



The North Carolina YTS includes data on the prevalence of cigarette and other tobacco products as well as information on tobacco use, environmental tobacco smoke (ETS), cessation, pro-health media, tobacco advertising, school tobacco prevention education, community participation, and access and availability of tobacco products. These areas are critical components that North Carolina should include in a comprehensive tobacco control program.

The North Carolina YTS was a public school-based survey of students in grades 6-12, conducted in 1999<sup>1</sup>, 2001, 2003 & 2005. A multi-stage cluster sample design was used to produce representative data of middle and high school students for all of North Carolina. Schools were selected with the probability proportional to enrollment size. Classes were randomly selected and all students in selected classes were eligible to participate. The 2005 YTS school district response rate was 100%, the student response rate was 82.83% and the overall response rate was 82.83%. A total of 994 middle school students participated and completed the North Carolina YTS in 2005.

## Prevalence

33.5% of students had ever used any tobacco product (White = 32.7%, Black = 34.8%, Hispanic = 31.1%)<sup>2</sup>  
26.4% of students had ever smoked cigarettes (Male = 26.2%, Female = 26.6%)  
11.7% currently use any tobacco product (White = 10.0%, Black = 12.2%, Hispanic = 19.4%)  
6.3% currently smoke cigarettes (Male = 7.5%, Female = 5.0%)  
2.9% currently use smokeless tobacco (Male = 3.9%, Female = 1.9%)

## Secondhand Smoke (SHS)

46.6% live in homes where others smoke  
51.3% are in the same room as others who smoke during the week  
86.5% think smoke from others is harmful to them

## Cessation – Current Smokers

40.6% want to quit smoking  
67.7% attempted to stop smoking in the past year

## Pro-health Media vs Tobacco Advertising

67.7% saw or heard anti-smoking media messages in the past month  
14.7% have an object with a tobacco brand logo

## School

44.6% were taught the dangers of tobacco  
1.8% smoked on school property in the past month

## Community

8.4% attended a tobacco use prevention training

## Access and Availability- Current Smokers < 18 years old

7.0% buy cigarettes in stores  
71.3% who bought cigarettes in a store were NOT refused purchase because of their age

## Middle School Highlights

More than 3 in 10 students have used tobacco; 12% currently use some form of tobacco; 6% currently smoke cigarettes; 3% currently use smokeless tobacco (spit, chew or dip)

SHS exposure is high – 5 in 10 students were in the same room with smokers during the week

Nearly 9 in 10 students think smoke from others is harmful to them

4 in 10 current smokers want to quit smoking

Almost 7 in 10 students saw or heard anti-smoking media messages in the past month

More than 4 in 10 were taught the dangers of tobacco in past year

2 in 100 smoked on school property

Nearly 1 in 12 attended a tobacco prevention training in the past year

7 in 10 currently smoking students were not refused the purchase of cigarettes due to their age

\* Includes: Beaufort, Bertie, Bladen, Brunswick, Camden, Carteret, Chowan, Columbus, Craven, Currituck, Dare, Duplin, Edgecombe, Gates, Greene, Halifax, Hertford, Hyde, Johnston, Jones, Lenoir, Martin, Nash, New Hanover, Northampton, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Sampson, Tyrrell, Warren, Washington, Wayne, and Wilson Counties.

<sup>1</sup> 1999, 2001, 2003 YTS results at <http://www.communityhealth.dhhs.state.nc.us/tobacco/Survey/survey.htm>

<sup>2</sup> Detailed 2005 YTS tables including 95% confidence intervals are available upon request.