

New York State Youth Tobacco Survey: 2008

Northern Central Area

**New York State Department of Health
April 2010**

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Introduction

The Centers for Disease Control and Prevention developed the Youth Tobacco Survey (YTS) in collaboration with U.S. states to provide surveillance of trends in youth tobacco use, access, and perceptions and to evaluate the cumulative effectiveness of tobacco use reduction programs. Starting in 2000, the New York State Department of Health (NYSDOH) has conducted the YTS biennially to produce separate estimates for New York City, the rest of the state, and the state as a whole.

The periodic administration of the New York YTS (NY YTS) provides NYSDOH with data needed to monitor trends related to the specific objectives of the New York Tobacco Control Program (NY TCP) and to evaluate the aggregate effects of various interventions. The 2008 NY YTS represents the fifth statewide YTS conducted by the state of New York.

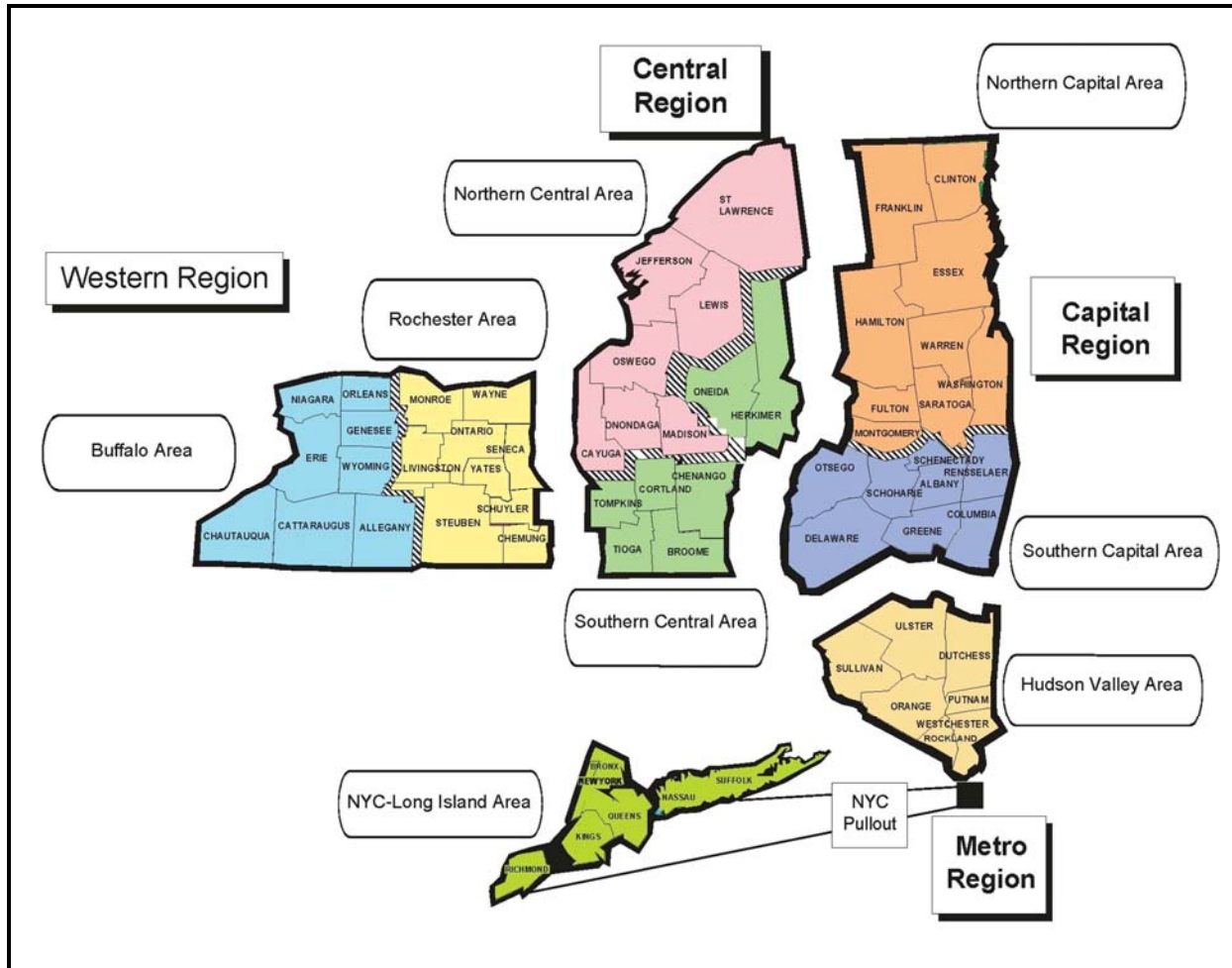
The focus of the 2008 NY YTS is on producing finer area estimates than previous NY YTS cycles. The design maintains the capacity to generate estimates for New York City, the rest of the state, and the state as a whole. However, the 2008 NY YTS also allows for estimates of the nine distinct areas that include NY TCP's eight administrative areas plus New York City (Figure 1).

The universe for the NY YTS consists of students in grades 6 through 12 attending public, parochial, and private schools in New York. Across all areas, 373 schools responded out of the 407 invited to participate, a 91.6% participation rate. Four classes in each middle school and eight classes from each high school were randomly selected to take part in the survey. Within the selected classes, 43,332 students responded out of the 48,600 students invited to participate, a student participation rate of 89.2%. The overall response rate was 81.7% ($91.6\% \times 89.2\%$).

Indicators assessed by NY YTS include tobacco use, secondhand smoke exposure, social network influences, prevalence of cigarette smoking on school property, and exposure to pro-tobacco messages. These indicators are based on answers to one or more questions within the survey weighted to more accurately reflect the youth population under study. Weighting procedures adjust for gender, race, and age.

Contractors in the NY TCP areas can use NY YTS data to compare their regions to other NY TCP areas across tobacco-related indicators. The easiest way to compare an area with the rest of New York State is to compare the confidence intervals of the tobacco-related indicators. Confidence intervals are based on tests of significance that determine the likelihood that the differences between health indicators are not the result of chance. If any value is included in both intervals, the differences are not statistically significant. This is commonly referred to as "overlapping confidence intervals."

Figure 1. New York Tobacco Control Program Area Structure



**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 1. Current Cigarette Use among Middle and High School Students, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,823	40,369	5.6% [3.6, 7.6]	3.5% [2.9, 4.0]	2,187	52,852	16.5% [13.8, 19.2]	14.7% [12.9, 16.4]
Race								
White ^a	1,369	32,466	5.5% [3.1, 7.9]	2.9% [2.3, 3.4]	1,748	45,456	16.2% [13.4, 19.0]	17.7% [16.2, 19.2]
Black ^a	106	3,279	7.9% [0.5, 15.3]	3.9% [2.6, 5.2]	147	3,849	19.2% [4.1, 34.2]	6.8% [4.8, 8.9]
Hispanic	139	1,026	8.2% [3.0, 13.4]	4.6% [3.3, 5.8]	129	996	33.4% [20.7, 46.2]	13.2% [9.7, 16.6]
Other ^a	101	922	5.4% [1.5, 9.2]	4.3% [2.1, 6.4]	107	1,191	17.6% [8.7, 26.4]	14.6% [12.4, 16.8]
Gender								
Female	956	22,051	5.4% [3.0, 7.9]	3.5% [2.9, 4.1]	1,126	27,127	17.4% [14.1, 20.8]	14.4% [12.3, 16.4]
Male	867	18,318	5.8% [3.7, 7.9]	3.3% [2.6, 4.0]	1,060	25,704	15.6% [12.4, 18.8]	14.9% [12.9, 17.0]
Age								
9–14	1,763	39,404	5.0% [2.9, 7.1]	3.0% [2.6, 3.5]	297	6,899	8.1% [3.8, 12.4]	8.9% [6.9, 10.8]
15–17	58	903	30.5% [11.1, 49.9]	25.7% [18.9, 32.4]	1,588	39,170	16.1% [13.0, 19.2]	14.3% [12.5, 16.2]
18+	--	--	--	--	299	6,719	27.9% [24.1, 31.8]	23.6% [20.6, 26.6]
Grade								
6th	461	12,226	0.9% [-0.1, 1.8]	1.7% [1.1, 2.3]	--	--	--	--
7th	702	13,740	4.9% [3.0, 6.9]	2.5% [1.9, 3.2]	--	--	--	--
8th	660	14,404	10.3% [5.8, 14.8]	6.1% [5.1, 7.1]	--	--	--	--
9th	--	--	--	--	621	14,106	12.7% [8.3, 17.0]	10.8% [8.9, 12.6]
10th	--	--	--	--	614	13,890	13.7% [10.7, 16.8]	12.6% [10.7, 14.5]
11th	--	--	--	--	430	11,806	16.9% [12.0, 21.9]	14.9% [12.5, 17.4]
12th	--	--	--	--	522	13,050	23.3% [18.9, 27.8]	21.3% [18.7, 23.8]

Note: Current smoking is defined as having smoked on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 2. Average Age First Smoked a Cigarette among Middle and High School Students Who Have Smoked a Whole Cigarette, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	204	4,503	11.1 [10.8, 11.4]	10.9 [10.7, 11.0]	730	16,809	13.1 [12.9, 13.3]	13.2 [13.0, 13.3]
Race								
White ^a	135	3,426	11.1 [10.8, 11.4]	11.1 [10.9, 11.2]	557	14,014	13.2 [13.0, 13.5]	13.4 [13.3, 13.6]
Black ^a	**	**	**	10.7 [10.3, 11.1]	56	1,463	12.7 [12.1, 13.2]	12.4 [12.2, 12.7]
Hispanic	**	**	**	10.8 [10.5, 11.2]	58	504	11.9 [10.9, 13.0]	12.8 [12.5, 13.1]
Other ^a	**	**	**	10.5 [9.9, 11.0]	**	**	**	13.2 [12.6, 13.8]
Gender								
Female	104	2,289	11.2 [10.9, 11.6]	11.1 [10.8, 11.3]	386	8,674	13.2 [13.1, 13.4]	13.3 [13.1, 13.5]
Male	100	2,214	11.0 [10.5, 11.4]	10.7 [10.5, 10.9]	344	8,135	13.0 [12.7, 13.3]	13.1 [12.8, 13.3]
Age								
9–14	175	3,995	11.0 [10.7, 11.3]	10.8 [10.6, 10.9]	59	1,110	11.5 [10.8, 12.2]	11.5 [11.2, 11.8]
15–17	**	**	**	11.7 [11.2, 12.3]	527	12,419	13.0 [12.7, 13.3]	13.2 [13.1, 13.3]
18+	--	--	--	--	144	3,280	14.1 [13.5, 14.7]	13.9 [13.5, 14.2]
Grade								
6th	**	**	**	9.4 [9.2, 9.7]	--	--	--	--
7th	69	1,369	11.0 [10.6, 11.5]	10.7 [10.4, 10.9]	--	--	--	--
8th	120	2,796	11.4 [11.0, 11.7]	11.4 [11.1, 11.6]	--	--	--	--
9th	--	--	--	--	155	3,161	12.2 [11.9, 12.4]	12.0 [11.8, 12.3]
10th	--	--	--	--	187	3,999	12.5 [12.1, 12.9]	12.9 [12.6, 13.1]
11th	--	--	--	--	158	4,070	13.3 [12.7, 13.8]	13.5 [13.3, 13.6]
12th	--	--	--	--	230	5,579	14.0 [13.7, 14.3]	13.8 [13.6, 14.0]

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

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Table 3. Current Use of Other Tobacco Products among Middle and High School Students, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,838	40,775	5.0% [2.8, 7.1]	4.1% [3.5, 4.7]	2,232	53,654	15.7% [13.0, 18.5]	12.8% [11.5, 14.2]
Race								
White ^a	1,378	32,792	4.3% [2.3, 6.3]	2.9% [2.3, 3.4]	1,783	46,265	15.2% [12.1, 18.3]	14.5% [13.1, 15.8]
Black ^a	107	3,379	8.9% [2.4, 15.3]	4.9% [3.6, 6.3]	145	3,782	14.0% [6.7, 21.3]	7.9% [6.2, 9.7]
Hispanic	142	1,026	10.5% [4.6, 16.3]	6.5% [5.0, 8.0]	138	1,065	33.6% [18.4, 48.8]	11.1% [8.7, 13.6]
Other ^a	103	929	11.7% [5.2, 18.2]	6.1% [3.4, 8.7]	112	1,239	22.2% [13.2, 31.3]	13.8% [10.2, 17.5]
Gender								
Female	963	22,258	2.7% [0.7, 4.6]	2.9% [2.3, 3.5]	1,149	27,606	8.4% [6.7, 10.1]	7.2% [6.3, 8.2]
Male	875	18,517	7.8% [5.1, 10.5]	5.3% [4.5, 6.1]	1,082	26,027	23.5% [19.1, 28.0]	18.2% [16.1, 20.3]
Age								
9–14	1,777	39,796	4.4% [2.6, 6.2]	3.8% [3.3, 4.4]	301	7,053	7.6% [2.7, 12.5]	9.7% [7.8, 11.7]
15–17	59	917	31.1% [9.1, 53.0]	19.4% [12.5, 26.2]	1,625	39,768	15.2% [12.2, 18.1]	12.4% [11.0, 13.8]
18+	--	--	--	--	303	6,769	27.8% [24.2, 31.3]	18.8% [16.2, 21.4]
Grade								
6th	460	12,184	1.6% [0.4, 2.8]	2.3% [1.6, 3.0]	--	--	--	--
7th	707	13,760	4.4% [2.8, 6.1]	3.7% [2.9, 4.4]	--	--	--	--
8th	671	14,832	8.3% [3.4, 13.2]	6.2% [5.0, 7.4]	--	--	--	--
9th	--	--	--	--	636	14,377	9.7% [5.2, 14.2]	11.0% [9.5, 12.6]
10th	--	--	--	--	627	14,134	12.1% [8.3, 16.0]	10.9% [9.4, 12.4]
11th	--	--	--	--	440	11,959	18.9% [13.9, 23.9]	12.8% [10.9, 14.6]
12th	--	--	--	--	529	13,184	23.3% [18.9, 27.7]	17.3% [15.3, 19.3]

