

New York State Youth Tobacco Survey: 2008

New York City Area

**New York State Department of Health
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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.

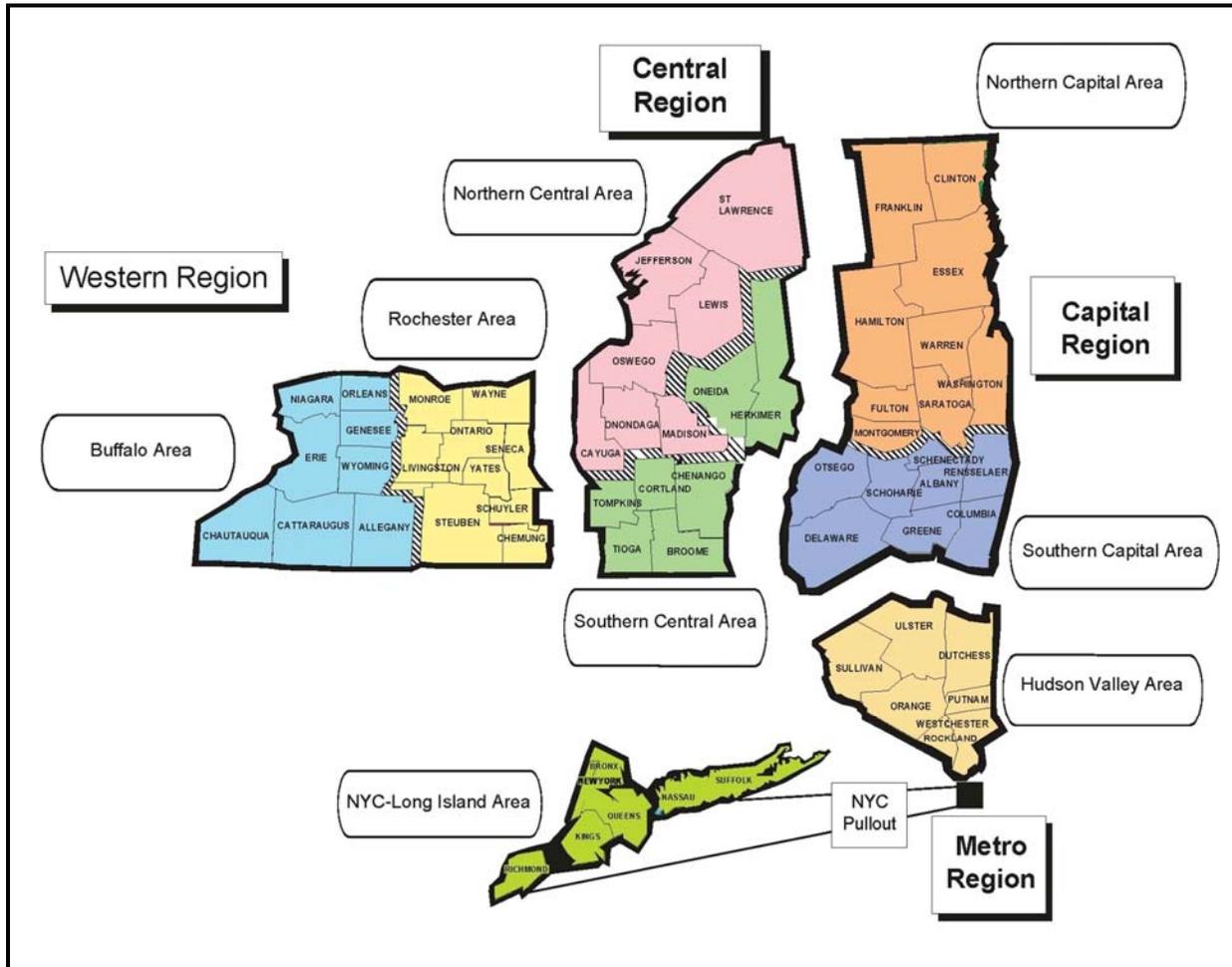
The focus of the 2008 NY YTS is on producing finer area estimates than previous NY YTS cycles. The design maintains the capacity to generate estimates for New York City, the rest of the state, and the state as a whole. However, the 2008 NY YTS also allows for estimates of the nine distinct areas that 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
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,180 | 278,734 | 3.2% [2.3, 4.0] | 3.5% [2.9, 4.0] | 2,707 | 369,356 | 11.5% [8.2, 14.9] | 14.7% [12.9, 16.4] |
| Race | | | | | | | | |
| White ^a | 601 | 46,848 | 4.1% [1.8, 6.5] | 2.9% [2.3, 3.4] | 814 | 73,406 | 24.5% [20.9, 28.1] | 17.7% [16.2, 19.2] |
| Black ^a | 637 | 78,928 | 2.1% [0.9, 3.2] | 3.9% [2.6, 5.2] | 673 | 108,712 | 4.2% [2.3, 6.1] | 6.8% [4.8, 8.9] |
| Hispanic | 1,338 | 104,526 | 3.5% [2.1, 5.0] | 4.6% [3.3, 5.8] | 846 | 124,476 | 10.4% [6.8, 13.9] | 13.2% [9.7, 16.6] |
| Other ^a | 387 | 25,493 | 4.1% [0.9, 7.4] | 4.3% [2.1, 6.4] | 286 | 46,079 | 13.7% [11.1, 16.4] | 14.6% [12.4, 16.8] |
| Gender | | | | | | | | |
| Female | 1,615 | 134,467 | 3.4% [2.3, 4.4] | 3.5% [2.9, 4.1] | 1,478 | 177,367 | 11.1% [6.9, 15.2] | 14.4% [12.3, 16.4] |
| Male | 1,564 | 144,185 | 3.0% [1.6, 4.4] | 3.3% [2.6, 4.0] | 1,229 | 191,989 | 12.0% [7.8, 16.1] | 14.9% [12.9, 17.0] |
| Age | | | | | | | | |
| 9–14 | 3,113 | 272,233 | 2.8% [2.0, 3.6] | 3.0% [2.6, 3.5] | 318 | 50,454 | 6.1% [2.4, 9.8] | 8.9% [6.9, 10.8] |
| 15–17 | 62 | 5,839 | 19.3% [7.4, 31.2] | 25.7% [18.9, 32.4] | 2,002 | 272,024 | 11.4% [7.6, 15.2] | 14.3% [12.5, 16.2] |
| 18+ | -- | -- | -- | -- | 381 | 44,789 | 19.1% [14.4, 23.7] | 23.6% [20.6, 26.6] |
| Grade | | | | | | | | |
| 6th | 872 | 86,590 | 1.8% [0.4, 3.2] | 1.7% [1.1, 2.3] | -- | -- | -- | -- |
| 7th | 1,226 | 97,173 | 2.8% [1.4, 4.3] | 2.5% [1.9, 3.2] | -- | -- | -- | -- |
| 8th | 1,082 | 94,971 | 4.8% [3.3, 6.3] | 6.1% [5.1, 7.1] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 561 | 97,676 | 8.2% [5.3, 11.1] | 10.8% [8.9, 12.6] |
| 10th | -- | -- | -- | -- | 702 | 107,232 | 11.3% [7.3, 15.3] | 12.6% [10.7, 14.5] |
| 11th | -- | -- | -- | -- | 751 | 91,313 | 10.9% [6.2, 15.6] | 14.9% [12.5, 17.4] |
| 12th | -- | -- | -- | -- | 693 | 73,135 | 17.2% [11.9, 22.5] | 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.

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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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 296 | 24,228 | 10.9 [10.6, 11.2] | 10.9 [10.7, 11.0] | 843 | 100,530 | 13.0 [12.6, 13.4] | 13.2 [13.0, 13.3] |
| Race | | | | | | | | |
| White ^a | 52 | 3,969 | 10.9 [10.2, 11.6] | 11.1 [10.9, 11.2] | 346 | 31,308 | 13.1 [12.3, 13.9] | 13.4 [13.3, 13.6] |
| Black ^a | 59 | 6,317 | 10.8 [10.2, 11.4] | 10.7 [10.3, 11.1] | 102 | 15,507 | 12.4 [12.0, 12.8] | 12.4 [12.2, 12.7] |
| Hispanic | 128 | 9,800 | 11.0 [10.5, 11.5] | 10.8 [10.5, 11.2] | 281 | 35,910 | 13.0 [12.5, 13.4] | 12.8 [12.5, 13.1] |
| Other ^a | ** | ** | ** | 10.5 [9.9, 11.0] | 86 | 13,863 | 13.5 [12.8, 14.3] | 13.2 [12.6, 13.8] |
| Gender | | | | | | | | |
| Female | 153 | 11,910 | 11.0 [10.6, 11.5] | 11.1 [10.8, 11.3] | 449 | 47,091 | 13.0 [12.6, 13.4] | 13.3 [13.1, 13.5] |
| Male | 143 | 12,318 | 10.7 [10.4, 11.1] | 10.7 [10.5, 10.9] | 394 | 53,439 | 12.9 [12.4, 13.4] | 13.1 [12.8, 13.3] |
| Age | | | | | | | | |
| 9–14 | 275 | 21,585 | 10.7 [10.5, 11.0] | 10.8 [10.6, 10.9] | ** | ** | ** | 11.5 [11.2, 11.8] |
| 15–17 | ** | ** | ** | 11.7 [11.2, 12.3] | 644 | 74,268 | 13.0 [12.7, 13.3] | 13.2 [13.1, 13.3] |
| 18+ | -- | -- | -- | -- | 153 | 17,801 | 13.5 [12.7, 14.3] | 13.9 [13.5, 14.2] |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 9.4 [9.2, 9.7] | -- | -- | -- | -- |
| 7th | 109 | 8,704 | 10.6 [10.1, 11.0] | 10.7 [10.4, 10.9] | -- | -- | -- | -- |
| 8th | 153 | 12,498 | 11.5 [11.0, 11.9] | 11.4 [11.1, 11.6] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 104 | 18,584 | 11.7 [11.4, 12.1] | 12.0 [11.8, 12.3] |
| 10th | -- | -- | -- | -- | 202 | 27,725 | 13.0 [12.4, 13.5] | 12.9 [12.6, 13.1] |
| 11th | -- | -- | -- | -- | 268 | 25,445 | 13.4 [13.0, 13.8] | 13.5 [13.3, 13.6] |
| 12th | -- | -- | -- | -- | 269 | 28,776 | 13.5 [12.8, 14.1] | 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,003 | 260,902 | 4.4% [3.2, 5.5] | 4.1% [3.5, 4.7] | 2,628 | 350,777 | 9.9% [7.3, 12.5] | 12.8% [11.5, 14.2] |
| Race | | | | | | | | |
| White ^a | 587 | 46,132 | 3.2% [1.1, 5.2] | 2.9% [2.3, 3.4] | 832 | 73,848 | 15.8% [9.6, 22.0] | 14.5% [13.1, 15.8] |
| Black ^a | 590 | 72,537 | 3.8% [2.1, 5.6] | 4.9% [3.6, 6.3] | 587 | 94,436 | 6.0% [4.1, 7.8] | 7.9% [6.2, 9.7] |
| Hispanic | 1,276 | 98,181 | 5.3% [3.5, 7.1] | 6.5% [5.0, 8.0] | 842 | 122,246 | 8.6% [6.3, 11.0] | 11.1% [8.7, 13.6] |
| Other ^a | 357 | 23,749 | 5.9% [1.7, 10.0] | 6.1% [3.4, 8.7] | 287 | 46,113 | 11.6% [7.1, 16.2] | 13.8% [10.2, 17.5] |
| Gender | | | | | | | | |
| Female | 1,555 | 128,800 | 3.4% [2.0, 4.7] | 2.9% [2.3, 3.5] | 1,450 | 172,113 | 6.0% [4.1, 7.9] | 7.2% [6.3, 8.2] |
| Male | 1,447 | 132,020 | 5.3% [3.8, 6.9] | 5.3% [4.5, 6.1] | 1,178 | 178,663 | 13.7% [9.6, 17.7] | 18.2% [16.1, 20.3] |
| Age | | | | | | | | |
| 9–14 | 2,942 | 255,258 | 4.1% [2.9, 5.2] | 3.8% [3.0, 4.4] | 306 | 48,083 | 10.2% [5.5, 14.8] | 9.7% [7.8, 11.7] |
| 15–17 | 57 | 5,181 | 16.2% [3.1, 29.3] | 19.4% [12.5, 26.2] | 1,953 | 258,181 | 9.1% [6.5, 11.7] | 12.4% [11.0, 13.8] |
| 18+ | -- | -- | -- | -- | 362 | 42,301 | 13.8% [9.5, 18.2] | 18.8% [16.2, 21.4] |
| Grade | | | | | | | | |
| 6th | 791 | 75,501 | 2.7% [0.8, 4.5] | 2.3% [1.6, 3.0] | -- | -- | -- | -- |
| 7th | 1,156 | 93,078 | 4.9% [3.5, 6.4] | 3.7% [2.9, 4.4] | -- | -- | -- | -- |
| 8th | 1,056 | 92,322 | 5.1% [3.0, 7.3] | 6.2% [5.0, 7.4] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 537 | 92,539 | 11.6% [8.4, 14.8] | 11.0% [9.5, 12.6] |
| 10th | -- | -- | -- | -- | 658 | 98,060 | 8.7% [5.6, 11.9] | 10.9% [9.4, 12.4] |
| 11th | -- | -- | -- | -- | 760 | 89,930 | 8.0% [5.5, 10.5] | 12.8% [10.9, 14.6] |
| 12th | -- | -- | -- | -- | 673 | 70,247 | 11.7% [8.0, 15.4] | 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.

