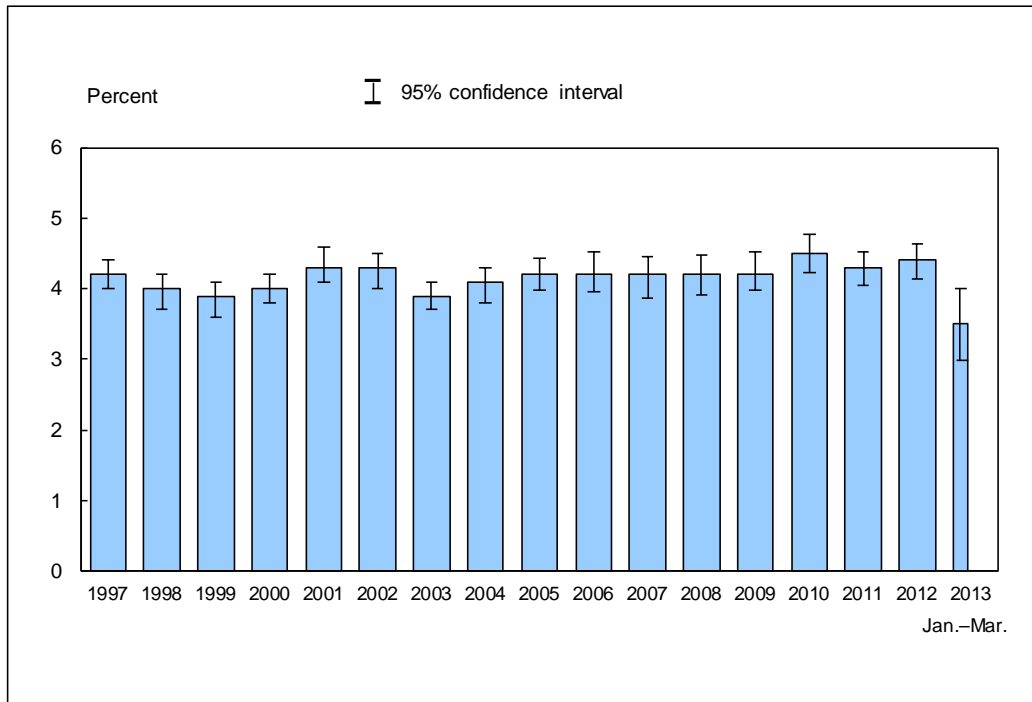


Figure 15.1. Percentage of persons of all ages who experienced an asthma episode in the past 12 months: United States, 1997–March 2013