Note: Current other tobacco product use is defined as having used cigars, smokeless tobacco, pipes, bidis, or kreteks on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
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Table 4. Current Use of Cigars among Middle and High School Students, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,856	41,220	3.0% [1.5, 4.4]	2.7% [2.3, 3.1]	2,231	53,577	11.6% [9.7, 13.4]	9.1% [8.1, 10.1]
Race								
White ^a	1,395	33,222	2.4% [1.0, 3.7]	1.7% [1.4, 2.1]	1,780	46,094	11.3% [9.0, 13.5]	10.5% [9.3, 11.7]
Black ^a	104	3,325	5.2% [0.2, 10.3]	3.4% [2.2, 4.5]	146	3,824	9.3% [4.4, 14.2]	5.5% [4.1, 7.0]
Hispanic	141	1,013	8.4% [1.8, 15.0]	4.3% [3.2, 5.3]	138	1,065	24.9% [12.1, 37.8]	7.8% [6.1, 9.5]
Other ^a	107	977	8.3% [3.4, 13.3]	4.3% [2.2, 6.4]	111	1,236	15.7% [8.2, 23.1]	8.5% [5.6, 11.5]
Gender								
Female	970	22,464	1.2% [0.0, 2.3]	1.6% [1.2, 2.0]	1,151	27,577	6.1% [4.9, 7.4]	4.8% [4.2, 5.4]
Male	886	18,756	5.1% [2.6, 7.6]	3.6% [2.9, 4.3]	1,079	25,979	17.3% [14.1, 20.5]	13.2% [11.6, 14.8]
Age								
9–14	1,795	40,232	2.4% [1.2, 3.5]	2.5% [2.1, 2.9]	304	7,057	4.6% [1.4, 7.8]	6.8% [5.4, 8.1]
15–17	59	925	27.5% [5.9, 49.1]	13.1% [6.9, 19.4]	1,622	39,702	10.9% [8.9, 12.9]	8.5% [7.4, 9.7]
18+	--	--	--	--	302	6,754	22.8% [19.0, 26.6]	15.1% [12.5, 17.7]
Grade								
6th	463	12,301	0.5% [-0.2, 1.1]	1.4% [0.9, 2.0]	--	--	--	--
7th	712	13,842	2.6% [1.0, 4.2]	2.3% [1.7, 2.9]	--	--	--	--
8th	681	15,077	5.3% [2.0, 8.6]	4.2% [3.4, 5.0]	--	--	--	--
9th	--	--	--	--	640	14,388	5.9% [3.9, 8.0]	7.7% [6.6, 8.8]
10th	--	--	--	--	627	14,173	8.8% [5.9, 11.6]	7.4% [5.9, 8.9]
11th	--	--	--	--	439	11,964	13.2% [9.8, 16.6]	8.5% [7.2, 9.9]
12th	--	--	--	--	525	13,051	19.3% [14.5, 24.0]	13.4% [11.6, 15.3]

Note: Current cigar use is defined as having smoked a cigar on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

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Table 5. Current Use of Smokeless Tobacco among Middle and High School Students, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,847	41,010	2.4% [1.3, 3.5]	1.8% [1.5, 2.1]	2,229	53,523	7.3% [4.1, 10.5]	4.7% [4.0, 5.4]
Race								
White ^a	1,387	32,998	2.0% [0.8, 3.1]	1.4% [1.1, 1.7]	1,779	46,055	7.2% [3.9, 10.4]	5.3% [4.5, 6.1]
Black ^a	108	3,392	4.5% [-0.5, 9.5]	2.1% [1.2, 3.1]	145	3,835	5.1% [-0.8, 11.0]	3.2% [2.3, 4.1]
Hispanic	140	1,010	5.4% [0.9, 10.0]	2.7% [1.7, 3.6]	138	1,062	17.2% [4.3, 30.1]	4.3% [2.9, 5.7]
Other ^a	103	934	9.1% [2.8, 15.3]	3.0% [1.0, 4.9]	112	1,239	12.3% [3.5, 21.1]	4.4% [2.5, 6.3]
Gender								
Female	966	22,350	0.8% [0.3, 1.3]	1.1% [0.7, 1.4]	1,152	27,622	2.4% [1.1, 3.7]	1.8% [1.2, 2.3]
Male	881	18,660	4.2% [2.3, 6.1]	2.6% [2.1, 3.0]	1,076	25,880	12.6% [7.0, 18.1]	7.5% [6.3, 8.8]
Age								
9–14	1,785	40,010	1.9% [0.9, 2.9]	1.7% [1.4, 2.0]	304	7,110	5.3% [1.3, 9.3]	3.8% [2.8, 4.9]
15–17	60	938	21.5% [3.3, 39.8]	8.5% [3.4, 13.5]	1,617	39,559	6.9% [3.7, 10.0]	4.6% [3.8, 5.3]
18+	--	--	--	--	305	6,790	12.2% [8.4, 16.1]	6.1% [4.7, 7.6]
Grade								
6th	464	12,309	1.1% [0.1, 2.1]	1.4% [0.9, 2.0]	--	--	--	--
7th	713	13,879	2.5% [1.0, 4.0]	1.4% [1.0, 1.7]	--	--	--	--
8th	670	14,823	3.3% [1.1, 5.6]	2.6% [2.1, 3.2]	--	--	--	--
9th	--	--	--	--	639	14,457	6.0% [2.2, 9.7]	4.5% [3.6, 5.4]
10th	--	--	--	--	622	13,953	5.2% [2.2, 8.3]	4.1% [3.2, 4.9]
11th	--	--	--	--	439	11,956	8.5% [3.6, 13.4]	4.8% [3.7, 5.8]
12th	--	--	--	--	529	13,158	10.0% [5.1, 14.9]	5.7% [4.7, 6.7]

Note: Current smokeless tobacco use is defined as having used smokeless tobacco on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

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Table 6. Current Use of Pipes among Middle and High School Students, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,855	41,219	2.0% [0.9, 3.1]	1.5% [1.2, 1.8]	2,238	53,819	3.9% [2.8, 4.9]	3.8% [3.3, 4.4]
Race								
White ^a	1,393	33,188	1.9% [0.9, 2.9]	1.0% [0.7, 1.2]	1,786	46,264	3.4% [2.3, 4.5]	3.4% [2.7, 4.0]
Black ^a	105	3,372	1.9% [-0.6, 4.4]	1.6% [1.0, 2.3]	149	3,902	3.1% [-1.0, 7.2]	3.3% [2.4, 4.2]
Hispanic	142	1,019	7.1% [0.1, 14.1]	2.7% [1.9, 3.5]	135	1,045	14.2% [3.2, 25.2]	4.6% [2.8, 6.4]
Other ^a	106	963	6.9% [2.4, 11.5]	3.0% [1.1, 4.8]	112	1,256	10.1% [2.4, 17.9]	6.5% [4.3, 8.6]
Gender								
Female	968	22,358	0.7% [0.2, 1.2]	1.1% [0.7, 1.4]	1,153	27,653	1.9% [1.2, 2.6]	2.3% [1.8, 2.7]
Male	887	18,861	3.6% [1.3, 5.8]	1.9% [1.5, 2.3]	1,084	26,145	6.0% [4.1, 7.8]	5.3% [4.5, 6.2]
Age								
9–14	1,794	40,236	1.6% [1.0, 2.3]	1.4% [1.1, 1.7]	303	7,082	2.9% [0.1, 5.6]	3.6% [2.5, 4.7]
15–17	59	920	17.9% [-0.1, 35.8]	8.2% [3.0, 13.4]	1,628	39,845	3.8% [2.5, 5.1]	3.5% [3.1, 4.0]
18+	--	--	--	--	304	6,828	5.2% [2.2, 8.3]	5.9% [4.0, 7.7]
Grade								
6th	462	12,277	0.5% [-0.1, 1.1]	1.1% [0.6, 1.5]	--	--	--	--
7th	716	13,923	2.0% [0.7, 3.2]	1.2% [0.8, 1.6]	--	--	--	--
8th	677	15,019	3.3% [0.4, 6.2]	2.3% [1.7, 2.9]	--	--	--	--
9th	--	--	--	--	642	14,479	3.0% [1.2, 4.8]	3.5% [2.8, 4.2]
10th	--	--	--	--	627	14,169	4.3% [2.5, 6.1]	3.6% [2.8, 4.4]
11th	--	--	--	--	444	12,081	3.0% [1.6, 4.4]	3.7% [2.8, 4.6]
12th	--	--	--	--	525	13,090	5.2% [2.8, 7.5]	4.6% [3.5, 5.7]

Note: Current pipe use is defined as having smoked a pipe on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

**Table 7. Current Use of Hookah among Middle and High School Students, 2008
YTS**

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,849	41,020	2.1% [1.2, 3.0]	1.5% [1.1, 1.8]	2,227	53,501	4.2% [2.5, 5.8]	6.5% [5.3, 7.7]
Race								
White ^a	1,385	32,910	1.8% [1.1, 2.5]	0.8% [0.6, 1.1]	1,779	46,051	3.8% [2.4, 5.1]	6.9% [5.5, 8.3]
Black ^a	107	3,445	4.3% [-2.0, 10.6]	1.6% [0.7, 2.6]	149	3,902	4.4% [-0.9, 9.7]	3.9% [2.6, 5.2]
Hispanic	142	1,019	5.5% [-0.2, 11.2]	2.7% [1.8, 3.7]	137	1,054	13.8% [2.2, 25.5]	6.2% [3.9, 8.6]
Other ^a	106	970	6.0% [0.8, 11.2]	3.3% [1.4, 5.2]	108	1,189	6.9% [0.2, 13.7]	9.6% [6.2, 13.0]
Gender								
Female	968	22,375	1.3% [0.6, 2.1]	1.1% [0.7, 1.4]	1,148	27,520	2.0% [1.1, 2.9]	4.7% [3.6, 5.8]
Male	881	18,645	2.9% [1.3, 4.6]	1.8% [1.3, 2.2]	1,078	25,960	6.4% [3.6, 9.2]	8.2% [6.7, 9.6]
Age								
9–14	1,786	40,020	1.7% [0.9, 2.5]	1.4% [1.1, 1.7]	305	7,101	2.5% [0.3, 4.8]	4.7% [3.4, 6.1]
15–17	61	938	17.1% [-0.5, 34.6]	6.6% [3.1, 10.1]	1,617	39,614	4.0% [1.9, 6.1]	6.2% [4.9, 7.5]
18+	--	--	--	--	302	6,722	6.9% [5.0, 8.7]	10.2% [8.1, 12.3]
Grade								
6th	462	12,268	0.5% [-0.1, 1.1]	1.1% [0.6, 1.6]	--	--	--	--
7th	710	13,785	1.0% [0.4, 1.6]	1.1% [0.7, 1.5]	--	--	--	--
8th	677	14,968	4.4% [1.9, 6.9]	2.2% [1.6, 2.8]	--	--	--	--
9th	--	--	--	--	638	14,373	2.4% [1.5, 3.2]	4.9% [3.8, 6.0]
10th	--	--	--	--	626	14,142	3.1% [0.6, 5.5]	5.9% [4.5, 7.3]
11th	--	--	--	--	436	11,889	4.9% [3.0, 6.8]	5.6% [4.4, 6.9]
12th	--	--	--	--	527	13,097	6.6% [3.2, 10.0]	9.9% [7.9, 11.9]