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Table 4. Current Use of Cigars among Middle and High School Students, 2008 YTS

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,109 | 270,562 | 2.8% [2.0, 3.7] | 2.7% [2.3, 3.1] | 2,656 | 356,000 | 6.7% [4.6, 8.8] | 9.1% [8.1, 10.1] |
| Race | | | | | | | | |
| White ^a | 605 | 47,296 | 2.2% [0.5, 3.8] | 1.7% [1.4, 2.1] | 840 | 75,881 | 12.1% [5.7, 18.5] | 10.5% [9.3, 11.7] |
| Black ^a | 605 | 74,604 | 2.7% [1.1, 4.3] | 3.4% [2.2, 4.5] | 593 | 95,473 | 4.2% [2.6, 5.8] | 5.5% [4.1, 7.0] |
| Hispanic | 1,317 | 102,174 | 3.2% [2.0, 4.4] | 4.3% [3.2, 5.3] | 850 | 123,599 | 5.8% [4.1, 7.4] | 7.8% [6.1, 9.5] |
| Other ^a | 370 | 24,291 | 3.9% [0.7, 7.1] | 4.3% [2.2, 6.4] | 292 | 46,928 | 5.7% [2.7, 8.6] | 8.5% [5.6, 11.5] |
| Gender | | | | | | | | |
| Female | 1,605 | 132,837 | 2.1% [1.1, 3.0] | 1.6% [1.2, 2.0] | 1,467 | 174,605 | 3.7% [2.7, 4.6] | 4.8% [4.2, 5.4] |
| Male | 1,503 | 137,643 | 3.5% [2.2, 4.9] | 3.6% [2.9, 4.3] | 1,188 | 181,202 | 9.6% [6.3, 12.9] | 13.2% [11.6, 14.8] |
| Age | | | | | | | | |
| 9–14 | 3,046 | 264,586 | 2.6% [1.9, 3.4] | 2.5% [2.1, 2.9] | 316 | 49,257 | 6.6% [3.4, 9.7] | 6.8% [5.4, 8.1] |
| 15–17 | 59 | 5,513 | 9.9% [-2.8, 22.6] | 13.1% [6.9, 19.4] | 1,963 | 260,977 | 5.8% [3.5, 8.1] | 8.5% [7.4, 9.7] |
| 18+ | -- | -- | -- | -- | 370 | 43,554 | 11.3% [6.4, 16.1] | 15.1% [12.5, 17.7] |
| Grade | | | | | | | | |
| 6th | 825 | 79,184 | 1.8% [0.3, 3.3] | 1.4% [0.9, 2.0] | -- | -- | -- | -- |
| 7th | 1,198 | 96,315 | 3.1% [1.8, 4.4] | 2.3% [1.7, 2.9] | -- | -- | -- | -- |
| 8th | 1,086 | 95,063 | 3.4% [1.9, 4.9] | 4.2% [3.4, 5.0] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 548 | 94,200 | 8.2% [6.3, 10.1] | 7.7% [6.6, 8.8] |
| 10th | -- | -- | -- | -- | 668 | 100,049 | 5.4% [2.1, 8.7] | 7.4% [5.9, 8.9] |
| 11th | -- | -- | -- | -- | 757 | 90,063 | 4.5% [2.5, 6.5] | 8.5% [7.2, 9.9] |
| 12th | -- | -- | -- | -- | 683 | 71,687 | 9.3% [5.6, 13.1] | 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,100 | 268,800 | 1.5% [0.9, 2.1] | 1.8% [1.5, 2.1] | 2,655 | 354,748 | 2.8% [1.9, 3.7] | 4.7% [4.0, 5.4] |
| Race | | | | | | | | |
| White ^a | 599 | 46,988 | 1.4% [0.1, 2.6] | 1.4% [1.1, 1.7] | 837 | 74,538 | 3.9% [1.3, 6.5] | 5.3% [4.5, 6.1] |
| Black ^a | 608 | 74,380 | 0.9% [0.1, 1.8] | 2.1% [1.2, 3.1] | 598 | 96,070 | 2.0% [1.3, 2.6] | 3.2% [2.3, 4.1] |
| Hispanic | 1,315 | 101,908 | 2.0% [0.9, 3.1] | 2.7% [1.7, 3.6] | 853 | 123,956 | 3.0% [1.5, 4.5] | 4.3% [2.9, 5.7] |
| Other ^a | 373 | 24,558 | 2.6% [-0.4, 5.5] | 3.0% [1.0, 4.9] | 284 | 45,310 | 2.2% [0.5, 3.9] | 4.4% [2.5, 6.3] |
| Gender | | | | | | | | |
| Female | 1,597 | 132,287 | 1.0% [0.3, 1.6] | 1.1% [0.7, 1.4] | 1,466 | 173,591 | 1.5% [0.2, 2.8] | 1.8% [1.2, 2.3] |
| Male | 1,502 | 136,432 | 2.1% [1.2, 3.0] | 2.6% [2.1, 3.0] | 1,189 | 181,157 | 4.0% [2.6, 5.4] | 7.5% [6.3, 8.8] |
| Age | | | | | | | | |
| 9–14 | 3,037 | 262,724 | 1.4% [0.8, 2.0] | 1.7% [1.4, 2.0] | 308 | 48,360 | 2.4% [0.1, 4.7] | 3.8% [2.8, 4.9] |
| 15–17 | 58 | 5,346 | 5.0% [-4.8, 14.8] | 8.5% [3.4, 13.5] | 1,971 | 261,066 | 2.6% [1.7, 3.5] | 4.6% [3.8, 5.3] |
| 18+ | -- | -- | -- | -- | 369 | 43,112 | 3.4% [1.2, 5.5] | 6.1% [4.7, 7.6] |
| Grade | | | | | | | | |
| 6th | 822 | 78,341 | 1.7% [0.3, 3.1] | 1.4% [0.9, 2.0] | -- | -- | -- | -- |
| 7th | 1,205 | 96,293 | 1.3% [0.6, 2.0] | 1.4% [1.0, 1.7] | -- | -- | -- | -- |
| 8th | 1,073 | 94,165 | 1.6% [0.8, 2.4] | 2.6% [2.1, 3.2] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 545 | 93,661 | 3.2% [1.7, 4.7] | 4.5% [3.6, 5.4] |
| 10th | -- | -- | -- | -- | 665 | 99,733 | 3.1% [1.5, 4.8] | 4.1% [3.2, 4.9] |
| 11th | -- | -- | -- | -- | 768 | 90,834 | 2.2% [0.9, 3.4] | 4.8% [3.7, 5.8] |
| 12th | -- | -- | -- | -- | 677 | 70,520 | 2.6% [1.3, 3.8] | 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.

