

**Preliminary Data
Detailed Summary Tables—
Statewide and Regional Comparisons
North Carolina Youth Tobacco Survey—2003
N.C. Department of Health and Human Services**

**Surveillance and Evaluation Team
Tobacco Prevention and Control Branch
Department of Health and Human Services
1932 Mail Service Center
Raleigh, NC 27699-1932
919-715-3497**

List of Middle School Tables

Table MS-1	Percentage of middle school students who report ever using* any tobacco product (cigarettes, cigars, smokeless tobacco, kreteks, or bidis), by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table MS-2	Percentage of middle school students who report ever using* cigarettes, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table MS-3	Percentage of middle school students who report ever using* smokeless tobacco, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table MS-4	Percentage of middle school students who report current use* of any tobacco product (cigarettes, cigars, smokeless tobacco, pipes, or bidis), by gender, grade, and race/ethnicity: North Carolina Youth Tobacco Survey, 2003.
Table MS-5	Percentage of middle school students who report current use* of cigarettes, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table MS-6	Percentage of middle school students who report current use* of smokeless tobacco, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

List of High School Tables

Table HS-1	Percentage of high school students who report ever using* any tobacco product (cigarettes, cigars, smokeless tobacco, kreteks, or bidis), by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table HS-2	Percentage of high school students who report ever using* cigarettes, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table HS-3	Percentage of high school students who report ever using* smokeless tobacco, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table HS-4	Percentage of high school students who report current use* of any tobacco product (cigarettes, cigars, smokeless tobacco, kreteks, or bidis), by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table HS-5	Percentage of high school students who report current use* of cigarettes, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.
Table HS-6	Percentage of high school students who report current use* of smokeless tobacco, by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

TABLE MS-1. Percentage of middle school students who report ever using* any tobacco product (cigarettes, cigars, smokeless tobacco, kreteks, or bidis) by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	34.8 (±4.6)†	38.5 (±7.0)	33.7 (±6.7)	35.2 (±6.6)
Male	40.4 (±4.2)	43.5 (±5.0)	39.5 (±6.2)	40.8 (±5.9)
Grade				
Sixth	25.2 (±6.1)	30.8 (±4.9)	24.5 (±9.5)	23.5 (±3.8)
Seventh	36.8 (±3.6)	36.7 (±6.0)	34.3 (±4.3)	43.7 (±7.0)
Eighth	51.2 (±6.0)	56.0 (±9.0)	51.3 (±8.8)	48.0 (±7.7)
Race/ethnicity				
White	35.0 (±4.3)	40.5 (±5.7)	33.5 (±6.5)	33.8 (±6.5)
Black	41.8 (±5.1)	44.0 (±9.3)	41.8 (±7.0)	41.5 (±7.5)
Hispanic	43.6 (±12.7)	38.2 (±12.8)	42.7 (±17.1)	50.0 (±19.4)
Other	38.8 (±9.8)	52.2 (±8.3)	34.8 (±11.6)	54.0 (±11.8)
Total	37.6 (±3.8)	41.1 (±5.2)	36.7 (±5.6)	38.0 (±5.4)

*Ever use of cigarettes was determined by asking, "Have you ever tried cigarette smoking, even one or two puffs?" Ever use of cigars was determined by asking, "Have you ever tried smoking cigars, cigarillos, or little cigars, even one or two puffs?" Ever use of smokeless tobacco was determined by asking, "Have you ever used chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, or Copenhagen? Ever use of bidis and kreteks was determined by asking, "Have you ever tried smoking any of the following: 1) bidis, 2) kreteks?"

† Ninety-five percent confidence interval.

