# New York State Youth Tobacco Survey: 2008 

New York City Area

New York State Department of Health April 2010

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## I ntroduction

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 protobacco 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 3,180 | 278,734 | $\begin{gathered} 3.2 \% \\ {[2.3,4.0]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.9,4.0]} \end{gathered}$ | 2,707 | 369,356 | $\begin{gathered} 11.5 \% \\ {[8.2,14.9]} \end{gathered}$ | $\begin{gathered} 14.7 \% \\ {[12.9,16.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 601 | 46,848 | $\begin{gathered} 4.1 \% \\ {[1.8,6.5]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.3,3.4]} \end{gathered}$ | 814 | 73,406 | $\begin{gathered} 24.5 \% \\ {[20.9,28.1]} \end{gathered}$ | $\begin{gathered} 17.7 \% \\ {[16.2,19.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 637 | 78,928 | $\begin{gathered} 2.1 \% \\ {[0.9,3.2]} \end{gathered}$ | $\begin{gathered} 3.9 \% \\ {[2.6,5.2]} \end{gathered}$ | 673 | 108,712 | $\begin{gathered} 4.2 \% \\ {[2.3,6.1]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[4.8,8.9]} \end{gathered}$ |
| Hispanic | 1,338 | 104,526 | $\begin{gathered} 3.5 \% \\ {[2.1,5.0]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[3.3,5.8]} \end{gathered}$ | 846 | 124,476 | $\begin{gathered} 10.4 \% \\ {[6.8,13.9]} \end{gathered}$ | $\begin{gathered} 13.2 \% \\ {[9.7,16.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 387 | 25,493 | $\begin{gathered} 4.1 \% \\ {[0.9,7.4]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.1,6.4]} \end{gathered}$ | 286 | 46,079 | $\begin{gathered} 13.7 \% \\ {[11.1,16.4]} \end{gathered}$ | $\begin{gathered} 14.6 \% \\ {[12.4,16.8]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,615 | 134,467 | $\begin{gathered} 3.4 \% \\ {[2.3,4.4]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.9,4.1]} \end{gathered}$ | 1,478 | 177,367 | $\begin{gathered} 11.1 \% \\ {[6.9,15.2]} \end{gathered}$ | $\begin{gathered} 14.4 \% \\ {[12.3,16.4]} \end{gathered}$ |
| Male | 1,564 | 144,185 | $\begin{gathered} 3.0 \% \\ {[1.6,4.4]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[2.6,4.0]} \end{gathered}$ | 1,229 | 191,989 | $\begin{gathered} 12.0 \% \\ {[7.8,16.1]} \end{gathered}$ | $\begin{gathered} 14.9 \% \\ {[12.9,17.0]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,113 | 272,233 | $\begin{gathered} 2.8 \% \\ {[2.0,3.6]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[2.6,3.5]} \end{gathered}$ | 318 | 50,454 | $\begin{gathered} 6.1 \% \\ {[2.4,9.8]} \end{gathered}$ | $\begin{gathered} 8.9 \% \\ {[6.9,10.8]} \end{gathered}$ |
| 15-17 | 62 | 5,839 | $\begin{gathered} 19.3 \% \\ {[7.4,31.2]} \end{gathered}$ | $\begin{gathered} 25.7 \% \\ {[18.9,32.4]} \end{gathered}$ | 2,002 | 272,024 | $\begin{gathered} 11.4 \% \\ {[7.6,15.2]} \end{gathered}$ | $\begin{gathered} 14.3 \% \\ {[12.5,16.2]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 381 | 44,789 | $\begin{gathered} 19.1 \% \\ {[14.4,23.7]} \end{gathered}$ | $\begin{gathered} 23.6 \% \\ {[20.6,26.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 872 | 86,590 | $\begin{gathered} 1.8 \% \\ {[0.4,3.2]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.1,2.3]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,226 | 97,173 | $\begin{gathered} 2.8 \% \\ {[1.4,4.3]} \end{gathered}$ | $\begin{gathered} 2.5 \% \\ {[1.9,3.2]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,082 | 94,971 | $\begin{gathered} 4.8 \% \\ {[3.3,6.3]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[5.1,7.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 561 | 97,676 | $\begin{gathered} 8.2 \% \\ {[5.3,11.1]} \end{gathered}$ | $\begin{gathered} 10.8 \% \\ {[8.9,12.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 702 | 107,232 | $\begin{gathered} 11.3 \% \\ {[7.3,15.3]} \end{gathered}$ | $\begin{gathered} 12.6 \% \\ {[10.7,14.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 751 | 91,313 | $\begin{gathered} 10.9 \% \\ {[6.2,15.6]} \end{gathered}$ | $\begin{gathered} 14.9 \% \\ {[12.5,17.4]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 693 | 73,135 | $\begin{gathered} 17.2 \% \\ {[11.9,22.5]} \end{gathered}$ | $\begin{gathered} 21.3 \% \\ {[18.7,23.8]} \end{gathered}$ |

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New York City Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 296 | 24,228 | $\begin{gathered} 10.9 \\ {[10.6,11.2]} \end{gathered}$ | $\begin{gathered} 10.9 \\ {[10.7,11.0]} \end{gathered}$ | 843 | 100,530 | $\begin{gathered} 13.0 \\ {[12.6,13.4]} \end{gathered}$ | $\begin{gathered} 13.2 \\ {[13.0,13.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 52 | 3,969 | $\begin{gathered} 10.9 \\ {[10.2,11.6]} \end{gathered}$ | $\begin{gathered} 11.1 \\ {[10.9,11.2]} \end{gathered}$ | 346 | 31,308 | $\begin{gathered} 13.1 \\ {[12.3,13.9]} \end{gathered}$ | $\begin{gathered} 13.4 \\ {[13.3,13.6]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 59 | 6,317 | $\begin{gathered} 10.8 \\ {[10.2,11.4]} \end{gathered}$ | $\begin{gathered} 10.7 \\ {[10.3,11.1]} \end{gathered}$ | 102 | 15,507 | $\begin{gathered} 12.4 \\ {[12.0,12.8]} \end{gathered}$ | $\begin{gathered} 12.4 \\ {[12.2,12.7]} \end{gathered}$ |
| Hispanic | 128 | 9,800 | $\begin{gathered} 11.0 \\ {[10.5,11.5]} \end{gathered}$ | $\begin{gathered} 10.8 \\ {[10.5,11.2]} \end{gathered}$ | 281 | 35,910 | $\begin{gathered} 13.0 \\ {[12.5,13.4]} \end{gathered}$ | $\begin{gathered} 12.8 \\ {[12.5,13.1]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 10.5 \\ {[9.9,11.0]} \end{gathered}$ | 86 | 13,863 | $\begin{gathered} 13.5 \\ {[12.8,14.3]} \end{gathered}$ | $\begin{gathered} 13.2 \\ {[12.6,13.8]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 153 | 11,910 | $\begin{gathered} 11.0 \\ {[10.6,11.5]} \end{gathered}$ | $\begin{gathered} 11.1 \\ {[10.8,11.3]} \end{gathered}$ | 449 | 47,091 | $\begin{gathered} 13.0 \\ {[12.6,13.4]} \end{gathered}$ | $\begin{gathered} 13.3 \\ {[13.1,13.5]} \end{gathered}$ |
| Male | 143 | 12,318 | $\begin{gathered} 10.7 \\ {[10.4,11.1]} \end{gathered}$ | $\begin{gathered} 10.7 \\ {[10.5,10.9]} \end{gathered}$ | 394 | 53,439 | $\begin{gathered} 12.9 \\ {[12.4,13.4]} \end{gathered}$ | $\begin{gathered} 13.1 \\ {[12.8,13.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 275 | 21,585 | $\begin{gathered} 10.7 \\ {[10.5,11.0]} \end{gathered}$ | $\begin{gathered} 10.8 \\ {[10.6,10.9]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 11.5 \\ {[11.2,11.8]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 11.7 \\ {[11.2,12.3]} \end{gathered}$ | 644 | 74,268 | $\begin{gathered} 13.0 \\ {[12.7,13.3]} \end{gathered}$ | $\begin{gathered} 13.2 \\ {[13.1,13.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 153 | 17,801 | $\begin{gathered} 13.5 \\ {[12.7,14.3]} \end{gathered}$ | $\begin{gathered} 13.9 \\ {[13.5,14.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 9.4 \\ {[9.2,9.7]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 109 | 8,704 | $\begin{gathered} 10.6 \\ {[10.1,11.0]} \end{gathered}$ | $\begin{gathered} 10.7 \\ {[10.4,10.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 153 | 12,498 | $\begin{gathered} 11.5 \\ {[11.0,11.9]} \end{gathered}$ | $\begin{gathered} 11.4 \\ {[11.1,11.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 104 | 18,584 | $\begin{gathered} 11.7 \\ {[11.4,12.1]} \end{gathered}$ | $\begin{gathered} 12.0 \\ {[11.8,12.3]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 202 | 27,725 | $\begin{gathered} 13.0 \\ {[12.4,13.5]} \end{gathered}$ | $\begin{gathered} 12.9 \\ {[12.6,13.1]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 268 | 25,445 | $\begin{gathered} 13.4 \\ {[13.0,13.8]} \end{gathered}$ | $\begin{gathered} 13.5 \\ {[13.3,13.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 269 | 28,776 | $\begin{gathered} 13.5 \\ {[12.8,14.1]} \end{gathered}$ | $\begin{gathered} 13.8 \\ {[13.6,14.0]} \end{gathered}$ |

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

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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 3,003 | 260,902 | $\begin{gathered} 4.4 \% \\ {[3.2,5.5]} \end{gathered}$ | $\begin{gathered} 4.1 \% \\ {[3.5,4.7]} \end{gathered}$ | 2,628 | 350,777 | $\begin{gathered} 9.9 \% \\ {[7.3,12.5]} \end{gathered}$ | $\begin{gathered} 12.8 \% \\ {[11.5,14.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 587 | 46,132 | $\begin{gathered} 3.2 \% \\ {[1.1,5.2]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.3,3.4]} \end{gathered}$ | 832 | 73,848 | $\begin{gathered} 15.8 \% \\ {[9.6,22.0]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[13.1,15.8]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 590 | 72,537 | $\begin{gathered} 3.8 \% \\ {[2.1,5.6]} \end{gathered}$ | $\begin{gathered} 4.9 \% \\ {[3.6,6.3]} \end{gathered}$ | 587 | 94,436 | $\begin{gathered} 6.0 \% \\ {[4.1,7.8]} \end{gathered}$ | $\begin{gathered} 7.9 \% \\ {[6.2,9.7]} \end{gathered}$ |
| Hispanic | 1,276 | 98,181 | $\begin{gathered} 5.3 \% \\ {[3.5,7.1]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.0,8.0]} \end{gathered}$ | 842 | 122,246 | $\begin{gathered} 8.6 \% \\ {[6.3,11.0]} \end{gathered}$ | $\begin{gathered} 11.1 \% \\ {[8.7,13.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 357 | 23,749 | $\begin{gathered} 5.9 \% \\ {[1.7,10.0]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[3.4,8.7]} \end{gathered}$ | 287 | 46,113 | $\begin{gathered} 11.6 \% \\ {[7.1,16.2]} \end{gathered}$ | $\begin{gathered} 13.8 \% \\ {[10.2,17.5]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,555 | 128,800 | $\begin{gathered} 3.4 \% \\ {[2.0,4.7]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.3,3.5]} \end{gathered}$ | 1,450 | 172,113 | $\begin{gathered} 6.0 \% \\ {[4.1,7.9]} \end{gathered}$ | $\begin{gathered} 7.2 \% \\ {[6.3,8.2]} \end{gathered}$ |
| Male | 1,447 | 132,020 | $\begin{gathered} 5.3 \% \\ {[3.8,6.9]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.5,6.1]} \end{gathered}$ | 1,178 | 178,663 | $\begin{gathered} 13.7 \% \\ {[9.6,17.7]} \end{gathered}$ | $\begin{gathered} 18.2 \% \\ {[16.1,20.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,942 | 255,258 | $\begin{gathered} 4.1 \% \\ {[2.9,5.2]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[3.3,4.4]} \end{gathered}$ | 306 | 48,083 | $\begin{gathered} 10.2 \% \\ {[5.5,14.8]} \end{gathered}$ | $\begin{gathered} 9.7 \% \\ {[7.8,11.7]} \end{gathered}$ |
| 15-17 | 57 | 5,181 | $\begin{gathered} 16.2 \% \\ {[3.1,29.3]} \end{gathered}$ | $\begin{gathered} 19.4 \% \\ {[12.5,26.2]} \end{gathered}$ | 1,953 | 258,181 | $\begin{gathered} 9.1 \% \\ {[6.5,11.7]} \end{gathered}$ | $\begin{gathered} 12.4 \% \\ {[11.0,13.8]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 362 | 42,301 | $\begin{gathered} 13.8 \% \\ {[9.5,18.2]} \end{gathered}$ | $\begin{gathered} 18.8 \% \\ {[16.2,21.4]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 791 | 75,501 | $\begin{gathered} 2.7 \% \\ {[0.8,4.5]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.6,3.0]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,156 | 93,078 | $\begin{gathered} 4.9 \% \\ {[3.5,6.4]} \end{gathered}$ | $\begin{gathered} 3.7 \% \\ {[2.9,4.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,056 | 92,322 | $\begin{gathered} 5.1 \% \\ {[3.0,7.3]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[5.0,7.4]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 537 | 92,539 | $\begin{gathered} 11.6 \% \\ {[8.4,14.8]} \end{gathered}$ | $\begin{gathered} 11.0 \% \\ {[9.5,12.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 658 | 98,060 | $\begin{gathered} 8.7 \% \\ {[5.6,11.9]} \end{gathered}$ | $\begin{gathered} 10.9 \% \\ {[9.4,12.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 760 | 89,930 | $\begin{gathered} 8.0 \% \\ {[5.5,10.5]} \end{gathered}$ | $\begin{gathered} 12.8 \% \\ {[10.9,14.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 673 | 70,247 | $\begin{gathered} 11.7 \% \\ {[8.0,15.4]} \end{gathered}$ | $\begin{gathered} 17.3 \% \\ {[15.3,19.3]} \end{gathered}$ |

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.
$\dagger$ Sample population.
$\ddagger$ Weighted total population.
${ }^{a}$ Non-Hispanic.

