



Detailed Summary Tables— Regional and Statewide

North Carolina Youth Tobacco Survey 2007

Middle School and High School Tables

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

919-707-5400

www.tobaccopreventionandcontrol.ncdhhs.gov



State of North Carolina | Michael F. Easley, Governor

Department of Health and Human Services

Dempsey Benton, Secretary

www.ncdhhs.gov

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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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	25.6 (±3.4)†	27.9 (±3.7)	25.1 (±4.8)	25.6 (±5.5)
Male	30.3 (±4.3)	32.1 (±5.5)	28.6 (±6.3)	34.5 (±4.7)
Grade				
Sixth	18.5 (±3.4)	24.7 (±3.9)	17.2 (±4.8)	18.7 (±2.9)
Seventh	27.6 (±4.7)	29.0 (±4.6)	26.8 (±6.8)	29.2 (±6.6)
Eighth	37.6 (±4.4)	35.3 (±9.2)	36.6 (±5.7)	42.1 (±9.1)
Race/ethnicity				
White	23.9 (±3.4)	28.6 (±4.5)	21.7 (±4.8)	25.9 (±6.5)
Black	33.5 (±3.9)	44.1 (±12.3)	32.7 (±5.2)	33.7 (±5.6)
Hispanic	27.7 (±6.1)	26.0 (±8.1)	26.7 (±7.6)	33.1 (±11.3)
Other	39.8 (±11.1)	33.9 (±11.9)	39.1 (±14.5)	49.3 (±20.8)
Total	28.0 (±3.4)	30.1 (±4.1)	26.8 (±4.8)	30.2 (±4.8)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	20.0 (±4.2)†	23.4 (±3.7)	18.8 (±6.2)	21.6 (±5.8)
Male	22.1 (±4.7)	22.3 (±5.1)	20.0 (±6.7)	28.3 (±5.4)
Grade				
Sixth	11.4 (±4.1)	18.0 (±4.6)	9.3 (±5.7)	13.7 (±3.0)
Seventh	21.3 (±4.8)	20.8 (±4.2)	20.5 (±7.0)	23.8 (±6.8)
Eighth	30.4 (±4.8)	28.7 (±8.0)	28.5 (±6.3)	36.8 (±8.9)
Race/ethnicity				
White	16.9 (±3.8)	21.2 (±4.1)	14.4 (±5.5)	20.3 (±7.0)
Black	26.3 (±5.8)	40.7 (±11.2)	24.3 (±8.2)	28.9 (±6.2)
Hispanic	23.5 (±6.3)	19.6 (±7.8)	22.0 (±8.0)	30.9 (±10.3)
Other	32.7 (±10.1)	22.4 (±8.4)	32.7 (±12.7)	42.0 (±22.6)
Total	21.1 (±4.2)	22.8 (±3.9)	19.3 (±6.2)	25.0 (±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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	5.9 (±1.1)†	6.9 (±2.1)	5.2 (±1.5)	7.0 (±2.5)
Male	11.6 (±1.7)	15.8 (±3.5)	10.9 (±2.1)	11.2 (±3.7)
Grade				
Sixth	7.3 (±2.1)	9.6 (±3.0)	7.0 (±3.1)	6.8 (±2.0)
Seventh	8.5 (±2.3)	12.1 (±3.4)	7.0 (±3.0)	10.8 (±3.6)
Eighth	10.5 (±1.8)	12.6 (±4.7)	10.4 (±2.0)	9.6 (±4.4)
Race/ethnicity				
White	9.6 (±1.4)	12.2 (±2.5)	8.4 (±1.7)	10.6 (±4.1)
Black	7.5 (±1.9)	6.2 (±3.5)	7.4 (±2.6)	8.0 (±2.5)
Hispanic	5.1 (±2.7)	2.6 (±3.0)	5.5 (±3.6)	4.5 (±3.1)
Other	13.1 (±4.1)	18.6 (±8.9)	13.0 (±5.1)	8.6 (±9.6)
Total	8.8 (±0.9)	11.5 (±2.4)	8.1 (±0.9)	9.1 (±2.5)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	7.9 (±1.8)†	7.2 (±1.6)	7.6 (±2.6)	9.1 (±2.7)
Male	10.4 (±1.5)	12.3 (±2.9)	8.5 (±2.1)	14.7 (±2.7)
Grade				
Sixth	6.0 (±1.7)	7.0 (±2.4)	5.0 (±2.2)	8.3 (±2.5)
Seventh	9.1 (±2.2)	10.5 (±2.7)	8.4 (±3.1)	10.4 (±3.5)
Eighth	12.3 (±2.4)	11.3 (±3.8)	10.9 (±3.3)	16.9 (±4.3)
Race/ethnicity				
White	7.2 (±1.8)	9.3 (±1.8)	5.5 (±2.7)	10.4 (±3.5)
Black	11.7(±2.7)	9.4 (±7.9)	10.9 (±3.7)	14.1 (±3.8)
Hispanic	9.3 (±3.5)	4.0 (±3.8)	9.4 (±4.4)	11.8 (±8.3)
Other	14.2 (±5.3)	24.0 (±8.1)	13.2 (±7.0)	10.6 (±7.6)
Total	9.1 (±1.3)	9.8 (±1.6)	8.1 (±1.9)	11.9 (±2.0)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	4.8 (±1.4)†	5.0 (±1.5)	4.8 (±2.0)	4.9 (±2.1)