TABLE MS-2. Percentage of middle school students who report ever using* cigarettes by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	28.8 (±5.5)†	32.2 (±6.9)	27.7 (±8.2)	29.8 (±6.5)
Male	30.2 (±3.9)	34.7 (±4.7)	28.7 (±5.7)	31.2 (±5.3)
Grade				
Sixth	17.1 (±5.3)	21.9 (±4.6)	16.9 (±8.3)	14.4 (±3.1)
Seventh	27.7 (±3.5)	28.0 (±6.6)	24.5 (±4.1)	36.4 (±6.0)
Eighth	43.8 (±7.2)	50.3 (±10.2)	43.2 (±10.7)	41.0 (±8.1)
Race/ethnicity				
White	26.9 (±4.1)	33.3 (±5.5)	24.8 (±6.1)	26.7 (±5.8)
Black	33.9 (±5.9)	34.6 (±8.4)	33.2 (±8.1)	35.3 (±8.0)
Hispanic	35.3 (±12.3)	28.1 (±13.6)	37.9 (±16.5)	28.4 (±14.7)
Other	29.8 (±10.6)	48.5 (±11.1)	24.6 (±12.6)	48.8 (±13.1)
Total	29.5 (±4.0)	33.4 (±5.1)	28.2 (±5.9)	30.4 (±5.1)

*Ever use of cigarettes was determined by asking, "Have you ever tried cigarette smoking, even one or two puffs?"

† Ninety-five percent confidence interval.

TABLE MS-3. Percentage of middle school students who report ever using* smokeless tobacco by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	7.7 (±1.5)†	13.8 (±4.3)	6.2 (±2.0)	8.2 (±2.6)
Male	18.1 (±3.4)	24.6 (±4.3)	18.2 (±5.1)	13.5 (±2.9)
Grade				
Sixth	10.4 (±3.4)	13.8 (±4.3)	9.7 (±5.2)	10.0 (±3.1)
Seventh	12.7 (±3.0)	16.8 (±5.7)	12.5 (±4.5)	10.5 (±2.4)
Eighth	15.8 (±3.1)	27.4 (±7.2)	14.2 (±4.3)	12.4 (±3.9)
Race/ethnicity				
White	14.8 (±2.3)	20.7 (±4.4)	14.0 (±3.5)	11.1 (±2.8)
Black	9.8 (±3.0)	13.1 (±5.8)	9.4 (±4.3)	10.3 (±3.2)
Hispanic	11.9 (±6.0)	3.5 (±5.3)	13.4 (±8.3)	11.0 (±9.1)
Other	14.1 (±7.7)	19.8 (±5.9)	12.7 (±9.5)	17.4 (±14.5)
Total	13.0 (±2.1)	19.4 (±3.5)	12.3 (±3.1)	10.9 (±2.1)

*Ever use of smokeless tobacco was determined by asking, "Have you ever used chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, or Copenhagen?"

† Ninety-five percent confidence interval.

TABLE MS-4. Percentage of middle school students who report current use* of any tobacco product (cigarettes, cigars, smokeless tobacco, kreteks, or bidis) by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	11.0 (±2.2)†	14.4 (±4.5)	10.4 (±3.1)	10.6 (±2.8)
Male	17.4 (±3.1)	19.7 (±4.5)	16.8 (±4.4)	17.4 (±4.8)
Grade				
Sixth	8.1 (±3.5)	12.0 (±5.3)	7.8 (±5.3)	6.3 (±2.3)
Seventh	11.0 (±3.1)	11.7 (±3.8)	8.9 (±4.0)	16.2 (±5.2)
Eighth	24.1 (±4.4)	28.0 (±8.7)	24.5 (±6.2)	20.4 (±6.5)
Race/ethnicity				
White	14.1 (±2.7)	17.3 (±4.6)	13.1 (±3.9)	13.7 (±4.3)
Black	13.7 (±3.7)	15.7 (±5.7)	13.2 (±5.3)	14.5 (±4.1)
Hispanic	17.7 (±9.9)	13.4 (±8.5)	19.3 (±13.3)	14.0 (±14.6)
Other	18.5 (±7.4)	22.7 (±6.5)	17.3 (±9.2)	22.5 (±11.0)
Total	14.3 (±2.4)	17.2 (±4.2)	13.7 (±3.4)	14.1 (±3.5)

*Current use of cigarettes or cigars or smokeless tobacco or pipes or bidis or kreteks on 1 of the 30 days preceding the survey.

† Ninety-five percent confidence interval.