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New York City Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 3,109 | 270,562 | $\begin{gathered} 2.8 \% \\ {[2.0,3.7]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[2.3,3.1]} \end{gathered}$ | 2,656 | 356,000 | $\begin{gathered} 6.7 \% \\ {[4.6,8.8]} \end{gathered}$ | $\begin{gathered} 9.1 \% \\ {[8.1,10.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 605 | 47,296 | $\begin{gathered} 2.2 \% \\ {[0.5,3.8]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.4,2.1]} \end{gathered}$ | 840 | 75,881 | $\begin{gathered} 12.1 \% \\ {[5.7,18.5]} \end{gathered}$ | $\begin{gathered} 10.5 \% \\ {[9.3,11.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 605 | 74,604 | $\begin{gathered} 2.7 \% \\ {[1.1,4.3]} \end{gathered}$ | $\begin{gathered} 3.4 \% \\ {[2.2,4.5]} \end{gathered}$ | 593 | 95,473 | $\begin{gathered} 4.2 \% \\ {[2.6,5.8]} \end{gathered}$ | $\begin{gathered} 5.5 \% \\ {[4.1,7.0]} \end{gathered}$ |
| Hispanic | 1,317 | 102,174 | $\begin{gathered} 3.2 \% \\ {[2.0,4.4]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[3.2,5.3]} \end{gathered}$ | 850 | 123,599 | $\begin{gathered} 5.8 \% \\ {[4.1,7.4]} \end{gathered}$ | $\begin{gathered} 7.8 \% \\ {[6.1,9.5]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 370 | 24,291 | $\begin{gathered} 3.9 \% \\ {[0.7,7.1]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.2,6.4]} \end{gathered}$ | 292 | 46,928 | $\begin{gathered} 5.7 \% \\ {[2.7,8.6]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[5.6,11.5]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,605 | 132,837 | $\begin{gathered} 2.1 \% \\ {[1.1,3.0]} \end{gathered}$ | $\begin{gathered} 1.6 \% \\ {[1.2,2.0]} \end{gathered}$ | 1,467 | 174,605 | $\begin{gathered} 3.7 \% \\ {[2.7,4.6]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[4.2,5.4]} \end{gathered}$ |
| Male | 1,503 | 137,643 | $\begin{gathered} 3.5 \% \\ {[2.2,4.9]} \end{gathered}$ | $\begin{gathered} 3.6 \% \\ {[2.9,4.3]} \end{gathered}$ | 1,188 | 181,202 | $\begin{gathered} 9.6 \% \\ {[6.3,12.9]} \end{gathered}$ | $\begin{gathered} 13.2 \% \\ {[11.6,14.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,046 | 264,586 | $\begin{gathered} 2.6 \% \\ {[1.9,3.4]} \end{gathered}$ | $\begin{gathered} 2.5 \% \\ {[2.1,2.9]} \end{gathered}$ | 316 | 49,257 | $\begin{gathered} 6.6 \% \\ {[3.4,9.7]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[5.4,8.1]} \end{gathered}$ |
| 15-17 | 59 | 5,513 | $\begin{gathered} 9.9 \% \\ {[-2.8,22.6]} \end{gathered}$ | $\begin{gathered} 13.1 \% \\ {[6.9,19.4]} \end{gathered}$ | 1,963 | 260,977 | $\begin{gathered} 5.8 \% \\ {[3.5,8.1]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[7.4,9.7]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 370 | 43,554 | $\begin{gathered} 11.3 \% \\ {[6.4,16.1]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.5,17.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 825 | 79,184 | $\begin{gathered} 1.8 \% \\ {[0.3,3.3]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[0.9,2.0]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,198 | 96,315 | $\begin{gathered} 3.1 \% \\ {[1.8,4.4]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.7,2.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,086 | 95,063 | $\begin{gathered} 3.4 \% \\ {[1.9,4.9]} \end{gathered}$ | $\begin{gathered} 4.2 \% \\ {[3.4,5.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 548 | 94,200 | $\begin{gathered} 8.2 \% \\ {[6.3,10.1]} \end{gathered}$ | $\begin{gathered} 7.7 \% \\ {[6.6,8.8]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 668 | 100,049 | $\begin{gathered} 5.4 \% \\ {[2.1,8.7]} \end{gathered}$ | $\begin{gathered} 7.4 \% \\ {[5.9,8.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 757 | 90,063 | $\begin{gathered} 4.5 \% \\ {[2.5,6.5]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[7.2,9.9]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 683 | 71,687 | $\begin{gathered} 9.3 \% \\ {[5.6,13.1]} \end{gathered}$ | $\begin{gathered} 13.4 \% \\ {[11.6,15.3]} \end{gathered}$ |

[^2]
## New York State Youth Tobacco Survey: 2008 New York City Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New York City Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 3,100 | 268,800 | $\begin{gathered} 1.5 \% \\ {[0.9,2.1]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.5,2.1]} \end{gathered}$ | 2,655 | 354,748 | $\begin{gathered} 2.8 \% \\ {[1.9,3.7]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[4.0,5.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 599 | 46,988 | $\begin{gathered} 1.4 \% \\ {[0.1,2.6]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.1,1.7]} \end{gathered}$ | 837 | 74,538 | $\begin{gathered} 3.9 \% \\ {[1.3,6.5]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.5,6.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 608 | 74,380 | $\begin{gathered} 0.9 \% \\ {[0.1,1.8]} \end{gathered}$ | $\begin{gathered} 2.1 \% \\ {[1.2,3.1]} \end{gathered}$ | 598 | 96,070 | $\begin{gathered} 2.0 \% \\ {[1.3,2.6]} \end{gathered}$ | $\begin{gathered} 3.2 \% \\ {[2.3,4.1]} \end{gathered}$ |
| Hispanic | 1,315 | 101,908 | $\begin{gathered} 2.0 \% \\ {[0.9,3.1]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[1.7,3.6]} \end{gathered}$ | 853 | 123,956 | $\begin{gathered} 3.0 \% \\ {[1.5,4.5]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.9,5.7]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 373 | 24,558 | $\begin{gathered} 2.6 \% \\ {[-0.4,5.5]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[1.0,4.9]} \end{gathered}$ | 284 | 45,310 | $\begin{gathered} 2.2 \% \\ {[0.5,3.9]} \end{gathered}$ | $\begin{gathered} 4.4 \% \\ {[2.5,6.3]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,597 | 132,287 | $\begin{gathered} 1.0 \% \\ {[0.3,1.6]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.4]} \end{gathered}$ | 1,466 | 173,591 | $\begin{gathered} 1.5 \% \\ {[0.2,2.8]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.2,2.3]} \end{gathered}$ |
| Male | 1,502 | 136,432 | $\begin{gathered} 2.1 \% \\ {[1.2,3.0]} \end{gathered}$ | $\begin{gathered} 2.6 \% \\ {[2.1,3.0]} \end{gathered}$ | 1,189 | 181,157 | $\begin{gathered} 4.0 \% \\ {[2.6,5.4]} \end{gathered}$ | $\begin{gathered} 7.5 \% \\ {[6.3,8.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,037 | 262,724 | $\begin{gathered} 1.4 \% \\ {[0.8,2.0]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.4,2.0]} \end{gathered}$ | 308 | 48,360 | $\begin{gathered} 2.4 \% \\ {[0.1,4.7]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[2.8,4.9]} \end{gathered}$ |
| 15-17 | 58 | 5,346 | $\begin{gathered} 5.0 \% \\ {[-4.8,14.8]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[3.4,13.5]} \end{gathered}$ | 1,971 | 261,066 | $\begin{gathered} 2.6 \% \\ {[1.7,3.5]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[3.8,5.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 369 | 43,112 | $\begin{gathered} 3.4 \% \\ {[1.2,5.5]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[4.7,7.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 822 | 78,341 | $\begin{gathered} 1.7 \% \\ {[0.3,3.1]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[0.9,2.0]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,205 | 96,293 | $\begin{gathered} 1.3 \% \\ {[0.6,2.0]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.0,1.7]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,073 | 94,165 | $\begin{gathered} 1.6 \% \\ {[0.8,2.4]} \end{gathered}$ | $\begin{gathered} 2.6 \% \\ {[2.1,3.2]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 545 | 93,661 | $\begin{gathered} 3.2 \% \\ {[1.7,4.7]} \end{gathered}$ | $\begin{gathered} 4.5 \% \\ {[3.6,5.4]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 665 | 99,733 | $\begin{gathered} 3.1 \% \\ {[1.5,4.8]} \end{gathered}$ | $\begin{gathered} 4.1 \% \\ {[3.2,4.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 768 | 90,834 | $\begin{gathered} 2.2 \% \\ {[0.9,3.4]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[3.7,5.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 677 | 70,520 | $\begin{gathered} 2.6 \% \\ {[1.3,3.8]} \end{gathered}$ | $\begin{gathered} 5.7 \% \\ {[4.7,6.7]} \end{gathered}$ |

Note: Current smokeless tobacco use is defined as having used smokeless tobacco on 1 or more of the past 30 days.
† Sample population.
$\ddagger$ 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 3,096 | 269,266 | $\begin{gathered} 1.5 \% \\ {[0.8,2.1]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.2,1.8]} \end{gathered}$ | 2,649 | 353,377 | $\begin{gathered} 3.6 \% \\ {[2.6,4.6]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[3.3,4.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 601 | 47,119 | $\begin{gathered} 1.5 \% \\ {[0.3,2.7]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.7,1.2]} \end{gathered}$ | 841 | 75,562 | $\begin{gathered} 4.3 \% \\ {[0.8,7.9]} \end{gathered}$ | $\begin{gathered} 3.4 \% \\ {[2.7,4.0]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 606 | 74,544 | $\begin{gathered} 0.9 \% \\ {[0.2,1.7]} \end{gathered}$ | $\begin{gathered} 1.6 \% \\ {[1.0,2.3]} \end{gathered}$ | 591 | 94,631 | $\begin{gathered} 2.3 \% \\ {[1.5,3.2]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[2.4,4.2]} \end{gathered}$ |
| Hispanic | 1,312 | 101,456 | $\begin{gathered} 1.8 \% \\ {[0.9,2.7]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[1.9,3.5]} \end{gathered}$ | 848 | 122,787 | $\begin{gathered} 3.4 \% \\ {[1.2,5.5]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[2.8,6.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 372 | 24,652 | $\begin{gathered} 2.7 \% \\ {[-0.1,5.5]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[1.1,4.8]} \end{gathered}$ | 288 | 46,062 | $\begin{gathered} 5.6 \% \\ {[2.9,8.3]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[4.3,8.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,597 | 132,315 | $\begin{gathered} 1.2 \% \\ {[0.4,2.1]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.4]} \end{gathered}$ | 1,466 | 173,584 | $\begin{gathered} 2.1 \% \\ {[1.2,3.0]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.8,2.7]} \end{gathered}$ |
| Male | 1,498 | 136,869 | $\begin{gathered} 1.7 \% \\ {[0.9,2.5]} \end{gathered}$ | $\begin{gathered} 1.9 \% \\ {[1.5,2.3]} \end{gathered}$ | 1,182 | 179,600 | $\begin{gathered} 5.0 \% \\ {[3.4,6.6]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.5,6.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,034 | 263,492 | $\begin{gathered} 1.3 \% \\ {[0.7,1.9]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.1,1.7]} \end{gathered}$ | 308 | 47,952 | $\begin{gathered} 3.2 \% \\ {[0.7,5.6]} \end{gathered}$ | $\begin{gathered} 3.6 \% \\ {[2.5,4.7]} \end{gathered}$ |
| 15-17 | 58 | 5,311 | $\begin{gathered} 6.4 \% \\ {[-3.8,16.6]} \end{gathered}$ | $\begin{gathered} 8.2 \% \\ {[3.0,13.4]} \end{gathered}$ | 1,967 | 260,359 | $\begin{gathered} 3.1 \% \\ {[2.3,3.9]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[3.1,4.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 368 | 43,026 | $\begin{gathered} 6.3 \% \\ {[2.0,10.5]} \end{gathered}$ | $\begin{gathered} 5.9 \% \\ {[4.0,7.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 818 | 78,546 | $\begin{gathered} 1.3 \% \\ {[0.0,2.5]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.6,1.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,198 | 96,247 | $\begin{gathered} 1.3 \% \\ {[0.6,2.1]} \end{gathered}$ | $\begin{gathered} 1.2 \% \\ {[0.8,1.6]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,080 | 94,472 | $\begin{gathered} 1.7 \% \\ {[0.5,3.0]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.7,2.9]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 538 | 92,423 | $\begin{gathered} 3.3 \% \\ {[2.0,4.6]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.8,4.2]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 666 | 99,446 | $\begin{gathered} 3.3 \% \\ {[1.5,5.2]} \end{gathered}$ | $\begin{gathered} 3.6 \% \\ {[2.8,4.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 761 | 90,039 | $\begin{gathered} 3.1 \% \\ {[1.6,4.7]} \end{gathered}$ | $\begin{gathered} 3.7 \% \\ {[2.8,4.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 684 | 71,469 | $\begin{gathered} 4.8 \% \\ {[2.1,7.5]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[3.5,5.7]} \end{gathered}$ |