**New York State Youth Tobacco Survey: 2008
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,096 | 269,266 | 1.5% [0.8, 2.1] | 1.5% [1.2, 1.8] | 2,649 | 353,377 | 3.6% [2.6, 4.6] | 3.8% [3.3, 4.4] |
| Race | | | | | | | | |
| White ^a | 601 | 47,119 | 1.5% [0.3, 2.7] | 1.0% [0.7, 1.2] | 841 | 75,562 | 4.3% [0.8, 7.9] | 3.4% [2.7, 4.0] |
| Black ^a | 606 | 74,544 | 0.9% [0.2, 1.7] | 1.6% [1.0, 2.3] | 591 | 94,631 | 2.3% [1.5, 3.2] | 3.3% [2.4, 4.2] |
| Hispanic | 1,312 | 101,456 | 1.8% [0.9, 2.7] | 2.7% [1.9, 3.5] | 848 | 122,787 | 3.4% [1.2, 5.5] | 4.6% [2.8, 6.4] |
| Other ^a | 372 | 24,652 | 2.7% [-0.1, 5.5] | 3.0% [1.1, 4.8] | 288 | 46,062 | 5.6% [2.9, 8.3] | 6.5% [4.3, 8.6] |
| Gender | | | | | | | | |
| Female | 1,597 | 132,315 | 1.2% [0.4, 2.1] | 1.1% [0.7, 1.4] | 1,466 | 173,584 | 2.1% [1.2, 3.0] | 2.3% [1.8, 2.7] |
| Male | 1,498 | 136,869 | 1.7% [0.9, 2.5] | 1.9% [1.5, 2.3] | 1,182 | 179,600 | 5.0% [3.4, 6.6] | 5.3% [4.5, 6.2] |
| Age | | | | | | | | |
| 9–14 | 3,034 | 263,492 | 1.3% [0.7, 1.9] | 1.4% [1.1, 1.7] | 308 | 47,952 | 3.2% [0.7, 5.6] | 3.6% [2.5, 4.7] |
| 15–17 | 58 | 5,311 | 6.4% [-3.8, 16.6] | 8.2% [3.0, 13.4] | 1,967 | 260,359 | 3.1% [2.3, 3.9] | 3.5% [3.1, 4.0] |
| 18+ | -- | -- | -- | -- | 368 | 43,026 | 6.3% [2.0, 10.5] | 5.9% [4.0, 7.7] |
| Grade | | | | | | | | |
| 6th | 818 | 78,546 | 1.3% [0.0, 2.5] | 1.1% [0.6, 1.5] | -- | -- | -- | -- |
| 7th | 1,198 | 96,247 | 1.3% [0.6, 2.1] | 1.2% [0.8, 1.6] | -- | -- | -- | -- |
| 8th | 1,080 | 94,472 | 1.7% [0.5, 3.0] | 2.3% [1.7, 2.9] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 538 | 92,423 | 3.3% [2.0, 4.6] | 3.5% [2.8, 4.2] |
| 10th | -- | -- | -- | -- | 666 | 99,446 | 3.3% [1.5, 5.2] | 3.6% [2.8, 4.4] |
| 11th | -- | -- | -- | -- | 761 | 90,039 | 3.1% [1.6, 4.7] | 3.7% [2.8, 4.6] |
| 12th | -- | -- | -- | -- | 684 | 71,469 | 4.8% [2.1, 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
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,056 | 265,378 | 1.6% [0.9, 2.4] | 1.5% [1.1, 1.8] | 2,649 | 353,603 | 7.0% [4.6, 9.4] | 6.5% [5.3, 7.7] |
| Race | | | | | | | | |
| White ^a | 595 | 46,702 | 1.8% [0.4, 3.2] | 0.8% [0.6, 1.1] | 841 | 75,528 | 16.5% [14.1, 18.9] | 6.9% [5.5, 8.3] |
| Black ^a | 594 | 72,712 | 1.0% [-0.2, 2.1] | 1.6% [0.7, 2.6] | 589 | 94,250 | 2.8% [1.5, 4.1] | 3.9% [2.6, 5.2] |
| Hispanic | 1,298 | 100,222 | 2.0% [0.9, 3.0] | 2.7% [1.8, 3.7] | 846 | 122,586 | 4.7% [2.2, 7.2] | 6.2% [3.9, 8.6] |
| Other ^a | 364 | 24,286 | 3.3% [0.3, 6.3] | 3.3% [1.4, 5.2] | 291 | 46,747 | 7.1% [3.6, 10.5] | 9.6% [6.2, 13.0] |
| Gender | | | | | | | | |
| Female | 1,577 | 130,488 | 1.5% [0.7, 2.4] | 1.1% [0.7, 1.4] | 1,468 | 174,427 | 5.5% [3.2, 7.8] | 4.7% [3.6, 5.8] |
| Male | 1,478 | 134,808 | 1.7% [0.8, 2.6] | 1.8% [1.3, 2.2] | 1,181 | 179,176 | 8.5% [5.5, 11.5] | 8.2% [6.7, 9.6] |
| Age | | | | | | | | |
| 9–14 | 2,997 | 260,200 | 1.6% [0.9, 2.3] | 1.4% [1.1, 1.7] | 310 | 48,146 | 4.2% [1.5, 6.9] | 4.7% [3.4, 6.1] |
| 15–17 | 55 | 4,715 | 1.5% [-1.5, 4.6] | 6.6% [3.1, 10.1] | 1,964 | 260,360 | 7.0% [4.3, 9.6] | 6.2% [4.9, 7.5] |
| 18+ | -- | -- | -- | -- | 370 | 43,411 | 10.6% [7.0, 14.2] | 10.2% [8.1, 12.3] |
| Grade | | | | | | | | |
| 6th | 807 | 77,482 | 1.6% [0.2, 3.1] | 1.1% [0.6, 1.6] | -- | -- | -- | -- |
| 7th | 1,184 | 95,165 | 1.4% [0.5, 2.2] | 1.1% [0.7, 1.5] | -- | -- | -- | -- |
| 8th | 1,065 | 92,731 | 1.9% [0.8, 3.1] | 2.2% [1.6, 2.8] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 539 | 92,403 | 5.3% [3.7, 6.9] | 4.9% [3.8, 6.0] |
| 10th | -- | -- | -- | -- | 666 | 100,114 | 7.0% [3.7, 10.3] | 5.9% [4.5, 7.3] |
| 11th | -- | -- | -- | -- | 760 | 89,379 | 5.7% [3.0, 8.4] | 5.6% [4.4, 6.9] |
| 12th | -- | -- | -- | -- | 684 | 71,707 | 10.7% [7.1, 14.3] | 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
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,044 | 264,426 | 1.8% [1.1, 2.4] | 1.5% [1.2, 1.8] | 2,638 | 351,770 | 2.7% [1.9, 3.5] | 2.6% [2.2, 3.1] |
| Race | | | | | | | | |
| White ^a | 592 | 46,562 | 0.7% [0.1, 1.3] | 0.8% [0.6, 1.0] | 838 | 74,442 | 2.6% [1.3, 3.8] | 1.9% [1.5, 2.3] |
| Black ^a | 592 | 72,220 | 1.5% [0.4, 2.6] | 2.0% [1.2, 2.9] | 589 | 94,864 | 2.2% [1.4, 3.0] | 2.8% [2.0, 3.6] |
| Hispanic | 1,300 | 100,238 | 2.6% [1.4, 3.7] | 3.0% [2.0, 3.9] | 843 | 122,375 | 2.5% [1.4, 3.5] | 3.8% [2.6, 4.9] |
| Other ^a | 361 | 24,118 | 2.8% [0.0, 5.6] | 2.8% [0.9, 4.6] | 286 | 45,487 | 4.6% [2.0, 7.1] | 5.6% [3.5, 7.6] |
| Gender | | | | | | | | |
| Female | 1,573 | 130,363 | 1.5% [0.6, 2.3] | 1.1% [0.7, 1.5] | 1,456 | 171,943 | 1.3% [0.6, 2.1] | 1.5% [1.2, 1.9] |
| Male | 1,470 | 133,981 | 2.0% [1.2, 2.9] | 1.8% [1.4, 2.2] | 1,181 | 179,634 | 4.0% [2.6, 5.3] | 3.7% [3.1, 4.3] |
| Age | | | | | | | | |
| 9–14 | 2,982 | 258,703 | 1.5% [0.9, 2.1] | 1.3% [1.1, 1.6] | 305 | 47,085 | 2.2% [0.2, 4.3] | 2.8% [1.8, 3.8] |
| 15–17 | 58 | 5,259 | 10.6% [0.2, 21.1] | 10.3% [4.7, 16.0] | 1,960 | 259,815 | 2.6% [1.8, 3.5] | 2.5% [2.1, 2.9] |
| 18+ | -- | -- | -- | -- | 366 | 42,659 | 3.2% [0.7, 5.7] | 3.5% [2.3, 4.7] |
| Grade | | | | | | | | |
| 6th | 803 | 76,851 | 1.6% [0.2, 2.9] | 1.1% [0.6, 1.6] | -- | -- | -- | -- |
| 7th | 1,177 | 94,677 | 2.1% [1.2, 3.1] | 1.4% [0.9, 1.9] | -- | -- | -- | -- |
| 8th | 1,064 | 92,897 | 1.5% [0.6, 2.5] | 2.0% [1.5, 2.6] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 533 | 90,934 | 3.2% [1.2, 5.2] | 2.8% [2.0, 3.7] |
| 10th | -- | -- | -- | -- | 664 | 99,106 | 3.7% [2.1, 5.3] | 2.9% [2.2, 3.6] |
| 11th | -- | -- | -- | -- | 760 | 90,208 | 1.0% [0.3, 1.7] | 1.8% [1.2, 2.3] |
| 12th | -- | -- | -- | -- | 681 | 71,522 | 2.8% [0.9, 4.7] | 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
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,038 | 264,465 | 1.4% [0.7, 2.0] | 1.2% [0.9, 1.5] | 2,636 | 350,793 | 2.7% [2.0, 3.5] | 3.1% [2.6, 3.5] |
| Race | | | | | | | | |
| White ^a | 591 | 46,664 | 1.0% [0.1, 2.0] | 0.6% [0.5, 0.8] | 838 | 74,019 | 4.2% [2.3, 6.2] | 2.8% [2.3, 3.2] |
| Black ^a | 592 | 72,467 | 0.8% [-0.2, 1.7] | 1.3% [0.5, 2.1] | 587 | 94,438 | 1.4% [0.6, 2.3] | 2.3% [1.5, 3.2] |
| Hispanic | 1,297 | 100,102 | 2.0% [0.8, 3.2] | 2.6% [1.6, 3.5] | 844 | 122,591 | 3.2% [1.8, 4.7] | 4.3% [2.9, 5.6] |
| Other ^a | 360 | 24,108 | 2.4% [-0.3, 5.0] | 2.3% [0.6, 4.1] | 284 | 44,803 | 1.8% [0.0, 3.7] | 3.9% [1.9, 5.9] |
| Gender | | | | | | | | |
| Female | 1,566 | 129,875 | 1.1% [0.4, 1.9] | 0.9% [0.6, 1.2] | 1,452 | 171,710 | 1.9% [0.8, 2.9] | 2.0% [1.5, 2.5] |
| Male | 1,471 | 134,507 | 1.6% [0.7, 2.5] | 1.5% [1.0, 1.9] | 1,182 | 178,594 | 3.6% [2.4, 4.8] | 4.1% [3.4, 4.7] |
| Age | | | | | | | | |
| 9–14 | 2,978 | 258,971 | 1.2% [0.6, 1.9] | 1.1% [0.8, 1.4] | 308 | 47,728 | 2.6% [-0.6, 5.7] | 3.2% [1.8, 4.6] |
| 15–17 | 56 | 5,031 | 6.5% [-3.8, 16.7] | 8.0% [2.6, 13.4] | 1,955 | 258,525 | 2.2% [1.6, 2.9] | 2.7% [2.3, 3.1] |
| 18+ | -- | -- | -- | -- | 365 | 42,033 | 5.0% [3.1, 6.9] | 4.7% [3.8, 5.7] |
| Grade | | | | | | | | |
| 6th | 803 | 76,853 | 1.7% [0.1, 3.2] | 1.0% [0.4, 1.5] | -- | -- | -- | -- |
| 7th | 1,174 | 94,642 | 1.2% [0.5, 2.0] | 0.9% [0.5, 1.3] | -- | -- | -- | -- |
| 8th | 1,061 | 92,970 | 1.2% [0.3, 2.1] | 1.7% [1.2, 2.2] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 533 | 90,818 | 2.7% [1.4, 3.9] | 2.9% [2.2, 3.5] |
| 10th | -- | -- | -- | -- | 665 | 98,986 | 2.9% [1.2, 4.7] | 2.8% [2.1, 3.6] |
| 11th | -- | -- | -- | -- | 760 | 90,273 | 1.4% [0.5, 2.4] | 2.3% [1.6, 3.0] |
| 12th | -- | -- | -- | -- | 678 | 70,715 | 4.3% [2.3, 6.2] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 231 | 18,947 | 62.4% [54.7, 70.0] | 66.4% [62.4, 70.4] | 502 | 61,003 | 52.1% [45.5, 58.7] | 60.1% [57.0, 63.1] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 70.6% [65.8, 75.5] | 231 | 21,210 | 47.8% [40.0, 55.6] | 61.1% [58.0, 64.2] |
| Black ^a | ** | ** | ** | 62.1% [47.2, 77.0] | ** | ** | ** | 63.6% [52.2, 75.1] |
| Hispanic | 108 | 8,400 | 62.6% [52.9, 72.2] | 64.7% [57.8, 71.6] | 156 | 20,475 | 54.8% [46.7, 62.9] | 58.1% [52.7, 63.4] |
| Other ^a | ** | ** | ** | 66.5% [52.9, 80.2] | 57 | 10,100 | 47.4% [32.7, 62.1] | 51.1% [40.7, 61.6] |
| Gender | | | | | | | | |
| Female | 115 | 8,559 | 71.2% [60.2, 82.2] | 72.1% [66.5, 77.6] | 252 | 26,796 | 58.1% [53.0, 63.2] | 68.1% [64.9, 71.3] |
| Male | 116 | 10,388 | 55.1% [44.3, 65.9] | 61.3% [55.6, 67.0] | 250 | 34,207 | 47.4% [39.7, 55.1] | 53.3% [49.4, 57.2] |
| Age | | | | | | | | |
| 9–14 | 215 | 17,027 | 61.3% [54.0, 68.5] | 65.6% [61.8, 69.4] | ** | ** | ** | 65.2% [55.0, 75.4] |
| 15–17 | ** | ** | ** | 73.9% [58.5, 89.3] | 375 | 43,275 | 59.3% [51.6, 67.0] | 67.1% [63.9, 70.4] |
| 18+ | -- | -- | -- | -- | 88 | 11,285 | 28.9% [20.6, 37.3] | 29.0% [24.3, 33.7] |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 54.7% [43.6, 65.8] | -- | -- | -- | -- |
| 7th | 84 | 6,267 | 53.3% [40.6, 66.1] | 61.0% [53.0, 69.1] | -- | -- | -- | -- |
| 8th | 112 | 9,195 | 75.9% [66.6, 85.3] | 72.8% [68.4, 77.3] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 81 | 14,706 | 56.9% [45.2, 68.6] | 69.3% [62.8, 75.8] |
| 10th | -- | -- | -- | -- | 115 | 16,167 | 61.2% [48.6, 73.8] | 69.3% [63.8, 74.8] |
| 11th | -- | -- | -- | -- | 160 | 14,396 | 57.1% [46.3, 68.0] | 64.5% [59.7, 69.3] |
| 12th | -- | -- | -- | -- | 146 | 15,734 | 33.7% [24.9, 42.6] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 231 | 18,947 | 14.2% [8.4, 20.0] | 10.4% [7.2, 13.7] | 502 | 61,003 | 34.1% [29.2, 38.9] | 27.6% [25.2, 30.0] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 7.1% [3.1, 11.2] | 231 | 21,210 | 44.7% [38.3, 51.0] | 29.0% [25.9, 32.1] |
| Black ^a | ** | ** | ** | 14.8% [4.8, 24.7] | ** | ** | ** | 19.2% [12.6, 25.7] |
| Hispanic | 108 | 8,400 | 12.1% [4.4, 19.7] | 11.2% [5.9, 16.5] | 156 | 20,475 | 26.7% [20.4, 32.9] | 25.1% [20.8, 29.5] |
| Other ^a | ** | ** | ** | 12.1% [4.6, 19.6] | 57 | 10,100 | 35.8% [21.3, 50.3] | 33.2% [22.5, 43.8] |
| Gender | | | | | | | | |
| Female | 115 | 8,559 | 8.3% [2.7, 13.8] | 6.6% [3.6, 9.5] | 252 | 26,796 | 28.8% [23.3, 34.3] | 21.8% [18.9, 24.8] |
| Male | 116 | 10,388 | 19.1% [9.1, 29.0] | 13.9% [8.5, 19.2] | 250 | 34,207 | 38.2% [32.2, 44.1] | 32.4% [29.3, 35.5] |
| Age | | | | | | | | |
| 9–14 | 215 | 17,027 | 14.1% [8.8, 19.4] | 10.2% [7.2, 13.2] | ** | ** | ** | 20.0% [7.5, 32.6] |
| 15–17 | ** | ** | ** | 13.4% [3.7, 23.2] | 375 | 43,275 | 28.3% [22.8, 33.7] | 20.4% [17.8, 23.0] |
| 18+ | -- | -- | -- | -- | 88 | 11,285 | 57.4% [41.9, 72.9] | 61.5% [54.3, 68.6] |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 12.2% [3.9, 20.6] | -- | -- | -- | -- |
| 7th | 84 | 6,267 | 16.7% [4.5, 28.9] | 10.6% [3.8, 17.4] | -- | -- | -- | -- |
| 8th | 112 | 9,195 | 12.4% [6.0, 18.8] | 9.8% [6.1, 13.5] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 81 | 14,706 | 26.8% [16.1, 37.6] | 16.0% [10.2, 21.7] |
| 10th | -- | -- | -- | -- | 115 | 16,167 | 20.9% [12.5, 29.3] | 16.5% [12.8, 20.1] |
| 11th | -- | -- | -- | -- | 160 | 14,396 | 30.7% [22.1, 39.3] | 23.1% [18.9, 27.4] |
| 12th | -- | -- | -- | -- | 146 | 15,734 | 57.4% [47.0, 67.7] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 150 | 12,645 | 5.5% [1.1, 9.9] | 16.9% [12.5, 21.3] | 338 | 39,691 | 9.8% [4.5, 15.0] | 35.1% [30.0, 40.2] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 25.6% [18.4, 32.8] | 161 | 14,089 | 12.8% [5.5, 20.1] | 45.3% [40.3, 50.4] |
| Black ^a | ** | ** | ** | 21.6% [10.3, 32.9] | ** | ** | ** | 24.8% [15.7, 33.9] |
| Hispanic | 71 | 5,792 | 4.9% [-0.2, 10.1] | 8.7% [4.0, 13.3] | 100 | 13,255 | 4.1% [-0.4, 8.6] | 16.0% [9.1, 23.0] |
| Other ^a | ** | ** | ** | 10.0% [2.7, 17.3] | ** | ** | ** | 13.9% [7.8, 19.9] |
| Gender | | | | | | | | |
| Female | 73 | 5,283 | 4.2% [0.0, 8.5] | 17.7% [11.3, 24.1] | 156 | 15,513 | 8.6% [2.7, 14.6] | 38.9% [31.8, 46.0] |
| Male | 77 | 7,362 | 6.4% [0.5, 12.4] | 16.5% [11.1, 21.9] | 182 | 24,178 | 10.5% [2.4, 18.5] | 32.4% [27.0, 37.7] |
| Age | | | | | | | | |
| 9–14 | 139 | 11,161 | 6.2% [1.4, 11.1] | 16.5% [12.0, 21.1] | ** | ** | ** | 20.9% [12.0, 29.8] |
| 15–17 | ** | ** | ** | 22.2% [13.6, 30.8] | 242 | 27,113 | 10.2% [3.7, 16.7] | 35.3% [29.9, 40.7] |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | 6.9% [1.1, 12.7] | 40.3% [31.5, 49.1] |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 15.2% [5.1, 25.4] | -- | -- | -- | -- |
| 7th | 55 | 4,341 | 9.1% [-0.6, 18.9] | 15.2% [7.1, 23.2] | -- | -- | -- | -- |
| 8th | 67 | 5,577 | 1.8% [-0.6, 4.1] | 18.4% [13.7, 23.1] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | 22.7% [15.6, 29.8] |
| 10th | -- | -- | -- | -- | 73 | 10,493 | 7.7% [-0.1, 15.4] | 27.8% [22.4, 33.3] |
| 11th | -- | -- | -- | -- | 107 | 8,954 | 13.6% [3.9, 23.3] | 40.1% [33.1, 47.1] |
| 12th | -- | -- | -- | -- | 110 | 11,494 | 9.6% [4.1, 15.1] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 150 | 12,645 | 14.4% [7.7, 21.1] | 12.5% [8.4, 16.5] | 338 | 39,691 | 31.0% [23.5, 38.6] | 21.0% [17.9, 24.2] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 8.3% [3.4, 13.3] | 161 | 14,089 | 51.5% [46.7, 56.2] | 22.7% [18.8, 26.7] |
| Black ^a | ** | ** | ** | 16.8% [7.8, 25.7] | ** | ** | ** | 12.9% [6.7, 19.1] |
| Hispanic | 71 | 5,792 | 14.3% [3.3, 25.3] | 14.9% [7.0, 22.8] | 100 | 13,255 | 19.1% [11.0, 27.1] | 18.2% [13.0, 23.4] |
| Other ^a | ** | ** | ** | 9.9% [0.1, 19.7] | ** | ** | ** | 22.2% [6.2, 38.1] |