Note: Hookah is a type of pipe which passes smoke through a container of water that cools the smoke before it is inhaled. Current hookah use is defined as having used a hookah on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 8. Current Use of Bidis among Middle and High School Students, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,840	40,884	1.6% [0.5, 2.7]	1.5% [1.2, 1.8]	2,225	53,446	2.3% [1.5, 3.2]	2.6% [2.2, 3.1]
Race								
White ^a	1,382	32,865	1.5% [0.4, 2.6]	0.8% [0.6, 1.0]	1,776	46,029	1.8% [0.9, 2.8]	1.9% [1.5, 2.3]
Black ^a	105	3,375	2.2% [-1.5, 5.9]	2.0% [1.2, 2.9]	149	3,862	2.6% [-0.9, 6.0]	2.8% [2.0, 3.6]
Hispanic	139	1,003	2.9% [-2.0, 7.8]	3.0% [2.0, 3.9]	137	1,061	13.3% [5.4, 21.1]	3.8% [2.6, 4.9]
Other ^a	105	965	4.1% [-0.3, 8.5]	2.8% [0.9, 4.6]	110	1,199	4.9% [-0.6, 10.5]	5.6% [3.5, 7.6]
Gender								
Female	965	22,354	1.1% [0.1, 2.2]	1.1% [0.7, 1.5]	1,149	27,553	1.6% [0.5, 2.7]	1.5% [1.2, 1.9]
Male	875	18,529	2.1% [0.6, 3.6]	1.8% [1.4, 2.2]	1,075	25,872	3.1% [1.8, 4.4]	3.7% [3.1, 4.3]
Age								
9–14	1,777	39,883	1.2% [0.3, 2.1]	1.3% [1.1, 1.6]	304	7,088	2.9% [-0.4, 6.2]	2.8% [1.8, 3.8]
15–17	61	938	18.3% [1.3, 35.3]	10.3% [4.7, 16.0]	1,614	39,518	1.9% [0.9, 2.8]	2.5% [2.1, 2.9]
18+	--	--	--	--	304	6,776	4.5% [1.4, 7.5]	3.5% [2.3, 4.7]
Grade								
6th	461	12,235	0.2% [-0.1, 0.6]	1.1% [0.6, 1.6]	--	--	--	--
7th	707	13,683	0.8% [-0.1, 1.7]	1.4% [0.9, 1.9]	--	--	--	--
8th	672	14,966	3.4% [0.9, 5.8]	2.0% [1.5, 2.6]	--	--	--	--
9th	--	--	--	--	639	14,377	2.6% [1.0, 4.2]	2.8% [2.0, 3.7]
10th	--	--	--	--	623	14,076	1.6% [0.0, 3.2]	2.9% [2.2, 3.6]
11th	--	--	--	--	437	11,894	1.1% [0.0, 2.3]	1.8% [1.2, 2.3]
12th	--	--	--	--	526	13,099	3.9% [1.3, 6.5]	3.1% [2.3, 4.0]

Note: Bidis are small brown flavored cigarettes from India made of tobacco and wrapped in a leaf tied with a thread. Current bidi use is defined as having used bidis on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 9. Current Use of Kretek among Middle and High School Students, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,846	40,990	1.1% [0.5, 1.8]	1.2% [0.9, 1.5]	2,227	53,499	2.6% [1.4, 3.7]	3.1% [2.6, 3.5]
Race								
White ^a	1,388	33,030	1.0% [0.4, 1.7]	0.6% [0.5, 0.8]	1,783	46,109	2.3% [1.2, 3.3]	2.8% [2.3, 3.2]
Black ^a	107	3,362	1.9% [0.0, 3.7]	1.3% [0.5, 2.1]	148	3,839	0.6% [-0.6, 1.8]	2.3% [1.5, 3.2]
Hispanic	141	1,013	4.2% [-1.0, 9.4]	2.6% [1.6, 3.5]	133	1,032	14.3% [5.0, 23.5]	4.3% [2.9, 5.6]
Other ^a	102	942	1.8% [-0.5, 4.2]	2.3% [0.6, 4.1]	109	1,187	5.3% [-0.6, 11.2]	3.9% [1.9, 5.9]
Gender								
Female	968	22,423	0.9% [0.0, 1.8]	0.9% [0.6, 1.2]	1,148	27,491	1.4% [0.5, 2.2]	2.0% [1.5, 2.5]
Male	878	18,567	1.4% [0.1, 2.8]	1.5% [1.0, 1.9]	1,078	25,987	3.8% [1.5, 6.2]	4.1% [3.4, 4.7]
Age								
9–14	1,785	40,009	0.8% [0.3, 1.3]	1.1% [0.8, 1.4]	302	7,064	2.4% [0.1, 4.7]	3.2% [1.8, 4.6]
15–17	59	918	16.6% [-0.7, 33.9]	8.0% [2.6, 13.4]	1,620	39,686	2.4% [1.2, 3.6]	2.7% [2.3, 3.1]
18+	--	--	--	--	302	6,684	3.7% [1.9, 5.5]	4.7% [3.8, 5.7]
Grade								
6th	463	12,301	0.2% [-0.1, 0.6]	1.0% [0.4, 1.5]	--	--	--	--
7th	710	13,766	0.5% [0.0, 1.0]	0.9% [0.5, 1.3]	--	--	--	--
8th	673	14,923	2.5% [0.8, 4.3]	1.7% [1.2, 2.2]	--	--	--	--
9th	--	--	--	--	638	14,393	2.0% [0.7, 3.4]	2.9% [2.2, 3.5]
10th	--	--	--	--	627	14,193	2.7% [1.2, 4.3]	2.8% [2.1, 3.6]
11th	--	--	--	--	440	12,009	1.7% [0.4, 2.9]	2.3% [1.6, 3.0]
12th	--	--	--	--	522	12,903	3.8% [1.0, 6.5]	4.5% [3.6, 5.3]

Note: Kreteks are cigarettes containing tobacco and clove extract. Current kretek use is defined as having used kretek on 1 or more of the past 30 days.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 10. Percentage of Middle and High School Students Who Usually Got Cigarettes from a Social Source among Those Who Smoked Cigarettes in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	145	3,241	67.4% [58.7, 76.1]	66.4% [62.4, 70.4]	444	10,363	66.6% [61.1, 72.2]	60.1% [57.0, 63.1]
Race								
White ^a	100	2,585	64.6% [53.2, 75.9]	70.6% [65.8, 75.5]	330	8,518	68.3% [63.0, 73.7]	61.1% [58.0, 64.2]
Black ^a	**	**	**	62.1% [47.2, 77.0]	**	**	**	63.6% [52.2, 75.1]
Hispanic	**	**	**	64.7% [57.8, 71.6]	**	**	**	58.1% [52.7, 63.4]
Other ^a	**	**	**	66.5% [52.9, 80.2]	**	**	**	51.1% [40.7, 61.6]
Gender								
Female	76	1,640	79.1% [66.0, 92.2]	72.1% [66.5, 77.6]	234	5,236	69.1% [60.8, 77.3]	68.1% [64.9, 71.3]
Male	69	1,601	55.5% [43.9, 67.1]	61.3% [55.6, 67.0]	210	5,128	64.1% [58.6, 69.7]	53.3% [49.4, 57.2]
Age								
9–14	124	2,841	64.9% [53.3, 76.5]	65.6% [61.8, 69.4]	**	**	**	65.2% [55.0, 75.4]
15–17	**	**	**	73.9% [58.5, 89.3]	317	7,528	75.8% [71.5, 80.1]	67.1% [63.9, 70.4]
18+	--	--	--	--	90	2,083	27.9% [12.4, 43.4]	29.0% [24.3, 33.7]
Grade								
6th	**	**	**	54.7% [43.6, 65.8]	--	--	--	--
7th	**	**	**	61.0% [53.0, 69.1]	--	--	--	--
8th	96	2,306	65.4% [55.3, 75.5]	72.8% [68.4, 77.3]	--	--	--	--
9th	--	--	--	--	102	2,230	77.5% [72.0, 83.1]	69.3% [62.8, 75.8]
10th	--	--	--	--	113	2,433	78.7% [72.4, 85.0]	69.3% [63.8, 74.8]
11th	--	--	--	--	92	2,348	72.5% [61.8, 83.2]	64.5% [59.7, 69.3]
12th	--	--	--	--	137	3,353	46.5% [31.2, 61.8]	42.3% [38.0, 46.7]

Note: Students who usually got cigarettes from a social source are defined as, in the past 30 days, getting cigarettes by giving "someone else money to buy them," by getting "them from someone else," by "a person 18 years old or older" giving cigarettes to the student, or by "stealing" the cigarettes.

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 11. Percentage of Middle and High School Students Who Usually Got Cigarettes from a Retail Store among Those Who Smoked Cigarettes in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	145	3,241	3.3% [0.1, 6.6]	10.4% [7.2, 13.7]	444	10,363	22.3% [15.8, 28.8]	27.6% [25.2, 30.0]
Race								
White ^a	100	2,585	2.5% [-1.0, 6.0]	7.1% [3.1, 11.2]	330	8,518	23.2% [16.6, 29.7]	29.0% [25.9, 32.1]
Black ^a	**	**	**	14.8% [4.8, 24.7]	**	**	**	19.2% [12.6, 25.7]
Hispanic	**	**	**	11.2% [5.9, 16.5]	**	**	**	25.1% [20.8, 29.5]
Other ^a	**	**	**	12.1% [4.6, 19.6]	**	**	**	33.2% [22.5, 43.8]
Gender								
Female	76	1,640	2.8% [-1.4, 7.0]	6.6% [3.6, 9.5]	234	5,236	21.2% [12.3, 30.0]	21.8% [18.9, 24.8]
Male	69	1,601	3.9% [-2.5, 10.3]	13.9% [8.5, 19.2]	210	5,128	23.4% [15.6, 31.2]	32.4% [29.3, 35.5]
Age								
9–14	124	2,841	2.6% [-0.6, 5.8]	10.2% [7.2, 13.2]	**	**	**	20.0% [7.5, 32.6]
15–17	**	**	**	13.4% [3.7, 23.2]	317	7,528	10.8% [5.7, 15.9]	20.4% [17.8, 23.0]
18+	--	--	--	--	90	2,083	66.0% [48.7, 83.4]	61.5% [54.3, 68.6]
Grade								
6th	**	**	**	12.2% [3.9, 20.6]	--	--	--	--
7th	**	**	**	10.6% [3.8, 17.4]	--	--	--	--
8th	96	2,306	4.4% [-0.2, 8.9]	9.8% [6.1, 13.5]	--	--	--	--
9th	--	--	--	--	102	2,230	5.0% [0.4, 9.6]	16.0% [10.2, 21.7]
10th	--	--	--	--	113	2,433	10.6% [6.3, 15.0]	16.5% [12.8, 20.1]
11th	--	--	--	--	92	2,348	16.9% [6.4, 27.4]	23.1% [18.9, 27.4]
12th	--	--	--	--	137	3,353	46.0% [27.4, 64.6]	48.5% [43.8, 53.2]

Note: Students who usually got cigarettes from a retail store are defined as getting cigarettes from locations such as convenience stores, supermarkets, or gas stations.

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 12. Percentage of Middle and High School Students Who Purchased Their Last Pack of Cigarettes from a Gas Station among Those Who Purchased a Pack of Cigarettes in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	102	2,263	29.0% [20.9, 37.1]	16.9% [12.5, 21.3]	296	6,803	51.4% [45.3, 57.6]	35.1% [30.0, 40.2]
Race								
White ^a	62	1,723	25.8% [18.6, 33.0]	25.6% [18.4, 32.8]	217	5,646	52.8% [47.2, 58.5]	45.3% [40.3, 50.4]
Black ^a	**	**	**	21.6% [10.3, 32.9]	**	**	**	24.8% [15.7, 33.9]
Hispanic	**	**	**	8.7% [4.0, 13.3]	**	**	**	16.0% [9.1, 23.0]
Other ^a	**	**	**	10.0% [2.7, 17.3]	**	**	**	13.9% [7.8, 19.9]
Gender								
Female	51	1,019	31.4% [13.0, 49.8]	17.7% [11.3, 24.1]	157	3,509	57.9% [48.9, 66.9]	38.9% [31.8, 46.0]
Male	51	1,244	26.9% [8.0, 45.9]	16.5% [11.1, 21.9]	139	3,293	44.5% [37.5, 51.6]	32.4% [27.0, 37.7]
Age								
9–14	82	1,934	31.3% [21.2, 41.3]	16.5% [12.0, 21.1]	**	**	**	20.9% [12.0, 29.8]
15–17	**	**	**	22.2% [13.6, 30.8]	202	4,810	49.3% [40.1, 58.5]	35.3% [29.9, 40.7]
18+	--	--	--	--	75	1,766	59.3% [48.1, 70.4]	40.3% [31.5, 49.1]
Grade								
6th	**	**	**	15.2% [5.1, 25.4]	--	--	--	--
7th	**	**	**	15.2% [7.1, 23.2]	--	--	--	--
8th	67	1,507	31.8% [21.7, 41.8]	18.4% [13.7, 23.1]	--	--	--	--
9th	--	--	--	--	59	1,124	32.3% [17.0, 47.6]	22.7% [15.6, 29.8]
10th	--	--	--	--	72	1,476	35.9% [25.5, 46.3]	27.8% [22.4, 33.3]
11th	--	--	--	--	62	1,605	59.9% [46.7, 73.1]	40.1% [33.1, 47.1]
12th	--	--	--	--	103	2,597	63.3% [54.6, 72.0]	43.5% [36.3, 50.6]