[^3]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 3,056 | 265,378 | $\begin{gathered} 1.6 \% \\ {[0.9,2.4]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.1,1.8]} \end{gathered}$ | 2,649 | 353,603 | $\begin{gathered} 7.0 \% \\ {[4.6,9.4]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.3,7.7]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 595 | 46,702 | $\begin{gathered} 1.8 \% \\ {[0.4,3.2]} \end{gathered}$ | $\begin{gathered} 0.8 \% \\ {[0.6,1.1]} \end{gathered}$ | 841 | 75,528 | $\begin{gathered} 16.5 \% \\ {[14.1,18.9]} \end{gathered}$ | $\begin{gathered} 6.9 \% \\ {[5.5,8.3]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 594 | 72,712 | $\begin{gathered} 1.0 \% \\ {[-0.2,2.1]} \end{gathered}$ | $\begin{gathered} 1.6 \% \\ {[0.7,2.6]} \end{gathered}$ | 589 | 94,250 | $\begin{gathered} 2.8 \% \\ {[1.5,4.1]} \end{gathered}$ | $\begin{gathered} 3.9 \% \\ {[2.6,5.2]} \end{gathered}$ |
| Hispanic | 1,298 | 100,222 | $\begin{gathered} 2.0 \% \\ {[0.9,3.0]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[1.8,3.7]} \end{gathered}$ | 846 | 122,586 | $\begin{gathered} 4.7 \% \\ {[2.2,7.2]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[3.9,8.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 364 | 24,286 | $\begin{gathered} 3.3 \% \\ {[0.3,6.3]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[1.4,5.2]} \end{gathered}$ | 291 | 46,747 | $\begin{gathered} 7.1 \% \\ {[3.6,10.5]} \end{gathered}$ | $\begin{gathered} 9.6 \% \\ {[6.2,13.0]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,577 | 130,488 | $\begin{gathered} 1.5 \% \\ {[0.7,2.4]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.4]} \end{gathered}$ | 1,468 | 174,427 | $\begin{gathered} 5.5 \% \\ {[3.2,7.8]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[3.6,5.8]} \end{gathered}$ |
| Male | 1,478 | 134,808 | $\begin{gathered} 1.7 \% \\ {[0.8,2.6]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.3,2.2]} \end{gathered}$ | 1,181 | 179,176 | $\begin{gathered} 8.5 \% \\ {[5.5,11.5]} \end{gathered}$ | $\begin{gathered} 8.2 \% \\ {[6.7,9.6]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,997 | 260,200 | $\begin{gathered} 1.6 \% \\ {[0.9,2.3]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.1,1.7]} \end{gathered}$ | 310 | 48,146 | $\begin{gathered} 4.2 \% \\ {[1.5,6.9]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[3.4,6.1]} \end{gathered}$ |
| 15-17 | 55 | 4,715 | $\begin{gathered} 1.5 \% \\ {[-1.5,4.6]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[3.1,10.1]} \end{gathered}$ | 1,964 | 260,360 | $\begin{gathered} 7.0 \% \\ {[4.3,9.6]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[4.9,7.5]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 370 | 43,411 | $\begin{gathered} 10.6 \% \\ {[7.0,14.2]} \end{gathered}$ | $\begin{gathered} 10.2 \% \\ {[8.1,12.3]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 807 | 77,482 | $\begin{gathered} 1.6 \% \\ {[0.2,3.1]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.6,1.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,184 | 95,165 | $\begin{gathered} 1.4 \% \\ {[0.5,2.2]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.5]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,065 | 92,731 | $\begin{gathered} 1.9 \% \\ {[0.8,3.1]} \end{gathered}$ | $\begin{gathered} 2.2 \% \\ {[1.6,2.8]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 539 | 92,403 | $\begin{gathered} 5.3 \% \\ {[3.7,6.9]} \end{gathered}$ | $\begin{gathered} 4.9 \% \\ {[3.8,6.0]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 666 | 100,114 | $\begin{gathered} 7.0 \% \\ {[3.7,10.3]} \end{gathered}$ | $\begin{gathered} 5.9 \% \\ {[4.5,7.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 760 | 89,379 | $\begin{gathered} 5.7 \% \\ {[3.0,8.4]} \end{gathered}$ | $\begin{gathered} 5.6 \% \\ {[4.4,6.9]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 684 | 71,707 | $\begin{gathered} 10.7 \% \\ {[7.1,14.3]} \end{gathered}$ | $\begin{gathered} 9.9 \% \\ {[7.9,11.9]} \end{gathered}$ |

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

[^4]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \quad \text { CI }]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 3,038 | 264,465 | $\begin{gathered} 1.4 \% \\ {[0.7,2.0]} \end{gathered}$ | $\begin{gathered} 1.2 \% \\ {[0.9,1.5]} \end{gathered}$ | 2,636 | $\begin{gathered} 350,79 \\ 3 \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[2.0,3.5]} \end{gathered}$ | $\begin{gathered} 3.1 \% \\ {[2.6,3.5]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 591 | 46,664 | $\begin{gathered} 1.0 \% \\ {[0.1,2.0]} \end{gathered}$ | $\begin{gathered} 0.6 \% \\ {[0.5,0.8]} \end{gathered}$ | 838 | 74,019 | $\begin{gathered} 4.2 \% \\ {[2.3,6.2]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[2.3,3.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 592 | 72,467 | $\begin{gathered} 0.8 \% \\ {[-0.2,1.7]} \end{gathered}$ | $\begin{gathered} 1.3 \% \\ {[0.5,2.1]} \end{gathered}$ | 587 | 94,438 | $\begin{gathered} 1.4 \% \\ {[0.6,2.3]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.5,3.2]} \end{gathered}$ |
| Hispanic | 1,297 | 100,102 | $\begin{gathered} 2.0 \% \\ {[0.8,3.2]} \end{gathered}$ | $\begin{gathered} 2.6 \% \\ {[1.6,3.5]} \end{gathered}$ | 844 | $\begin{gathered} 122,59 \\ 1 \end{gathered}$ | $\begin{gathered} 3.2 \% \\ {[1.8,4.7]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.9,5.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 360 | 24,108 | $\begin{gathered} 2.4 \% \\ {[-0.3,5.0]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[0.6,4.1]} \end{gathered}$ | 284 | 44,803 | $\begin{gathered} 1.8 \% \\ {[0.0,3.7]} \end{gathered}$ | $\begin{gathered} 3.9 \% \\ {[1.9,5.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,566 | 129,875 | $\begin{gathered} 1.1 \% \\ {[0.4,1.9]} \end{gathered}$ | $\begin{gathered} 0.9 \% \\ {[0.6,1.2]} \end{gathered}$ | 1,452 | $\begin{gathered} 171,71 \\ 0 \end{gathered}$ | $\begin{gathered} 1.9 \% \\ {[0.8,2.9]} \end{gathered}$ | $\begin{gathered} 2.0 \% \\ {[1.5,2.5]} \end{gathered}$ |
| Male | 1,471 | 134,507 | $\begin{gathered} 1.6 \% \\ {[0.7,2.5]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.0,1.9]} \end{gathered}$ | 1,182 | $\begin{gathered} 178,59 \\ 4 \end{gathered}$ | $\begin{gathered} 3.6 \% \\ {[2.4,4.8]} \end{gathered}$ | $\begin{gathered} 4.1 \% \\ {[3.4,4.7]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,978 | 258,971 | $\begin{gathered} 1.2 \% \\ {[0.6,1.9]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.8,1.4]} \end{gathered}$ | 308 | 47,728 | $\begin{gathered} 2.6 \% \\ {[-0.6,5.7]} \end{gathered}$ | $\begin{gathered} 3.2 \% \\ {[1.8,4.6]} \end{gathered}$ |
| 15-17 | 56 | 5,031 | $\begin{gathered} 6.5 \% \\ {[-3.8,16.7]} \end{gathered}$ | $\begin{gathered} 8.0 \% \\ {[2.6,13.4]} \end{gathered}$ | 1,955 | $\begin{gathered} 258,52 \\ 5 \end{gathered}$ | $\begin{gathered} 2.2 \% \\ {[1.6,2.9]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[2.3,3.1]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 365 | 42,033 | $\begin{gathered} 5.0 \% \\ {[3.1,6.9]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[3.8,5.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 803 | 76,853 | $\begin{gathered} 1.7 \% \\ {[0.1,3.2]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.4,1.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,174 | 94,642 | $\begin{gathered} 1.2 \% \\ {[0.5,2.0]} \end{gathered}$ | $\begin{gathered} 0.9 \% \\ {[0.5,1.3]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,061 | 92,970 | $\begin{gathered} 1.2 \% \\ {[0.3,2.1]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.2,2.2]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 533 | 90,818 | $\begin{gathered} 2.7 \% \\ {[1.4,3.9]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.2,3.5]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 665 | 98,986 | $\begin{gathered} 2.9 \% \\ {[1.2,4.7]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[2.1,3.6]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 760 | 90,273 | $\begin{gathered} 1.4 \% \\ {[0.5,2.4]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.6,3.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 678 | 70,715 | $\begin{gathered} 4.3 \% \\ {[2.3,6.2]} \end{gathered}$ | $\begin{gathered} 4.5 \% \\ {[3.6,5.3]} \end{gathered}$ |