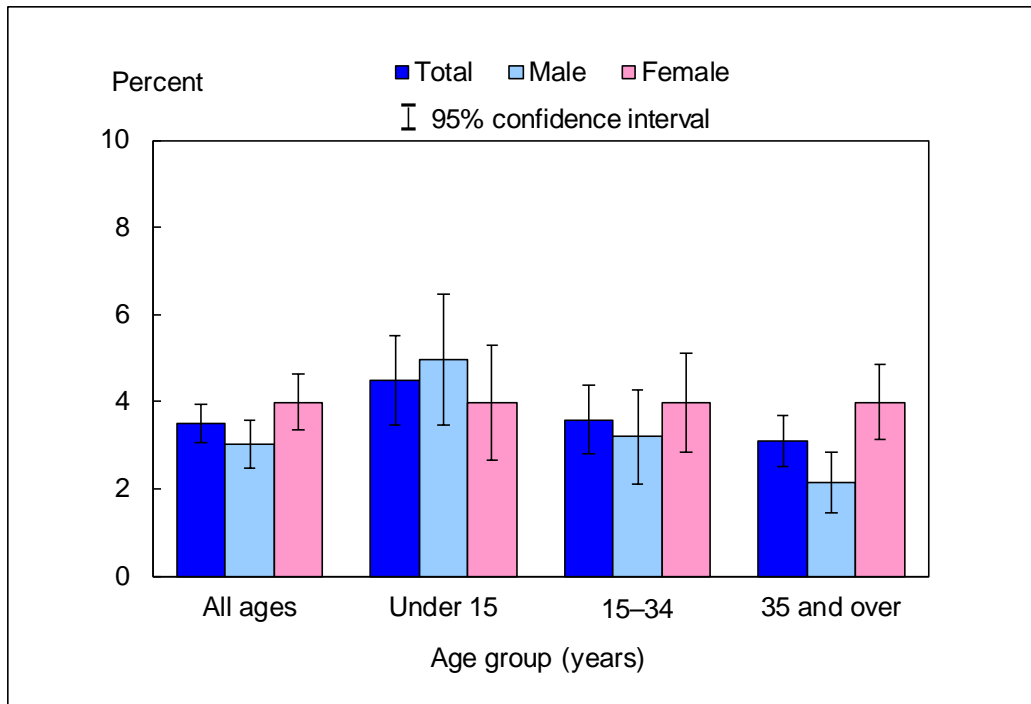


DATA SOURCE: CDC/NCHS, National Health Interview Survey, 1997–March 2013, combined Sample Adult and Sample Child Core components.

- For January–March 2013, the percentage of persons of all ages who experienced an asthma episode in the past 12 months was 3.5% (95% confidence interval = 3.07%–3.96%), which was lower than the 2012 estimate of 4.4%.
- The percentage of persons of all ages who experienced an asthma episode in the past 12 months increased from 3.9% in 1999 to 4.4% in 2012.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 and over. For children under age 18, 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 0.1% of respondents each year). • See [Technical Notes](#) for more details.

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 2013

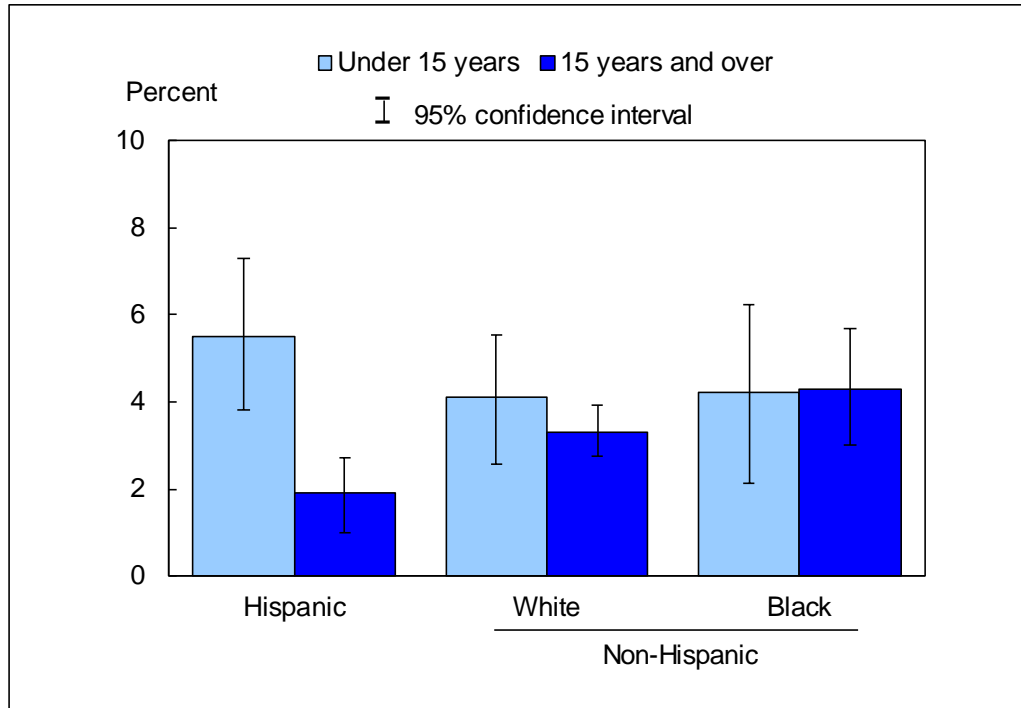


DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.

- 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 than among persons aged 35 and over.
- For persons of all ages, and for the age group 35 and over, the percentage of persons who had an asthma episode in the past 12 months was higher among females than among males.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • Information on an episode of asthma or asthma attack during the past 12 months is self-reported by adults aged 18 and over. For children under age 18, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. • The analyses excluded the 0.1% of persons with unknown asthma episode status. • See [Technical Notes](#) for more details.