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 13. Percentage of Middle and High School Students Who Purchased Their Last Pack of Cigarettes from a Convenience Store among Those Who Purchased a Pack of Cigarettes in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	102	2,263	3.2% [-1.3, 7.8]	12.5% [8.4, 16.5]	296	6,803	13.7% [7.4, 20.1]	21.0% [17.9, 24.2]
Race								
White ^a	62	1,723	1.6% [-1.0, 4.3]	8.3% [3.4, 13.3]	217	5,646	14.7% [8.0, 21.3]	22.7% [18.8, 26.7]
Black ^a	**	**	**	16.8% [7.8, 25.7]	**	**	**	12.9% [6.7, 19.1]
Hispanic	**	**	**	14.9% [7.0, 22.8]	**	**	**	18.2% [13.0, 23.4]
Other ^a	**	**	**	9.9% [0.1, 19.7]	**	**	**	22.2% [6.2, 38.1]
Gender								
Female	51	1,019	5.0% [-3.1, 13.2]	10.1% [5.8, 14.3]	157	3,509	11.9% [3.2, 20.5]	21.8% [17.1, 26.5]
Male	51	1,244	1.8% [-0.6, 4.2]	14.5% [8.8, 20.2]	139	3,293	15.7% [7.3, 24.1]	20.5% [16.6, 24.4]
Age								
9–14	82	1,934	1.5% [-0.7, 3.6]	12.8% [8.4, 17.1]	**	**	**	27.5% [18.9, 36.1]
15–17	**	**	**	11.9% [3.1, 20.6]	202	4,810	11.1% [4.1, 18.1]	18.7% [15.0, 22.4]
18+	--	--	--	--	75	1,766	20.3% [7.9, 32.7]	26.4% [21.0, 31.8]
Grade								
6th	**	**	**	11.8% [0.7, 22.8]	--	--	--	--
7th	**	**	**	9.1% [3.3, 15.0]	--	--	--	--
8th	67	1,507	4.4% [-1.6, 10.4]	14.5% [8.9, 20.1]	--	--	--	--
9th	--	--	--	--	59	1,124	9.8% [-2.5, 22.1]	20.0% [15.3, 24.7]
10th	--	--	--	--	72	1,476	15.5% [6.0, 24.9]	19.2% [13.6, 24.8]
11th	--	--	--	--	62	1,605	12.2% [-4.0, 28.4]	18.6% [12.8, 24.4]
12th	--	--	--	--	103	2,597	15.4% [6.5, 24.3]	24.9% [19.7, 30.1]

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 14. Percentage of Middle and High School Students Who Purchased Their Last Pack of Cigarettes from a Grocery Store among Those Who Purchased a Pack of Cigarettes in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	102	2,263	4.3% [0.0, 8.6]	12.7% [8.3, 17.1]	296	6,803	4.8% [2.3, 7.3]	9.5% [6.0, 12.9]
Race								
White ^a	62	1,723	5.7% [0.4, 10.9]	4.9% [0.8, 9.0]	217	5,646	4.5% [1.8, 7.3]	4.8% [3.4, 6.2]
Black ^a	**	**	**	6.9% [1.0, 12.8]	**	**	**	8.7% [3.1, 14.4]
Hispanic	**	**	**	23.7% [15.0, 32.5]	**	**	**	23.0% [10.1, 35.9]
Other ^a	**	**	**	6.5% [-1.3, 14.2]	**	**	**	17.7% [5.1, 30.3]
Gender								
Female	51	1,019	0.0% NA	10.6% [4.5, 16.6]	157	3,509	3.1% [0.4, 5.8]	6.8% [1.9, 11.7]
Male	51	1,244	7.8% [-0.2, 15.9]	14.5% [8.2, 20.7]	139	3,293	6.7% [1.8, 11.6]	11.4% [7.7, 15.2]
Age								
9–14	82	1,934	5.0% [0.1, 9.9]	12.5% [7.9, 17.2]	**	**	**	5.4% [-0.4, 11.3]
15–17	**	**	**	15.5% [0.7, 30.3]	202	4,810	3.4% [0.8, 6.1]	9.4% [5.8, 12.9]
18+	--	--	--	--	75	1,766	8.6% [1.3, 16.0]	11.6% [5.9, 17.3]
Grade								
6th	**	**	**	17.0% [6.3, 27.8]	--	--	--	--
7th	**	**	**	7.0% [0.5, 13.4]	--	--	--	--
8th	67	1,507	2.9% [-1.6, 7.4]	14.2% [7.5, 20.9]	--	--	--	--
9th	--	--	--	--	59	1,124	5.4% [-0.5, 11.4]	8.3% [3.5, 13.1]
10th	--	--	--	--	72	1,476	1.5% [-1.5, 4.5]	8.8% [4.4, 13.3]
11th	--	--	--	--	62	1,605	6.9% [-0.2, 13.9]	8.8% [4.9, 12.8]
12th	--	--	--	--	103	2,597	5.2% [-0.2, 10.5]	11.1% [5.7, 16.5]

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 15. Percentage of Middle and High School Students Who Purchased Their Last Pack of Cigarettes from a Pharmacy among Those Who Purchased a Pack of Cigarettes in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	102	2,263	6.5% [0.1, 13.0]	7.3% [4.3, 10.3]	296	6,803	3.4% [0.9, 5.9]	4.2% [3.1, 5.3]
Race								
White ^a	62	1,723	7.0% [0.0, 14.9]	3.6% [1.3, 5.9]	217	5,646	3.1% [0.4, 5.8]	3.8% [2.5, 5.0]
Black ^a	**	**	**	7.6% [-1.0, 16.2]	**	**	**	4.4% [0.0, 8.8]
Hispanic	**	**	**	9.9% [2.7, 17.2]	**	**	**	5.8% [3.3, 8.4]
Other ^a	**	**	**	5.4% [0.1, 10.7]	**	**	**	2.3% [0.1, 4.6]
Gender								
Female	51	1,019	1.2% [0.0, 3.7]	4.2% [0.7, 7.7]	157	3,509	1.5% [0.0, 4.3]	3.0% [1.8, 4.2]
Male	51	1,244	10.9% [0.0, 22.0]	9.8% [5.0, 14.5]	139	3,293	5.4% [1.0, 9.8]	5.1% [3.4, 6.8]
Age								
9–14	82	1,934	2.5% [0.0, 6.8]	6.1% [3.2, 9.1]	**	**	**	7.4% [0.9, 13.9]
15–17	**	**	**	8.0% [2.3, 13.8]	202	4,810	2.5% [0.2, 4.8]	3.1% [2.1, 4.0]
18+	--	--	--	--	75	1,766	6.2% [0.0, 13.8]	6.8% [3.6, 10.0]
Grade								
6th	**	**	**	2.5% [0.2, 4.8]	--	--	--	--
7th	**	**	**	11.6% [4.0, 19.2]	--	--	--	--
8th	**	**	**	6.7% [2.2, 11.1]	--	--	--	--
9th	--	--	--	--	59	1,124	0.3% [0.0, 0.7]	4.4% [1.6, 7.2]
10th	--	--	--	--	72	1,476	6.1% [0.5, 11.6]	3.7% [1.7, 5.7]
11th	--	--	--	--	62	1,605	1.3% [0.0, 4.1]	3.3% [1.6, 5.0]
12th	--	--	--	--	103	2,597	4.6% [0.0, 9.4]	5.1% [3.1, 7.2]

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 16. Percentage of Middle and High School Students Asked to Show Proof of Age among Students Who Purchased or Tried to Purchase Cigarettes in a Store in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	**	**	**	32.3% [26.1, 38.6]	98	2,277	39.1% [27.5, 50.7]	43.0% [39.3, 46.7]
Race								
White ^a	**	**	**	25.0% [15.7, 34.3]	58	1,644	41.9% [29.3, 54.6]	46.8% [43.0, 50.6]
Black ^a	**	**	**	30.0% [15.4, 44.5]	**	**	**	39.8% [24.9, 54.7]
Hispanic	**	**	**	43.8% [31.3, 56.4]	**	**	**	33.1% [23.9, 42.3]
Other ^a	**	**	**	17.8% [6.2, 29.3]	**	**	**	47.2% [30.3, 64.2]
Gender								
Female	**	**	**	25.9% [17.5, 34.3]	**	**	**	38.3% [31.0, 45.6]
Male	**	**	**	34.6% [27.5, 41.7]	60	1,425	40.3% [23.8, 56.9]	45.8% [41.9, 49.6]
Age								
9–14	**	**	**	29.3% [22.9, 35.6]	**	**	**	29.7% [20.8, 38.6]
15–17	**	**	**	46.7% [30.0, 63.3]	85	2,084	41.8% [30.4, 53.3]	44.7% [41.0, 48.5]
18+	--	--	--	--	--	--	--	--
Grade								
6th	**	**	**	27.5% [12.3, 42.8]	--	--	--	--
7th	**	**	**	38.3% [26.1, 50.5]	--	--	--	--
8th	**	**	**	31.1% [23.8, 38.4]	--	--	--	--
9th	--	--	--	--	**	**	**	33.6% [22.3, 44.9]
10th	--	--	--	--	**	**	**	36.3% [29.4, 43.1]
11th	--	--	--	--	**	**	**	51.7% [44.1, 59.3]
12th	--	--	--	--	**	**	**	49.1% [41.1, 57.1]

** Estimates are not reported if the number of respondents is less than 50.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 17. Percentage of Middle and High School Students Who Tried to Purchase Cigarettes in a Store in the Past 30 Days and Were Refused Purchase of Cigarettes Due to Age, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	**	**	**	34.6% [27.6, 41.7]	98	2,277	30.6% [17.7, 43.4]	38.7% [35.0, 42.5]
Race								
White ^a	**	**	**	29.8% [19.3, 40.3]	58	1,644	33.8% [17.5, 50.2]	39.5% [34.6, 44.4]
Black ^a	**	**	**	32.7% [17.7, 47.7]	**	**	**	41.4% [31.7, 51.0]
Hispanic	**	**	**	45.3% [33.0, 57.5]	**	**	**	30.5% [24.4, 36.6]
Other ^a	**	**	**	26.2% [9.4, 42.9]	**	**	**	49.1% [30.8, 67.4]
Gender								
Female	**	**	**	37.6% [27.7, 47.5]	**	**	**	38.8% [33.2, 44.5]
Male	**	**	**	33.5% [24.7, 42.2]	60	1,425	33.1% [16.7, 49.4]	38.7% [33.9, 43.4]
Age								
9–14	**	**	**	32.5% [24.7, 40.2]	**	**	**	30.3% [21.0, 39.6]
15–17	**	**	**	49.9% [32.1, 67.7]	85	2,084	33.4% [18.0, 48.8]	39.7% [35.7, 43.8]
18+	--	--	--	--	--	--	--	--
Grade								
6th	**	**	**	15.8% [6.7, 24.8]	--	--	--	--
7th	**	**	**	45.2% [28.1, 62.3]	--	--	--	--
8th	**	**	**	35.8% [28.5, 43.1]	--	--	--	--
9th	--	--	--	--	**	**	**	37.3% [28.5, 46.1]
10th	--	--	--	--	**	**	**	39.2% [31.4, 46.9]
11th	--	--	--	--	**	**	**	40.5% [35.2, 45.9]
12th	--	--	--	--	**	**	**	37.0% [30.0, 44.1]