Male	4.2 (±1.1)	4.1 (±1.6)	3.2 (±1.5)	7.2 (±1.3)
Grade				
Sixth	2.1 (±1.1)	1.8 (±1.0)	1.5 (±1.4)	4.0 (±1.9)
Seventh	4.3 (±1.2)	6.2 (±2.0)	4.2 (±1.7)	3.5 (±1.8)
Eighth	7.0 (±2.1)	5.1 (±2.2)	6.2 (±2.8)	10.7 (±3.3)
Race/ethnicity				
White	3.9 (±1.3)	4.2 (±1.4)	3.1 (±1.9)	6.1 (±2.9)
Black	4.7 (±2.1)	3.4 (±2.1)	4.6 (±2.7)	5.1 (±3.6)
Hispanic	4.6 (±3.8)	4.0 (±3.8)	3.8 (±4.7)	8.2 (±6.5)
Other	8.8 (±4.4)	12.3 (±6.5)	8.1 (±5.8)	9.7 (±6.9)
Total	4.5 (±1.1)	4.5 (±1.1)	4.0 (±1.5)	6.0 (±1.4)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	1.3 (±0.6)†	1.0 (±0.8)	0.9 (±0.7)	2.6 (±1.3)
Male	3.3 (±0.9)	6.2 (±2.5)	2.5 (±1.0)	3.9 (±2.1)
Grade				
Sixth	1.5 (±0.7)	2.9 (±1.6)	0.9 (±0.7)	2.4 (±1.6)
Seventh	2.3 (±0.9)	3.4 (±2.3)	1.4 (±0.9)	4.3 (±2.1)
Eighth	3.1 (±1.1)	4.3 (±3.0)	2.8 (±1.4)	3.2 (±2.2)
Race/ethnicity				
White	2.7 (±0.8)	3.8 (±1.7)	2.0 (±1.0)	3.5 (±2.1)
Black	1.5 (±0.7)	2.2 (±2.9)	0.7 (±0.7)	3.1 (±1.7)
Hispanic	1.4 (±0.9)	0.0 (±0.0)	1.3 (±0.9)	2.9 (±3.3)
Other	4.0 (±1.7)	6.9 (±5.4)	3.8 (±1.9)	2.4 (±4.5)
Total	2.3 (±0.6)	3.6 (±1.6)	1.7 (±0.9)	3.3 (±1.3)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	52.4 (±5.0)†	54.1 (±7.4)	50.2 (±7.3)	58.1 (±5.3)
Male	56.1 (±4.6)	66.4 (±6.2)	52.4 (±6.7)	60.4 (±5.5)
Grade				
Ninth	45.6 (±5.7)	53.3 (±9.5)	41.5 (±7.9)	53.1 (±5.4)
Tenth	54.2 (±7.4)	60.3 (±6.5)	51.9 (±10.7)	57.3 (±6.8)
Eleventh	59.5 (±6.1)	60.5 (±11.3)	58.4 (±8.8)	62.2 (±8.6)
Twelfth	61.9 (±6.2)	70.1 (±9.4)	58.3 (±9.4)	67.0 (±5.4)
Race/ethnicity				
White	56.7 (±5.3)	60.1 (±6.2)	55.0 (±8.2)	58.5 (±4.9)
Black	50.9 (±6.8)	65.7 (±16.2)	46.0 (±8.5)	60.8 (±5.2)
Hispanic	54.0 (±6.9)	55.9 (±11.6)	51.8 (±8.7)	63.3 (±10.4)
Other	47.6 (±16.8)	55.8 (±17.2)	45.3 (±22.2)	53.3 (±9.8)
Total	54.3 (±3.9)	60.2 (±6.1)	51.3 (±5.7)	59.4 (±3.5)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	49.1 (±5.2)†	47.8 (±8.5)	47.5 (±7.6)	54.7 (±5.3)
Male	48.5 (±4.6)	54.1 (±6.2)	45.4 (±6.6)	54.4 (±6.4)
Grade				
Ninth	40.6 (±5.8)	43.2 (±9.9)	37.5 (±8.3)	48.3 (±4.8)
Tenth	49.0 (±7.2)	51.7 (±6.9)	47.4 (±10.5)	52.2 (±6.5)
Eleventh	52.7 (±5.9)	52.2 (±10.1)	51.3 (±8.6)	57.2 (±8.5)
Twelfth	56.8(±6.6)	60.2 (±11.5)	53.8 (±9.8)	63.4 (±6.7)
Race/ethnicity				
White	50.4 (±5.1)	50.6 (±7.0)	49.5 (±7.9)	52.8 (±4.6)
Black	46.1 (±6.0)	55.0 (±15.6)	41.0 (±7.4)	57.1 (±3.9)
Hispanic	51.8 (±7.9)	52.5 (±14.2)	49.8 (±10.0)	60.7 (±12.0)
Other	43.8 (±15.9)	50.6 (±17.0)	41.5 (±20.9)	51.3 (±9.1)
Total	48.9 (±3.9)	51.1 (±6.6)	46.5 (±5.7)	54.7 (±3.3)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	9.4 (±1.9)†	15.6 (±4.3)	7.5 (±2.5)	11.5 (±3.4)
Male	26.3 (±4.6)	43.8 (±6.8)	22.5 (±7.0)	26.1 (±4.2)
Grade				
Ninth	13.8 (±4.3)	26.6 (±6.3)	10.6 (±6.4)	15.2 (±4.4)
Tenth	19.6 (±5.7)	30.1 (±5.4)	17.6 (±8.3)	18.8 (±4.1)
Eleventh	19.5 (±5.3)	28.4 (±8.6)	17.5 (±7.9)	19.6 (±5.5)
Twelfth	20.1 (±3.9)	35.3 (±8.7)	16.0 (±5.0)	22.4 (±7.9)
Race/ethnicity				
White	24.7 (±4.4)	31.5 (±4.9)	22.3 (±6.8)	25.1 (±3.8)
Black	8.1 (±2.0)	19.9 (±9.4)	6.2 (±2.3)	10.9 (±2.6)
Hispanic	8.3 (±3.5)	23.1 (±13.3)	5.7 (±4.3)	11.5 (±4.1)
Other	8.1 (±5.5)	21.1 (±13.4)	4.9 (±6.1)	14.7 (±9.9)
Total	17.9 (±2.9)	29.7 (±4.2)	15.0 (±4.3)	18.8 (±2.4)