TABLE MS-5. Percentage of middle school students who report current use* of cigarettes by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	8.9 (±2.1)†	11.6 (±3.7)	8.2 (±3.0)	9.0 (±2.7)
Male	9.8 (±1.8)	11.2 (±3.4)	9.7 (±2.6)	9.1 (±3.2)
Grade				
Sixth	4.1 (±2.4)	4.8 (±2.0)	4.4 (±3.7)	2.7 (±1.5)
Seventh	7.3 (±2.0)	7.8 (±2.9)	6.2 (±2.7)	10.0 (±3.2)
Eighth	16.9 (±3.6)	21.6 (±7.3)	16.5 (±5.0)	15.0 (±4.8)
Race/ethnicity				
White	9.1 (±2.2)	11.7 (±3.5)	8.2 (±3.3)	8.9 (±3.2)
Black	8.8 (±2.4)	8.3 (±5.5)	8.5 (±3.4)	9.6 (±2.2)
Hispanic	13.5 (±9.7)	9.4 (±7.7)	16.1 (±13.4)	5.6 (±5.4)
Other	14.2 (±6.6)	15.4 (±6.1)	14.3 (±8.3)	11.4 (±10.2)
Total	9.3 (±1.6)	11.4 (±3.1)	9.0 (±2.4)	9.0 (±2.1)

*Current use of cigarettes on 1 of the 30 days preceding the survey.

† Ninety-five percent confidence interval.

TABLE MS-6. Percentage of middle school students who report current use* of smokeless tobacco by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	1.5 (±0.7)†	2.7 (±1.9)	1.5 (±1.0)	0.9 (±0.8)
Male	7.2 (±1.7)	10.3 (±3.2)	7.5 (±2.4)	4.5 (±2.1)
Grade				
Sixth	3.7 (±1.6)	5.9 (±2.7)	4.0 (±2.3)	1.7 (±1.5)
Seventh	2.9 (±1.3)	4.0 (±1.9)	2.4 (±1.9)	3.6 (±2.3)
Eighth	6.8 (±2.5)	10.2 (±4.7)	7.3 (±3.6)	3.1 (±2.1)
Race/ethnicity				
White	5.9 (±1.3)	7.3 (±2.5)	6.2 (±1.9)	3.4 (±1.7)
Black	1.7 (±1.2)	3.6 (±3.4)	1.6 (±1.7)	1.7 (±1.6)
Hispanic	5.7 (±5.9)	1.8 (±2.7)	7.4 (±8.5)	1.7 (±3.2)
Other	3.5 (±3.1)	6.0 (±6.2)	2.0 (±3.2)	13.3 (±13.3)
Total	4.5 (±1.0)	6.7 (±2.0)	4.5 (±1.4)	2.8 (±1.2)

*Current use of smokeless tobacco on 1 of the 30 days preceding the survey.

† Ninety-five percent confidence interval.

TABLE HS-1. Percentage of high school students who report ever using* any tobacco product (cigarettes, cigars, smokeless tobacco, kreteks, or bidis) by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	61.6 (±3.6)†	63.5 (±5.1)	58.6 (±5.3)	68.5 (±5.2)
Male	69.1 (±3.2)	66.9 (±5.1)	69.9 (±4.7)	68.5 (±4.6)
Grade				
Ninth	59.9 (±5.5)	61.7 (±5.1)	56.9 (±8.4)	66.8 (±7.5)
Tenth	69.3 (±6.1)	68.2 (±8.3)	70.4 (±8.4)	67.1 (±12.6)
Eleventh	66.3 (±7.2)	66.5 (±10.9)	64.2 (±10.6)	72.0 (±6.9)
Twelfth	68.1 (±7.1)	65.4 (±8.8)	68.0 (±11.1)	70.1 (±5.9)
Race/ethnicity				
White	64.3 (±4.5)	64.2 (±5.1)	63.4 (±7.1)	67.2 (±5.8)
Black	67.1 (±4.4)	75.1 (±10.9)	65.6 (±6.3)	69.0 (±4.9)
Hispanic	72.0 (±8.4)	70.5 (±13.0)	69.8 (±11.5)	82.1 (±9.7)
Other	65.1 (±16.4)	59.1 (±12.6)	64.2 (±21.2)	79.8 (±9.6)
Total	65.5 (±3.1)	65.2 (±4.5)	64.4 (±4.6)	68.6 (±4.1)

*Ever use of cigarettes was determined by asking, "Have you ever tried cigarette smoking, even one or two puffs?" Ever use of cigars was determined by asking, "Have you ever tried smoking cigars, cigarillos, or little cigars, even one or two puffs?" Ever use of smokeless tobacco was determined by asking, "Have you ever used chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, or Copenhagen? Ever use of bidis and kreteks was determined by asking, "Have you ever tried smoking any of the following: 1) bidis, 2) kreteks?"