** Estimates are not reported if the number of respondents is less than 50.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 18. Percentage of Middle and High School Students Exposed to Indoor Secondhand Smoke at Least 1 Day in the Past 7 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,861	41,419	41.0% [35.7, 46.2]	34.6% [33.0, 36.2]	2,247	53,822	46.5% [41.0, 52.0]	44.5% [41.7, 47.2]
Race								
White ^a	1,390	33,098	41.0% [34.8, 47.2]	37.7% [35.8, 39.6]	1,791	46,332	46.6% [40.5, 52.6]	50.4% [48.0, 52.7]
Black ^a	110	3,572	38.0% [20.5, 55.5]	34.1% [29.6, 38.5]	148	3,851	43.4% [38.1, 48.7]	31.2% [27.4, 35.0]
Hispanic	143	1,030	38.8% [31.6, 45.9]	30.1% [26.7, 33.6]	140	1,082	55.3% [43.9, 66.7]	41.6% [36.9, 46.2]
Other ^a	106	963	47.0% [36.2, 57.9]	30.4% [24.4, 36.5]	113	1,259	47.3% [34.3, 60.4]	38.4% [34.6, 42.2]
Gender								
Female	970	22,449	42.5% [36.5, 48.5]	38.4% [36.5, 40.3]	1,156	27,621	48.3% [42.5, 54.1]	47.1% [44.1, 50.1]
Male	891	18,970	39.1% [33.6, 44.7]	30.7% [28.9, 32.6]	1,090	26,180	44.6% [37.7, 51.5]	41.9% [38.6, 45.2]
Age								
9–14	1,798	40,418	40.5% [35.2, 45.7]	34.3% [32.7, 36.0]	307	7,096	37.6% [25.6, 49.6]	38.0% [34.3, 41.8]
15–17	61	938	63.0% [43.1, 82.9]	46.6% [38.1, 55.2]	1,632	39,855	46.5% [42.2, 50.8]	44.7% [41.8, 47.6]
18+	--	--	--	--	305	6,808	55.7% [46.1, 65.3]	50.3% [46.4, 54.2]
Grade								
6th	461	12,258	36.5% [31.0, 42.0]	31.2% [28.8, 33.6]	--	--	--	--
7th	718	13,952	42.9% [34.3, 51.5]	33.8% [31.6, 36.0]	--	--	--	--
8th	682	15,209	42.8% [37.1, 48.4]	38.4% [36.1, 40.6]	--	--	--	--
9th	--	--	--	--	646	14,475	39.6% [30.7, 48.4]	39.4% [36.3, 42.5]
10th	--	--	--	--	629	14,163	44.4% [39.6, 49.1]	42.9% [39.2, 46.5]
11th	--	--	--	--	444	12,047	50.3% [43.9, 56.6]	46.8% [43.6, 50.0]
12th	--	--	--	--	528	13,136	53.1% [44.3, 61.9]	49.3% [46.3, 52.4]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 19. Average Number of Days Middle and High School Students Were Exposed to Indoor Secondhand Smoke in the Past 7 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,861	41,419	1.6 [1.3, 1.9]	1.2 [1.2, 1.3]	2,247	53,822	1.9 [1.6, 2.2]	1.7 [1.6, 1.9]
Race								
White ^a	1,390	33,098	1.6 [1.2, 1.9]	1.3 [1.2, 1.4]	1,791	46,332	1.9 [1.6, 2.3]	2.0 [1.8, 2.1]
Black ^a	110	3,572	1.6 [0.8, 2.4]	1.3 [1.1, 1.4]	148	3,851	1.7 [1.2, 2.2]	1.2 [1.1, 1.4]
Hispanic	143	1,030	1.6 [1.3, 1.9]	1.1 [0.9, 1.2]	140	1,082	2.7 [2.3, 3.1]	1.5 [1.3, 1.7]
Other ^a	106	963	2.1 [1.5, 2.7]	1.1 [0.9, 1.4]	113	1,259	2.0 [1.3, 2.7]	1.4 [1.1, 1.7]
Gender								
Female	970	22,449	1.7 [1.4, 2.0]	1.4 [1.3, 1.5]	1,156	27,621	2.1 [1.7, 2.4]	1.8 [1.6, 1.9]
Male	891	18,970	1.5 [1.1, 1.8]	1.1 [1.0, 1.2]	1,090	26,180	1.8 [1.4, 2.1]	1.7 [1.5, 1.8]
Age								
9–14	1,798	40,418	1.6 [1.2, 1.9]	1.2 [1.1, 1.3]	307	7,096	1.4 [0.9, 2.0]	1.4 [1.3, 1.6]
15–17	61	938	3.3 [1.9, 4.7]	2.2 [1.7, 2.7]	1,632	39,855	1.9 [1.6, 2.2]	1.7 [1.6, 1.8]
18+	--	--	--	--	305	6,808	2.4 [2.0, 2.8]	2.1 [1.8, 2.3]
Grade								
6th	461	12,258	1.3 [1.0, 1.6]	1.1 [0.9, 1.2]	--	--	--	--
7th	718	13,952	1.7 [1.3, 2.1]	1.2 [1.1, 1.3]	--	--	--	--
8th	682	15,209	1.7 [1.3, 2.1]	1.4 [1.3, 1.6]	--	--	--	--
9th	--	--	--	--	646	14,475	1.6 [1.1, 2.0]	1.5 [1.4, 1.7]
10th	--	--	--	--	629	14,163	1.8 [1.5, 2.1]	1.6 [1.5, 1.8]
11th	--	--	--	--	444	12,047	2.2 [1.8, 2.6]	1.8 [1.6, 1.9]
12th	--	--	--	--	528	13,136	2.1 [1.8, 2.5]	2.0 [1.8, 2.2]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 20. Percentage of Middle and High School Students Who Live with a Smoker, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,848	41,249	39.9% [33.2, 46.7]	35.0% [33.1, 36.8]	2,247	53,883	37.2% [30.1, 44.2]	36.3% [34.4, 38.2]
Race								
White ^a	1,381	32,965	38.7% [31.5, 45.8]	34.1% [31.8, 36.4]	1,790	46,349	36.3% [29.2, 43.5]	37.2% [34.7, 39.7]
Black ^a	109	3,552	45.3% [33.8, 56.7]	38.4% [33.3, 43.4]	148	3,830	46.7% [41.6, 51.8]	33.1% [30.1, 36.1]
Hispanic	144	1,047	45.1% [33.3, 57.0]	35.8% [32.6, 38.9]	139	1,076	43.6% [35.8, 51.4]	36.9% [31.4, 42.5]
Other ^a	104	952	55.9% [42.7, 69.0]	32.0% [27.1, 36.9]	113	1,259	32.8% [17.5, 48.2]	37.1% [32.0, 42.2]
Gender								
Female	967	22,439	41.2% [35.3, 47.0]	36.6% [34.3, 38.8]	1,156	27,642	38.1% [30.1, 46.2]	37.6% [35.6, 39.6]
Male	881	18,809	38.5% [30.3, 46.6]	33.4% [31.4, 35.4]	1,090	26,220	36.2% [29.4, 43.1]	35.1% [32.8, 37.4]
Age								
9–14	1,787	40,260	39.1% [32.5, 45.8]	34.7% [32.9, 36.6]	306	7,134	32.0% [21.1, 42.8]	36.1% [31.2, 40.9]
15–17	59	926	69.9% [53.6, 86.1]	49.1% [41.8, 56.5]	1,633	39,891	37.6% [30.6, 44.6]	36.3% [34.6, 38.0]
18+	--	--	--	--	305	6,794	40.5% [33.2, 47.8]	36.6% [32.9, 40.3]
Grade								
6th	460	12,278	39.6% [33.4, 45.8]	32.6% [29.7, 35.4]	--	--	--	--
7th	713	13,858	38.5% [29.5, 47.5]	36.0% [33.0, 39.0]	--	--	--	--
8th	675	15,113	41.5% [33.3, 49.7]	36.1% [33.2, 39.1]	--	--	--	--
9th	--	--	--	--	643	14,429	36.9% [26.4, 47.4]	36.9% [33.3, 40.4]
10th	--	--	--	--	633	14,267	37.7% [31.1, 44.3]	37.2% [35.1, 39.3]
11th	--	--	--	--	443	12,017	38.5% [29.7, 47.3]	36.4% [34.4, 38.3]
12th	--	--	--	--	528	13,170	35.8% [29.4, 42.2]	34.6% [31.9, 37.3]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 21. Percentage of Middle and High School Students with a Household Smoking Ban, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,849	41,245	65.9% [60.4, 71.4]	71.4% [69.9, 72.8]	2,244	53,812	67.3% [62.6, 72.1]	68.6% [67.0, 70.2]
Race								
White ^a	1,379	32,918	66.8% [61.0, 72.6]	71.3% [69.4, 73.2]	1,790	46,341	68.0% [63.3, 72.8]	68.1% [66.1, 70.1]
Black ^a	110	3,572	58.0% [40.2, 75.8]	68.5% [63.5, 73.4]	146	3,782	61.5% [52.1, 70.9]	70.1% [67.6, 72.6]
Hispanic	144	1,047	57.0% [49.7, 64.3]	73.2% [71.1, 75.4]	139	1,072	59.2% [51.6, 66.8]	67.8% [63.1, 72.6]
Other ^a	104	952	68.3% [56.5, 80.0]	72.1% [67.7, 76.6]	113	1,259	64.9% [49.4, 80.4]	69.6% [65.9, 73.3]
Gender								
Female	966	22,381	64.8% [59.9, 69.7]	68.8% [67.0, 70.6]	1,154	27,560	66.2% [60.8, 71.7]	68.3% [66.5, 70.2]
Male	883	18,864	67.2% [60.2, 74.1]	74.0% [72.4, 75.6]	1,089	26,231	68.5% [63.4, 73.5]	68.8% [66.8, 70.8]
Age								
9–14	1,787	40,248	66.1% [60.6, 71.7]	71.6% [70.2, 73.0]	305	7,083	71.5% [61.5, 81.6]	69.5% [65.4, 73.6]
15–17	60	934	52.9% [35.6, 70.2]	59.5% [52.7, 66.3]	1,633	39,892	66.4% [62.1, 70.7]	68.6% [67.1, 70.0]
18+	--	--	--	--	303	6,772	67.9% [60.2, 75.6]	67.9% [64.6, 71.2]
Grade								
6th	459	12,223	68.0% [62.3, 73.7]	74.7% [72.7, 76.7]	--	--	--	--
7th	713	13,863	64.2% [56.3, 72.2]	70.6% [67.5, 73.6]	--	--	--	--
8th	677	15,159	65.7% [60.1, 71.3]	69.2% [66.7, 71.6]	--	--	--	--
9th	--	--	--	--	641	14,363	67.7% [59.5, 75.8]	67.5% [64.4, 70.6]
10th	--	--	--	--	632	14,247	64.8% [59.3, 70.3]	69.0% [66.9, 71.0]
11th	--	--	--	--	443	12,037	66.5% [60.6, 72.5]	68.9% [67.0, 70.8]
12th	--	--	--	--	528	13,165	70.4% [64.9, 76.0]	69.0% [66.7, 71.4]

Note: A household smoking ban is defined as when smoking is not allowed anywhere inside the home.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 22. Percentage of Middle and High School Students with a Household Smoking Ban among Students Who Live with a Smoker, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	773	16,387	37.7% [33.2, 42.3]	44.7% [42.2, 47.2]	885	19,989	36.2% [31.7, 40.7]	41.3% [39.1, 43.5]
Race								
White ^a	540	12,660	37.8% [32.2, 43.4]	42.5% [40.1, 44.9]	686	16,817	35.4% [30.9, 39.8]	39.9% [37.6, 42.1]
Black ^a	54	1,608	32.1% [13.2, 51.0]	39.8% [33.0, 46.7]	66	1,751	41.1% [24.1, 58.1]	41.9% [34.7, 49.1]
Hispanic	72	473	45.3% [33.6, 57.0]	52.6% [48.0, 57.3]	64	469	34.6% [23.3, 45.9]	41.6% [36.9, 46.4]
Other ^a	61	532	52.7% [36.0, 69.4]	44.5% [37.0, 51.9]	**	**	**	49.2% [41.4, 56.9]
Gender								
Female	414	9,158	36.4% [31.7, 41.0]	41.3% [39.0, 43.6]	466	10,494	34.3% [29.8, 38.7]	41.2% [38.8, 43.5]
Male	359	7,229	39.5% [32.8, 46.2]	48.5% [44.8, 52.3]	419	9,495	38.4% [31.7, 45.0]	41.3% [38.3, 44.3]
Age								
9–14	732	15,677	37.2% [32.8, 41.6]	44.7% [42.2, 47.1]	104	2,269	43.5% [33.3, 53.8]	42.1% [36.8, 47.4]
15–17	**	**	**	47.6% [35.8, 59.5]	646	14,950	34.9% [30.0, 39.8]	40.6% [38.7, 42.5]
18+	--	--	--	--	134	2,750	36.8% [25.2, 48.5]	45.3% [40.0, 50.6]
Grade								
6th	185	4,832	41.8% [29.7, 53.9]	47.7% [44.4, 50.9]	--	--	--	--
7th	288	5,306	31.7% [26.9, 36.5]	45.0% [39.7, 50.3]	--	--	--	--
8th	300	6,249	39.7% [34.6, 44.8]	42.0% [38.0, 46.0]	--	--	--	--
9th	--	--	--	--	259	5,274	41.5% [34.5, 48.5]	40.9% [37.2, 44.6]
10th	--	--	--	--	244	5,374	31.1% [21.7, 40.4]	41.2% [38.8, 43.6]
11th	--	--	--	--	178	4,623	35.3% [26.2, 44.4]	41.9% [38.4, 45.3]
12th	--	--	--	--	204	4,718	37.1% [31.2, 43.0]	41.1% [36.4, 45.8]

Note: A household smoking ban is defined as when smoking is not allowed anywhere inside the home.