| Gender | | | | | | | | |
| Female | 73 | 5,283 | 7.4% [1.8, 13.0] | 10.1% [5.8, 14.3] | 156 | 15,513 | 37.0% [24.4, 49.6] | 21.8% [17.1, 26.5] |
| Male | 77 | 7,362 | 19.4% [8.9, 29.9] | 14.5% [8.8, 20.2] | 182 | 24,178 | 27.2% [18.8, 35.6] | 20.5% [16.6, 24.4] |
| Age | | | | | | | | |
| 9–14 | 139 | 11,161 | 15.5% [8.2, 22.8] | 12.8% [8.4, 17.1] | ** | ** | ** | 27.5% [18.9, 36.1] |
| 15–17 | ** | ** | ** | 11.9% [3.1, 20.6] | 242 | 27,113 | 29.1% [20.0, 38.1] | 18.7% [15.0, 22.4] |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | 34.3% [21.7, 46.9] | 26.4% [21.0, 31.8] |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 11.8% [0.7, 22.8] | -- | -- | -- | -- |
| 7th | 55 | 4,341 | 12.2% [1.7, 22.7] | 9.1% [3.3, 15.0] | -- | -- | -- | -- |
| 8th | 67 | 5,577 | 14.7% [5.7, 23.7] | 14.5% [8.9, 20.1] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | 20.0% [15.3, 24.7] |
| 10th | -- | -- | -- | -- | 73 | 10,493 | 22.7% [8.5, 36.8] | 19.2% [13.6, 24.8] |
| 11th | -- | -- | -- | -- | 107 | 8,954 | 32.2% [17.7, 46.7] | 18.6% [12.8, 24.4] |
| 12th | -- | -- | -- | -- | 110 | 11,494 | 39.0% [26.2, 51.8] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 150 | 12,645 | 25.7% [16.6, 34.9] | 12.7% [8.3, 17.1] | 338 | 39,691 | 21.0% [12.0, 29.9] | 9.5% [6.0, 12.9] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 4.9% [0.8, 9.0] | 161 | 14,089 | 12.1% [6.8, 17.4] | 4.8% [3.4, 6.2] |
| Black ^a | ** | ** | ** | 6.9% [1.0, 12.8] | ** | ** | ** | 8.7% [3.1, 14.4] |
| Hispanic | 71 | 5,792 | 34.8% [21.8, 47.8] | 23.7% [15.0, 32.5] | 100 | 13,255 | 33.6% [16.9, 50.4] | 23.0% [10.1, 35.9] |
| Other ^a | ** | ** | ** | 6.5% [-1.3, 14.2] | ** | ** | ** | 17.7% [5.1, 30.3] |
| Gender | | | | | | | | |
| Female | 73 | 5,283 | 22.8% [9.7, 35.9] | 10.6% [4.5, 16.6] | 156 | 15,513 | 16.9% [3.8, 30.0] | 6.8% [1.9, 11.7] |
| Male | 77 | 7,362 | 27.8% [15.5, 40.1] | 14.5% [8.2, 20.7] | 182 | 24,178 | 23.6% [12.3, 34.8] | 11.4% [7.7, 15.2] |
| Age | | | | | | | | |
| 9–14 | 139 | 11,161 | 25.2% [15.4, 35.1] | 12.5% [7.9, 17.2] | ** | ** | ** | 5.4% [-0.4, 11.3] |
| 15–17 | ** | ** | ** | 15.5% [0.7, 30.3] | 242 | 27,113 | 21.3% [11.4, 31.1] | 9.4% [5.8, 12.9] |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | 25.0% [10.5, 39.6] | 11.6% [5.9, 17.3] |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 17.0% [6.3, 27.8] | -- | -- | -- | -- |
| 7th | 55 | 4,341 | 9.8% [-2.3, 21.9] | 7.0% [0.5, 13.4] | -- | -- | -- | -- |
| 8th | 67 | 5,577 | 36.1% [20.3, 51.9] | 14.2% [7.5, 20.9] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | 8.3% [3.5, 13.1] |
| 10th | -- | -- | -- | -- | 73 | 10,493 | 19.5% [7.2, 31.8] | 8.8% [4.4, 13.3] |
| 11th | -- | -- | -- | -- | 107 | 8,954 | 21.1% [9.5, 32.7] | 8.8% [4.9, 12.8] |
| 12th | -- | -- | -- | -- | 110 | 11,494 | 28.6% [11.4, 45.8] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 150 | 12,645 | 9.9% [3.3, 16.4] | 7.3% [4.3, 10.3] | 338 | 39,691 | 3.9% [2.1, 5.7] | 4.2% [3.1, 5.3] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 3.6% [1.3, 5.9] | 161 | 14,089 | 4.3% [0.7, 7.9] | 3.8% [2.5, 5.0] |
| Black ^a | ** | ** | ** | 7.6% [-1.0, 16.2] | ** | ** | ** | 4.4% [0.0, 8.8] |
| Hispanic | 71 | 5,792 | 9.4% [-1.5, 20.3] | 9.9% [2.7, 17.2] | 100 | 13,255 | 6.5% [3.0, 10.0] | 5.8% [3.3, 8.4] |
| Other ^a | ** | ** | ** | 5.4% [0.1, 10.7] | ** | ** | ** | 2.3% [0.1, 4.6] |
| Gender | | | | | | | | |
| Female | 73 | 5,283 | 6.4% [0.0, 14.7] | 4.2% [0.7, 7.7] | 156 | 15,513 | 3.8% [0.8, 6.8] | 3.0% [1.8, 4.2] |
| Male | 77 | 7,362 | 12.3% [2.3, 22.3] | 9.8% [5.0, 14.5] | 182 | 24,178 | 3.9% [1.1, 6.7] | 5.1% [3.4, 6.8] |
| Age | | | | | | | | |
| 9–14 | 139 | 11,161 | 8.8% [2.1, 15.5] | 6.1% [3.2, 9.1] | ** | ** | ** | 7.4% [0.9, 13.9] |
| 15–17 | ** | ** | ** | 8.0% [2.3, 13.8] | 242 | 27,113 | 1.4% [0.0, 2.9] | 3.1% [2.1, 4.0] |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | 9.7% [3.5, 16.0] | 6.8% [3.6, 10.0] |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 2.5% [0.2, 4.8] | -- | -- | -- | -- |
| 7th | 55 | 4,341 | 16.2% [2.0, 30.4] | 11.6% [4.0, 19.2] | -- | -- | -- | -- |
| 8th | 67 | 5,577 | 9.7% [0.0, 21.7] | 6.7% [2.2, 11.1] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | 4.4% [1.6, 7.2] |
| 10th | -- | -- | -- | -- | 73 | 10,493 | 2.8% [0.0, 6.7] | 3.7% [1.7, 5.7] |
| 11th | -- | -- | -- | -- | 107 | 8,954 | 0.7% [0.0, 1.6] | 3.3% [1.6, 5.0] |
| 12th | -- | -- | -- | -- | 110 | 11,494 | 7.8% [2.9, 12.8] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 114 | 10,275 | 35.8% [25.8, 45.7] | 32.3% [26.1, 38.6] | 219 | 26,468 | 40.3% [33.6, 47.1] | 43.0% [39.3, 46.7] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 25.0% [15.7, 34.3] | 106 | 8,892 | 43.6% [36.7, 50.4] | 46.8% [43.0, 50.6] |
| Black ^a | ** | ** | ** | 30.0% [15.4, 44.5] | ** | ** | ** | 39.8% [24.9, 54.7] |
| Hispanic | 54 | 4,804 | 49.8% [31.3, 68.3] | 43.8% [31.3, 56.4] | 54 | 6,958 | 24.8% [12.8, 36.8] | 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] | 104 | 9,507 | 24.3% [11.5, 37.2] | 38.3% [31.0, 45.6] |
| Male | 65 | 6,570 | 39.4% [28.6, 50.2] | 34.6% [27.5, 41.7] | 115 | 16,961 | 49.3% [42.4, 56.2] | 45.8% [41.9, 49.6] |
| Age | | | | | | | | |
| 9–14 | 105 | 9,068 | 30.4% [21.1, 39.8] | 29.3% [22.9, 35.6] | ** | ** | ** | 29.7% [20.8, 38.6] |
| 15–17 | ** | ** | ** | 46.7% [30.0, 63.3] | 198 | 22,515 | 41.7% [34.5, 49.0] | 44.7% [41.0, 48.5] |
| 18+ | -- | -- | -- | -- | -- | -- | -- | -- |
| Grade | | | | | | | | |
| 6th | ** | ** | ** | 27.5% [12.3, 42.8] | -- | -- | -- | -- |
| 7th | ** | ** | ** | 38.3% [26.1, 50.5] | -- | -- | -- | -- |
| 8th | 56 | 4,781 | 34.9% [21.9, 47.9] | 31.1% [23.8, 38.4] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | 33.6% [22.3, 44.9] |
| 10th | -- | -- | -- | -- | 59 | 8,301 | 43.4% [30.6, 56.1] | 36.3% [29.4, 43.1] |
| 11th | -- | -- | -- | -- | 78 | 6,720 | 48.1% [31.2, 65.0] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 115 | 10,191 | 40.2% [28.3, 52.2] | 34.6% [27.6, 41.7] | 219 | 26,852 | 38.9% [31.0, 46.8] | 38.7% [35.0, 42.5] |
| Race | | | | | | | | |
| White ^a | ** | ** | ** | 29.8% [19.3, 40.3] | 107 | 9,165 | 38.7% [23.6, 53.8] | 39.5% [34.6, 44.4] |
| Black ^a | ** | ** | ** | 32.7% [17.7, 47.7] | ** | ** | ** | 41.4% [31.7, 51.0] |
| Hispanic | 50 | 4,248 | 51.8% [33.1, 70.4] | 45.3% [33.0, 57.5] | 54 | 7,125 | 25.3% [17.4, 33.2] | 30.5% [24.4, 36.6] |
| Other ^a | ** | ** | ** | 26.2% [9.4, 42.9] | ** | ** | ** | 49.1% [30.8, 67.4] |
| Gender | | | | | | | | |
| Female | 55 | 4,247 | 40.8% [25.0, 56.7] | 37.6% [27.7, 47.5] | 106 | 10,106 | 38.7% [28.7, 48.7] | 38.8% [33.2, 44.5] |
| Male | 60 | 5,944 | 39.8% [25.2, 54.3] | 33.5% [24.7, 42.2] | 113 | 16,746 | 39.0% [28.9, 49.2] | 38.7% [33.9, 43.4] |
| Age | | | | | | | | |
| 9–14 | 106 | 9,170 | 36.8% [24.1, 49.4] | 32.5% [24.7, 40.2] | ** | ** | ** | 30.3% [21.0, 39.6] |
| 15–17 | ** | ** | ** | 49.9% [32.1, 67.7] | 198 | 23,093 | 40.3% [31.8, 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 | 57 | 4,580 | 43.3% [30.1, 56.5] | 35.8% [28.5, 43.1] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | 37.3% [28.5, 46.1] |
| 10th | -- | -- | -- | -- | 61 | 9,032 | 41.2% [26.9, 55.6] | 39.2% [31.4, 46.9] |
| 11th | -- | -- | -- | -- | 76 | 6,442 | 36.2% [25.4, 47.0] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,127 | 271,577 | 33.6% [30.0, 37.2] | 34.6% [33.0, 36.2] | 2,687 | 360,580 | 40.4% [34.6, 46.2] | 44.5% [41.7, 47.2] |
| Race | | | | | | | | |
| White ^a | 604 | 47,093 | 45.6% [39.4, 51.8] | 37.7% [35.8, 39.6] | 844 | 75,926 | 60.5% [54.3, 66.6] | 50.4% [48.0, 52.7] |
| Black ^a | 609 | 74,215 | 35.6% [29.1, 42.2] | 34.1% [29.6, 38.5] | 603 | 97,508 | 28.5% [23.9, 33.0] | 31.2% [27.4, 35.0] |
| Hispanic | 1,337 | 103,817 | 29.3% [24.8, 33.9] | 30.1% [26.7, 33.6] | 860 | 124,358 | 39.6% [34.0, 45.3] | 41.6% [36.9, 46.2] |
| Other ^a | 369 | 24,790 | 31.1% [21.4, 40.7] | 30.4% [24.4, 36.5] | 293 | 47,015 | 38.0% [33.4, 42.5] | 38.4% [34.6, 42.2] |
| Gender | | | | | | | | |
| Female | 1,616 | 133,588 | 39.5% [35.4, 43.6] | 38.4% [36.5, 40.3] | 1,479 | 176,703 | 43.2% [37.0, 49.3] | 47.1% [44.1, 50.1] |
| Male | 1,510 | 137,907 | 27.9% [23.8, 32.1] | 30.7% [28.9, 32.6] | 1,206 | 183,388 | 37.7% [30.1, 45.3] | 41.9% [38.6, 45.2] |
| Age | | | | | | | | |
| 9–14 | 3,063 | 265,827 | 33.4% [29.8, 37.1] | 34.3% [32.7, 36.0] | 315 | 49,459 | 35.3% [27.7, 43.0] | 38.0% [34.3, 41.8] |
| 15–17 | 60 | 5,287 | 41.8% [23.3, 60.4] | 46.6% [38.1, 55.2] | 1,995 | 265,240 | 40.6% [34.4, 46.7] | 44.7% [41.8, 47.6] |
| 18+ | -- | -- | -- | -- | 369 | 43,374 | 44.5% [37.0, 52.1] | 50.3% [46.4, 54.2] |
| Grade | | | | | | | | |
| 6th | 824 | 78,982 | 28.4% [23.1, 33.7] | 31.2% [28.8, 33.6] | -- | -- | -- | -- |
| 7th | 1,207 | 97,353 | 34.2% [29.8, 38.6] | 33.8% [31.6, 36.0] | -- | -- | -- | -- |
| 8th | 1,096 | 95,242 | 37.3% [32.4, 42.3] | 38.4% [36.1, 40.6] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 549 | 94,578 | 36.1% [30.5, 41.7] | 39.4% [36.3, 42.5] |
| 10th | -- | -- | -- | -- | 677 | 101,456 | 37.1% [29.5, 44.7] | 42.9% [39.2, 46.5] |
| 11th | -- | -- | -- | -- | 775 | 92,885 | 44.5% [37.9, 51.0] | 46.8% [43.6, 50.0] |
| 12th | -- | -- | -- | -- | 686 | 71,660 | 45.6% [38.7, 52.4] | 49.3% [46.3, 52.4] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,127 | 271,577 | 1.2 [1.0, 1.3] | 1.2 [1.2, 1.3] | 2,687 | 360,580 | 1.5 [1.3, 1.8] | 1.7 [1.6, 1.9] |
| Race | | | | | | | | |
| White ^a | 604 | 47,093 | 1.6 [1.3, 1.9] | 1.3 [1.2, 1.4] | 844 | 75,926 | 2.4 [2.0, 2.8] | 2.0 [1.8, 2.1] |
| Black ^a | 609 | 74,215 | 1.3 [1.1, 1.6] | 1.3 [1.1, 1.4] | 603 | 97,508 | 1.1 [0.9, 1.3] | 1.2 [1.1, 1.4] |
| Hispanic | 1,337 | 103,817 | 1.0 [0.8, 1.2] | 1.1 [0.9, 1.2] | 860 | 124,358 | 1.4 [1.2, 1.7] | 1.5 [1.3, 1.7] |
| Other ^a | 369 | 24,790 | 1.2 [0.8, 1.6] | 1.1 [0.9, 1.4] | 293 | 47,015 | 1.4 [1.0, 1.8] | 1.4 [1.1, 1.7] |
| Gender | | | | | | | | |
| Female | 1,616 | 133,588 | 1.4 [1.2, 1.5] | 1.4 [1.3, 1.5] | 1,479 | 176,703 | 1.5 [1.3, 1.8] | 1.8 [1.6, 1.9] |
| Male | 1,510 | 137,907 | 1.0 [0.8, 1.2] | 1.1 [1.0, 1.2] | 1,206 | 183,388 | 1.5 [1.2, 1.8] | 1.7 [1.5, 1.8] |
| Age | | | | | | | | |
| 9–14 | 3,063 | 265,827 | 1.2 [1.0, 1.3] | 1.2 [1.1, 1.3] | 315 | 49,459 | 1.2 [0.9, 1.6] | 1.4 [1.3, 1.6] |
| 15–17 | 60 | 5,287 | 1.9 [0.8, 3.0] | 2.2 [1.7, 2.7] | 1,995 | 265,240 | 1.5 [1.3, 1.8] | 1.7 [1.6, 1.8] |
| 18+ | -- | -- | -- | -- | 369 | 43,374 | 1.8 [1.3, 2.3] | 2.1 [1.8, 2.3] |
| Grade | | | | | | | | |
| 6th | 824 | 78,982 | 1.0 [0.7, 1.2] | 1.1 [0.9, 1.2] | -- | -- | -- | -- |
| 7th | 1,207 | 97,353 | 1.2 [1.0, 1.3] | 1.2 [1.1, 1.3] | -- | -- | -- | -- |
| 8th | 1,096 | 95,242 | 1.4 [1.2, 1.6] | 1.4 [1.3, 1.6] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 549 | 94,578 | 1.3 [1.1, 1.5] | 1.5 [1.4, 1.7] |
| 10th | -- | -- | -- | -- | 677 | 101,456 | 1.5 [1.1, 1.8] | 1.6 [1.5, 1.8] |
| 11th | -- | -- | -- | -- | 775 | 92,885 | 1.6 [1.3, 1.9] | 1.8 [1.6, 1.9] |
| 12th | -- | -- | -- | -- | 686 | 71,660 | 1.8 [1.4, 2.2] | 2.0 [1.8, 2.2] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,107 | 270,448 | 35.8% [32.3, 39.2] | 35.0% [33.1, 36.8] | 2,675 | 358,849 | 36.6% [33.2, 40.0] | 36.3% [34.4, 38.2] |
| Race | | | | | | | | |
| White ^a | 603 | 46,848 | 35.6% [27.2, 43.9] | 34.1% [31.8, 36.4] | 843 | 75,778 | 43.6% [35.0, 52.3] | 37.2% [34.7, 39.7] |
| Black ^a | 602 | 74,265 | 39.6% [32.2, 47.0] | 38.4% [33.3, 43.4] | 603 | 97,929 | 31.7% [27.7, 35.7] | 33.1% [30.1, 36.1] |
| Hispanic | 1,332 | 103,401 | 34.9% [30.7, 39.1] | 35.8% [32.6, 38.9] | 854 | 123,411 | 36.7% [29.1, 44.3] | 36.9% [31.4, 42.5] |
| Other ^a | 364 | 24,517 | 32.9% [25.4, 40.5] | 32.0% [27.1, 36.9] | 290 | 46,228 | 39.5% [32.9, 46.2] | 37.1% [32.0, 42.2] |
| Gender | | | | | | | | |
| Female | 1,602 | 132,171 | 39.5% [35.1, 43.9] | 36.6% [34.3, 38.8] | 1,470 | 175,777 | 37.5% [34.1, 40.8] | 37.6% [35.6, 39.6] |
| Male | 1,504 | 138,195 | 32.2% [28.3, 36.2] | 33.4% [31.4, 35.4] | 1,203 | 182,583 | 35.7% [31.2, 40.3] | 35.1% [32.8, 37.4] |
| Age | | | | | | | | |
| 9–14 | 3,043 | 264,701 | 35.7% [32.2, 39.1] | 34.7% [32.9, 36.6] | 313 | 48,962 | 39.1% [28.5, 49.7] | 36.1% [31.2, 40.9] |
| 15–17 | 60 | 5,284 | 41.8% [27.4, 56.1] | 49.1% [41.8, 56.5] | 1,988 | 264,762 | 36.4% [33.7, 39.0] | 36.3% [34.6, 38.0] |
| 18+ | -- | -- | -- | -- | 366 | 42,619 | 34.9% [27.4, 42.4] | 36.6% [32.9, 40.3] |
| Grade | | | | | | | | |
| 6th | 814 | 77,879 | 32.8% [27.0, 38.5] | 32.6% [29.7, 35.4] | -- | -- | -- | -- |
| 7th | 1,194 | 96,513 | 38.2% [32.1, 44.4] | 36.0% [33.0, 39.0] | -- | -- | -- | -- |
| 8th | 1,099 | 96,057 | 35.7% [29.2, 42.3] | 36.1% [33.2, 39.1] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 546 | 94,159 | 36.1% [28.7, 43.6] | 36.9% [33.3, 40.4] |
| 10th | -- | -- | -- | -- | 674 | 100,934 | 38.4% [34.1, 42.6] | 37.2% [35.1, 39.3] |
| 11th | -- | -- | -- | -- | 773 | 93,048 | 37.2% [34.3, 40.1] | 36.4% [34.4, 38.3] |
| 12th | -- | -- | -- | -- | 682 | 70,709 | 33.8% [28.1, 39.4] | 34.6% [31.9, 37.3] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,072 | 265,727 | 72.6% [70.1, 75.0] | 71.4% [69.9, 72.8] | 2,657 | 356,039 | 67.9% [64.8, 71.1] | 68.6% [67.0, 70.2] |
| Race | | | | | | | | |