† Ninety-five percent confidence interval.

TABLE HS-2. Percentage of high school students who report ever using* cigarettes by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	57.9 (±4.6)†	60.3 (±5.1)	54.8 (±7.1)	64.6 (±5.0)
Male	61.2 (±4.4)	57.1 (±6.0)	61.6 (±6.6)	62.7 (±5.1)
Grade				
Ninth	51.5 (±6.9)	53.1 (±5.6)	48.4 (±10.6)	58.9 (±7.3)
Tenth	65.2 (±6.0)	62.1 (±8.5)	66.7 (±8.3)	62.8 (±12.5)
Eleventh	59.7 (±9.2)	60.4 (±12.4)	56.3 (±13.4)	68.5 (±6.9)
Twelfth	64.7 (±7.0)	60.9 (±6.0)	64.8 (±10.9)	67.0 (±6.6)
Race/ethnicity				
White	57.8 (±5.2)	57.1 (±4.9)	56.6 (±8.3)	62.1 (±5.2)
Black	62.1 (±4.9)	72.6 (±11.5)	60.2 (±7.1)	64.4 (±5.4)
Hispanic	65.2 (±9.6)	70.3 (±14.4)	62.7 (±13.0)	73.2 (±17.4)
Other	65.0 (±16.5)	56.1 (±11.7)	64.4 (±21.4)	82.1 (±10.0)
Total	59.6 (±4.1)	58.8 (±4.6)	58.3 (±6.3)	63.6 (±3.9)

*Ever use of cigarettes was determined by asking, "Have you ever tried cigarette smoking, even one or two puffs?"

† Ninety-five percent confidence interval.

TABLE HS-3. Percentage of high school students who report ever using* smokeless tobacco by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	10.7 (±2.2)†	11.6 (±2.7)	10.7 (±3.3)	10.0 (±3.3)
Male	31.9 (±5.0)	42.6 (±4.9)	31.0 (±7.5)	27.5 (±5.8)
Grade				
Ninth	19.0 (±5.3)	26.0 (±6.1)	18.2 (±7.8)	17.0 (±7.5)
Tenth	23.0 (±4.8)	28.2 (±8.9)	23.9 (±6.8)	17.0 (±6.7)
Eleventh	20.3 (±4.7)	27.7 (±8.2)	18.4 (±6.6)	20.5 (±8.0)
Twelfth	24.2 (±4.3)	26.9 (±9.3)	24.6 (±6.4)	21.5 (±4.3)
Race/ethnicity				
White	28.0 (±3.6)	28.7 (±4.2)	29.2 (±5.5)	24.0 (±5.9)
Black	9.1 (±3.3)	14.6 (±7.5)	8.1 (±4.6)	10.4 (±3.2)
Hispanic	11.6 (±4.7)	28.3 (±12.3)	5.7 (±4.2)	26.8 (±14.8)
Other	17.5 (±7.8)	17.5 (±9.5)	16.3 (±10.1)	26.7 (±17.9)
Total	21.4 (±3.0)	27.2 (±3.7)	21.0 (±4.5)	18.6 (±4.0)

* Ever use of smokeless tobacco was determined by asking, "Have you ever used chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, or Copenhagen?"

† Ninety-five percent confidence interval.