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 2013

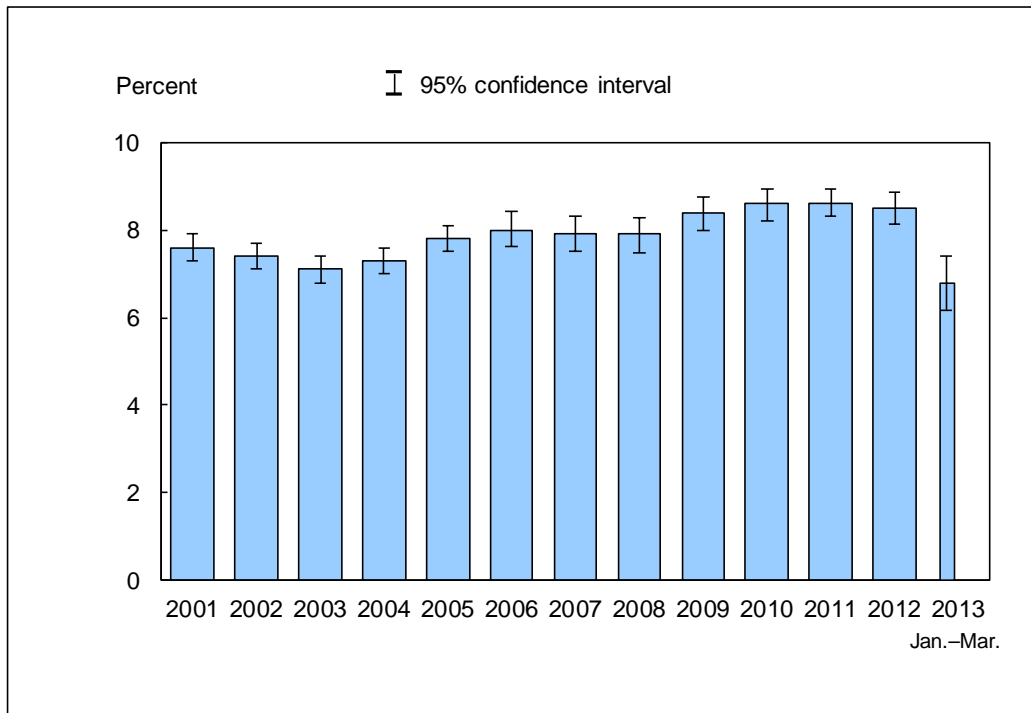


DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.

- For children under age 15, the sex-adjusted percentages who had an asthma episode in the past 12 months were 5.5% for Hispanic children, 4.1% for non-Hispanic white children, and 4.2% for non-Hispanic black children.
- For persons aged 15 and over, the sex-adjusted percentages who had an asthma episode in the past 12 months were 1.9% for Hispanic persons, 3.3% for non-Hispanic white persons, and 4.3% for non-Hispanic black persons.
- After adjustment for sex, for those aged 15 and over Hispanic persons were less likely to have had an asthma episode in the past 12 months compared with non-Hispanic white persons and non-Hispanic black persons.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • 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, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. • The analyses excluded the 0.1% of persons with unknown asthma episode status. • Additional estimates of asthma episodes in the past 12 months among persons with current asthma are provided in the Data table for Figure 15.3. • See [Technical Notes](#) for more details.

Figure 15.4. Prevalence of current asthma among persons of all ages: United States, 2001–March 2013