[^5]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  |  |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 231 | 18,947 | $\begin{gathered} 62.4 \% \\ {[54.7,70.0]} \end{gathered}$ | $\begin{gathered} 66.4 \% \\ {[62.4,70.4]} \end{gathered}$ | 502 | 61,003 | $\begin{gathered} 52.1 \% \\ {[45.5,58.7]} \end{gathered}$ | $\begin{gathered} 60.1 \% \\ {[57.0,63.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 70.6 \% \\ {[65.8,75.5]} \end{gathered}$ | 231 | 21,210 | $\begin{gathered} 47.8 \% \\ {[40.0,55.6]} \end{gathered}$ | $\begin{gathered} 61.1 \% \\ {[58.0,64.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 62.1 \% \\ {[47.2,77.0]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 63.6 \% \\ {[52.2,75.1]} \end{gathered}$ |
| Hispanic | 108 | 8,400 | $\begin{gathered} 62.6 \% \\ {[52.9,72.2]} \end{gathered}$ | $\begin{gathered} 64.7 \% \\ {[57.8,71.6]} \end{gathered}$ | 156 | 20,475 | $\begin{gathered} 54.8 \% \\ {[46.7,62.9]} \end{gathered}$ | $\begin{gathered} 58.1 \% \\ {[52.7,63.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 66.5 \% \\ {[52.9,80.2]} \end{gathered}$ | 57 | 10,100 | $\begin{gathered} 47.4 \% \\ {[32.7,62.1]} \end{gathered}$ | $\begin{gathered} 51.1 \% \\ {[40.7,61.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 115 | 8,559 | $\begin{gathered} 71.2 \% \\ {[60.2,82.2]} \end{gathered}$ | $\begin{gathered} 72.1 \% \\ {[66.5,77.6]} \end{gathered}$ | 252 | 26,796 | $\begin{gathered} 58.1 \% \\ {[53.0,63.2]} \end{gathered}$ | $\begin{gathered} 68.1 \% \\ {[64.9,71.3]} \end{gathered}$ |
| Male | 116 | 10,388 | $\begin{gathered} 55.1 \% \\ {[44.3,65.9]} \end{gathered}$ | $\begin{gathered} 61.3 \% \\ {[55.6,67.0]} \end{gathered}$ | 250 | 34,207 | $\begin{gathered} 47.4 \% \\ {[39.7,55.1]} \end{gathered}$ | $\begin{gathered} 53.3 \% \\ {[49.4,57.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 215 | 17,027 | $\begin{gathered} 61.3 \% \\ {[54.0,68.5]} \end{gathered}$ | $\begin{gathered} 65.6 \% \\ {[61.8,69.4]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 65.2 \% \\ {[55.0,75.4]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 73.9 \% \\ {[58.5,89.3]} \end{gathered}$ | 375 | 43,275 | $\begin{gathered} 59.3 \% \\ {[51.6,67.0]} \end{gathered}$ | $\begin{gathered} 67.1 \% \\ {[63.9,70.4]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 88 | 11,285 | $\begin{gathered} 28.9 \% \\ {[20.6,37.3]} \end{gathered}$ | $\begin{gathered} 29.0 \% \\ {[24.3,33.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 54.7 \% \\ {[43.6,65.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 84 | 6,267 | $\begin{gathered} 53.3 \% \\ {[40.6,66.1]} \end{gathered}$ | $\begin{gathered} 61.0 \% \\ {[53.0,69.1]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 112 | 9,195 | $\begin{gathered} 75.9 \% \\ {[66.6,85.3]} \end{gathered}$ | $\begin{gathered} 72.8 \% \\ {[68.4,77.3]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 81 | 14,706 | $\begin{gathered} 56.9 \% \\ {[45.2,68.6]} \end{gathered}$ | $\begin{gathered} 69.3 \% \\ {[62.8,75.8]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 115 | 16,167 | $\begin{gathered} 61.2 \% \\ {[48.6,73.8]} \end{gathered}$ | $\begin{gathered} 69.3 \% \\ {[63.8,74.8]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 160 | 14,396 | $\begin{gathered} 57.1 \% \\ {[46.3,68.0]} \end{gathered}$ | $\begin{gathered} 64.5 \% \\ {[59.7,69.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 146 | 15,734 | $\begin{gathered} 33.7 \% \\ {[24.9,42.6]} \end{gathered}$ | $\begin{gathered} 42.3 \% \\ {[38.0,46.7]} \end{gathered}$ |

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.
${ }^{\dagger}$ Sample population.
$\ddagger$ Weighted total population.
${ }^{a}$ Non-Hispanic.

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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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |
| Total | 231 | 18,947 | $\begin{gathered} 14.2 \% \\ {[8.4,20.0]} \end{gathered}$ | $\begin{gathered} 10.4 \% \\ {[7.2,13.7]} \end{gathered}$ | 502 | 61,003 | $\begin{gathered} 34.1 \% \\ {[29.2,38.9]} \end{gathered}$ | $\begin{gathered} 27.6 \% \\ {[25.2,30.0]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 7.1 \% \\ {[3.1,11.2]} \end{gathered}$ | 231 | 21,210 | $\begin{gathered} 44.7 \% \\ {[38.3,51.0]} \end{gathered}$ | $\begin{gathered} 29.0 \% \\ {[25.9,32.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 14.8 \% \\ {[4.8,24.7]} \end{gathered}$ | ** | * | ** | $\begin{gathered} 19.2 \% \\ {[12.6,25.7]} \end{gathered}$ |
| Hispanic | 108 | 8,400 | $\begin{gathered} 12.1 \% \\ {[4.4,19.7]} \end{gathered}$ | $\begin{gathered} 11.2 \% \\ {[5.9,16.5]} \end{gathered}$ | 156 | 20,475 | $\begin{gathered} 26.7 \% \\ {[20.4,32.9]} \end{gathered}$ | $\begin{gathered} 25.1 \% \\ {[20.8,29.5]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 12.1 \% \\ {[4.6,19.6]} \end{gathered}$ | 57 | 10,100 | $\begin{gathered} 35.8 \% \\ {[21.3,50.3]} \end{gathered}$ | $\begin{gathered} 33.2 \% \\ {[22.5,43.8]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 115 | 8,559 | $\begin{gathered} 8.3 \% \\ {[2.7,13.8]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[3.6,9.5]} \end{gathered}$ | 252 | 26,796 | $\begin{gathered} 28.8 \% \\ {[23.3,34.3]} \end{gathered}$ | $\begin{gathered} 21.8 \% \\ {[18.9,24.8]} \end{gathered}$ |
| Male | 116 | 10,388 | $\begin{gathered} 19.1 \% \\ {[9.1,29.0]} \end{gathered}$ | $\begin{gathered} 13.9 \% \\ {[8.5,19.2]} \end{gathered}$ | 250 | 34,207 | $\begin{gathered} 38.2 \% \\ {[32.2,44.1]} \end{gathered}$ | $\begin{gathered} 32.4 \% \\ {[29.3,35.5]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 215 | 17,027 | $\begin{gathered} 14.1 \% \\ {[8.8,19.4]} \end{gathered}$ | $\begin{gathered} 10.2 \% \\ {[7.2,13.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 20.0 \% \\ {[7.5,32.6]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 13.4 \% \\ {[3.7,23.2]} \end{gathered}$ | 375 | 43,275 | $\begin{gathered} 28.3 \% \\ {[22.8,33.7]} \end{gathered}$ | $\begin{gathered} 20.4 \% \\ {[17.8,23.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 88 | 11,285 | $\begin{gathered} 57.4 \% \\ {[41.9,72.9]} \end{gathered}$ | $\begin{gathered} 61.5 \% \\ {[54.3,68.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 12.2 \% \\ {[3.9,20.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 84 | 6,267 | $\begin{gathered} 16.7 \% \\ {[4.5,28.9]} \end{gathered}$ | $\begin{gathered} 10.6 \% \\ {[3.8,17.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 112 | 9,195 | $\begin{gathered} 12.4 \% \\ {[6.0,18.8]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[6.1,13.5]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 81 | 14,706 | $\begin{gathered} 26.8 \% \\ {[16.1,37.6]} \end{gathered}$ | $\begin{gathered} 16.0 \% \\ {[10.2,21.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 115 | 16,167 | $\begin{gathered} 20.9 \% \\ {[12.5,29.3]} \end{gathered}$ | $\begin{gathered} 16.5 \% \\ {[12.8,20.1]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 160 | 14,396 | $\begin{gathered} 30.7 \% \\ {[22.1,39.3]} \end{gathered}$ | $\begin{gathered} 23.1 \% \\ {[18.9,27.4]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 146 | 15,734 | $\begin{gathered} 57.4 \% \\ {[47.0,67.7]} \end{gathered}$ | $\begin{gathered} 48.5 \% \\ {[43.8,53.2]} \end{gathered}$ |

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.
${ }^{\dagger}$ Sample population.
$\ddagger$ 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 150 | 12,645 | $\begin{gathered} 5.5 \% \\ {[1.1,9.9]} \end{gathered}$ | $\begin{gathered} 16.9 \% \\ {[12.5,21.3]} \end{gathered}$ | 338 | 39,691 | $\begin{gathered} 9.8 \% \\ {[4.5,15.0]} \end{gathered}$ | $\begin{gathered} 35.1 \% \\ {[30.0,40.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 25.6 \% \\ {[18.4,32.8]} \end{gathered}$ | 161 | 14,089 | $\begin{gathered} 12.8 \% \\ {[5.5,20.1]} \end{gathered}$ | $\begin{gathered} 45.3 \% \\ {[40.3,50.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 21.6 \% \\ {[10.3,32.9]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 24.8 \% \\ {[15.7,33.9]} \end{gathered}$ |
| Hispanic | 71 | 5,792 | $\begin{gathered} 4.9 \% \\ {[-0.2,10.1]} \end{gathered}$ | $\begin{gathered} 8.7 \% \\ {[4.0,13.3]} \end{gathered}$ | 100 | 13,255 | $\begin{gathered} 4.1 \% \\ {[-0.4,8.6]} \end{gathered}$ | $\begin{gathered} 16.0 \% \\ {[9.1,23.0]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 10.0 \% \\ {[2.7,17.3]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 13.9 \% \\ {[7.8,19.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 73 | 5,283 | $\begin{gathered} 4.2 \% \\ {[0.0,8.5]} \end{gathered}$ | $\begin{gathered} 17.7 \% \\ {[11.3,24.1]} \end{gathered}$ | 156 | 15,513 | $\begin{gathered} 8.6 \% \\ {[2.7,14.6]} \end{gathered}$ | $\begin{gathered} 38.9 \% \\ {[31.8,46.0]} \end{gathered}$ |
| Male | 77 | 7,362 | $\begin{gathered} 6.4 \% \\ {[0.5,12.4]} \end{gathered}$ | $\begin{gathered} 16.5 \% \\ {[11.1,21.9]} \end{gathered}$ | 182 | 24,178 | $\begin{gathered} 10.5 \% \\ {[2.4,18.5]} \end{gathered}$ | $\begin{gathered} 32.4 \% \\ {[27.0,37.7]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 139 | 11,161 | $\begin{gathered} 6.2 \% \\ {[1.4,11.1]} \end{gathered}$ | $\begin{gathered} 16.5 \% \\ {[12.0,21.1]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 20.9 \% \\ {[12.0,29.8]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 22.2 \% \\ {[13.6,30.8]} \end{gathered}$ | 242 | 27,113 | $\begin{gathered} 10.2 \% \\ {[3.7,16.7]} \end{gathered}$ | $\begin{gathered} 35.3 \% \\ {[29.9,40.7]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | $\begin{gathered} 6.9 \% \\ {[1.1,12.7]} \end{gathered}$ | $\begin{gathered} 40.3 \% \\ {[31.5,49.1]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 15.2 \% \\ {[5.1,25.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 55 | 4,341 | $\begin{gathered} 9.1 \% \\ {[-0.6,18.9]} \end{gathered}$ | $\begin{gathered} 15.2 \% \\ {[7.1,23.2]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 67 | 5,577 | $\begin{gathered} 1.8 \% \\ {[-0.6,4.1]} \end{gathered}$ | $\begin{gathered} 18.4 \% \\ {[13.7,23.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 22.7 \% \\ {[15.6,29.8]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 73 | 10,493 | $\begin{gathered} 7.7 \% \\ {[-0.1,15.4]} \end{gathered}$ | $\begin{gathered} 27.8 \% \\ {[22.4,33.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 107 | 8,954 | $\begin{gathered} 13.6 \% \\ {[3.9,23.3]} \end{gathered}$ | $\begin{gathered} 40.1 \% \\ {[33.1,47.1]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 110 | 11,494 | $\begin{gathered} 9.6 \% \\ {[4.1,15.1]} \end{gathered}$ | $\begin{gathered} 43.5 \% \\ {[36.3,50.6]} \end{gathered}$ |