| White ^a | 601 | 46,762 | 69.0% [62.9, 75.1] | 71.3% [69.4, 73.2] | 838 | 74,980 | 60.4% [53.7, 67.0] | 68.1% [66.1, 70.1] |
| Black ^a | 594 | 73,157 | 70.9% [63.5, 78.4] | 68.5% [63.5, 73.4] | 592 | 96,205 | 71.5% [68.7, 74.3] | 70.1% [67.6, 72.6] |
| Hispanic | 1,321 | 101,841 | 74.6% [72.0, 77.3] | 73.2% [71.1, 75.4] | 851 | 122,956 | 67.6% [61.2, 73.9] | 67.8% [63.1, 72.6] |
| Other ^a | 359 | 24,007 | 70.5% [63.5, 77.4] | 72.1% [67.7, 76.6] | 290 | 46,608 | 70.9% [65.9, 75.9] | 69.6% [65.9, 73.3] |
| Gender | | | | | | | | |
| Female | 1,584 | 130,327 | 67.5% [64.5, 70.6] | 68.8% [67.0, 70.6] | 1,468 | 175,455 | 67.0% [63.4, 70.6] | 68.3% [66.5, 70.2] |
| Male | 1,487 | 135,318 | 77.4% [74.4, 80.4] | 74.0% [72.4, 75.6] | 1,187 | 180,095 | 68.7% [64.5, 73.0] | 68.8% [66.8, 70.8] |
| Age | | | | | | | | |
| 9–14 | 3,012 | 260,407 | 72.7% [70.2, 75.2] | 71.6% [70.2, 73.0] | 312 | 48,772 | 67.3% [58.2, 76.5] | 69.5% [65.4, 73.6] |
| 15–17 | 56 | 4,857 | 69.1% [55.7, 82.6] | 59.5% [52.7, 66.3] | 1,977 | 262,384 | 67.8% [65.2, 70.5] | 68.6% [67.1, 70.0] |
| 18+ | -- | -- | -- | -- | 360 | 42,377 | 69.1% [62.3, 75.9] | 67.9% [64.6, 71.2] |
| Grade | | | | | | | | |
| 6th | 803 | 76,355 | 77.5% [74.5, 80.6] | 74.7% [72.7, 76.7] | -- | -- | -- | -- |
| 7th | 1,190 | 95,904 | 71.0% [64.1, 77.9] | 70.6% [67.5, 73.6] | -- | -- | -- | -- |
| 8th | 1,079 | 93,468 | 70.1% [64.7, 75.4] | 69.2% [66.7, 71.6] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 541 | 93,105 | 65.8% [59.2, 72.3] | 67.5% [64.4, 70.6] |
| 10th | -- | -- | -- | -- | 670 | 99,931 | 69.1% [64.8, 73.4] | 69.0% [66.9, 71.0] |
| 11th | -- | -- | -- | -- | 772 | 92,723 | 68.3% [64.7, 72.0] | 68.9% [67.0, 70.8] |
| 12th | -- | -- | -- | -- | 674 | 70,280 | 68.6% [63.9, 73.3] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 1,077 | 94,583 | 47.9% [42.2, 53.6] | 44.7% [42.2, 47.2] | 988 | 129,762 | 42.3% [37.2, 47.4] | 41.3% [39.1, 43.5] |
| Race | | | | | | | | |
| White ^a | 216 | 16,616 | 40.3% [32.4, 48.3] | 42.5% [40.1, 44.9] | 358 | 32,483 | 36.7% [29.3, 44.2] | 39.9% [37.6, 42.1] |
| Black ^a | 228 | 28,962 | 42.4% [31.6, 53.3] | 39.8% [33.0, 46.7] | 193 | 30,443 | 44.7% [33.8, 55.6] | 41.9% [34.7, 49.1] |
| Hispanic | 466 | 35,135 | 54.1% [47.9, 60.2] | 52.6% [48.0, 57.3] | 299 | 45,188 | 40.9% [34.9, 46.8] | 41.6% [36.9, 46.4] |
| Other ^a | 104 | 7,690 | 41.6% [30.2, 53.0] | 44.5% [37.0, 51.9] | 113 | 18,084 | 51.8% [41.7, 62.0] | 49.2% [41.4, 56.9] |
| Gender | | | | | | | | |
| Female | 602 | 51,142 | 42.2% [37.7, 46.8] | 41.3% [39.0, 43.6] | 560 | 65,047 | 40.9% [36.0, 45.8] | 41.2% [38.8, 43.5] |
| Male | 475 | 43,442 | 54.6% [45.4, 63.8] | 48.5% [44.8, 52.3] | 427 | 64,522 | 43.5% [36.0, 50.9] | 41.3% [38.3, 44.3] |
| Age | | | | | | | | |
| 9–14 | 1,051 | 92,285 | 47.5% [41.9, 53.2] | 44.7% [42.2, 47.1] | 122 | 18,864 | 40.9% [30.2, 51.5] | 42.1% [36.8, 47.4] |
| 15–17 | ** | ** | ** | 47.6% [35.8, 59.5] | 731 | 95,376 | 41.0% [36.9, 45.1] | 40.6% [38.7, 42.5] |
| 18+ | -- | -- | -- | -- | 132 | 14,557 | 54.3% [42.1, 66.5] | 45.3% [40.0, 50.6] |
| Grade | | | | | | | | |
| 6th | 265 | 24,933 | 52.6% [46.2, 59.0] | 47.7% [44.4, 50.9] | -- | -- | -- | -- |
| 7th | 410 | 35,797 | 48.4% [35.6, 61.2] | 45.0% [39.7, 50.3] | -- | -- | -- | -- |
| 8th | 402 | 33,854 | 43.9% [34.9, 52.9] | 42.0% [38.0, 46.0] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 206 | 33,541 | 41.1% [32.5, 49.7] | 40.9% [37.2, 44.6] |
| 10th | -- | -- | -- | -- | 251 | 38,007 | 40.5% [36.5, 44.6] | 41.2% [38.8, 43.6] |
| 11th | -- | -- | -- | -- | 294 | 34,468 | 44.1% [37.2, 51.1] | 41.9% [38.4, 45.3] |
| 12th | -- | -- | -- | -- | 237 | 23,746 | 44.1% [31.6, 56.7] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,203 | 279,106 | 1.7% [1.0, 2.4] | 1.5% [1.1, 1.8] | 2,726 | 367,929 | 5.5% [3.9, 7.0] | 6.0% [5.2, 6.9] |
| Race | | | | | | | | |
| White ^a | 599 | 46,896 | 0.9% [0.0, 1.9] | 0.8% [0.5, 1.0] | 833 | 74,568 | 10.1% [6.0, 14.2] | 6.5% [5.4, 7.5] |
| Black ^a | 645 | 78,631 | 1.7% [0.6, 2.8] | 2.3% [1.3, 3.3] | 645 | 103,680 | 2.7% [1.2, 4.3] | 3.8% [2.5, 5.1] |
| Hispanic | 1,352 | 104,735 | 1.9% [0.9, 2.9] | 2.3% [1.5, 3.1] | 868 | 127,050 | 5.2% [4.0, 6.5] | 6.7% [5.2, 8.1] |
| Other ^a | 389 | 25,418 | 2.0% [-0.5, 4.6] | 2.1% [0.5, 3.8] | 292 | 46,770 | 6.1% [2.4, 9.7] | 7.0% [4.3, 9.7] |
| Gender | | | | | | | | |
| Female | 1,630 | 135,300 | 1.1% [0.4, 1.8] | 1.1% [0.8, 1.4] | 1,498 | 178,789 | 5.0% [3.2, 6.8] | 5.3% [4.4, 6.2] |
| Male | 1,572 | 143,724 | 2.2% [1.1, 3.4] | 1.7% [1.2, 2.2] | 1,228 | 189,140 | 5.9% [4.2, 7.7] | 6.7% [5.7, 7.7] |
| Age | | | | | | | | |
| 9–14 | 3,134 | 272,236 | 1.6% [1.0, 2.3] | 1.3% [1.0, 1.6] | 314 | 49,315 | 3.7% [-0.2, 7.5] | 4.9% [3.2, 6.5] |
| 15–17 | 65 | 6,407 | 3.0% [-1.4, 7.4] | 8.9% [5.0, 12.8] | 2,028 | 272,389 | 5.2% [3.5, 6.9] | 5.7% [4.8, 6.6] |
| 18+ | -- | -- | -- | -- | 378 | 44,186 | 9.6% [5.7, 13.5] | 9.3% [7.2, 11.4] |
| Grade | | | | | | | | |
| 6th | 867 | 84,092 | 1.2% [0.1, 2.4] | 1.0% [0.5, 1.4] | -- | -- | -- | -- |
| 7th | 1,235 | 97,618 | 1.7% [0.8, 2.5] | 1.0% [0.6, 1.4] | -- | -- | -- | -- |
| 8th | 1,101 | 97,396 | 2.0% [0.8, 3.3] | 2.3% [1.7, 3.0] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 566 | 97,482 | 4.2% [2.7, 5.8] | 4.8% [3.9, 5.7] |
| 10th | -- | -- | -- | -- | 705 | 107,232 | 5.6% [2.8, 8.4] | 5.3% [4.1, 6.5] |
| 11th | -- | -- | -- | -- | 762 | 90,658 | 4.7% [2.6, 6.9] | 5.8% [4.5, 7.0] |
| 12th | -- | -- | -- | -- | 693 | 72,558 | 8.0% [5.0, 10.9] | 8.6% [7.0, 10.2] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,203 | 279,106 | 0.2 [0.1, 0.3] | 0.2 [0.1, 0.2] | 2,726 | 367,929 | 0.7 [0.4, 1.0] | 0.8 [0.7, 1.0] |
| Race | | | | | | | | |
| White ^a | 599 | 46,896 | 0.0 [0.0, 0.1] | 0.1 [0.0, 0.1] | 833 | 74,568 | 1.4 [0.7, 2.0] | 0.9 [0.7, 1.0] |
| Black ^a | 645 | 78,631 | 0.1 [0.0, 0.2] | 0.3 [0.1, 0.4] | 645 | 103,680 | 0.5 [0.0, 0.9] | 0.6 [0.3, 1.0] |
| Hispanic | 1,352 | 104,735 | 0.2 [0.0, 0.4] | 0.3 [0.1, 0.5] | 868 | 127,050 | 0.6 [0.4, 0.8] | 0.9 [0.6, 1.2] |
| Other ^a | 389 | 25,418 | 0.5 [-0.3, 1.2] | 0.4 [0.0, 0.9] | 292 | 46,770 | 0.9 [0.2, 1.6] | 1.1 [0.6, 1.6] |
| Gender | | | | | | | | |
| Female | 1,630 | 135,300 | 0.1 [0.0, 0.3] | 0.1 [0.1, 0.2] | 1,498 | 178,789 | 0.5 [0.3, 0.7] | 0.6 [0.5, 0.7] |
| Male | 1,572 | 143,724 | 0.2 [0.1, 0.4] | 0.2 [0.1, 0.3] | 1,228 | 189,140 | 0.9 [0.5, 1.3] | 1.1 [0.8, 1.3] |
| Age | | | | | | | | |
| 9–14 | 3,134 | 272,236 | 0.2 [0.1, 0.3] | 0.2 [0.1, 0.2] | 314 | 49,315 | 0.5 [0.0, 1.3] | 0.7 [0.4, 1.1] |
| 15–17 | 65 | 6,407 | 0.0 [0.0, 0.1] | 1.1 [0.5, 1.7] | 2,028 | 272,389 | 0.7 [0.4, 1.0] | 0.8 [0.6, 0.9] |
| 18+ | -- | -- | -- | -- | 378 | 44,186 | 1.2 [0.4, 2.0] | 1.4 [0.9, 1.8] |
| Grade | | | | | | | | |
| 6th | 867 | 84,092 | 0.3 [0.0, 0.7] | 0.2 [0.1, 0.4] | -- | -- | -- | -- |
| 7th | 1,235 | 97,618 | 0.1 [0.0, 0.2] | 0.1 [0.0, 0.2] | -- | -- | -- | -- |
| 8th | 1,101 | 97,396 | 0.1 [0.0, 0.2] | 0.2 [0.1, 0.3] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 566 | 97,482 | 0.4 [0.0, 0.7] | 0.6 [0.4, 0.8] |
| 10th | -- | -- | -- | -- | 705 | 107,232 | 0.9 [0.2, 1.5] | 0.7 [0.5, 1.0] |
| 11th | -- | -- | -- | -- | 762 | 90,658 | 0.6 [0.2, 0.9] | 0.8 [0.5, 1.0] |
| 12th | -- | -- | -- | -- | 693 | 72,558 | 1.2 [0.7, 1.7] | 1.4 [1.1, 1.6] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,297 | 286,733 | 34.0% [27.1, 41.0] | 28.2% [24.8, 31.5] | 2,813 | 381,930 | 65.2% [55.9, 74.5] | 63.6% [59.2, 68.0] |
| Race | | | | | | | | |
| White ^a | 610 | 47,613 | 26.8% [12.2, 41.5] | 24.3% [20.7, 27.8] | 850 | 76,219 | 74.3% [66.6, 82.1] | 63.9% [59.7, 68.1] |
| Black ^a | 664 | 80,426 | 35.4% [23.8, 47.0] | 32.1% [24.8, 39.4] | 667 | 107,449 | 51.4% [39.8, 63.0] | 54.5% [46.5, 62.6] |
| Hispanic | 1,393 | 108,863 | 36.0% [30.1, 42.0] | 33.9% [29.3, 38.5] | 899 | 131,711 | 69.7% [61.1, 78.3] | 69.5% [63.0, 76.0] |
| Other ^a | 405 | 26,367 | 39.4% [28.5, 50.3] | 33.0% [25.6, 40.4] | 302 | 48,670 | 72.8% [58.8, 86.8] | 70.9% [60.9, 80.9] |
| Gender | | | | | | | | |
| Female | 1,672 | 138,087 | 34.9% [27.4, 42.4] | 28.3% [24.6, 32.1] | 1,536 | 184,983 | 63.6% [54.6, 72.5] | 63.3% [58.8, 67.9] |
| Male | 1,624 | 148,564 | 33.2% [25.8, 40.6] | 28.0% [24.6, 31.4] | 1,275 | 196,457 | 66.9% [56.9, 76.9] | 63.9% [59.3, 68.5] |
| Age | | | | | | | | |
| 9–14 | 3,223 | 279,508 | 33.8% [26.8, 40.8] | 27.9% [24.6, 31.2] | 326 | 51,269 | 56.9% [41.3, 72.5] | 58.3% [51.2, 65.4] |
| 15–17 | 70 | 6,762 | 45.8% [32.6, 59.1] | 42.7% [35.4, 50.0] | 2,095 | 283,503 | 65.7% [56.6, 74.9] | 64.2% [59.8, 68.6] |
| 18+ | -- | -- | -- | -- | 385 | 45,005 | 71.4% [63.5, 79.3] | 66.1% [62.0, 70.2] |
| Grade | | | | | | | | |
| 6th | 883 | 86,092 | 31.4% [22.2, 40.7] | 23.4% [19.3, 27.4] | -- | -- | -- | -- |
| 7th | 1,278 | 100,232 | 33.3% [24.9, 41.7] | 28.2% [24.1, 32.3] | -- | -- | -- | -- |
| 8th | 1,136 | 100,409 | 37.0% [29.2, 44.7] | 32.6% [29.0, 36.2] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 585 | 100,894 | 61.3% [47.9, 74.7] | 61.2% [54.7, 67.7] |
| 10th | -- | -- | -- | -- | 730 | 112,341 | 62.9% [53.8, 71.9] | 62.7% [58.2, 67.3] |
| 11th | -- | -- | -- | -- | 788 | 94,628 | 65.2% [55.6, 74.7] | 63.6% [59.0, 68.2] |
| 12th | -- | -- | -- | -- | 710 | 74,066 | 74.2% [66.8, 81.6] | 67.5% [63.6, 71.4] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,291 | 286,832 | 60.3% [55.5, 65.1] | 38.2% [34.8, 41.5] | 2,815 | 382,834 | 56.7% [51.3, 62.1] | 38.2% [34.2, 42.3] |
| Race | | | | | | | | |
| White ^a | 610 | 47,740 | 49.9% [38.7, 61.1] | 26.2% [23.3, 29.0] | 851 | 76,593 | 50.3% [43.0, 57.7] | 28.0% [25.7, 30.3] |
| Black ^a | 657 | 80,176 | 68.6% [61.6, 75.6] | 53.7% [48.0, 59.5] | 668 | 107,975 | 56.6% [48.8, 64.5] | 48.6% [42.4, 54.9] |
| Hispanic | 1,396 | 109,454 | 62.8% [57.3, 68.3] | 54.6% [49.7, 59.6] | 900 | 131,842 | 62.9% [56.3, 69.4] | 56.1% [50.5, 61.8] |
| Other ^a | 406 | 26,346 | 54.9% [47.6, 62.3] | 43.5% [37.3, 49.6] | 301 | 48,589 | 53.1% [46.2, 59.9] | 47.4% [42.0, 52.8] |
| Gender | | | | | | | | |
| Female | 1,669 | 138,255 | 62.3% [57.9, 66.8] | 37.7% [34.3, 41.0] | 1,536 | 185,155 | 55.0% [49.5, 60.5] | 35.5% [31.1, 39.8] |
| Male | 1,621 | 148,496 | 58.4% [52.3, 64.5] | 38.6% [34.9, 42.3] | 1,278 | 197,486 | 58.4% [52.3, 64.6] | 40.9% [36.6, 45.1] |
| Age | | | | | | | | |
| 9–14 | 3,216 | 279,546 | 60.0% [55.1, 64.8] | 37.8% [34.5, 41.2] | 326 | 51,669 | 48.1% [39.6, 56.5] | 34.2% [28.7, 39.6] |
| 15–17 | 71 | 6,824 | 71.8% [60.1, 83.5] | 51.6% [43.1, 60.1] | 2,096 | 283,699 | 57.2% [51.6, 62.8] | 38.1% [33.9, 42.3] |
| 18+ | -- | -- | -- | -- | 386 | 45,255 | 61.8% [53.3, 70.2] | 42.7% [37.3, 48.2] |
| Grade | | | | | | | | |
| 6th | 884 | 86,195 | 59.1% [54.1, 64.0] | 36.2% [31.8, 40.5] | -- | -- | -- | -- |
| 7th | 1,275 | 100,241 | 59.2% [53.2, 65.2] | 38.4% [34.4, 42.4] | -- | -- | -- | -- |
| 8th | 1,132 | 100,397 | 62.5% [54.5, 70.4] | 39.8% [35.0, 44.5] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 583 | 100,879 | 54.8% [49.8, 59.7] | 38.0% [32.9, 43.1] |
| 10th | -- | -- | -- | -- | 731 | 112,815 | 54.1% [46.8, 61.3] | 36.8% [32.1, 41.4] |
| 11th | -- | -- | -- | -- | 791 | 94,774 | 55.4% [48.2, 62.6] | 37.6% [33.2, 42.0] |
| 12th | -- | -- | -- | -- | 710 | 74,366 | 65.2% [57.5, 72.9] | 41.2% [35.5, 46.8] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 2,886 | 252,586 | 20.3% [17.2, 23.5] | 16.9% [15.3, 18.4] | 2,489 | 333,191 | 40.7% [34.7, 46.7] | 41.6% [38.9, 44.2] |
| Race | | | | | | | | |
| White ^a | 559 | 43,059 | 18.7% [11.6, 25.8] | 13.9% [12.4, 15.5] | 789 | 69,560 | 53.4% [49.4, 57.3] | 43.4% [41.2, 45.6] |
| Black ^a | 566 | 69,394 | 19.5% [14.2, 24.8] | 19.9% [16.3, 23.4] | 561 | 91,292 | 26.1% [22.1, 30.1] | 30.0% [26.2, 33.8] |
| Hispanic | 1,229 | 96,433 | 23.4% [19.7, 27.0] | 23.2% [20.5, 26.0] | 792 | 114,819 | 45.0% [38.2, 51.8] | 46.7% [41.3, 52.1] |
| Other ^a | 337 | 22,524 | 17.8% [12.2, 23.4] | 16.3% [12.7, 19.9] | 267 | 42,766 | 43.7% [38.2, 49.1] | 42.5% [38.3, 46.7] |
| Gender | | | | | | | | |
| Female | 1,477 | 121,533 | 23.4% [18.8, 27.9] | 18.4% [16.3, 20.4] | 1,371 | 163,677 | 38.8% [30.2, 47.3] | 41.8% [38.0, 45.5] |
| Male | 1,408 | 130,971 | 17.6% [14.5, 20.7] | 15.3% [13.8, 16.8] | 1,116 | 169,025 | 42.6% [36.2, 48.9] | 41.4% [38.7, 44.0] |
| Age | | | | | | | | |
| 9–14 | 2,828 | 247,478 | 19.9% [16.8, 23.0] | 16.3% [14.8, 17.8] | 291 | 45,783 | 34.4% [27.2, 41.6] | 33.1% [29.6, 36.5] |
| 15–17 | 54 | 4,645 | 42.5% [25.3, 59.7] | 47.2% [38.8, 55.6] | 1,848 | 245,080 | 40.3% [33.5, 47.2] | 41.4% [38.5, 44.3] |
| 18+ | -- | -- | -- | -- | 342 | 39,821 | 49.6% [42.0, 57.3] | 51.9% [48.2, 55.6] |
| Grade | | | | | | | | |
| 6th | 775 | 74,278 | 13.3% [9.4, 17.1] | 9.8% [8.1, 11.5] | -- | -- | -- | -- |
| 7th | 1,094 | 88,898 | 20.4% [17.0, 23.9] | 15.2% [13.4, 16.9] | -- | -- | -- | -- |
| 8th | 1,017 | 89,410 | 26.2% [21.3, 31.0] | 25.3% [22.8, 27.7] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 500 | 85,837 | 36.9% [30.6, 43.1] | 36.1% [33.0, 39.2] |
| 10th | -- | -- | -- | -- | 628 | 93,550 | 39.2% [33.0, 45.4] | 38.6% [35.9, 41.2] |
| 11th | -- | -- | -- | -- | 722 | 86,650 | 40.4% [29.8, 51.0] | 43.1% [38.5, 47.7] |
| 12th | -- | -- | -- | -- | 639 | 67,153 | 48.0% [39.0, 57.0] | 49.4% [45.6, 53.2] |