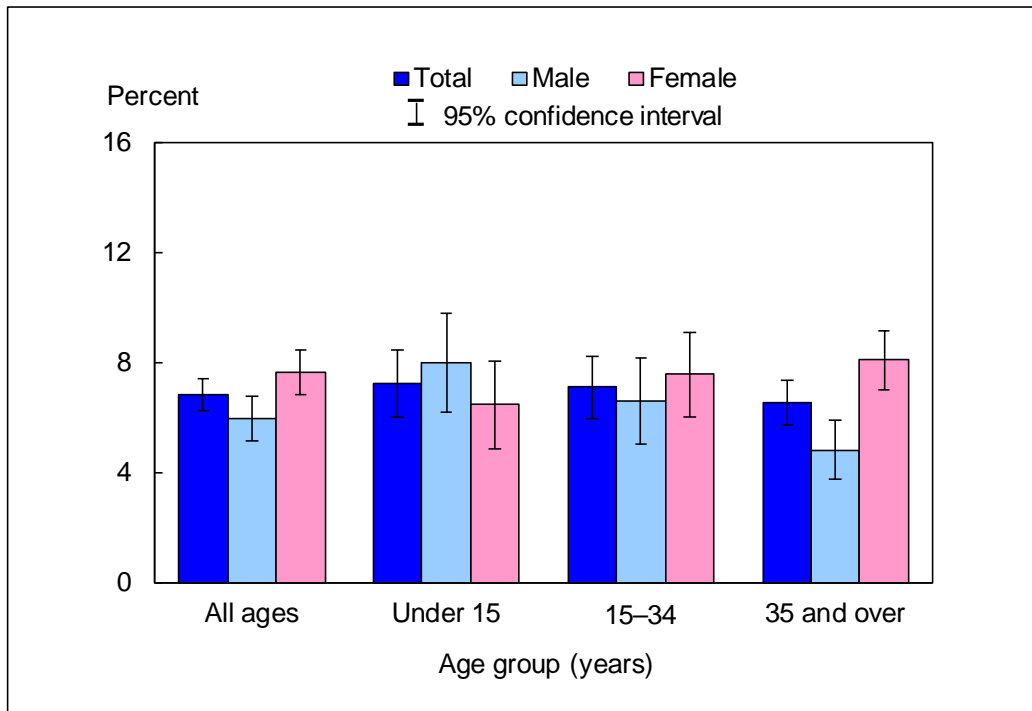


DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2001–March 2013, combined Sample Adult and Sample Child Core components.

- For January–March 2013, 6.8% (95% confidence interval = 6.25%–7.40%) of persons of all ages currently had asthma. This was lower than the 2012 estimate of 8.5%.
- The percentage of current asthma among persons of all ages increased from 7.1% in 2003 to 8.5% in 2012.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • Beginning in 2001, respondents were asked about current asthma in addition to the question regarding asthma episodes. Information on current asthma is self-reported by adults aged 18 and over. For children under age 18, 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 0.2% of respondents each year). • See [Technical Notes](#) for more details.

Figure 15.5. Prevalence of current asthma among persons of all ages, by age group and sex: United States, January–March 2013

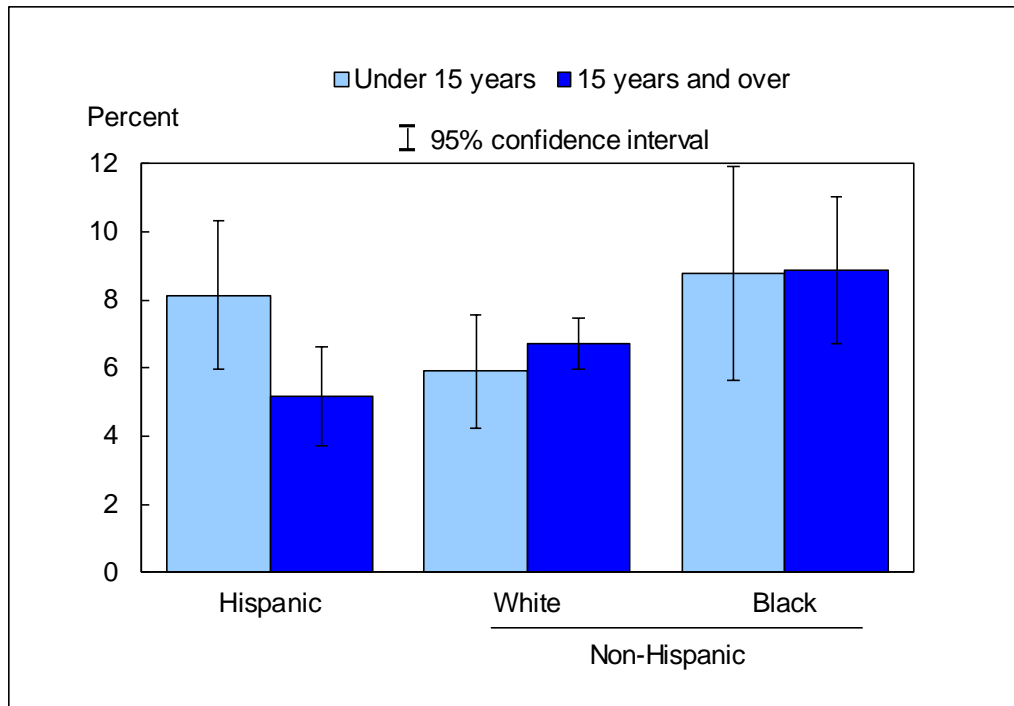


DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.