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 23. Percentage of Middle and High School Students Who Smoked Cigarettes on School Property at Least 1 Day in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,863	41,301	0.9% [0.5, 1.3]	1.5% [1.1, 1.8]	2,239	54,006	5.3% [4.3, 6.4]	6.0% [5.2, 6.9]
Race								
White ^a	1,392	33,081	0.8% [0.4, 1.2]	0.8% [0.5, 1.0]	1,790	46,425	4.8% [3.7, 5.9]	6.5% [5.4, 7.5]
Black ^a	111	3,502	1.2% [-0.4, 2.7]	2.3% [1.3, 3.3]	150	3,960	8.1% [0.1, 16.1]	3.8% [2.5, 5.1]
Hispanic	145	1,056	3.7% [-0.3, 7.7]	2.3% [1.5, 3.1]	134	1,047	18.7% [8.8, 28.7]	6.7% [5.2, 8.1]
Other ^a	104	946	2.2% [-0.3, 4.6]	2.1% [0.5, 3.8]	110	1,227	4.6% [0.1, 9.0]	7.0% [4.3, 9.7]
Gender								
Female	976	22,535	0.8% [0.3, 1.2]	1.1% [0.8, 1.4]	1,152	27,663	5.6% [3.8, 7.4]	5.3% [4.4, 6.2]
Male	887	18,766	1.1% [0.3, 2.0]	1.7% [1.2, 2.2]	1,086	26,322	5.1% [3.5, 6.6]	6.7% [5.7, 7.7]
Age								
9–14	1,800	40,293	0.7% [0.4, 1.0]	1.3% [1.0, 1.6]	306	7,114	3.2% [1.1, 5.2]	4.9% [3.2, 6.5]
15–17	61	945	12.2% [-4.4, 28.8]	8.9% [5.0, 12.8]	1,624	39,928	5.4% [4.1, 6.6]	5.7% [4.8, 6.6]
18+	--	--	--	--	306	6,899	7.4% [3.9, 11.0]	9.3% [7.2, 11.4]
Grade								
6th	465	12,297	0.2% [-0.1, 0.6]	1.0% [0.5, 1.4]	--	--	--	--
7th	713	13,871	0.4% [-0.2, 0.9]	1.0% [0.6, 1.4]	--	--	--	--
8th	685	15,133	2.1% [1.0, 3.2]	2.3% [1.7, 3.0]	--	--	--	--
9th	--	--	--	--	645	14,630	4.6% [3.3, 5.9]	4.8% [3.9, 5.7]
10th	--	--	--	--	625	14,096	5.6% [3.5, 7.7]	5.3% [4.1, 6.5]
11th	--	--	--	--	438	11,999	6.2% [4.2, 8.2]	5.8% [4.5, 7.0]
12th	--	--	--	--	531	13,281	5.1% [3.2, 7.0]	8.6% [7.0, 10.2]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 24. Average Number of Days Middle and High School Students Smoked on School Property in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,863	41,301	0.1 [0.0, 0.2]	0.2 [0.1, 0.2]	2,239	54,006	0.6 [0.4, 0.8]	0.8 [0.7, 1.0]
Race								
White ^a	1,392	33,081	0.1 [0.0, 0.1]	0.1 [0.0, 0.1]	1,790	46,425	0.5 [0.3, 0.6]	0.9 [0.7, 1.0]
Black ^a	111	3,502	0.2 [-0.3, 0.7]	0.3 [0.1, 0.4]	150	3,960	1.6 [-0.1, 3.2]	0.6 [0.3, 1.0]
Hispanic	145	1,056	0.9 [-0.3, 2.1]	0.3 [0.1, 0.5]	134	1,047	2.9 [0.7, 5.2]	0.9 [0.6, 1.2]
Other ^a	104	946	0.1 [-0.1, 0.3]	0.4 [0.0, 0.9]	110	1,227	0.8 [-0.1, 1.7]	1.1 [0.6, 1.6]
Gender								
Female	976	22,535	0.1 [0.0, 0.1]	0.1 [0.1, 0.2]	1,152	27,663	0.6 [0.4, 0.9]	0.6 [0.5, 0.7]
Male	887	18,766	0.1 [0.0, 0.3]	0.2 [0.1, 0.3]	1,086	26,322	0.6 [0.3, 0.8]	1.1 [0.8, 1.3]
Age								
9–14	1,800	40,293	0.1 [0.0, 0.1]	0.2 [0.1, 0.2]	306	7,114	0.4 [-0.2, 0.9]	0.7 [0.4, 1.1]
15–17	61	945	1.6 [-0.8, 4.0]	1.1 [0.5, 1.7]	1,624	39,928	0.6 [0.4, 0.8]	0.8 [0.6, 0.9]
18+	--	--	--	--	306	6,899	0.9 [0.5, 1.4]	1.4 [0.9, 1.8]
Grade								
6th	465	12,297	0.1 [0.0, 0.2]	0.2 [0.1, 0.4]	--	--	--	--
7th	713	13,871	0.0 [0.0, 0.0]	0.1 [0.0, 0.2]	--	--	--	--
8th	685	15,133	0.2 [0.0, 0.4]	0.2 [0.1, 0.3]	--	--	--	--
9th	--	--	--	--	645	14,630	0.5 [0.3, 0.7]	0.6 [0.4, 0.8]
10th	--	--	--	--	625	14,096	0.5 [0.2, 0.8]	0.7 [0.5, 1.0]
11th	--	--	--	--	438	11,999	0.7 [0.4, 1.1]	0.8 [0.5, 1.0]
12th	--	--	--	--	531	13,281	0.7 [0.3, 1.1]	1.4 [1.1, 1.6]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 25. Percentage of Middle and High School Students Who Have Seen Other Students Smoking on School Property in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,871	41,585	26.8% [22.0, 31.6]	28.2% [24.8, 31.5]	2,267	54,455	58.3% [50.4, 66.3]	63.6% [59.2, 68.0]
Race								
White ^a	1,393	33,190	25.5% [20.6, 30.4]	24.3% [20.7, 27.8]	1,804	46,736	57.9% [50.1, 65.8]	63.9% [59.7, 68.1]
Black ^a	113	3,611	32.9% [18.8, 47.0]	32.1% [24.8, 39.4]	152	3,964	68.2% [50.9, 85.5]	54.5% [46.5, 62.6]
Hispanic	146	1,060	37.1% [26.1, 48.0]	33.9% [29.3, 38.5]	141	1,091	62.0% [46.7, 77.2]	69.5% [63.0, 76.0]
Other ^a	107	969	37.6% [22.6, 52.7]	33.0% [25.6, 40.4]	113	1,255	50.1% [34.0, 66.2]	70.9% [60.9, 80.9]
Gender								
Female	978	22,614	27.9% [22.3, 33.5]	28.3% [24.6, 32.1]	1,163	27,812	59.1% [50.5, 67.7]	63.3% [58.8, 67.9]
Male	893	18,971	25.5% [20.5, 30.5]	28.0% [24.6, 31.4]	1,103	26,621	57.6% [49.9, 65.3]	63.9% [59.3, 68.5]
Age								
9–14	1,805	40,555	26.2% [21.4, 31.1]	27.9% [24.6, 31.2]	308	7,175	54.1% [42.3, 65.8]	58.3% [51.2, 65.4]
15–17	64	968	48.4% [27.8, 69.0]	42.7% [35.4, 50.0]	1,646	40,262	58.3% [49.5, 67.1]	64.2% [59.8, 68.6]
18+	--	--	--	--	310	6,954	63.4% [53.1, 73.6]	66.1% [62.0, 70.2]
Grade								
6th	464	12,329	19.0% [12.6, 25.4]	23.4% [19.3, 27.4]	--	--	--	--
7th	713	13,854	25.3% [17.3, 33.4]	28.2% [24.1, 32.3]	--	--	--	--
8th	694	15,403	34.4% [26.6, 42.2]	32.6% [29.0, 36.2]	--	--	--	--
9th	--	--	--	--	648	14,578	55.6% [45.5, 65.8]	61.2% [54.7, 67.7]
10th	--	--	--	--	638	14,370	60.5% [50.5, 70.5]	62.7% [58.2, 67.3]
11th	--	--	--	--	444	12,060	58.0% [47.6, 68.4]	63.6% [59.0, 68.2]
12th	--	--	--	--	537	13,447	59.3% [53.4, 65.1]	67.5% [63.6, 71.4]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 26. Percentage of Middle and High School Students Who Have Seen Adults Smoking on School Property in the Past 30 Days, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,873	41,613	22.6% [19.3, 25.8]	38.2% [34.8, 41.5]	2,268	54,522	22.4% [17.6, 27.1]	38.2% [34.2, 42.3]
Race								
White ^a	1,396	33,205	20.5% [18.8, 22.1]	26.2% [23.3, 29.0]	1,804	46,722	21.2% [16.6, 25.8]	28.0% [25.7, 30.3]
Black ^a	114	3,631	34.2% [22.7, 45.8]	53.7% [48.0, 59.5]	154	4,032	29.4% [14.3, 44.5]	48.6% [42.4, 54.9]
Hispanic	144	1,053	40.0% [29.7, 50.3]	54.6% [49.7, 59.6]	139	1,082	40.2% [29.8, 50.6]	56.1% [50.5, 61.8]
Other ^a	107	969	33.6% [22.1, 45.1]	43.5% [37.3, 49.6]	114	1,277	32.3% [22.6, 41.9]	47.4% [42.0, 52.8]
Gender								
Female	978	22,585	21.8% [18.4, 25.1]	37.7% [34.3, 41.0]	1,164	27,866	19.9% [14.6, 25.2]	35.5% [31.1, 39.8]
Male	895	19,028	23.6% [19.9, 27.2]	38.6% [34.9, 42.3]	1,103	26,636	25.0% [20.3, 29.7]	40.9% [36.6, 45.1]
Age								
9–14	1,808	40,586	22.2% [19.0, 25.4]	37.8% [34.5, 41.2]	307	7,169	21.6% [12.8, 30.5]	34.2% [28.7, 39.6]
15–17	63	965	34.6% [20.7, 48.6]	51.6% [43.1, 60.1]	1,648	40,336	21.9% [16.3, 27.5]	38.1% [33.9, 42.3]
18+	--	--	--	--	310	6,954	25.9% [15.4, 36.5]	42.7% [37.3, 48.2]
Grade								
6th	466	12,316	20.3% [16.3, 24.3]	36.2% [31.8, 40.5]	--	--	--	--
7th	716	13,921	23.1% [16.9, 29.4]	38.4% [34.4, 42.4]	--	--	--	--
8th	691	15,376	23.9% [19.7, 28.1]	39.8% [35.0, 44.5]	--	--	--	--
9th	--	--	--	--	650	14,666	20.8% [13.8, 27.9]	38.0% [32.9, 43.1]
10th	--	--	--	--	639	14,390	21.5% [15.7, 27.3]	36.8% [32.1, 41.4]
11th	--	--	--	--	444	12,060	22.1% [15.9, 28.2]	37.6% [33.2, 42.0]
12th	--	--	--	--	535	13,406	25.2% [18.4, 32.1]	41.2% [35.5, 46.8]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 27. Percentage of Middle and High School Students with at Least 1 Friend Who Smokes Cigarettes among their 4 Closest Friends, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,697	38,097	20.0% [14.9, 25.0]	16.9% [15.3, 18.4]	2,079	50,065	39.7% [34.8, 44.6]	41.6% [38.9, 44.2]
Race								
White ^a	1,279	30,697	18.3% [13.0, 23.5]	13.9% [12.4, 15.5]	1,665	43,119	39.1% [34.0, 44.2]	43.4% [41.2, 45.6]
Black ^a	92	2,974	32.6% [23.1, 42.0]	19.9% [16.3, 23.4]	135	3,534	42.0% [31.5, 52.5]	30.0% [26.2, 33.8]
Hispanic	127	941	28.1% [21.7, 34.5]	23.2% [20.5, 26.0]	125	972	55.7% [48.0, 63.5]	46.7% [41.3, 52.1]
Other ^a	96	903	21.6% [13.9, 29.4]	16.3% [12.7, 19.9]	102	1,177	50.7% [33.6, 67.9]	42.5% [38.3, 46.7]
Gender								
Female	918	21,337	20.7% [15.0, 26.3]	18.4% [16.3, 20.4]	1,089	26,190	38.8% [33.2, 44.5]	41.8% [38.0, 45.5]
Male	779	16,760	19.1% [13.5, 24.7]	15.3% [13.8, 16.8]	989	23,854	40.7% [34.9, 46.6]	41.4% [38.7, 44.0]
Age								
9–14	1,642	37,168	19.1% [14.0, 24.1]	16.3% [14.8, 17.8]	280	6,616	28.0% [20.0, 35.9]	33.1% [29.6, 36.5]
15–17	53	866	60.2% [39.2, 81.2]	47.2% [38.8, 55.6]	1,505	36,902	39.2% [34.1, 44.2]	41.4% [38.5, 44.3]
18+	--	--	--	--	291	6,483	54.3% [49.0, 59.5]	51.9% [48.2, 55.6]
Grade								
6th	433	11,602	11.9% [5.9, 17.8]	9.8% [8.1, 11.5]	--	--	--	--
7th	647	12,526	18.0% [13.6, 22.4]	15.2% [13.4, 16.9]	--	--	--	--
8th	617	13,969	28.5% [20.9, 36.1]	25.3% [22.8, 27.7]	--	--	--	--
9th	--	--	--	--	588	13,332	32.1% [24.0, 40.3]	36.1% [33.0, 39.2]
10th	--	--	--	--	582	13,126	36.6% [31.0, 42.2]	38.6% [35.9, 41.2]
11th	--	--	--	--	411	11,208	40.9% [33.2, 48.7]	43.1% [38.5, 47.7]
12th	--	--	--	--	498	12,399	50.1% [44.4, 55.8]	49.4% [45.6, 53.2]