[^6]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {\left[\begin{array}{lll} 95 \% & \mathrm{Cl} \end{array}\right]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 150 | 12,645 | $\begin{gathered} 14.4 \% \\ {[7.7,21.1]} \end{gathered}$ | $\begin{gathered} 12.5 \% \\ {[8.4,16.5]} \end{gathered}$ | 338 | 39,691 | $\begin{gathered} 31.0 \% \\ {[23.5,38.6]} \end{gathered}$ | $\begin{gathered} 21.0 \% \\ {[17.9,24.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 8.3 \% \\ {[3.4,13.3]} \end{gathered}$ | 161 | 14,089 | $\begin{gathered} 51.5 \% \\ {[46.7,56.2]} \end{gathered}$ | $\begin{gathered} 22.7 \% \\ {[18.8,26.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 16.8 \% \\ {[7.8,25.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 12.9 \% \\ {[6.7,19.1]} \end{gathered}$ |
| Hispanic | 71 | 5,792 | $\begin{gathered} 14.3 \% \\ {[3.3,25.3]} \end{gathered}$ | $\begin{gathered} 14.9 \% \\ {[7.0,22.8]} \end{gathered}$ | 100 | 13,255 | $\begin{gathered} 19.1 \% \\ {[11.0,27.1]} \end{gathered}$ | $\begin{gathered} 18.2 \% \\ {[13.0,23.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 9.9 \% \\ {[0.1,19.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 22.2 \% \\ {[6.2,38.1]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 73 | 5,283 | $\begin{gathered} 7.4 \% \\ {[1.8,13.0]} \end{gathered}$ | $\begin{gathered} 10.1 \% \\ {[5.8,14.3]} \end{gathered}$ | 156 | 15,513 | $\begin{gathered} 37.0 \% \\ {[24.4,49.6]} \end{gathered}$ | $\begin{gathered} 21.8 \% \\ {[17.1,26.5]} \end{gathered}$ |
| Male | 77 | 7,362 | $\begin{gathered} 19.4 \% \\ {[8.9,29.9]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[8.8,20.2]} \end{gathered}$ | 182 | 24,178 | $\begin{gathered} 27.2 \% \\ {[18.8,35.6]} \end{gathered}$ | $\begin{gathered} 20.5 \% \\ {[16.6,24.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 139 | 11,161 | $\begin{gathered} 15.5 \% \\ {[8.2,22.8]} \end{gathered}$ | $\begin{gathered} 12.8 \% \\ {[8.4,17.1]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 27.5 \% \\ {[18.9,36.1]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 11.9 \% \\ {[3.1,20.6]} \end{gathered}$ | 242 | 27,113 | $\begin{gathered} 29.1 \% \\ {[20.0,38.1]} \end{gathered}$ | $\begin{gathered} 18.7 \% \\ {[15.0,22.4]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | $\begin{gathered} 34.3 \% \\ {[21.7,46.9]} \end{gathered}$ | $\begin{gathered} 26.4 \% \\ {[21.0,31.8]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 11.8 \% \\ {[0.7,22.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 55 | 4,341 | $\begin{gathered} 12.2 \% \\ {[1.7,22.7]} \end{gathered}$ | $\begin{gathered} 9.1 \% \\ {[3.3,15.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 67 | 5,577 | $\begin{gathered} 14.7 \% \\ {[5.7,23.7]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[8.9,20.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 20.0 \% \\ {[15.3,24.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 73 | 10,493 | $\begin{gathered} 22.7 \% \\ {[8.5,36.8]} \end{gathered}$ | $\begin{gathered} 19.2 \% \\ {[13.6,24.8]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 107 | 8,954 | $\begin{gathered} 32.2 \% \\ {[17.7,46.7]} \end{gathered}$ | $\begin{gathered} 18.6 \% \\ {[12.8,24.4]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 110 | 11,494 | $\begin{gathered} 39.0 \% \\ {[26.2,51.8]} \end{gathered}$ | $\begin{gathered} 24.9 \% \\ {[19.7,30.1]} \end{gathered}$ |

[^7]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  |
| Total | 150 | 12,645 | $\begin{gathered} 25.7 \% \\ {[16.6,34.9]} \end{gathered}$ | $\begin{gathered} 12.7 \% \\ {[8.3,17.1]} \end{gathered}$ | 338 | 39,691 | $\begin{gathered} 21.0 \% \\ {[12.0,29.9]} \end{gathered}$ | $\begin{gathered} 9.5 \% \\ {[6.0,12.9]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 4.9 \% \\ {[0.8,9.0]} \end{gathered}$ | 161 | 14,089 | $\begin{gathered} 12.1 \% \\ {[6.8,17.4]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[3.4,6.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 6.9 \% \\ {[1.0,12.8]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 8.7 \% \\ {[3.1,14.4]} \end{gathered}$ |
| Hispanic | 71 | 5,792 | $\begin{gathered} 34.8 \% \\ {[21.8,47.8]} \end{gathered}$ | $\begin{gathered} 23.7 \% \\ {[15.0,32.5]} \end{gathered}$ | 100 | 13,255 | $\begin{gathered} 33.6 \% \\ {[16.9,50.4]} \end{gathered}$ | $\begin{gathered} 23.0 \% \\ {[10.1,35.9]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 6.5 \% \\ {[-1.3,14.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 17.7 \% \\ {[5.1,30.3]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 73 | 5,283 | $\begin{gathered} 22.8 \% \\ {[9.7,35.9]} \end{gathered}$ | $\begin{gathered} 10.6 \% \\ {[4.5,16.6]} \end{gathered}$ | 156 | 15,513 | $\begin{gathered} 16.9 \% \\ {[3.8,30.0]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[1.9,11.7]} \end{gathered}$ |
| Male | 77 | 7,362 | $\begin{gathered} 27.8 \% \\ {[15.5,40.1]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[8.2,20.7]} \end{gathered}$ | 182 | 24,178 | $\begin{gathered} 23.6 \% \\ {[12.3,34.8]} \end{gathered}$ | $\begin{gathered} 11.4 \% \\ {[7.7,15.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 139 | 11,161 | $\begin{gathered} 25.2 \% \\ {[15.4,35.1]} \end{gathered}$ | $\begin{gathered} 12.5 \% \\ {[7.9,17.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 5.4 \% \\ {[-0.4,11.3]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 15.5 \% \\ {[0.7,30.3]} \end{gathered}$ | 242 | 27,113 | $\begin{gathered} 21.3 \% \\ {[11.4,31.1]} \end{gathered}$ | $\begin{gathered} 9.4 \% \\ {[5.8,12.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | $\begin{gathered} 25.0 \% \\ {[10.5,39.6]} \end{gathered}$ | $\begin{gathered} 11.6 \% \\ {[5.9,17.3]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 17.0 \% \\ {[6.3,27.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 55 | 4,341 | $\begin{gathered} 9.8 \% \\ {[-2.3,21.9]} \end{gathered}$ | $\begin{gathered} 7.0 \% \\ {[0.5,13.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 67 | 5,577 | $\begin{gathered} 36.1 \% \\ {[20.3,51.9]} \end{gathered}$ | $\begin{gathered} 14.2 \% \\ {[7.5,20.9]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 8.3 \% \\ {[3.5,13.1]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 73 | 10,493 | $\begin{gathered} 19.5 \% \\ {[7.2,31.8]} \end{gathered}$ | $\begin{gathered} 8.8 \% \\ {[4.4,13.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 107 | 8,954 | $\begin{gathered} 21.1 \% \\ {[9.5,32.7]} \end{gathered}$ | $\begin{gathered} 8.8 \% \\ {[4.9,12.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 110 | 11,494 | $\begin{gathered} 28.6 \% \\ {[11.4,45.8]} \end{gathered}$ | $\begin{gathered} 11.1 \% \\ {[5.7,16.5]} \end{gathered}$ |

[^8]
## 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 <br> Estimate ${ }^{\ddagger}$ [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 150 | 12,645 | $\begin{gathered} 9.9 \% \\ {[3.3,16.4]} \end{gathered}$ | $\begin{gathered} 7.3 \% \\ {[4.3,10.3]} \end{gathered}$ | 338 | 39,691 | $\begin{gathered} 3.9 \% \\ {[2.1,5.7]} \end{gathered}$ | $\begin{gathered} 4.2 \% \\ {[3.1,5.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 3.6 \% \\ {[1.3,5.9]} \end{gathered}$ | 161 | 14,089 | $\begin{gathered} 4.3 \% \\ {[0.7,7.9]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[2.5,5.0]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 7.6 \% \\ {[-1.0,16.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 4.4 \% \\ {[0.0,8.8]} \end{gathered}$ |
| Hispanic | 71 | 5,792 | $\begin{gathered} 9.4 \% \\ {[-1.5,20.3]} \end{gathered}$ | $\begin{gathered} 9.9 \% \\ {[2.7,17.2]} \end{gathered}$ | 100 | 13,255 | $\begin{gathered} 6.5 \% \\ {[3.0,10.0]} \end{gathered}$ | $\begin{gathered} 5.8 \% \\ {[3.3,8.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 5.4 \% \\ {[0.1,10.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 2.3 \% \\ {[0.1,4.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 73 | 5,283 | $\begin{gathered} 6.4 \% \\ {[0.0,14.7]} \end{gathered}$ | $\begin{gathered} 4.2 \% \\ {[0.7,7.7]} \end{gathered}$ | 156 | 15,513 | $\begin{gathered} 3.8 \% \\ {[0.8,6.8]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[1.8,4.2]} \end{gathered}$ |
| Male | 77 | 7,362 | $\begin{gathered} 12.3 \% \\ {[2.3,22.3]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[5.0,14.5]} \end{gathered}$ | 182 | 24,178 | $\begin{gathered} 3.9 \% \\ {[1.1,6.7]} \end{gathered}$ | $\begin{gathered} 5.1 \% \\ {[3.4,6.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 139 | 11,161 | $\begin{gathered} 8.8 \% \\ {[2.1,15.5]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[3.2,9.1]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 7.4 \% \\ {[0.9,13.9]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 8.0 \% \\ {[2.3,13.8]} \end{gathered}$ | 242 | 27,113 | $\begin{gathered} 1.4 \% \\ {[0.0,2.9]} \end{gathered}$ | $\begin{gathered} 3.1 \% \\ {[2.1,4.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 73 | 8,800 | $\begin{gathered} 9.7 \% \\ {[3.5,16.0]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[3.6,10.0]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 2.5 \% \\ {[0.2,4.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 55 | 4,341 | $\begin{gathered} 16.2 \% \\ {[2.0,30.4]} \end{gathered}$ | $\begin{gathered} 11.6 \% \\ {[4.0,19.2]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 67 | 5,577 | $\begin{gathered} 9.7 \% \\ {[0.0,21.7]} \end{gathered}$ | $\begin{gathered} 6.7 \% \\ {[2.2,11.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 4.4 \% \\ {[1.6,7.2]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 73 | 10,493 | $\begin{gathered} 2.8 \% \\ {[0.0,6.7]} \end{gathered}$ | $\begin{gathered} 3.7 \% \\ {[1.7,5.7]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 107 | 8,954 | $\begin{gathered} 0.7 \% \\ {[0.0,1.6]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[1.6,5.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 110 | 11,494 | $\begin{gathered} 7.8 \% \\ {[2.9,12.8]} \end{gathered}$ | $\begin{gathered} 5.1 \% \\ {[3.1,7.2]} \end{gathered}$ |

[^9]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 114 | 10,275 | $\begin{gathered} 35.8 \% \\ {[25.8,45.7]} \end{gathered}$ | $\begin{gathered} 32.3 \% \\ {[26.1,38.6]} \end{gathered}$ | 219 | 26,468 | $\begin{gathered} 40.3 \% \\ {[33.6,47.1]} \end{gathered}$ | $\begin{gathered} 43.0 \% \\ {[39.3,46.7]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 25.0 \% \\ {[15.7,34.3]} \end{gathered}$ | 106 | 8,892 | $\begin{gathered} 43.6 \% \\ {[36.7,50.4]} \end{gathered}$ | $\begin{gathered} 46.8 \% \\ {[43.0,50.6]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 30.0 \% \\ {[15.4,44.5]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 39.8 \% \\ {[24.9,54.7]} \end{gathered}$ |
| Hispanic | 54 | 4,804 | $\begin{gathered} 49.8 \% \\ {[31.3,68.3]} \end{gathered}$ | $\begin{gathered} 43.8 \% \\ {[31.3,56.4]} \end{gathered}$ | 54 | 6,958 | $\begin{gathered} 24.8 \% \\ {[12.8,36.8]} \end{gathered}$ | $\begin{gathered} 33.1 \% \\ {[23.9,42.3]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 17.8 \% \\ {[6.2,29.3]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 47.2 \% \\ {[30.3,64.2]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | ** | ** | ** | $\begin{gathered} 25.9 \% \\ {[17.5,34.3]} \end{gathered}$ | 104 | 9,507 | $\begin{gathered} 24.3 \% \\ {[11.5,37.2]} \end{gathered}$ | $\begin{gathered} 38.3 \% \\ {[31.0,45.6]} \end{gathered}$ |
| Male | 65 | 6,570 | $\begin{gathered} 39.4 \% \\ {[28.6,50.2]} \end{gathered}$ | $\begin{gathered} 34.6 \% \\ {[27.5,41.7]} \end{gathered}$ | 115 | 16,961 | $\begin{gathered} 49.3 \% \\ {[42.4,56.2]} \end{gathered}$ | $\begin{gathered} 45.8 \% \\ {[41.9,49.6]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 105 | 9,068 | $\begin{gathered} 30.4 \% \\ {[21.1,39.8]} \end{gathered}$ | $\begin{gathered} 29.3 \% \\ {[22.9,35.6]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 29.7 \% \\ {[20.8,38.6]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 46.7 \% \\ {[30.0,63.3]} \end{gathered}$ | 198 | 22,515 | $\begin{gathered} 41.7 \% \\ {[34.5,49.0]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[41.0,48.5]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | -- | -- | -- | -- |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 27.5 \% \\ {[12.3,42.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 38.3 \% \\ {[26.1,50.5]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 56 | 4,781 | $\begin{gathered} 34.9 \% \\ {[21.9,47.9]} \end{gathered}$ | $\begin{gathered} 31.1 \% \\ {[23.8,38.4]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 33.6 \% \\ {[22.3,44.9]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 59 | 8,301 | $\begin{gathered} 43.4 \% \\ {[30.6,56.1]} \end{gathered}$ | $\begin{gathered} 36.3 \% \\ {[29.4,43.1]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 78 | 6,720 | $\begin{gathered} 48.1 \% \\ {[31.2,65.0]} \end{gathered}$ | $\begin{gathered} 51.7 \% \\ {[44.1,59.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 49.1 \% \\ {[41.1,57.1]} \end{gathered}$ |