- For both sexes combined, there were no significant differences in currently having asthma by age group.
- For persons of all ages, and for persons aged 35 and over, the prevalence of current asthma was higher among women than among men.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • Information on current asthma is self-reported by adults aged 18 and over. For children under age 18, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. • The analyses excluded the 0.2% of persons with unknown current asthma status. • See [Technical Notes](#) for more details.

Figure 15.6. Sex-adjusted prevalence of current asthma among persons of all ages, by age group and race/ethnicity: United States, January–March 2013



DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.

- For children under age 15, the sex-adjusted prevalence of current asthma was 8.1% for Hispanic children, 5.9% for non-Hispanic white children, and 8.8% for non-Hispanic black children.
- For persons aged 15 and over, the sex-adjusted prevalence of current asthma was lower among Hispanic persons (5.2%) compared to non-Hispanic black persons (8.9%).

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • Information on current asthma is self-reported by adults aged 18 and over. For children under age 18, the information is collected from an adult family member, usually a parent, who is knowledgeable about the child's health. • The analyses excluded the 0.2% of persons with unknown current asthma status. • See [Technical Notes](#) for more details.

Data tables for Figures 15.1–15.6:

Data table for Figure 15.1. Percentage of persons of all ages who experienced an asthma episode in the past 12 months: United States, 1997–March 2013

Year	Crude ¹ percent (95% confidence interval)	Age-adjusted ² percent (95% confidence interval)
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)
2005	4.2 (3.99-4.43)	4.2 (4.00-4.44)
2006	4.2 (3.96-4.52)	4.3 (3.98-4.54)
2007	4.2 (3.87-4.46)	4.2 (3.88-4.47)
2008	4.2 (3.91-4.48)	4.2 (3.93-4.50)
2009	4.2 (3.97-4.52)	4.3 (3.99-4.54)
2010	4.5 (4.24-4.77)	4.5 (4.25-4.78)
2011	4.3 (4.06-4.52)	4.3 (4.08-4.54)
2012	4.4 (4.15-4.63)	4.4 (4.17-4.65)
January–March 2013	3.5 (3.07-3.96)	3.5 (3.10-3.99)

¹Crude estimates are presented in the figure.

²Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using three age groups: 0–14, 15–34, and 35 and over.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Beginning with the 2012 data, the National Health Interview Survey transitioned to weights derived from the 2010 census. For 2003–2011 data, weights were derived from the 2000 census. In this Early Release, estimates for 2000–2002 were recalculated using weights derived from the 2000 census. For 1997–1999 data, weights were derived from the 1990 census. See [Technical Notes](#) for more details.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 1997–March 2013, combined Sample Adult and Sample Child Core components.

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 2013

Age (years) and sex	Percent	95% confidence interval
Under 15, total	4.5	3.48-5.50
Under 15, male	5.0	3.48-6.47
Under 15, female	4.0	2.66-5.30
15-34, total	3.6	2.81-4.37
15-34, male	3.2	2.13-4.28
15-34, female	4.0	2.86-5.10
35 and over, total	3.1	2.53-3.70
35 and over, male	2.1	1.45-2.84
35 and over, female	4.0	3.13-4.85
All ages (crude ¹), total	3.5	3.07-3.96
All ages (crude ¹), male	3.0	2.48-3.57
All ages (crude ¹), female	4.0	3.35-4.63
All ages (age-adjusted ²), total	3.5	3.10-3.99
All ages (age-adjusted ²), male	3.0	2.49-3.60
All ages (age-adjusted ²), female	4.0	3.34-4.63

¹Crude estimates are presented in the figure.

²Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using three age groups: 0–14, 15–34, and 35 and over.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.