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 28. Percentage of Middle and High School Students Who Would Smoke a Cigarette if Offered by Their Best Friend, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,846	41,304	8.9% [6.4, 11.5]	6.4% [5.7, 7.2]	2,246	53,770	18.2% [15.8, 20.7]	17.5% [15.8, 19.1]
Race								
White ^a	1,384	33,103	8.4% [5.4, 11.5]	5.5% [4.7, 6.2]	1,789	46,286	18.0% [15.3, 20.7]	19.8% [18.4, 21.2]
Black ^a	109	3,556	11.3% [4.6, 18.1]	6.6% [4.9, 8.3]	148	3,828	14.0% [3.7, 24.2]	9.1% [6.8, 11.4]
Hispanic	141	1,031	15.3% [8.5, 22.2]	8.4% [6.7, 10.1]	140	1,082	31.7% [24.0, 39.5]	18.6% [14.9, 22.3]
Other ^a	102	919	10.2% [4.5, 15.9]	8.6% [5.6, 11.6]	113	1,259	25.3% [11.2, 39.3]	15.1% [12.3, 17.9]
Gender								
Female	966	22,423	9.3% [5.9, 12.8]	6.6% [5.6, 7.5]	1,159	27,694	18.8% [15.6, 22.0]	17.0% [14.9, 19.0]
Male	880	18,880	8.5% [6.0, 11.0]	6.2% [5.4, 7.1]	1,086	26,055	17.6% [14.0, 21.2]	17.9% [16.1, 19.8]
Age								
9–14	1,788	40,341	8.4% [5.7, 11.0]	6.1% [5.3, 6.8]	306	7,067	9.2% [5.1, 13.3]	15.4% [12.9, 17.9]
15–17	56	900	31.2% [10.1, 52.2]	26.9% [19.3, 34.5]	1,633	39,896	18.4% [15.6, 21.2]	16.9% [15.0, 18.9]
18+	--	--	--	--	304	6,742	26.9% [21.3, 32.5]	23.7% [21.3, 26.1]
Grade								
6th	458	12,189	3.4% [0.7, 6.1]	3.5% [2.7, 4.4]	--	--	--	--
7th	716	13,952	7.3% [5.3, 9.3]	5.9% [4.9, 6.9]	--	--	--	--
8th	672	15,163	14.9% [9.8, 20.0]	9.6% [8.3, 11.0]	--	--	--	--
9th	--	--	--	--	642	14,402	13.4% [9.5, 17.4]	15.5% [13.5, 17.4]
10th	--	--	--	--	633	14,250	17.8% [13.4, 22.1]	15.7% [13.4, 18.0]
11th	--	--	--	--	444	12,047	19.2% [15.8, 22.7]	17.8% [15.6, 20.1]
12th	--	--	--	--	527	13,071	23.1% [18.0, 28.1]	21.4% [19.0, 23.7]

Note: A student who will smoke if offered a cigarette from their best friend is defined by those that responded "Definitely yes" or "Probably yes."

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 29. Percentage of Middle and High School Students Who Are Open to Smoking among Never Smokers, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,538	34,419	13.9% [11.2, 16.6]	14.5% [13.4, 15.5]	1,440	35,353	14.0% [11.6, 16.5]	15.8% [14.4, 17.3]
Race								
White ^a	1,177	28,090	14.2% [11.2, 17.2]	15.6% [14.5, 16.8]	1,180	30,863	14.5% [12.3, 16.7]	18.4% [17.1, 19.6]
Black ^a	84	2,597	14.2% [8.1, 20.3]	11.2% [9.0, 13.4]	88	2,341	7.1% [-1.8, 15.9]	9.8% [7.7, 11.8]
Hispanic	108	840	23.6% [13.9, 33.2]	15.1% [12.6, 17.6]	72	518	13.8% [-1.4, 29.1]	15.1% [12.9, 17.2]
Other ^a	79	698	12.3% [3.3, 21.2]	12.4% [9.3, 15.5]	65	706	11.1% [-2.6, 24.7]	15.7% [10.1, 21.2]
Gender								
Female	806	18,832	13.1% [9.3, 16.8]	14.3% [13.1, 15.5]	745	18,506	13.1% [8.9, 17.3]	16.5% [14.3, 18.7]
Male	732	15,588	14.8% [12.2, 17.5]	14.6% [13.2, 16.0]	694	16,826	15.1% [10.4, 19.8]	15.2% [13.5, 16.9]
Age								
9–14	1,511	34,041	14.0% [11.2, 16.7]	14.5% [13.4, 15.6]	230	5,580	17.5% [12.7, 22.3]	19.1% [16.1, 22.2]
15–17	**	**	**	12.0% [5.5, 18.6]	1,054	26,274	13.7% [11.7, 15.7]	15.7% [14.1, 17.4]
18+	--	--	--	--	153	3,434	10.5% [3.3, 17.7]	10.2% [7.7, 12.7]
Grade								
6th	427	11,340	9.9% [4.8, 15.1]	10.9% [9.6, 12.2]	--	--	--	--
7th	605	11,867	14.9% [11.2, 18.6]	15.0% [13.6, 16.4]	--	--	--	--
8th	506	11,212	16.7% [11.6, 21.8]	17.6% [15.5, 19.7]	--	--	--	--
9th	--	--	--	--	460	10,647	17.6% [13.3, 22.0]	19.2% [16.3, 22.0]
10th	--	--	--	--	428	9,898	15.0% [10.1, 19.9]	16.1% [13.7, 18.4]
11th	--	--	--	--	269	7,547	9.6% [5.7, 13.6]	14.0% [12.4, 15.6]
12th	--	--	--	--	283	7,262	12.0% [5.7, 18.4]	13.1% [11.0, 15.3]

Note: Openness to smoking is defined as never smokers who think they will try smoking soon; reply "Definitely yes," "Probably yes," or "Probably not" when asked if they intend to smoke in the next year; or reply "Definitely yes," "Probably yes," or "Probably not" when asked if they would smoke a cigarette if offered by one of their best friends.

** Estimates are not reported if the number of respondents is less than 50.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 30. Percentage of Middle and High School Students Who Believe Smoking for Just 1 or 2 Years and Quitting Is Safe, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,838	41,115	5.4% [4.3, 6.5]	6.4% [5.7, 7.1]	2,232	53,430	8.5% [6.5, 10.5]	10.3% [9.4, 11.3]
Race								
White ^a	1,378	32,978	4.6% [3.5, 5.7]	4.8% [4.1, 5.6]	1,781	46,144	7.9% [6.3, 9.5]	8.9% [8.1, 9.8]
Black ^a	108	3,530	11.3% [3.0, 19.6]	7.1% [5.6, 8.6]	146	3,715	10.4% [2.0, 18.8]	7.6% [5.7, 9.5]
Hispanic	141	1,031	11.3% [8.4, 14.3]	9.3% [7.8, 10.8]	140	1,082	18.4% [7.3, 29.5]	13.3% [10.4, 16.2]
Other ^a	102	919	7.1% [1.3, 12.8]	9.3% [6.3, 12.3]	113	1,259	15.6% [4.5, 26.6]	17.5% [12.4, 22.6]
Gender								
Female	963	22,393	4.2% [2.6, 5.9]	5.3% [4.6, 6.1]	1,152	27,605	5.8% [4.4, 7.2]	7.3% [6.0, 8.6]
Male	875	18,723	6.8% [5.0, 8.6]	7.4% [6.5, 8.2]	1,079	25,803	11.4% [8.5, 14.4]	13.1% [12.1, 14.2]
Age								
9–14	1,781	40,190	5.1% [3.9, 6.3]	6.2% [5.6, 6.9]	303	7,000	5.9% [2.5, 9.4]	9.2% [7.3, 11.2]
15–17	55	863	14.1% [-2.3, 30.6]	14.1% [9.4, 18.8]	1,623	39,633	8.3% [6.4, 10.2]	9.8% [8.9, 10.7]
18+	--	--	--	--	303	6,732	12.3% [7.8, 16.8]	14.8% [12.6, 16.9]
Grade								
6th	456	12,149	3.9% [0.8, 7.1]	5.0% [4.0, 5.9]	--	--	--	--
7th	714	13,881	4.7% [2.8, 6.6]	6.5% [5.5, 7.5]	--	--	--	--
8th	668	15,085	7.3% [4.5, 10.1]	7.6% [6.3, 9.0]	--	--	--	--
9th	--	--	--	--	638	14,315	7.8% [4.2, 11.5]	10.8% [8.9, 12.6]
10th	--	--	--	--	627	14,156	8.7% [6.7, 10.6]	9.1% [7.4, 10.8]
11th	--	--	--	--	442	11,978	8.2% [5.7, 10.7]	9.2% [7.9, 10.6]
12th	--	--	--	--	525	12,981	9.4% [5.4, 13.3]	12.5% [10.7, 14.3]

Note: A student who thinks it is safe to smoke for only 1 or 2 years as long as you quit after that is defined by those that responded "Definitely yes" or "Probably yes."

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 31. Percentage of Middle and High School Students Who Think Secondhand Smoke Is Harmful to Their Health, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,852	41,300	94.9% [93.4, 96.4]	94.3% [93.5, 95.1]	2,241	53,693	96.3% [95.1, 97.4]	93.4% [92.4, 94.4]
Race								
White ^a	1,385	33,052	95.6% [94.1, 97.1]	96.5% [96.1, 97.0]	1,788	46,290	96.6% [95.5, 97.7]	95.4% [94.6, 96.2]
Black ^a	109	3,517	90.0% [84.3, 95.7]	92.7% [90.7, 94.6]	146	3,764	95.7% [91.8, 99.5]	90.9% [88.5, 93.2]
Hispanic	143	1,030	91.4% [87.2, 95.6]	91.1% [89.2, 93.0]	138	1,065	87.5% [78.5, 96.5]	90.7% [88.5, 92.8]
Other ^a	104	952	89.1% [83.6, 94.7]	92.3% [89.7, 94.8]	113	1,259	92.8% [86.1, 99.6]	91.5% [88.3, 94.6]
Gender								
Female	970	22,491	96.4% [94.9, 97.9]	95.3% [94.5, 96.1]	1,157	27,653	98.1% [97.3, 99.0]	95.3% [94.1, 96.4]
Male	882	18,809	93.1% [90.9, 95.3]	93.4% [92.3, 94.4]	1,083	26,018	94.2% [92.6, 95.9]	91.7% [90.4, 93.0]
Age								
9–14	1,791	40,311	95.3% [93.9, 96.8]	94.6% [93.8, 95.4]	305	7,077	96.3% [93.7, 98.9]	91.4% [89.1, 93.6]
15–17	59	926	75.7% [57.7, 93.6]	79.5% [73.2, 85.7]	1,629	39,770	96.9% [95.8, 97.9]	94.1% [93.2, 94.9]
18+	--	--	--	--	304	6,782	92.5% [88.2, 96.8]	92.3% [90.5, 94.1]
Grade								
6th	459	12,188	95.7% [92.4, 98.9]	95.2% [94.4, 96.1]	--	--	--	--
7th	717	13,964	96.1% [94.6, 97.5]	94.8% [93.5, 96.0]	--	--	--	--
8th	676	15,148	93.2% [91.0, 95.4]	93.0% [91.7, 94.4]	--	--	--	--
9th	--	--	--	--	641	14,383	96.2% [95.0, 97.5]	90.8% [88.7, 92.9]
10th	--	--	--	--	631	14,214	96.4% [95.0, 97.8]	93.1% [91.6, 94.5]
11th	--	--	--	--	443	12,040	96.0% [93.6, 98.5]	95.0% [93.8, 96.2]
12th	--	--	--	--	526	13,056	96.3% [94.8, 97.8]	94.9% [94.0, 95.9]

Note: A student who thinks smoke from other people's cigarettes is harmful is defined by those that responded "Definitely yes" or "Probably yes."

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 32. Percentage of Middle and High School Students Who Report Exposure to Pro-Tobacco Messages and Advertising, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n†	N‡	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n†	N‡	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,839	41,334	93.6% [91.9, 95.2]	90.6% [89.2, 91.9]	2,240	53,555	95.0% [93.1, 96.9]	92.5% [90.8, 94.1]
Race								
White ^a	1,377	33,113	94.9% [93.4, 96.4]	94.3% [93.6, 95.0]	1,785	46,135	95.9% [94.1, 97.6]	95.7% [95.1, 96.4]
Black ^a	107	3,514	85.9% [78.7, 93.2]	86.7% [83.7, 89.8]	147	3,769	88.8% [83.6, 93.9]	86.6% [83.0, 90.1]
Hispanic	141	1,030	83.4% [74.3, 92.6]	86.2% [82.7, 89.6]	140	1,082	90.4% [85.2, 95.6]	87.5% [83.4, 91.6]
Other ^a	103	930	84.2% [75.4, 93.0]	86.7% [83.4, 90.0]	113	1,259	92.9% [86.3, 99.6]	92.5% [90.0, 95.0]
Gender								
Female	960	22,368	96.1% [95.0, 97.2]	93.1% [91.8, 94.3]	1,156	27,643	97.3% [95.8, 98.8]	94.8% [93.1, 96.6]
Male	879	18,966	90.6% [86.8, 94.3]	88.1% [86.4, 89.8]	1,083	25,891	92.5% [89.7, 95.3]	90.3% [88.3, 92.2]
Age								
9–14	1,780	40,373	93.8% [92.3, 95.4]	90.7% [89.3, 92.1]	305	7,083	93.3% [90.9, 95.7]	89.7% [86.4, 93.1]
15–17	57	899	86.5% [77.5, 95.5]	85.8% [80.7, 90.9]	1,628	39,666	95.3% [93.2, 97.4]	93.0% [91.5, 94.6]
18+	--	--	--	--	304	6,742	94.9% [91.4, 98.4]	92.2% [90.6, 93.9]
Grade								
6th	461	12,349	93.4% [90.3, 96.5]	89.5% [87.5, 91.5]	--	--	--	--
7th	713	13,886	93.7% [92.1, 95.2]	90.9% [89.2, 92.7]	--	--	--	--
8th	665	15,099	93.6% [91.1, 96.2]	91.2% [89.1, 93.3]	--	--	--	--
9th	--	--	--	--	641	14,364	93.7% [91.2, 96.2]	89.3% [85.9, 92.7]
10th	--	--	--	--	632	14,229	96.2% [93.5, 98.9]	91.8% [89.7, 93.9]
11th	--	--	--	--	441	11,909	94.4% [91.1, 97.6]	93.9% [92.3, 95.5]
12th	--	--	--	--	526	13,053	95.7% [93.9, 97.4]	95.1% [93.9, 96.4]

Note: Exposure to any pro-tobacco messages is defined as students who have seen ads for tobacco products when using the Internet; reading newspapers or magazines; in a convenience store, supermarket, or gas station; or at a festival, fair, parade, or concert.

