

**Current Smoking Prevalence Among Adults with Current Asthma,**  
**Texas, 2011**

**Data Requested by**

Texas Department of State Health Services, Immunization Branch

**Data Request Prepared by Erin Wickerham, MPH**

**Epidemiologist**

Texas Asthma Control Program  
Office of Surveillance, Evaluation and Research  
Health Promotion and Chronic Disease Prevention Section  
Texas Department of State Health Services

**Data Request Reviewed by Nimisha Bhakta, MPH**

**Lead Epidemiologist**

Office of Surveillance, Evaluation and Research  
Health Promotion and Chronic Disease Prevention Section  
Texas Department of State Health Services

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## **Current Asthma**

- According to the 2011 Texas Behavioral Risk Factor Surveillance System (BRFSS), an estimated 7.4 percent (95 % Confidence Interval (CI): 6.8-8.1) of Texas adults age 18 years and older had current asthma. Therefore, an estimated 1,422,284 Texas adult residents had current asthma in 2011.
- Among adults in Texas age 19-64 years, 7.3 percent (95% CI: 6.5-8.1) had current asthma. Therefore, an estimated 1,187,610 Texas adult residents age 19-64 had current asthma in 2011.

## **Current Smoking**

- Among adults 18 years and older, 19.2 percent (95% CI: 18.0-20.4) were current smokers in 2011. Therefore, an estimated 3,690,251 Texas adult residents were current smokers.
- Among adults age 19-64 years, 21.3 percent (95% CI: 19.9-22.7) were current smokers in 2011. Therefore, an estimate 3,465,218 Texas residents age 19-64 years were current smokers.

## **Smoking Prevalence among Adults with Current Asthma**

- Among adults 18 years and older with current asthma, 24.6 percent (95% CI: 20.3-28.9) were current smokers. Therefore, an estimated 349,882 adult Texas residents with current asthma were current smokers.
- Among adults age 19-64 years with current asthma, 27.4 percent (95% CI: 22.3-32.5) were current smokers. Therefore, an estimated 325,405 Texas residents age 19-64 years had current asthma and were current smokers.

## **Smoking Prevalence among Adults without Current Asthma**

- Among adults 18 years and older who did not have current asthma, 18.6 percent (95% CI: 17.3-19.8) were current smokers.
- Among adults age 19-64 years who do not have current asthma, an estimated 20.7 percent (95% CI: 19.2-22.2) were current smokers.

### **Note:**

Estimated 2011 Texas resident population age 18 years and older = 19,220,057 people

Estimated 2011 Texas resident population age 19-64 years = 16,268,631 people

**Adults with current asthma** are defined as those who responded 'yes' to both of the following questions: "Have you ever been told by a doctor, nurse, or other health professional that you had asthma?" and "Do you still have asthma?"

**Current smokers** are those who answered 'yes' to the following question: "Have you ever smoked at least 100 cigarettes in your entire life?" and respond every day or some days to the follow question: "Do you now smoke cigarettes every day, some days, or not at all?"

**Limitations of the data used in this report**

- Prevalence estimates from BRFSS may underestimate the true prevalence of asthma among Texas adults because the survey does not identify undiagnosed cases of asthma.
- Due to the improvements in BRFSS sampling methodology and a change in weighting procedures used for the survey data, 2011 BRFSS data cannot be compared to survey data from previous years to assess trends. Shifts in prevalence estimates for 2011 might not represent trends in prevalence in the population but instead merely reflect improved methods of measuring disease and risk factors.