* 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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	20.5 (±3.8)†	22.4 (±6.1)	18.0 (±5.5)	26.6 (±4.3)
Male	32.4 (±4.5)	43.6 (±6.0)	29.8 (±6.6)	33.0 (±5.5)
Grade				
Ninth	22.3 (±5.3)	24.9 (±7.5)	20.8 (±7.7)	25.3 (±5.2)
Tenth	26.1 (±5.2)	32.5 (±5.8)	24.4 (±7.3)	27.0 (±5.2)
Eleventh	27.8 (±5.7)	34.3 (±8.9)	24.8 (±8.4)	32.6 (±6.9)
Twelfth	32.2 (±7.6)	44.6 (±8.1)	28.0 (±11.5)	36.5 (±8.3)
Race/ethnicity				
White	31.4 (±4.7)	33.6 (±5.9)	29.5 (±7.4)	34.8 (±4.3)
Black	17.3 (±4.1)	28.6 (±9.2)	13.7 (±4.8)	24.5 (±4.2)
Hispanic	25.6 (±7.2)	30.7 (±10.8)	25.9 (±9.5)	21.5 (±6.0)
Other	27.1 (±13.5)	34.6 (±16.9)	25.8 (±17.6)	28.0 (±8.6)
Total	26.6 (±3.5)	32.2 (±5.3)	24.0 (±5.3)	30.0 (±3.3)