[^10]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 115 | 10,191 | $\begin{gathered} 40.2 \% \\ {[28.3,52.2]} \end{gathered}$ | $\begin{gathered} 34.6 \% \\ {[27.6,41.7]} \end{gathered}$ | 219 | 26,852 | $\begin{gathered} 38.9 \% \\ {[31.0,46.8]} \end{gathered}$ | $\begin{gathered} 38.7 \% \\ {[35.0,42.5]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 29.8 \% \\ {[19.3,40.3]} \end{gathered}$ | 107 | 9,165 | $\begin{gathered} 38.7 \% \\ {[23.6,53.8]} \end{gathered}$ | $\begin{gathered} 39.5 \% \\ {[34.6,44.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 32.7 \% \\ {[17.7,47.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 41.4 \% \\ {[31.7,51.0]} \end{gathered}$ |
| Hispanic | 50 | 4,248 | $\begin{gathered} 51.8 \% \\ {[33.1,70.4]} \end{gathered}$ | $\begin{gathered} 45.3 \% \\ {[33.0,57.5]} \end{gathered}$ | 54 | 7,125 | $\begin{gathered} 25.3 \% \\ {[17.4,33.2]} \end{gathered}$ | $\begin{gathered} 30.5 \% \\ {[24.4,36.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 26.2 \% \\ {[9.4,42.9]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 49.1 \% \\ {[30.8,67.4]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 55 | 4,247 | $\begin{gathered} 40.8 \% \\ {[25.0,56.7]} \end{gathered}$ | $\begin{gathered} 37.6 \% \\ {[27.7,47.5]} \end{gathered}$ | 106 | 10,106 | $\begin{gathered} 38.7 \% \\ {[28.7,48.7]} \end{gathered}$ | $\begin{gathered} 38.8 \% \\ {[33.2,44.5]} \end{gathered}$ |
| Male | 60 | 5,944 | $\begin{gathered} 39.8 \% \\ {[25.2,54.3]} \end{gathered}$ | $\begin{gathered} 33.5 \% \\ {[24.7,42.2]} \end{gathered}$ | 113 | 16,746 | $\begin{gathered} 39.0 \% \\ {[28.9,49.2]} \end{gathered}$ | $\begin{gathered} 38.7 \% \\ {[33.9,43.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 106 | 9,170 | $\begin{gathered} 36.8 \% \\ {[24.1,49.4]} \end{gathered}$ | $\begin{gathered} 32.5 \% \\ {[24.7,40.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 30.3 \% \\ {[21.0,39.6]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 49.9 \% \\ {[32.1,67.7]} \end{gathered}$ | 198 | 23,093 | $\begin{gathered} 40.3 \% \\ {[31.8,48.8]} \end{gathered}$ | $\begin{gathered} 39.7 \% \\ {[35.7,43.8]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | -- | -- | -- | -- |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 15.8 \% \\ {[6.7,24.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 45.2 \% \\ {[28.1,62.3]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 57 | 4,580 | $\begin{gathered} 43.3 \% \\ {[30.1,56.5]} \end{gathered}$ | $\begin{gathered} 35.8 \% \\ {[28.5,43.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 37.3 \% \\ {[28.5,46.1]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 61 | 9,032 | $\begin{gathered} 41.2 \% \\ {[26.9,55.6]} \end{gathered}$ | $\begin{gathered} 39.2 \% \\ {[31.4,46.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 76 | 6,442 | $\begin{gathered} 36.2 \% \\ {[25.4,47.0]} \end{gathered}$ | $\begin{gathered} 40.5 \% \\ {[35.2,45.9]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 37.0 \% \\ {[30.0,44.1]} \end{gathered}$ |

[^11]
## New York State Youth Tobacco Survey: 2008 New York City Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New York City Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 3,127 | 271,577 | $\begin{gathered} 33.6 \% \\ {[30.0,37.2]} \end{gathered}$ | $\begin{gathered} 34.6 \% \\ {[33.0,36.2]} \end{gathered}$ | 2,687 | 360,580 | $\begin{gathered} 40.4 \% \\ {[34.6,46.2]} \end{gathered}$ | $\begin{gathered} 44.5 \% \\ {[41.7,47.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 604 | 47,093 | $\begin{gathered} 45.6 \% \\ {[39.4,51.8]} \end{gathered}$ | $\begin{gathered} 37.7 \% \\ {[35.8,39.6]} \end{gathered}$ | 844 | 75,926 | $\begin{gathered} 60.5 \% \\ {[54.3,66.6]} \end{gathered}$ | $\begin{gathered} 50.4 \% \\ {[48.0,52.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 609 | 74,215 | $\begin{gathered} 35.6 \% \\ {[29.1,42.2]} \end{gathered}$ | $\begin{gathered} 34.1 \% \\ {[29.6,38.5]} \end{gathered}$ | 603 | 97,508 | $\begin{gathered} 28.5 \% \\ {[23.9,33.0]} \end{gathered}$ | $\begin{gathered} 31.2 \% \\ {[27.4,35.0]} \end{gathered}$ |
| Hispanic | 1,337 | 103,817 | $\begin{gathered} 29.3 \% \\ {[24.8,33.9]} \end{gathered}$ | $\begin{gathered} 30.1 \% \\ {[26.7,33.6]} \end{gathered}$ | 860 | 124,358 | $\begin{gathered} 39.6 \% \\ {[34.0,45.3]} \end{gathered}$ | $\begin{gathered} 41.6 \% \\ {[36.9,46.2]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 369 | 24,790 | $\begin{gathered} 31.1 \% \\ {[21.4,40.7]} \end{gathered}$ | $\begin{gathered} 30.4 \% \\ {[24.4,36.5]} \end{gathered}$ | 293 | 47,015 | $\begin{gathered} 38.0 \% \\ {[33.4,42.5]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[34.6,42.2]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,616 | 133,588 | $\begin{gathered} 39.5 \% \\ {[35.4,43.6]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[36.5,40.3]} \end{gathered}$ | 1,479 | 176,703 | $\begin{gathered} 43.2 \% \\ {[37.0,49.3]} \end{gathered}$ | $\begin{gathered} 47.1 \% \\ {[44.1,50.1]} \end{gathered}$ |
| Male | 1,510 | 137,907 | $\begin{gathered} 27.9 \% \\ {[23.8,32.1]} \end{gathered}$ | $\begin{gathered} 30.7 \% \\ {[28.9,32.6]} \end{gathered}$ | 1,206 | 183,388 | $\begin{gathered} 37.7 \% \\ {[30.1,45.3]} \end{gathered}$ | $\begin{gathered} 41.9 \% \\ {[38.6,45.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,063 | 265,827 | $\begin{gathered} 33.4 \% \\ {[29.8,37.1]} \end{gathered}$ | $\begin{gathered} 34.3 \% \\ {[32.7,36.0]} \end{gathered}$ | 315 | 49,459 | $\begin{gathered} 35.3 \% \\ {[27.7,43.0]} \end{gathered}$ | $\begin{gathered} 38.0 \% \\ {[34.3,41.8]} \end{gathered}$ |
| 15-17 | 60 | 5,287 | $\begin{gathered} 41.8 \% \\ {[23.3,60.4]} \end{gathered}$ | $\begin{gathered} 46.6 \% \\ {[38.1,55.2]} \end{gathered}$ | 1,995 | 265,240 | $\begin{gathered} 40.6 \% \\ {[34.4,46.7]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[41.8,47.6]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 369 | 43,374 | $\begin{gathered} 44.5 \% \\ {[37.0,52.1]} \end{gathered}$ | $\begin{gathered} 50.3 \% \\ {[46.4,54.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 824 | 78,982 | $\begin{gathered} 28.4 \% \\ {[23.1,33.7]} \end{gathered}$ | $\begin{gathered} 31.2 \% \\ {[28.8,33.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,207 | 97,353 | $\begin{gathered} 34.2 \% \\ {[29.8,38.6]} \end{gathered}$ | $\begin{gathered} 33.8 \% \\ {[31.6,36.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,096 | 95,242 | $\begin{gathered} 37.3 \% \\ {[32.4,42.3]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[36.1,40.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 549 | 94,578 | $\begin{gathered} 36.1 \% \\ {[30.5,41.7]} \end{gathered}$ | $\begin{gathered} 39.4 \% \\ {[36.3,42.5]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 677 | 101,456 | $\begin{gathered} 37.1 \% \\ {[29.5,44.7]} \end{gathered}$ | $\begin{gathered} 42.9 \% \\ {[39.2,46.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 775 | 92,885 | $\begin{gathered} 44.5 \% \\ {[37.9,51.0]} \end{gathered}$ | $\begin{gathered} 46.8 \% \\ {[43.6,50.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 686 | 71,660 | $\begin{gathered} 45.6 \% \\ {[38.7,52.4]} \end{gathered}$ | $\begin{gathered} 49.3 \% \\ {[46.3,52.4]} \end{gathered}$ |

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

[^13]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 3,107 | 270,448 | $\begin{gathered} 35.8 \% \\ {[32.3,39.2]} \end{gathered}$ | $\begin{gathered} 35.0 \% \\ {[33.1,36.8]} \end{gathered}$ | 2,675 | $\begin{gathered} 358,84 \\ 9 \end{gathered}$ | $\begin{gathered} 36.6 \% \\ {[33.2,40.0]} \end{gathered}$ | $\begin{gathered} 36.3 \% \\ {[34.4,38.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 603 | 46,848 | $\begin{gathered} 35.6 \% \\ {[27.2,43.9]} \end{gathered}$ | $\begin{gathered} 34.1 \% \\ {[31.8,36.4]} \end{gathered}$ | 843 | 75,778 | $\begin{gathered} 43.6 \% \\ {[35.0,52.3]} \end{gathered}$ | $\begin{gathered} 37.2 \% \\ {[34.7,39.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 602 | 74,265 | $\begin{gathered} 39.6 \% \\ {[32.2,47.0]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[33.3,43.4]} \end{gathered}$ | 603 | 97,929 | $\begin{gathered} 31.7 \% \\ {[27.7,35.7]} \end{gathered}$ | $\begin{gathered} 33.1 \% \\ {[30.1,36.1]} \end{gathered}$ |
| Hispanic | 1,332 | 103,401 | $\begin{gathered} 34.9 \% \\ {[30.7,39.1]} \end{gathered}$ | $\begin{gathered} 35.8 \% \\ {[32.6,38.9]} \end{gathered}$ | 854 | $\begin{gathered} 123,41 \\ 1 \end{gathered}$ | $\begin{gathered} 36.7 \% \\ {[29.1,44.3]} \end{gathered}$ | $\begin{gathered} 36.9 \% \\ {[31.4,42.5]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 364 | 24,517 | $\begin{gathered} 32.9 \% \\ {[25.4,40.5]} \end{gathered}$ | $\begin{gathered} 32.0 \% \\ {[27.1,36.9]} \end{gathered}$ | 290 | 46,228 | $\begin{gathered} 39.5 \% \\ {[32.9,46.2]} \end{gathered}$ | $\begin{gathered} 37.1 \% \\ {[32.0,42.2]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,602 | 132,171 | $\begin{gathered} 39.5 \% \\ {[35.1,43.9]} \end{gathered}$ | $\begin{gathered} 36.6 \% \\ {[34.3,38.8]} \end{gathered}$ | 1,470 | $\begin{gathered} 175,77 \\ 7 \end{gathered}$ | $\begin{gathered} 37.5 \% \\ {[34.1,40.8]} \end{gathered}$ | $\begin{gathered} 37.6 \% \\ {[35.6,39.6]} \end{gathered}$ |
| Male | 1,504 | 138,195 | $\begin{gathered} 32.2 \% \\ {[28.3,36.2]} \end{gathered}$ | $\begin{gathered} 33.4 \% \\ {[31.4,35.4]} \end{gathered}$ | 1,203 | $\begin{gathered} 182,58 \\ 3 \end{gathered}$ | $\begin{gathered} 35.7 \% \\ {[31.2,40.3]} \end{gathered}$ | $\begin{gathered} 35.1 \% \\ {[32.8,37.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,043 | 264,701 | $\begin{gathered} 35.7 \% \\ {[32.2,39.1]} \end{gathered}$ | $\begin{gathered} 34.7 \% \\ {[32.9,36.6]} \end{gathered}$ | 313 | 48,962 | $\begin{gathered} 39.1 \% \\ {[28.5,49.7]} \end{gathered}$ | $\begin{gathered} 36.1 \% \\ {[31.2,40.9]} \end{gathered}$ |
| 15-17 | 60 | 5,284 | $\begin{gathered} 41.8 \% \\ {[27.4,56.1]} \end{gathered}$ | $\begin{gathered} 49.1 \% \\ {[41.8,56.5]} \end{gathered}$ | 1,988 | $\begin{gathered} 264,76 \\ 2 \end{gathered}$ | $\begin{gathered} 36.4 \% \\ {[33.7,39.0]} \end{gathered}$ | $\begin{gathered} 36.3 \% \\ {[34.6,38.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 366 | 42,619 | $\begin{gathered} 34.9 \% \\ {[27.4,42.4]} \end{gathered}$ | $\begin{gathered} 36.6 \% \\ {[32.9,40.3]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 814 | 77,879 | $\begin{gathered} 32.8 \% \\ {[27.0,38.5]} \end{gathered}$ | $\begin{gathered} 32.6 \% \\ {[29.7,35.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,194 | 96,513 | $\begin{gathered} 38.2 \% \\ {[32.1,44.4]} \end{gathered}$ | $\begin{gathered} 36.0 \% \\ {[33.0,39.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,099 | 96,057 | $\begin{gathered} 35.7 \% \\ {[29.2,42.3]} \end{gathered}$ | $\begin{gathered} 36.1 \% \\ {[33.2,39.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 546 | 94,159 | $\begin{gathered} 36.1 \% \\ {[28.7,43.6]} \end{gathered}$ | $\begin{gathered} 36.9 \% \\ {[33.3,40.4]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 674 | $\begin{gathered} 100,93 \\ 4 \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[34.1,42.6]} \end{gathered}$ | $\begin{gathered} 37.2 \% \\ {[35.1,39.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 773 | 93,048 | $\begin{gathered} 37.2 \% \\ {[34.3,40.1]} \end{gathered}$ | $\begin{gathered} 36.4 \% \\ {[34.4,38.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 682 | 70,709 | $\begin{gathered} 33.8 \% \\ {[28.1,39.4]} \end{gathered}$ | $\begin{gathered} 34.6 \% \\ {[31.9,37.3]} \end{gathered}$ |