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,077 | 267,636 | 6.6% [5.1, 8.1] | 6.4% [5.7, 7.2] | 2,642 | 352,796 | 14.3% [11.2, 17.5] | 17.5% [15.8, 19.1] |
| Race | | | | | | | | |
| White ^a | 600 | 46,672 | 6.6% [2.9, 10.2] | 5.5% [4.7, 6.2] | 836 | 74,792 | 24.0% [19.6, 28.3] | 19.8% [18.4, 21.2] |
| Black ^a | 595 | 73,313 | 5.0% [3.0, 7.0] | 6.6% [4.9, 8.3] | 590 | 95,949 | 6.5% [4.0, 9.0] | 9.1% [6.8, 11.4] |
| Hispanic | 1,322 | 102,611 | 6.8% [5.1, 8.5] | 8.4% [6.7, 10.1] | 844 | 121,064 | 15.9% [11.9, 19.9] | 18.6% [14.9, 22.3] |
| Other ^a | 363 | 24,233 | 9.8% [5.0, 14.7] | 8.6% [5.6, 11.6] | 290 | 46,208 | 12.9% [9.1, 16.8] | 15.1% [12.3, 17.9] |
| Gender | | | | | | | | |
| Female | 1,590 | 131,624 | 7.2% [5.2, 9.2] | 6.6% [5.6, 7.5] | 1,456 | 173,302 | 13.1% [9.0, 17.2] | 17.0% [14.9, 19.0] |
| Male | 1,486 | 135,931 | 6.0% [4.2, 7.9] | 6.2% [5.4, 7.1] | 1,185 | 179,198 | 15.5% [11.5, 19.6] | 17.9% [16.1, 19.8] |
| Age | | | | | | | | |
| 9–14 | 3,015 | 262,171 | 6.3% [4.7, 7.9] | 6.1% [5.3, 6.8] | 311 | 48,477 | 14.0% [8.6, 19.4] | 15.4% [12.9, 17.9] |
| 15–17 | 58 | 5,003 | 21.5% [5.2, 37.8] | 26.9% [19.3, 34.5] | 1,959 | 259,092 | 13.2% [9.3, 17.2] | 16.9% [15.0, 18.9] |
| 18+ | -- | -- | -- | -- | 364 | 42,720 | 22.1% [18.1, 26.1] | 23.7% [21.3, 26.1] |
| Grade | | | | | | | | |
| 6th | 803 | 76,310 | 4.2% [2.1, 6.2] | 3.5% [2.7, 4.4] | -- | -- | -- | -- |
| 7th | 1,197 | 97,135 | 6.8% [4.5, 9.1] | 5.9% [4.9, 6.9] | -- | -- | -- | -- |
| 8th | 1,077 | 94,192 | 8.3% [5.8, 10.8] | 9.6% [8.3, 11.0] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 537 | 92,066 | 13.3% [10.0, 16.6] | 15.5% [13.5, 17.4] |
| 10th | -- | -- | -- | -- | 663 | 98,540 | 14.0% [8.7, 19.4] | 15.7% [13.4, 18.0] |
| 11th | -- | -- | -- | -- | 763 | 91,508 | 13.2% [9.2, 17.3] | 17.8% [15.6, 20.1] |
| 12th | -- | -- | -- | -- | 679 | 70,681 | 17.4% [12.8, 22.1] | 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
New York City Area**