TABLE HS-4. Percentage of high school students who report current use* of any tobacco product (cigarettes, cigars, smokeless tobacco, kreteks, or bidis) by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	27.9 (±3.9)†	30.1 (±5.5)	26.5 (±5.8)	30.5 (±5.8)
Male	39.2 (±4.0)	43.0 (±6.5)	38.8 (±5.9)	37.6 (±6.1)
Grade				
Ninth	29.4 (±3.9)	30.8 (±6.4)	29.3 (±5.7)	29.0 (±5.9)
Tenth	32.6 (±5.8)	39.5 (±6.6)	29.4 (±7.5)	36.7 (±13.3)
Eleventh	35.0 (±6.8)	37.8 (±12.5)	33.5 (±9.7)	37.2 (±9.6)
Twelfth	40.0 (±7.5)	41.1 (±6.6)	41.4 (±11.4)	35.2 (±7.4)
Race/ethnicity				
White	37.9 (±4.5)	37.2 (±5.8)	38.2 (±7.0)	37.5 (±5.3)
Black	25.5 (±5.1)	30.6 (±11.1)	23.6 (±7.0)	28.5 (±6.5)
Hispanic	22.6 (±7.5)	42.4 (±11.6)	15.5 (±7.6)	41.1 (±18.5)
Other	42.4 (±12.7)	37.6 (±12.4)	42.8 (±16.0)	45.4 (±17.7)
Total	33.7 (±3.6)	36.9 (±5.2)	32.8 (±5.4)	34.0 (±4.6)

*Current use of cigarettes or cigars or smokeless tobacco or pipes or bidis or kreteks on 1 of the 30 days preceding the survey.

† Ninety-five percent confidence interval.

TABLE HS-5. Percentage of high school students who report current use* of cigarettes by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	25.7 (±3.9)†	28.6 (±5.0)	24.2 (±5.7)	27.8 (±6.0)
Male	28.7 (±3.8)	28.8 (±5.3)	28.8 (±5.5)	28.3 (±5.8)
Grade				
Ninth	20.8 (±3.7)	22.2 (±5.4)	19.8 (±5.5)	22.5 (±5.2)
Tenth	27.1 (±5.2)	31.0 (±7.4)	24.5 (±6.7)	31.8 (±12.2)
Eleventh	28.7 (±6.6)	29.5 (±10.9)	28.2 (±9.8)	29.4 (±8.2)
Twelfth	35.4 (±8.1)	35.2 (±7.1)	37.3 (±12.3)	30.4 (±7.1)
Race/ethnicity				
White	30.8 (±4.3)	28.6 (±4.3)	31.2 (±6.9)	31.6 (±4.3)
Black	20.1 (±3.6)	26.0 (±11.6)	18.5 (±4.3)	22.5 (±6.5)
Hispanic	18.0 (±6.6)	37.0 (±13.3)	10.8 (±5.2)	36.5 (±19.3)
Other	35.1 (±13.6)	34.6 (±11.6)	35.2 (±17.4)	34.9 (±17.1)
Total	27.3 (±3.3)	28.6 (±4.2)	26.6 (±5.0)	28.0 (±4.2)

* Current use of cigarettes on 1 of the 30 days preceding the survey.

† Ninety-five percent confidence interval.

TABLE HS-6. Percentage of high school students who report current use* of smokeless tobacco by gender, grade, and race/ethnicity: State and Regional Comparisons- North Carolina Youth Tobacco Survey, 2003.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	1.8 (±0.7)†	1.5 (±1.2)	2.0 (±1.0)	1.4 (±1.1)
Male	17.3 (±4.2)	25.8 (±4.1)	18.2 (±6.6)	9.1 (±3.4)
Grade				
Ninth	9.2 (±3.9)	13.2 (±4.5)	10.2 (±6.2)	4.3 (±3.2)
Tenth	10.7 (±4.0)	16.4 (±5.7)	11.1 (±5.8)	5.6 (±4.9)
Eleventh	8.2 (±2.7)	12.1 (±4.5)	8.0 (±3.9)	6.2 (±3.7)
Twelfth	9.8 (±2.3)	14.1 (±5.9)	10.6 (±3.1)	5.0 (±2.4)
Race/ethnicity				
White	13.1 (±2.9)	14.8 (±3.2)	14.4 (±4.8)	7.4 (±2.8)
Black	3.0 (±2.2)	6.6 (±4.1)	3.3 (±3.5)	1.8 (±1.2)
Hispanic	3.9 (±3.2)	12.6 (±8.0)	1.4 (±2.8)	9.3 (±11.0)
Other	7.4 (±6.3)	10.0 (±7.5)	6.5 (±7.8)	11.2 (±8.5)
Total	9.5 (±2.3)	14.0 (±2.6)	10.1 (±3.6)	5.2 (±2.1)

* Current use of smokeless tobacco on 1 of the 30 days preceding the survey.

† Ninety-five percent confidence interval.