sex	Percent	95% confidence interval
<b>0–14 years</b>		
Total	9.3	8.0-10.9
Male	10.8	8.8-13.1
Female	7.8	6.1-9.9
<b>15–34 years</b>		
Total	7.0	5.9-8.4
Male	5.1	3.7-6.8
Female	9.0	7.1-11.2
<b>35 years and over</b>		
Total	7.2	6.4-8.1
Male	5.5	4.5-6.7
Female	8.7	7.6-10.1
<b>All ages: crude<sup>1</sup></b>		
Total	7.6	7.0-8.2
Male	6.5	5.8-7.4
Female	8.6	7.7-9.6
<b>All ages: age-adjusted<sup>2</sup></b>		
Total	7.6	7.0-8.2
Male	6.5	5.7-7.3
Female	8.6	7.7-9.6

<sup>1</sup>Crude estimates are presented in the figure.

<sup>2</sup>Estimates 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 SOURCE: National Health Interview Survey, 2005. Data are based on household interviews of a sample of the civilian noninstitutionalized population.

**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 2005**

Age and race/ethnicity	Percent <sup>1</sup>	95% confidence interval
<b>0–14 years</b>		
Hispanic or Latino	10.1	7.4-13.6
Not Hispanic or Latino:		
White, single race	6.9	5.5-8.7
Black, single race	15.7	11.5-21.0
<b>15 years and over</b>		
Hispanic or Latino	5.5	4.2-7.3
Not Hispanic or Latino:		
White, single race	6.9	6.2-7.7
Black, single race	8.9	6.9-11.4

<sup>1</sup>Estimates are sex-adjusted to the 2000 projected U.S. standard population.

DATA SOURCE: National Health Interview Survey, 2005. Data are based on household interviews of a sample of the civilian noninstitutionalized population.