† Sample population.

‡ Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 33. Percentage of Middle and High School Students Who Report Exposure to Pro-Tobacco Advertising on the Internet, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,819	40,812	72.4% [70.0, 74.8]	68.5% [66.8, 70.1]	2,226	53,237	79.4% [75.9, 82.8]	75.3% [73.3, 77.3]
Race								
White ^a	1,364	32,718	74.5% [71.8, 77.2]	71.0% [69.3, 72.7]	1,774	45,885	80.5% [76.7, 84.2]	79.3% [78.2, 80.4]
Black ^a	106	3,459	63.2% [53.5, 72.8]	66.0% [62.3, 69.7]	147	3,769	71.4% [61.0, 81.9]	69.4% [64.3, 74.5]
Hispanic	139	1,009	57.8% [47.2, 68.4]	67.0% [63.5, 70.6]	140	1,082	76.3% [67.7, 85.0]	69.4% [65.9, 73.0]
Other ^a	100	896	62.2% [49.9, 74.4]	66.0% [63.0, 69.0]	113	1,259	71.8% [65.3, 78.2]	73.4% [68.6, 78.3]
Gender								
Female	952	22,147	76.2% [72.8, 79.7]	73.3% [71.8, 74.8]	1,152	27,520	82.1% [79.0, 85.2]	79.7% [77.4, 82.0]
Male	867	18,665	67.8% [63.5, 72.0]	63.7% [61.4, 65.9]	1,073	25,695	76.4% [71.7, 81.1]	71.1% [69.0, 73.3]
Age								
9–14	1,760	39,851	72.9% [70.6, 75.2]	68.6% [66.9, 70.3]	304	7,047	79.7% [73.2, 86.2]	73.5% [70.1, 76.9]
15–17	57	899	52.4% [29.9, 74.8]	62.0% [54.3, 69.8]	1,616	39,420	79.5% [75.7, 83.3]	75.9% [73.7, 78.0]
18+	--	--	--	--	303	6,706	78.3% [73.1, 83.5]	74.6% [71.9, 77.2]
Grade								
6th	453	12,035	69.1% [64.4, 73.9]	63.6% [61.4, 65.7]	--	--	--	--
7th	707	13,797	72.1% [68.6, 75.7]	68.3% [65.9, 70.8]	--	--	--	--
8th	659	14,980	75.2% [71.9, 78.5]	73.0% [70.1, 76.0]	--	--	--	--
9th	--	--	--	--	636	14,253	78.2% [72.9, 83.5]	72.4% [69.6, 75.3]
10th	--	--	--	--	627	14,108	81.1% [76.0, 86.3]	73.7% [69.9, 77.5]
11th	--	--	--	--	439	11,862	77.6% [72.0, 83.2]	77.7% [75.1, 80.3]
12th	--	--	--	--	524	13,014	80.4% [75.3, 85.6]	77.8% [75.9, 79.7]

Note: Exposure to any pro-tobacco messages on the Internet is defined as students who responded "Most of the time," "Some of the time," or "Hardly ever."

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 34. Percentage of Middle and High School Students Who Report Exposure to Pro-Tobacco Advertising in Newspapers or Magazines, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,827	41,102	53.6% [49.8, 57.3]	54.2% [52.5, 56.0]	2,231	53,355	65.8% [62.8, 68.8]	65.8% [63.9, 67.7]
Race								
White ^a	1,370	32,953	54.7% [50.2, 59.1]	56.1% [54.5, 57.8]	1,778	45,999	67.0% [64.1, 69.8]	67.9% [66.4, 69.4]
Black ^a	106	3,489	51.3% [43.8, 58.8]	55.2% [51.3, 59.2]	147	3,769	58.0% [49.0, 67.1]	63.1% [59.7, 66.6]
Hispanic	140	1,010	44.6% [34.3, 54.8]	51.0% [46.9, 55.1]	139	1,073	56.5% [46.6, 66.5]	62.2% [58.6, 65.9]
Other ^a	101	915	45.8% [35.6, 56.0]	50.3% [46.4, 54.2]	113	1,259	59.1% [42.2, 76.0]	66.4% [63.1, 69.7]
Gender								
Female	956	22,315	58.5% [55.2, 61.8]	62.2% [60.3, 64.0]	1,153	27,604	70.3% [67.0, 73.7]	72.8% [70.7, 74.8]
Male	871	18,787	47.7% [41.3, 54.2]	46.4% [44.3, 48.5]	1,077	25,730	61.0% [57.2, 64.7]	59.1% [56.9, 61.4]
Age								
9–14	1,769	40,166	53.9% [50.4, 57.4]	54.4% [52.7, 56.1]	302	6,990	58.3% [51.8, 64.9]	60.9% [57.7, 64.2]
15–17	56	874	40.5% [23.3, 57.7]	46.0% [37.8, 54.2]	1,622	39,558	65.7% [62.8, 68.6]	66.2% [64.0, 68.3]
18+	--	--	--	--	304	6,742	74.7% [69.2, 80.1]	69.4% [66.5, 72.2]
Grade								
6th	454	12,204	47.5% [43.0, 52.0]	48.6% [46.0, 51.1]	--	--	--	--
7th	711	13,848	53.4% [47.9, 58.9]	54.7% [52.4, 57.1]	--	--	--	--
8th	662	15,050	58.7% [54.0, 63.3]	59.0% [56.4, 61.5]	--	--	--	--
9th	--	--	--	--	636	14,269	62.0% [56.0, 68.0]	61.2% [58.3, 64.1]
10th	--	--	--	--	629	14,178	62.2% [56.4, 68.0]	61.9% [58.8, 65.0]
11th	--	--	--	--	441	11,909	66.1% [62.2, 69.9]	70.0% [67.8, 72.2]
12th	--	--	--	--	525	12,999	73.7% [68.6, 78.8]	70.8% [69.1, 72.5]

Note: Exposure to any pro-tobacco messages in newspapers or magazines is defined as students who responded "All of the time," "Most of the time," "Some of the time," or "Hardly ever."

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 35. Percentage of Middle and High School Students Who Report Exposure to Pro-Tobacco Advertising in Retail Stores, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,819	40,907	88.7% [85.6, 91.7]	84.8% [83.0, 86.6]	2,229	53,315	89.8% [86.9, 92.7]	85.9% [83.6, 88.3]
Race								
White ^a	1,366	32,876	90.2% [87.1, 93.4]	90.3% [89.1, 91.5]	1,778	46,000	90.9% [88.5, 93.4]	90.8% [89.6, 91.9]
Black ^a	105	3,434	79.2% [68.2, 90.2]	77.7% [73.5, 81.8]	147	3,769	80.6% [72.7, 88.5]	79.3% [75.8, 82.7]
Hispanic	139	1,006	74.3% [63.1, 85.5]	78.2% [74.0, 82.4]	139	1,073	84.6% [79.0, 90.3]	77.7% [71.9, 83.4]
Other ^a	101	915	83.1% [76.1, 90.2]	80.3% [76.3, 84.3]	112	1,254	88.3% [77.7, 98.9]	84.5% [81.5, 87.6]
Gender								
Female	952	22,232	92.2% [90.6, 93.8]	88.4% [86.6, 90.2]	1,152	27,595	94.0% [91.4, 96.6]	89.7% [87.2, 92.1]
Male	867	18,676	84.5% [78.5, 90.4]	81.2% [79.0, 83.5]	1,076	25,698	85.3% [81.2, 89.4]	82.4% [79.7, 85.1]
Age								
9–14	1,761	39,971	89.0% [86.1, 91.8]	85.0% [83.2, 86.9]	302	6,991	89.5% [83.8, 95.1]	83.0% [79.1, 86.9]
15–17	56	874	79.0% [64.1, 94.0]	75.8% [69.1, 82.5]	1,621	39,554	89.6% [86.6, 92.6]	86.7% [84.5, 88.9]
18+	--	--	--	--	303	6,706	91.5% [87.4, 95.7]	85.1% [82.5, 87.7]
Grade								
6th	450	12,065	88.7% [84.6, 92.9]	83.9% [81.2, 86.6]	--	--	--	--
7th	709	13,809	89.3% [86.1, 92.5]	84.6% [82.1, 87.0]	--	--	--	--
8th	660	15,034	88.0% [83.8, 92.3]	85.9% [83.0, 88.7]	--	--	--	--
9th	--	--	--	--	636	14,270	88.8% [85.4, 92.3]	81.7% [77.7, 85.6]
10th	--	--	--	--	628	14,173	88.8% [84.1, 93.4]	84.8% [82.2, 87.4]
11th	--	--	--	--	440	11,872	89.9% [86.1, 93.7]	87.8% [84.9, 90.8]
12th	--	--	--	--	525	12,999	92.0% [89.6, 94.3]	89.9% [88.2, 91.5]

Note: Exposure to any pro-tobacco messages in convenience stores, supermarkets, or gas stations is defined as students who responded "All of the time," "Most of the time," "Some of the time," or "Hardly ever."

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
Northern Central Area**

Table 36. Percentage of Middle and High School Students Who Report Exposure to Pro-Tobacco Advertising at Festivals, Fairs, Parades, or Concerts, 2008 YTS

	Middle School				High School			
	Northern Central Area			State	Northern Central Area			State
	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]	n [†]	N [‡]	Estimate [‡] [95% CI]	Estimate [‡] [95% CI]
Total	1,816	40,895	73.3% [69.6, 76.9]	65.1% [63.4, 66.7]	2,231	53,364	80.8% [78.3, 83.4]	70.7% [68.1, 73.4]
Race								
White ^a	1,362	32,809	74.2% [69.4, 79.1]	68.6% [66.9, 70.3]	1,778	45,990	82.1% [79.5, 84.7]	75.5% [74.0, 77.1]
Black ^a	106	3,489	68.5% [59.1, 78.0]	60.0% [56.2, 63.8]	147	3,769	70.6% [61.8, 79.5]	61.7% [56.3, 67.1]
Hispanic	139	1,006	73.1% [63.9, 82.2]	63.5% [59.9, 67.0]	139	1,073	77.3% [70.9, 83.8]	66.2% [60.5, 71.8]
Other ^a	101	915	67.7% [57.1, 78.2]	59.1% [55.4, 62.9]	113	1,259	74.2% [66.5, 81.9]	68.9% [64.9, 72.9]
Gender								
Female	950	22,250	77.5% [73.0, 82.0]	69.5% [67.7, 71.3]	1,153	27,604	84.8% [82.0, 87.6]	75.0% [72.2, 77.9]
Male	866	18,645	68.2% [62.9, 73.5]	60.7% [58.5, 62.9]	1,077	25,739	76.6% [73.5, 79.7]	66.6% [63.6, 69.6]
Age								
9–14	1,758	39,958	73.5% [70.1, 77.0]	65.1% [63.4, 66.8]	304	7,054	72.8% [68.6, 77.0]	67.9% [64.4, 71.4]
15–17	56	874	64.1% [52.6, 75.6]	65.5% [58.9, 72.2]	1,621	39,540	81.9% [78.4, 85.3]	71.0% [68.0, 74.1]
18+	--	--	--	--	303	6,706	83.3% [78.8, 87.8]	71.7% [69.5, 73.8]
Grade								
6th	450	12,094	70.3% [62.0, 78.6]	61.7% [59.2, 64.2]	--	--	--	--
7th	707	13,780	74.0% [71.1, 76.8]	64.7% [62.4, 67.0]	--	--	--	--
8th	659	15,021	75.0% [70.5, 79.5]	68.6% [65.7, 71.5]	--	--	--	--
9th	--	--	--	--	637	14,279	78.4% [75.8, 81.1]	68.3% [64.5, 72.0]
10th	--	--	--	--	628	14,159	80.8% [76.2, 85.4]	68.8% [64.9, 72.7]
11th	--	--	--	--	440	11,872	79.5% [75.2, 83.8]	72.5% [69.2, 75.7]
12th	--	--	--	--	526	13,053	84.7% [81.3, 88.1]	73.8% [71.1, 76.6]

Note: Exposure to any pro-tobacco messages at festivals, fairs, parades, or concerts is defined as students who responded "All of the time," "Most of the time," "Some of the time," or "Hardly ever."

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.