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

| | Middle School | | | | High School | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 2,641 | 231,165 | 14.0% [11.6, 16.5] | 14.5% [13.4, 15.5] | 1,657 | 235,314 | 13.4% [10.5, 16.3] | 15.8% [14.4, 17.3] |
| Race | | | | | | | | |
| White ^a | 524 | 41,381 | 20.8% [15.6, 26.1] | 15.6% [14.5, 16.8] | 431 | 38,443 | 18.6% [13.1, 24.1] | 18.4% [17.1, 19.6] |
| Black ^a | 513 | 64,198 | 9.3% [6.7, 11.9] | 11.2% [9.0, 13.4] | 463 | 75,677 | 9.2% [6.4, 12.0] | 9.8% [7.7, 11.8] |
| Hispanic | 1,125 | 88,010 | 14.7% [11.6, 17.9] | 15.1% [12.6, 17.6] | 531 | 81,943 | 14.4% [11.9, 16.9] | 15.1% [12.9, 17.2] |
| Other ^a | 315 | 20,579 | 12.6% [8.2, 16.9] | 12.4% [9.3, 15.5] | 183 | 29,154 | 15.2% [7.5, 23.0] | 15.7% [10.1, 21.2] |
| Gender | | | | | | | | |
| Female | 1,369 | 114,141 | 15.0% [12.3, 17.6] | 14.3% [13.1, 15.5] | 916 | 116,617 | 14.0% [9.2, 18.8] | 16.5% [14.3, 18.7] |
| Male | 1,271 | 116,942 | 13.2% [10.0, 16.3] | 14.6% [13.2, 16.0] | 741 | 118,697 | 12.8% [9.1, 16.6] | 15.2% [13.5, 16.9] |
| Age | | | | | | | | |
| 9–14 | 2,594 | 227,494 | 14.2% [11.6, 16.7] | 14.5% [13.4, 15.6] | 242 | 35,796 | 16.7% [10.1, 23.3] | 19.1% [16.1, 22.2] |
| 15–17 | ** | ** | ** | 12.0% [5.5, 18.6] | 1,216 | 175,803 | 12.8% [9.6, 16.0] | 15.7% [14.1, 17.4] |
| 18+ | -- | -- | -- | -- | 195 | 22,469 | 10.7% [5.2, 16.1] | 10.2% [7.7, 12.7] |
| Grade | | | | | | | | |
| 6th | 737 | 70,012 | 10.1% [7.5, 12.7] | 10.9% [9.6, 12.2] | -- | -- | -- | -- |
| 7th | 1,035 | 84,268 | 15.6% [12.4, 18.8] | 15.0% [13.6, 16.4] | -- | -- | -- | -- |
| 8th | 869 | 76,886 | 15.9% [11.3, 20.4] | 17.6% [15.5, 19.7] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 401 | 67,255 | 16.4% [10.6, 22.2] | 19.2% [16.3, 22.0] |
| 10th | -- | -- | -- | -- | 437 | 68,368 | 12.4% [7.4, 17.5] | 16.1% [13.7, 18.4] |
| 11th | -- | -- | -- | -- | 441 | 60,035 | 12.9% [10.3, 15.6] | 14.0% [12.4, 15.6] |
| 12th | -- | -- | -- | -- | 378 | 39,655 | 10.7% [6.1, 15.3] | 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.

[†] Sample population.

[‡] Weighted total population.

^a Non-Hispanic.