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## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \quad \mathrm{CI}]} \end{aligned}$ |
| Total | 3,072 | 265,727 | $\begin{gathered} 72.6 \% \\ {[70.1,75.0]} \end{gathered}$ | $\begin{gathered} 71.4 \% \\ {[69.9,72.8]} \end{gathered}$ | 2,657 | 356,039 | $\begin{gathered} 67.9 \% \\ {[64.8,71.1]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[67.0,70.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 601 | 46,762 | $\begin{gathered} 69.0 \% \\ {[62.9,75.1]} \end{gathered}$ | $\begin{gathered} 71.3 \% \\ {[69.4,73.2]} \end{gathered}$ | 838 | 74,980 | $\begin{gathered} 60.4 \% \\ {[53.7,67.0]} \end{gathered}$ | $\begin{gathered} 68.1 \% \\ {[66.1,70.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 594 | 73,157 | $\begin{gathered} 70.9 \% \\ {[63.5,78.4]} \end{gathered}$ | $\begin{gathered} 68.5 \% \\ {[63.5,73.4]} \end{gathered}$ | 592 | 96,205 | $\begin{gathered} 71.5 \% \\ {[68.7,74.3]} \end{gathered}$ | $\begin{gathered} 70.1 \% \\ {[67.6,72.6]} \end{gathered}$ |
| Hispanic | 1,321 | 101,841 | $\begin{gathered} 74.6 \% \\ {[72.0,77.3]} \end{gathered}$ | $\begin{gathered} 73.2 \% \\ {[71.1,75.4]} \end{gathered}$ | 851 | 122,956 | $\begin{gathered} 67.6 \% \\ {[61.2,73.9]} \end{gathered}$ | $\begin{gathered} 67.8 \% \\ {[63.1,72.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 359 | 24,007 | $\begin{gathered} 70.5 \% \\ {[63.5,77.4]} \end{gathered}$ | $\begin{gathered} 72.1 \% \\ {[67.7,76.6]} \end{gathered}$ | 290 | 46,608 | $\begin{gathered} 70.9 \% \\ {[65.9,75.9]} \end{gathered}$ | $\begin{gathered} 69.6 \% \\ {[65.9,73.3]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,584 | 130,327 | $\begin{gathered} 67.5 \% \\ {[64.5,70.6]} \end{gathered}$ | $\begin{gathered} 68.8 \% \\ {[67.0,70.6]} \end{gathered}$ | 1,468 | 175,455 | $\begin{gathered} 67.0 \% \\ {[63.4,70.6]} \end{gathered}$ | $\begin{gathered} 68.3 \% \\ {[66.5,70.2]} \end{gathered}$ |
| Male | 1,487 | 135,318 | $\begin{gathered} 77.4 \% \\ {[74.4,80.4]} \end{gathered}$ | $\begin{gathered} 74.0 \% \\ {[72.4,75.6]} \end{gathered}$ | 1,187 | 180,095 | $\begin{gathered} 68.7 \% \\ {[64.5,73.0]} \end{gathered}$ | $\begin{gathered} 68.8 \% \\ {[66.8,70.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,012 | 260,407 | $\begin{gathered} 72.7 \% \\ {[70.2,75.2]} \end{gathered}$ | $\begin{gathered} 71.6 \% \\ {[70.2,73.0]} \end{gathered}$ | 312 | 48,772 | $\begin{gathered} 67.3 \% \\ {[58.2,76.5]} \end{gathered}$ | $\begin{gathered} 69.5 \% \\ {[65.4,73.6]} \end{gathered}$ |
| 15-17 | 56 | 4,857 | $\begin{gathered} 69.1 \% \\ {[55.7,82.6]} \end{gathered}$ | $\begin{gathered} 59.5 \% \\ {[52.7,66.3]} \end{gathered}$ | 1,977 | 262,384 | $\begin{gathered} 67.8 \% \\ {[65.2,70.5]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[67.1,70.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 360 | 42,377 | $\begin{gathered} 69.1 \% \\ {[62.3,75.9]} \end{gathered}$ | $\begin{gathered} 67.9 \% \\ {[64.6,71.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 803 | 76,355 | $\begin{gathered} 77.5 \% \\ {[74.5,80.6]} \end{gathered}$ | $\begin{gathered} 74.7 \% \\ {[72.7,76.7]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,190 | 95,904 | $\begin{gathered} 71.0 \% \\ {[64.1,77.9]} \end{gathered}$ | $\begin{gathered} 70.6 \% \\ {[67.5,73.6]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,079 | 93,468 | $\begin{gathered} 70.1 \% \\ {[64.7,75.4]} \end{gathered}$ | $\begin{gathered} 69.2 \% \\ {[66.7,71.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 541 | 93,105 | $\begin{gathered} 65.8 \% \\ {[59.2,72.3]} \end{gathered}$ | $\begin{gathered} 67.5 \% \\ {[64.4,70.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 670 | 99,931 | $\begin{gathered} 69.1 \% \\ {[64.8,73.4]} \end{gathered}$ | $\begin{gathered} 69.0 \% \\ {[66.9,71.0]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 772 | 92,723 | $\begin{gathered} 68.3 \% \\ {[64.7,72.0]} \end{gathered}$ | $\begin{gathered} 68.9 \% \\ {[67.0,70.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 674 | 70,280 | $\begin{gathered} 68.6 \% \\ {[63.9,73.3]} \end{gathered}$ | $\begin{gathered} 69.0 \% \\ {[66.7,71.4]} \end{gathered}$ |

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## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \quad \mathrm{CI}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 1,077 | 94,583 | $\begin{gathered} 47.9 \% \\ {[42.2,53.6]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[42.2,47.2]} \end{gathered}$ | 988 | 129,762 | $\begin{gathered} 42.3 \% \\ {[37.2,47.4]} \end{gathered}$ | $\begin{gathered} 41.3 \% \\ {[39.1,43.5]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 216 | 16,616 | $\begin{gathered} 40.3 \% \\ {[32.4,48.3]} \end{gathered}$ | $\begin{gathered} 42.5 \% \\ {[40.1,44.9]} \end{gathered}$ | 358 | 32,483 | $\begin{gathered} 36.7 \% \\ {[29.3,44.2]} \end{gathered}$ | $\begin{gathered} 39.9 \% \\ {[37.6,42.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 228 | 28,962 | $\begin{gathered} 42.4 \% \\ {[31.6,53.3]} \end{gathered}$ | $\begin{gathered} 39.8 \% \\ {[33.0,46.7]} \end{gathered}$ | 193 | 30,443 | $\begin{gathered} 44.7 \% \\ {[33.8,55.6]} \end{gathered}$ | $\begin{gathered} 41.9 \% \\ {[34.7,49.1]} \end{gathered}$ |
| Hispanic | 466 | 35,135 | $\begin{gathered} 54.1 \% \\ {[47.9,60.2]} \end{gathered}$ | $\begin{gathered} 52.6 \% \\ {[48.0,57.3]} \end{gathered}$ | 299 | 45,188 | $\begin{gathered} 40.9 \% \\ {[34.9,46.8]} \end{gathered}$ | $\begin{gathered} 41.6 \% \\ {[36.9,46.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 104 | 7,690 | $\begin{gathered} 41.6 \% \\ {[30.2,53.0]} \end{gathered}$ | $\begin{gathered} 44.5 \% \\ {[37.0,51.9]} \end{gathered}$ | 113 | 18,084 | $\begin{gathered} 51.8 \% \\ {[41.7,62.0]} \end{gathered}$ | $\begin{gathered} 49.2 \% \\ {[41.4,56.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 602 | 51,142 | $\begin{gathered} 42.2 \% \\ {[37.7,46.8]} \end{gathered}$ | $\begin{gathered} 41.3 \% \\ {[39.0,43.6]} \end{gathered}$ | 560 | 65,047 | $\begin{gathered} 40.9 \% \\ {[36.0,45.8]} \end{gathered}$ | $\begin{gathered} 41.2 \% \\ {[38.8,43.5]} \end{gathered}$ |
| Male | 475 | 43,442 | $\begin{gathered} 54.6 \% \\ {[45.4,63.8]} \end{gathered}$ | $\begin{gathered} 48.5 \% \\ {[44.8,52.3]} \end{gathered}$ | 427 | 64,522 | $\begin{gathered} 43.5 \% \\ {[36.0,50.9]} \end{gathered}$ | $\begin{gathered} 41.3 \% \\ {[38.3,44.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 1,051 | 92,285 | $\begin{gathered} 47.5 \% \\ {[41.9,53.2]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[42.2,47.1]} \end{gathered}$ | 122 | 18,864 | $\begin{gathered} 40.9 \% \\ {[30.2,51.5]} \end{gathered}$ | $\begin{gathered} 42.1 \% \\ {[36.8,47.4]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 47.6 \% \\ {[35.8,59.5]} \end{gathered}$ | 731 | 95,376 | $\begin{gathered} 41.0 \% \\ {[36.9,45.1]} \end{gathered}$ | $\begin{gathered} 40.6 \% \\ {[38.7,42.5]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 132 | 14,557 | $\begin{gathered} 54.3 \% \\ {[42.1,66.5]} \end{gathered}$ | $\begin{gathered} 45.3 \% \\ {[40.0,50.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 265 | 24,933 | $\begin{gathered} 52.6 \% \\ {[46.2,59.0]} \end{gathered}$ | $\begin{gathered} 47.7 \% \\ {[44.4,50.9]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 410 | 35,797 | $\begin{gathered} 48.4 \% \\ {[35.6,61.2]} \end{gathered}$ | $\begin{gathered} 45.0 \% \\ {[39.7,50.3]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 402 | 33,854 | $\begin{gathered} 43.9 \% \\ {[34.9,52.9]} \end{gathered}$ | $\begin{gathered} 42.0 \% \\ {[38.0,46.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 206 | 33,541 | $\begin{gathered} 41.1 \% \\ {[32.5,49.7]} \end{gathered}$ | $\begin{gathered} 40.9 \% \\ {[37.2,44.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 251 | 38,007 | $\begin{gathered} 40.5 \% \\ {[36.5,44.6]} \end{gathered}$ | $\begin{gathered} 41.2 \% \\ {[38.8,43.6]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 294 | 34,468 | $\begin{gathered} 44.1 \% \\ {[37.2,51.1]} \end{gathered}$ | $\begin{gathered} 41.9 \% \\ {[38.4,45.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 237 | 23,746 | $\begin{gathered} 44.1 \% \\ {[31.6,56.7]} \end{gathered}$ | $\begin{gathered} 41.1 \% \\ {[36.4,45.8]} \end{gathered}$ |