*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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	16.8 (±3.7)†	18.9 (±5.5)	14.4 (±5.3)	22.6 (±4.7)
Male	20.9 (±3.4)	26.1 (±5.2)	19.2 (±4.9)	22.5 (±4.6)
Grade				
Ninth	16.5 (±5.3)	16.1 (±5.7)	15.7 (±7.9)	19.5 (±4.0)
Tenth	17.3 (±4.3)	22.4 (±5.4)	15.7 (±6.1)	18.5 (±3.5)
Eleventh	18.6 (±3.9)	24.3 (±7.3)	15.5 (±5.5)	24.1 (±4.9)
Twelfth	25.1 (±7.1)	30.6 (±7.5)	22.0 (±10.8)	30.3 (±8.2)
Race/ethnicity				
White	23.2 (±3.8)	23.3 (±5.1)	21.8 (±5.9)	27.7 (±3.5)
Black	11.0 (±3.0)	17.2 (±6.1)	8.2 (±3.9)	16.7 (±3.4)
Hispanic	18.7 (±7.5)	19.1 (±9.4)	19.2 (±9.9)	16.3 (±7.8)
Other	16.2 (±12.5)	23.3 (±16.3)	14.9 (±16.3)	16.8 (±8.6)
Total	19.0 (±3.0)	22.6 (±4.7)	16.9 (±4.5)	22.7 (±2.9)

* 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, 2007.

	State	Western (Mountain)	Piedmont (Central)	Eastern (Coastal)
Gender				
Female	2.4 (±0.7)†	4.7 (±2.1)	1.7 (±0.9)	3.3 (±1.4)
Male	14.5 (±3.3)	25.6 (±6.6)	12.4 (±4.9)	13.7 (±3.3)
Grade				
Ninth	6.9 (±2.6)	10.1 (±5.9)	6.3 (±3.8)	6.7 (±3.8)
Tenth	9.0 (±3.4)	17.4 (±4.3)	7.3 (±4.7)	8.9 (±3.0)
Eleventh	9.6 (±4.6)	15.9 (±8.1)	8.4 (±6.7)	8.9 (±4.2)
Twelfth	9.2 (±3.7)	19.8 (±6.5)	6.8 (±5.3)	9.5 (±5.3)
Race/ethnicity				
White	12.0 (±3.3)	15.8 (±4.0)	11.0 (±5.2)	11.5 (±2.7)
Black	3.3 (±1.0)	9.8 (±7.6)	2.1 (±1.0)	5.4 (±2.1)
Hispanic	3.1 (±2.2)	16.0 (±12.1)	1.3 (±2.4)	3.4 (±3.6)
Other	6.5 (±4.60)	16.3 (±11.9)	5.1 (±5.5)	5.5 (±6.6)
Total	8.6 (±2.0)	15.3 (±3.5)	7.1 (±3.1)	8.6 (±1.4)

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

† Ninety-five percent confidence interval.