**New York State Youth Tobacco Survey: 2008
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,024 | 263,012 | 7.9% [6.5, 9.3] | 6.4% [5.7, 7.1] | 2,639 | 352,798 | 11.0% [9.1, 13.0] | 10.3% [9.4, 11.3] |
| Race | | | | | | | | |
| White ^a | 599 | 46,673 | 8.7% [5.5, 12.0] | 4.8% [4.1, 5.6] | 839 | 74,979 | 9.8% [6.6, 13.0] | 8.9% [8.1, 9.8] |
| Black ^a | 586 | 72,447 | 6.1% [4.3, 7.9] | 7.1% [5.6, 8.6] | 585 | 95,023 | 5.3% [3.4, 7.1] | 7.6% [5.7, 9.5] |
| Hispanic | 1,296 | 100,234 | 8.0% [6.2, 9.7] | 9.3% [7.8, 10.8] | 842 | 121,512 | 12.7% [8.9, 16.6] | 13.3% [10.4, 16.2] |
| Other ^a | 352 | 23,970 | 11.1% [6.5, 15.8] | 9.3% [6.3, 12.3] | 290 | 46,372 | 18.2% [11.0, 25.4] | 17.5% [12.4, 22.6] |
| Gender | | | | | | | | |
| Female | 1,561 | 129,697 | 7.2% [5.3, 9.1] | 5.3% [4.6, 6.1] | 1,454 | 173,096 | 8.3% [5.2, 11.4] | 7.3% [6.0, 8.6] |
| Male | 1,462 | 133,233 | 8.6% [6.8, 10.3] | 7.4% [6.5, 8.2] | 1,184 | 179,509 | 13.7% [11.8, 15.6] | 13.1% [12.1, 14.2] |
| Age | | | | | | | | |
| 9–14 | 2,963 | 257,544 | 7.9% [6.5, 9.3] | 6.2% [5.6, 6.9] | 309 | 48,253 | 9.2% [4.7, 13.6] | 9.2% [7.3, 11.2] |
| 15–17 | 57 | 5,005 | 6.6% [-1.2, 14.5] | 14.1% [9.4, 18.8] | 1,963 | 259,910 | 10.3% [8.5, 12.1] | 9.8% [8.9, 10.7] |
| 18+ | -- | -- | -- | -- | 360 | 42,424 | 17.2% [13.1, 21.3] | 14.8% [12.6, 16.9] |
| Grade | | | | | | | | |
| 6th | 785 | 74,246 | 5.8% [3.3, 8.3] | 5.0% [4.0, 5.9] | -- | -- | -- | -- |
| 7th | 1,170 | 95,276 | 9.0% [7.4, 10.7] | 6.5% [5.5, 7.5] | -- | -- | -- | -- |
| 8th | 1,069 | 93,490 | 8.5% [5.2, 11.7] | 7.6% [6.3, 9.0] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 538 | 92,600 | 12.0% [8.1, 15.8] | 10.8% [8.9, 12.6] |
| 10th | -- | -- | -- | -- | 664 | 98,789 | 10.9% [6.9, 14.9] | 9.1% [7.4, 10.8] |
| 11th | -- | -- | -- | -- | 764 | 91,312 | 8.2% [5.8, 10.5] | 9.2% [7.9, 10.6] |
| 12th | -- | -- | -- | -- | 673 | 70,097 | 13.7% [8.9, 18.5] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,094 | 269,051 | 92.4% [90.7, 94.1] | 94.3% [93.5, 95.1] | 2,661 | 356,629 | 91.8% [89.9, 93.7] | 93.4% [92.4, 94.4] |
| Race | | | | | | | | |
| White ^a | 605 | 47,039 | 94.8% [92.3, 97.3] | 96.5% [96.1, 97.0] | 841 | 75,187 | 93.1% [89.6, 96.7] | 95.4% [94.6, 96.2] |
| Black ^a | 596 | 73,338 | 93.3% [90.4, 96.1] | 92.7% [90.7, 94.6] | 595 | 96,498 | 91.4% [88.0, 94.9] | 90.9% [88.5, 93.2] |
| Hispanic | 1,329 | 103,436 | 91.4% [88.9, 93.9] | 91.1% [89.2, 93.0] | 850 | 122,964 | 91.2% [88.5, 94.0] | 90.7% [88.5, 92.8] |
| Other ^a | 364 | 24,338 | 91.5% [87.5, 95.4] | 92.3% [89.7, 94.8] | 292 | 46,857 | 92.1% [87.7, 96.4] | 91.5% [88.3, 94.6] |
| Gender | | | | | | | | |
| Female | 1,592 | 131,842 | 93.7% [91.9, 95.4] | 95.3% [94.5, 96.1] | 1,459 | 174,068 | 92.8% [90.5, 95.0] | 95.3% [94.1, 96.4] |
| Male | 1,501 | 137,127 | 91.1% [88.7, 93.6] | 93.4% [92.3, 94.4] | 1,200 | 182,071 | 90.8% [88.2, 93.3] | 91.7% [90.4, 93.0] |
| Age | | | | | | | | |
| 9–14 | 3,030 | 263,199 | 92.7% [91.0, 94.4] | 94.6% [93.8, 95.4] | 312 | 48,714 | 86.6% [81.7, 91.4] | 91.4% [89.1, 93.6] |
| 15–17 | 60 | 5,389 | 77.0% [63.8, 90.3] | 79.5% [73.2, 85.7] | 1,976 | 262,458 | 92.8% [91.2, 94.5] | 94.1% [93.2, 94.9] |
| 18+ | -- | -- | -- | -- | 365 | 42,950 | 92.4% [88.4, 96.5] | 92.3% [90.5, 94.1] |
| Grade | | | | | | | | |
| 6th | 810 | 77,248 | 94.2% [91.9, 96.5] | 95.2% [94.4, 96.1] | -- | -- | -- | -- |
| 7th | 1,194 | 97,088 | 92.4% [89.8, 94.9] | 94.8% [93.5, 96.0] | -- | -- | -- | -- |
| 8th | 1,090 | 94,715 | 90.9% [87.9, 94.0] | 93.0% [91.7, 94.4] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 544 | 93,684 | 85.9% [81.8, 90.1] | 90.8% [88.7, 92.9] |
| 10th | -- | -- | -- | -- | 667 | 99,381 | 90.8% [87.7, 93.8] | 93.1% [91.6, 94.5] |
| 11th | -- | -- | -- | -- | 771 | 92,838 | 95.6% [92.9, 98.3] | 95.0% [93.8, 96.2] |
| 12th | -- | -- | -- | -- | 679 | 70,725 | 95.9% [94.1, 97.6] | 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
New York City 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 | | | |
|--------------------|--------------------|---------|-----------------------------------|-----------------------------------|--------------------|---------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n† | N‡ | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n† | N‡ | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 3,005 | 261,720 | 86.7% [83.8, 89.6] | 90.6% [89.2, 91.9] | 2,638 | 352,747 | 89.6% [85.9, 93.3] | 92.5% [90.8, 94.1] |
| Race | | | | | | | | |
| White ^a | 596 | 46,167 | 92.8% [89.0, 96.6] | 94.3% [93.6, 95.0] | 835 | 74,164 | 96.1% [94.0, 98.1] | 95.7% [95.1, 96.4] |
| Black ^a | 570 | 71,176 | 87.0% [82.6, 91.5] | 86.7% [83.7, 89.8] | 585 | 95,050 | 86.6% [81.3, 91.9] | 86.6% [83.0, 90.1] |
| Hispanic | 1,294 | 100,051 | 85.7% [81.1, 90.2] | 86.2% [82.7, 89.6] | 843 | 121,599 | 86.5% [81.1, 91.8] | 87.5% [83.4, 91.6] |
| Other ^a | 352 | 24,097 | 85.0% [79.9, 90.1] | 86.7% [83.4, 90.0] | 290 | 46,528 | 92.6% [89.2, 96.0] | 92.5% [90.0, 95.0] |
| Gender | | | | | | | | |
| Female | 1,553 | 129,164 | 89.4% [86.5, 92.3] | 93.1% [91.8, 94.3] | 1,457 | 173,501 | 91.9% [88.0, 95.9] | 94.8% [93.1, 96.6] |
| Male | 1,451 | 132,474 | 84.0% [80.4, 87.6] | 88.1% [86.4, 89.8] | 1,179 | 178,757 | 87.5% [83.3, 91.7] | 90.3% [88.3, 92.2] |
| Age | | | | | | | | |
| 9–14 | 2,941 | 255,770 | 86.7% [83.7, 89.7] | 90.7% [89.3, 92.1] | 317 | 49,576 | 85.3% [77.9, 92.8] | 89.7% [86.4, 93.1] |
| 15–17 | 60 | 5,487 | 87.3% [77.1, 97.6] | 85.8% [80.7, 90.9] | 1,953 | 258,752 | 90.2% [86.8, 93.6] | 93.0% [91.5, 94.6] |
| 18+ | -- | -- | -- | -- | 360 | 41,912 | 91.4% [88.0, 94.8] | 92.2% [90.6, 93.9] |
| Grade | | | | | | | | |
| 6th | 782 | 74,735 | 83.1% [77.8, 88.5] | 89.5% [87.5, 91.5] | -- | -- | -- | -- |
| 7th | 1,158 | 95,304 | 87.9% [84.3, 91.5] | 90.9% [89.2, 92.7] | -- | -- | -- | -- |
| 8th | 1,065 | 91,681 | 88.3% [83.7, 92.8] | 91.2% [89.1, 93.3] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 544 | 93,363 | 84.2% [76.9, 91.4] | 89.3% [85.9, 92.7] |
| 10th | -- | -- | -- | -- | 659 | 98,556 | 87.5% [83.3, 91.7] | 91.8% [89.7, 93.9] |
| 11th | -- | -- | -- | -- | 759 | 90,953 | 92.7% [89.1, 96.4] | 93.9% [92.3, 95.5] |
| 12th | -- | -- | -- | -- | 676 | 69,875 | 95.7% [93.4, 98.1] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 2,954 | 256,700 | 66.5% [62.6, 70.4] | 68.5% [66.8, 70.1] | 2,605 | 347,704 | 71.8% [67.6, 75.9] | 75.3% [73.3, 77.3] |
| Race | | | | | | | | |
| White ^a | 587 | 45,733 | 66.9% [56.6, 77.2] | 71.0% [69.3, 72.7] | 828 | 73,623 | 79.6% [75.9, 83.3] | 79.3% [78.2, 80.4] |
| Black ^a | 562 | 69,904 | 67.4% [61.9, 72.8] | 66.0% [62.3, 69.7] | 575 | 93,455 | 70.3% [62.5, 78.1] | 69.4% [64.3, 74.5] |
| Hispanic | 1,277 | 98,484 | 68.0% [63.2, 72.7] | 67.0% [63.5, 70.6] | 833 | 120,102 | 67.5% [63.4, 71.6] | 69.4% [65.9, 73.0] |
| Other ^a | 342 | 23,540 | 65.2% [60.8, 69.7] | 66.0% [63.0, 69.0] | 286 | 45,692 | 73.9% [67.2, 80.7] | 73.4% [68.6, 78.3] |
| Gender | | | | | | | | |
| Female | 1,531 | 127,740 | 72.3% [69.0, 75.6] | 73.3% [71.8, 74.8] | 1,442 | 171,004 | 76.1% [71.0, 81.2] | 79.7% [77.4, 82.0] |
| Male | 1,422 | 128,878 | 60.7% [55.3, 66.1] | 63.7% [61.4, 65.9] | 1,163 | 176,700 | 67.5% [63.2, 71.8] | 71.1% [69.0, 73.3] |
| Age | | | | | | | | |
| 9–14 | 2,892 | 251,073 | 66.5% [62.4, 70.5] | 68.6% [66.9, 70.3] | 310 | 48,066 | 69.9% [61.8, 77.9] | 73.5% [70.1, 76.9] |
| 15–17 | 59 | 5,285 | 66.9% [50.9, 82.9] | 62.0% [54.3, 69.8] | 1,932 | 255,769 | 71.9% [67.3, 76.5] | 75.9% [73.7, 78.0] |
| 18+ | -- | -- | -- | -- | 356 | 41,658 | 73.8% [67.9, 79.6] | 74.6% [71.9, 77.2] |
| Grade | | | | | | | | |
| 6th | 765 | 72,084 | 62.3% [56.3, 68.3] | 63.6% [61.4, 65.7] | -- | -- | -- | -- |
| 7th | 1,140 | 94,367 | 65.5% [60.5, 70.5] | 68.3% [65.9, 70.8] | -- | -- | -- | -- |
| 8th | 1,049 | 90,248 | 70.8% [64.0, 77.7] | 73.0% [70.1, 76.0] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 533 | 91,259 | 69.3% [63.4, 75.3] | 72.4% [69.6, 75.3] |
| 10th | -- | -- | -- | -- | 652 | 97,222 | 65.0% [57.4, 72.6] | 73.7% [69.9, 77.5] |
| 11th | -- | -- | -- | -- | 752 | 89,991 | 76.6% [70.5, 82.7] | 77.7% [75.1, 80.3] |
| 12th | -- | -- | -- | -- | 668 | 69,232 | 78.2% [74.9, 81.4] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 2,935 | 255,581 | 54.0% [50.3, 57.7] | 54.2% [52.5, 56.0] | 2,604 | 347,888 | 65.2% [60.6, 69.7] | 65.8% [63.9, 67.7] |
| Race | | | | | | | | |
| White ^a | 591 | 45,679 | 56.1% [50.3, 61.9] | 56.1% [54.5, 57.8] | 834 | 74,036 | 73.1% [66.8, 79.3] | 67.9% [66.4, 69.4] |
| Black ^a | 561 | 70,033 | 58.0% [52.4, 63.6] | 55.2% [51.3, 59.2] | 570 | 92,956 | 63.9% [59.0, 68.8] | 63.1% [59.7, 66.6] |
| Hispanic | 1,257 | 97,159 | 51.6% [46.1, 57.2] | 51.0% [46.9, 55.1] | 829 | 119,765 | 62.1% [57.3, 67.0] | 62.2% [58.6, 65.9] |
| Other ^a | 341 | 23,486 | 50.7% [44.9, 56.5] | 50.3% [46.4, 54.2] | 287 | 46,120 | 67.1% [62.5, 71.7] | 66.4% [63.1, 69.7] |
| Gender | | | | | | | | |
| Female | 1,514 | 126,011 | 63.2% [59.1, 67.4] | 62.2% [60.3, 64.0] | 1,437 | 170,657 | 72.0% [67.3, 76.6] | 72.8% [70.7, 74.8] |
| Male | 1,420 | 129,488 | 44.9% [40.5, 49.4] | 46.4% [44.3, 48.5] | 1,165 | 176,742 | 58.7% [53.2, 64.2] | 59.1% [56.9, 61.4] |
| Age | | | | | | | | |
| 9–14 | 2,874 | 250,010 | 54.1% [50.4, 57.8] | 54.4% [52.7, 56.1] | 310 | 48,198 | 62.9% [56.4, 69.3] | 60.9% [57.7, 64.2] |
| 15–17 | 57 | 5,107 | 49.9% [31.6, 68.3] | 46.0% [37.8, 54.2] | 1,929 | 255,494 | 64.6% [59.7, 69.5] | 66.2% [64.0, 68.3] |
| 18+ | -- | -- | -- | -- | 357 | 41,690 | 71.7% [65.8, 77.6] | 69.4% [66.5, 72.2] |
| Grade | | | | | | | | |
| 6th | 764 | 73,124 | 47.2% [41.2, 53.1] | 48.6% [46.0, 51.1] | -- | -- | -- | -- |
| 7th | 1,130 | 93,363 | 54.7% [49.8, 59.6] | 54.7% [52.4, 57.1] | -- | -- | -- | -- |
| 8th | 1,041 | 89,094 | 58.8% [53.4, 64.2] | 59.0% [56.4, 61.5] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 533 | 91,363 | 61.3% [54.9, 67.6] | 61.2% [58.3, 64.1] |
| 10th | -- | -- | -- | -- | 650 | 97,164 | 57.4% [51.0, 63.8] | 61.9% [58.8, 65.0] |
| 11th | -- | -- | -- | -- | 753 | 90,310 | 70.9% [66.0, 75.8] | 70.0% [67.8, 72.2] |
| 12th | -- | -- | -- | -- | 668 | 69,051 | 73.7% [71.1, 76.3] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 2,920 | 253,819 | 78.5% [74.5, 82.5] | 84.8% [83.0, 86.6] | 2,594 | 345,743 | 81.3% [76.7, 85.9] | 85.9% [83.6, 88.3] |
| Race | | | | | | | | |
| White ^a | 590 | 45,731 | 86.8% [81.7, 92.0] | 90.3% [89.1, 91.5] | 832 | 73,549 | 89.2% [84.8, 93.6] | 90.8% [89.6, 91.9] |
| Black ^a | 556 | 68,979 | 76.2% [69.7, 82.6] | 77.7% [73.5, 81.8] | 569 | 92,578 | 80.3% [75.6, 84.9] | 79.3% [75.8, 82.7] |
| Hispanic | 1,254 | 96,880 | 77.5% [71.9, 83.1] | 78.2% [74.0, 82.4] | 827 | 119,349 | 75.7% [68.3, 83.1] | 77.7% [71.9, 83.4] |
| Other ^a | 337 | 23,420 | 77.5% [71.4, 83.7] | 80.3% [76.3, 84.3] | 285 | 45,669 | 85.3% [81.5, 89.1] | 84.5% [81.5, 87.6] |
| Gender | | | | | | | | |
| Female | 1,500 | 124,475 | 82.5% [78.1, 86.9] | 88.4% [86.6, 90.2] | 1,432 | 169,538 | 84.6% [79.7, 89.6] | 89.7% [87.2, 92.1] |
| Male | 1,419 | 129,262 | 74.6% [70.0, 79.2] | 81.2% [79.0, 83.5] | 1,162 | 176,205 | 78.1% [72.5, 83.7] | 82.4% [79.7, 85.1] |
| Age | | | | | | | | |
| 9–14 | 2,857 | 247,976 | 78.7% [74.6, 82.8] | 85.0% [83.2, 86.9] | 309 | 47,886 | 76.5% [69.4, 83.7] | 83.0% [79.1, 86.9] |
| 15–17 | 59 | 5,380 | 73.8% [59.1, 88.5] | 75.8% [69.1, 82.5] | 1,922 | 254,056 | 82.2% [77.7, 86.8] | 86.7% [84.5, 88.9] |
| 18+ | -- | -- | -- | -- | 356 | 41,590 | 81.7% [76.2, 87.1] | 85.1% [82.5, 87.7] |
| Grade | | | | | | | | |
| 6th | 757 | 72,276 | 74.7% [67.5, 81.9] | 83.9% [81.2, 86.6] | -- | -- | -- | -- |
| 7th | 1,124 | 92,918 | 78.9% [73.8, 83.9] | 84.6% [82.1, 87.0] | -- | -- | -- | -- |
| 8th | 1,039 | 88,625 | 81.2% [75.0, 87.5] | 85.9% [83.0, 88.7] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 530 | 90,406 | 74.5% [67.2, 81.8] | 81.7% [77.7, 85.6] |
| 10th | -- | -- | -- | -- | 646 | 96,521 | 78.1% [73.9, 82.2] | 84.8% [82.2, 87.4] |
| 11th | -- | -- | -- | -- | 750 | 89,825 | 84.7% [77.8, 91.6] | 87.8% [84.9, 90.8] |
| 12th | -- | -- | -- | -- | 668 | 68,990 | 90.2% [87.6, 92.9] | 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
New York City 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 | | | |
|--------------------|--------------------|----------------|-----------------------------------|-----------------------------------|--------------------|----------------|-----------------------------------|-----------------------------------|
| | New York City Area | | | State | New York City Area | | | State |
| | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] | n [†] | N [‡] | Estimate [‡] [95% CI] | Estimate [‡] [95% CI] |
| Total | 2,935 | 254,703 | 60.6% [56.8, 64.4] | 65.1% [63.4, 66.7] | 2,600 | 346,858 | 64.8% [59.5, 70.2] | 70.7% [68.1, 73.4] |
| Race | | | | | | | | |
| White ^a | 590 | 45,679 | 64.7% [54.8, 74.6] | 68.6% [66.9, 70.3] | 831 | 73,394 | 70.8% [63.8, 77.8] | 75.5% [74.0, 77.1] |
| Black ^a | 557 | 69,195 | 58.7% [52.8, 64.5] | 60.0% [56.2, 63.8] | 575 | 93,734 | 60.6% [52.0, 69.3] | 61.7% [56.3, 67.1] |
| Hispanic | 1,261 | 97,382 | 63.4% [58.6, 68.2] | 63.5% [59.9, 67.0] | 827 | 119,271 | 64.1% [56.9, 71.2] | 66.2% [60.5, 71.8] |
| Other ^a | 342 | 23,423 | 56.8% [51.2, 62.5] | 59.1% [55.4, 62.9] | 286 | 46,048 | 69.2% [63.9, 74.5] | 68.9% [64.9, 72.9] |
| Gender | | | | | | | | |
| Female | 1,511 | 125,315 | 66.6% [62.8, 70.4] | 69.5% [67.7, 71.3] | 1,436 | 170,185 | 68.7% [62.6, 74.8] | 75.0% [72.2, 77.9] |
| Male | 1,423 | 129,305 | 54.8% [49.8, 59.9] | 60.7% [58.5, 62.9] | 1,164 | 176,673 | 61.1% [54.7, 67.5] | 66.6% [63.6, 69.6] |
| Age | | | | | | | | |
| 9–14 | 2,874 | 248,979 | 60.4% [56.5, 64.4] | 65.1% [63.4, 66.8] | 308 | 47,892 | 60.3% [54.1, 66.5] | 67.9% [64.4, 71.4] |
| 15–17 | 57 | 5,260 | 71.5% [59.1, 83.8] | 65.5% [58.9, 72.2] | 1,928 | 255,139 | 64.5% [58.0, 71.1] | 71.0% [68.0, 74.1] |
| 18+ | -- | -- | -- | -- | 357 | 41,615 | 70.3% [67.0, 73.6] | 71.7% [69.5, 73.8] |
| Grade | | | | | | | | |
| 6th | 761 | 72,594 | 56.5% [49.9, 63.2] | 61.7% [59.2, 64.2] | -- | -- | -- | -- |
| 7th | 1,135 | 93,475 | 60.1% [55.4, 64.8] | 64.7% [62.4, 67.0] | -- | -- | -- | -- |
| 8th | 1,039 | 88,633 | 64.5% [58.0, 71.1] | 68.6% [65.7, 71.5] | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 530 | 90,868 | 60.9% [53.3, 68.5] | 68.3% [64.5, 72.0] |
| 10th | -- | -- | -- | -- | 648 | 96,706 | 60.2% [51.8, 68.5] | 68.8% [64.9, 72.7] |
| 11th | -- | -- | -- | -- | 751 | 89,958 | 68.7% [61.8, 75.7] | 72.5% [69.2, 75.7] |
| 12th | -- | -- | -- | -- | 671 | 69,326 | 71.4% [64.9, 77.9] | 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.