Data table for Figure 15.3. Sex-adjusted percentage of persons who experienced an asthma episode in the past 12 months, among all persons and among persons with current asthma, by age group and race/ethnicity: United States, January–March 2013

Age (years) and race/ethnicity	Percent¹ among all persons (95% confidence interval)	Percent¹ among persons with current asthma (95% confidence interval)
Under 15, Hispanic or Latino	5.5 (3.81-7.28)	68.3 (55.79-80.72)
Under 15, not Hispanic or Latino, single race, white	4.1 (2.57-5.54)	68.6 (54.98-82.22)
Under 15, not Hispanic or Latino, single race, black	4.2 (2.14-6.22)	46.3 (26.60-65.99)
15 and over, Hispanic or Latino	1.9 (1.00-2.73)	34.8 (22.09-47.57)
15 and over, not Hispanic or Latino, single race, white	3.3 (2.76-3.93)	49.4 (42.64-56.07)
15 and over, not Hispanic or Latino, single race, black	4.3 (3.00-5.70)	48.7 (37.31-60.14)

¹Estimates for all persons are presented in the figure. Estimates are sex adjusted using the projected 2000 U.S. population as the standard population.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.

**Data table for Figure 15.4. Prevalence of current asthma among persons of all ages:
United States, 2001–March 2013**

Year	Crude ¹ percent (95% confidence interval)	Age-adjusted ² percent (95% confidence interval)
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)
2005	7.8 (7.50-8.10)	7.8 (7.51-8.11)
2006	8.0 (7.61-8.41)	8.0 (7.62-8.43)
2007	7.9 (7.50-8.31)	7.9 (7.51-8.33)
2008	7.9 (7.48-8.27)	7.9 (7.51-8.30)
2009	8.4 (7.97-8.76)	8.4 (7.99-8.78)
2010	8.6 (8.19-8.94)	8.6 (8.20-8.95)
2011	8.6 (8.31-8.93)	8.6 (8.32-8.95)
2012	8.5 (8.12-8.86)	8.5 (8.15-8.88)
January–March 2013	6.8 (6.25-7.40)	6.8 (6.27-7.41)

¹Crude estimates are presented in the figure.

²Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using three age groups: 0–14, 15–34, and 35 and over.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Beginning with the 2012 data, the National Health Interview Survey transitioned to weights derived from the 2010 census. For 2003–2011 data, weights were derived from the 2000 census. In this Early Release, estimates for 2000–2002 were recalculated using weights derived from the 2000 census. For 1997–1999 data, weights were derived from the 1990 census. See [Technical Notes](#) for more details.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2001–March 2013, combined Sample Adult and Sample Child Core components.

Data table for Figure 15.5. Prevalence of current asthma among persons of all ages, by age group and sex: United States, January–March 2013

Age (years) and sex	Percent	95% confidence interval
Under 15, total	7.2	6.02-8.44
Under 15, male	8.0	6.16-9.78
Under 15, female	6.5	4.88-8.04
15-34, total	7.1	5.98-8.20
15-34, male	6.6	5.05-8.17
15-34, female	7.6	6.03-9.10
35 and over, total	6.5	5.75-7.33
35 and over, male	4.8	3.74-5.88
35 and over, female	8.1	7.01-9.17
All ages (crude ¹), total	6.8	6.25-7.40
All ages (crude ¹), male	6.0	5.16-6.76
All ages (crude ¹), female	7.6	6.85-8.44
All ages (age-adjusted ²), total	6.8	6.27-7.41
All ages (age-adjusted ²), male	6.0	5.19-6.78
All ages (age-adjusted ²), female	7.6	6.81-8.39

¹Crude estimates are presented in the figure.

²Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using three age groups: 0–14, 15–34, and 35 and over.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.

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 2013

Age (years) and race/ethnicity	Percent ¹	95% confidence interval
Under 15, Hispanic or Latino	8.1	5.95-10.31
Under 15, not Hispanic or Latino, single race, white	5.9	4.24-7.57
Under 15, not Hispanic or Latino, single race, black	8.8	5.63-11.91
15 and over, Hispanic or Latino	5.2	3.71-6.61
15 and over, not Hispanic or Latino, single race, white	6.7	5.97-7.49
15 and over, not Hispanic or Latino, single race, black	8.9	6.71-11.04

¹Estimates are sex adjusted using the projected 2000 U.S. population as the standard population.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, January–March 2013, combined Sample Adult and Sample Child Core components.