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## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 3,203 | 279,106 | $\begin{gathered} 1.7 \% \\ {[1.0,2.4]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.1,1.8]} \end{gathered}$ | 2,726 | 367,929 | $\begin{gathered} 5.5 \% \\ {[3.9,7.0]} \end{gathered}$ | $\begin{gathered} 6.0 \% \\ {[5.2,6.9]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 599 | 46,896 | $\begin{gathered} 0.9 \% \\ {[0.0,1.9]} \end{gathered}$ | $\begin{gathered} 0.8 \% \\ {[0.5,1.0]} \end{gathered}$ | 833 | 74,568 | $\begin{gathered} 10.1 \% \\ {[6.0,14.2]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.4,7.5]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 645 | 78,631 | $\begin{gathered} 1.7 \% \\ {[0.6,2.8]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.3,3.3]} \end{gathered}$ | 645 | 103,680 | $\begin{gathered} 2.7 \% \\ {[1.2,4.3]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[2.5,5.1]} \end{gathered}$ |
| Hispanic | 1,352 | 104,735 | $\begin{gathered} 1.9 \% \\ {[0.9,2.9]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.5,3.1]} \end{gathered}$ | 868 | 127,050 | $\begin{gathered} 5.2 \% \\ {[4.0,6.5]} \end{gathered}$ | $\begin{gathered} 6.7 \% \\ {[5.2,8.1]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 389 | 25,418 | $\begin{gathered} 2.0 \% \\ {[-0.5,4.6]} \end{gathered}$ | $\begin{gathered} 2.1 \% \\ {[0.5,3.8]} \end{gathered}$ | 292 | 46,770 | $\begin{gathered} 6.1 \% \\ {[2.4,9.7]} \end{gathered}$ | $\begin{gathered} 7.0 \% \\ {[4.3,9.7]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,630 | 135,300 | $\begin{gathered} 1.1 \% \\ {[0.4,1.8]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.8,1.4]} \end{gathered}$ | 1,498 | 178,789 | $\begin{gathered} 5.0 \% \\ {[3.2,6.8]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.4,6.2]} \end{gathered}$ |
| Male | 1,572 | 143,724 | $\begin{gathered} 2.2 \% \\ {[1.1,3.4]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.2,2.2]} \end{gathered}$ | 1,228 | 189,140 | $\begin{gathered} 5.9 \% \\ {[4.2,7.7]} \end{gathered}$ | $\begin{gathered} 6.7 \% \\ {[5.7,7.7]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,134 | 272,236 | $\begin{gathered} 1.6 \% \\ {[1.0,2.3]} \end{gathered}$ | $\begin{gathered} 1.3 \% \\ {[1.0,1.6]} \end{gathered}$ | 314 | 49,315 | $\begin{gathered} 3.7 \% \\ {[-0.2,7.5]} \end{gathered}$ | $\begin{gathered} 4.9 \% \\ {[3.2,6.5]} \end{gathered}$ |
| 15-17 | 65 | 6,407 | $\begin{gathered} 3.0 \% \\ {[-1.4,7.4]} \end{gathered}$ | $\begin{gathered} 8.9 \% \\ {[5.0,12.8]} \end{gathered}$ | 2,028 | 272,389 | $\begin{gathered} 5.2 \% \\ {[3.5,6.9]} \end{gathered}$ | $\begin{gathered} 5.7 \% \\ {[4.8,6.6]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 378 | 44,186 | $\begin{gathered} 9.6 \% \\ {[5.7,13.5]} \end{gathered}$ | $\begin{gathered} 9.3 \% \\ {[7.2,11.4]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 867 | 84,092 | $\begin{gathered} 1.2 \% \\ {[0.1,2.4]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.5,1.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,235 | 97,618 | $\begin{gathered} 1.7 \% \\ {[0.8,2.5]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.6,1.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,101 | 97,396 | $\begin{gathered} 2.0 \% \\ {[0.8,3.3]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.7,3.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 566 | 97,482 | $\begin{gathered} 4.2 \% \\ {[2.7,5.8]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[3.9,5.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 705 | 107,232 | $\begin{gathered} 5.6 \% \\ {[2.8,8.4]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.1,6.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 762 | 90,658 | $\begin{gathered} 4.7 \% \\ {[2.6,6.9]} \end{gathered}$ | $\begin{gathered} 5.8 \% \\ {[4.5,7.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 693 | 72,558 | $\begin{gathered} 8.0 \% \\ {[5.0,10.9]} \end{gathered}$ | $\begin{gathered} 8.6 \% \\ {[7.0,10.2]} \end{gathered}$ |

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

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

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

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

[^21]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 3,077 | 267,636 | $\begin{gathered} 6.6 \% \\ {[5.1,8.1]} \end{gathered}$ | $\begin{gathered} 6.4 \% \\ {[5.7,7.2]} \end{gathered}$ | 2,642 | 352,796 | $\begin{gathered} 14.3 \% \\ {[11.2,17.5]} \end{gathered}$ | $\begin{gathered} 17.5 \% \\ {[15.8,19.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 600 | 46,672 | $\begin{gathered} 6.6 \% \\ {[2.9,10.2]} \end{gathered}$ | $\begin{gathered} 5.5 \% \\ {[4.7,6.2]} \end{gathered}$ | 836 | 74,792 | $\begin{gathered} 24.0 \% \\ {[19.6,28.3]} \end{gathered}$ | $\begin{gathered} 19.8 \% \\ {[18.4,21.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 595 | 73,313 | $\begin{gathered} 5.0 \% \\ {[3.0,7.0]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[4.9,8.3]} \end{gathered}$ | 590 | 95,949 | $\begin{gathered} 6.5 \% \\ {[4.0,9.0]} \end{gathered}$ | $\begin{gathered} 9.1 \% \\ {[6.8,11.4]} \end{gathered}$ |
| Hispanic | 1,322 | 102,611 | $\begin{gathered} 6.8 \% \\ {[5.1,8.5]} \end{gathered}$ | $\begin{gathered} 8.4 \% \\ {[6.7,10.1]} \end{gathered}$ | 844 | 121,064 | $\begin{gathered} 15.9 \% \\ {[11.9,19.9]} \end{gathered}$ | $\begin{gathered} 18.6 \% \\ {[14.9,22.3]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 363 | 24,233 | $\begin{gathered} 9.8 \% \\ {[5.0,14.7]} \end{gathered}$ | $\begin{gathered} 8.6 \% \\ {[5.6,11.6]} \end{gathered}$ | 290 | 46,208 | $\begin{gathered} 12.9 \% \\ {[9.1,16.8]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.3,17.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,590 | 131,624 | $\begin{gathered} 7.2 \% \\ {[5.2,9.2]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[5.6,7.5]} \end{gathered}$ | 1,456 | 173,302 | $\begin{gathered} 13.1 \% \\ {[9.0,17.2]} \end{gathered}$ | $\begin{gathered} 17.0 \% \\ {[14.9,19.0]} \end{gathered}$ |
| Male | 1,486 | 135,931 | $\begin{gathered} 6.0 \% \\ {[4.2,7.9]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[5.4,7.1]} \end{gathered}$ | 1,185 | 179,198 | $\begin{gathered} 15.5 \% \\ {[11.5,19.6]} \end{gathered}$ | $\begin{gathered} 17.9 \% \\ {[16.1,19.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,015 | 262,171 | $\begin{gathered} 6.3 \% \\ {[4.7,7.9]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[5.3,6.8]} \end{gathered}$ | 311 | 48,477 | $\begin{gathered} 14.0 \% \\ {[8.6,19.4]} \end{gathered}$ | $\begin{gathered} 15.4 \% \\ {[12.9,17.9]} \end{gathered}$ |
| 15-17 | 58 | 5,003 | $\begin{gathered} 21.5 \% \\ {[5.2,37.8]} \end{gathered}$ | $\begin{gathered} 26.9 \% \\ {[19.3,34.5]} \end{gathered}$ | 1,959 | 259,092 | $\begin{gathered} 13.2 \% \\ {[9.3,17.2]} \end{gathered}$ | $\begin{gathered} 16.9 \% \\ {[15.0,18.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 364 | 42,720 | $\begin{gathered} 22.1 \% \\ {[18.1,26.1]} \end{gathered}$ | $\begin{gathered} 23.7 \% \\ {[21.3,26.1]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 803 | 76,310 | $\begin{gathered} 4.2 \% \\ {[2.1,6.2]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.7,4.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,197 | 97,135 | $\begin{gathered} 6.8 \% \\ {[4.5,9.1]} \end{gathered}$ | $\begin{gathered} 5.9 \% \\ {[4.9,6.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,077 | 94,192 | $\begin{gathered} 8.3 \% \\ {[5.8,10.8]} \end{gathered}$ | $\begin{gathered} 9.6 \% \\ {[8.3,11.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 537 | 92,066 | $\begin{gathered} 13.3 \% \\ {[10.0,16.6]} \end{gathered}$ | $\begin{gathered} 15.5 \% \\ {[13.5,17.4]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 663 | 98,540 | $\begin{gathered} 14.0 \% \\ {[8.7,19.4]} \end{gathered}$ | $\begin{gathered} 15.7 \% \\ {[13.4,18.0]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 763 | 91,508 | $\begin{gathered} 13.2 \% \\ {[9.2,17.3]} \end{gathered}$ | $\begin{gathered} 17.8 \% \\ {[15.6,20.1]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 679 | 70,681 | $\begin{gathered} 17.4 \% \\ {[12.8,22.1]} \end{gathered}$ | $\begin{gathered} 21.4 \% \\ {[19.0,23.7]} \end{gathered}$ |

[^22]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \quad \mathrm{Cl}]} \end{aligned}$ |
| Total | 2,641 | 231,165 | $\begin{gathered} 14.0 \% \\ {[11.6,16.5]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[13.4,15.5]} \end{gathered}$ | 1,657 | 235,314 | $\begin{gathered} 13.4 \% \\ {[10.5,16.3]} \end{gathered}$ | $\begin{gathered} 15.8 \% \\ {[14.4,17.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 524 | 41,381 | $\begin{gathered} 20.8 \% \\ {[15.6,26.1]} \end{gathered}$ | $\begin{gathered} 15.6 \% \\ {[14.5,16.8]} \end{gathered}$ | 431 | 38,443 | $\begin{gathered} 18.6 \% \\ {[13.1,24.1]} \end{gathered}$ | $\begin{gathered} 18.4 \% \\ {[17.1,19.6]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 513 | 64,198 | $\begin{gathered} 9.3 \% \\ {[6.7,11.9]} \end{gathered}$ | $\begin{gathered} 11.2 \% \\ {[9.0,13.4]} \end{gathered}$ | 463 | 75,677 | $\begin{gathered} 9.2 \% \\ {[6.4,12.0]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[7.7,11.8]} \end{gathered}$ |
| Hispanic | 1,125 | 88,010 | $\begin{gathered} 14.7 \% \\ {[11.6,17.9]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.6,17.6]} \end{gathered}$ | 531 | 81,943 | $\begin{gathered} 14.4 \% \\ {[11.9,16.9]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.9,17.2]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 315 | 20,579 | $\begin{gathered} 12.6 \% \\ {[8.2,16.9]} \end{gathered}$ | $\begin{gathered} 12.4 \% \\ {[9.3,15.5]} \end{gathered}$ | 183 | 29,154 | $\begin{gathered} 15.2 \% \\ {[7.5,23.0]} \end{gathered}$ | $\begin{gathered} 15.7 \% \\ {[10.1,21.2]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,369 | 114,141 | $\begin{gathered} 15.0 \% \\ {[12.3,17.6]} \end{gathered}$ | $\begin{gathered} 14.3 \% \\ {[13.1,15.5]} \end{gathered}$ | 916 | 116,617 | $\begin{gathered} 14.0 \% \\ {[9.2,18.8]} \end{gathered}$ | $\begin{gathered} 16.5 \% \\ {[14.3,18.7]} \end{gathered}$ |
| Male | 1,271 | 116,942 | $\begin{gathered} 13.2 \% \\ {[10.0,16.3]} \end{gathered}$ | $\begin{gathered} 14.6 \% \\ {[13.2,16.0]} \end{gathered}$ | 741 | 118,697 | $\begin{gathered} 12.8 \% \\ {[9.1,16.6]} \end{gathered}$ | $\begin{gathered} 15.2 \% \\ {[13.5,16.9]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,594 | 227,494 | $\begin{gathered} 14.2 \% \\ {[11.6,16.7]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[13.4,15.6]} \end{gathered}$ | 242 | 35,796 | $\begin{gathered} 16.7 \% \\ {[10.1,23.3]} \end{gathered}$ | $\begin{gathered} 19.1 \% \\ {[16.1,22.2]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 12.0 \% \\ {[5.5,18.6]} \end{gathered}$ | 1,216 | 175,803 | $\begin{gathered} 12.8 \% \\ {[9.6,16.0]} \end{gathered}$ | $\begin{gathered} 15.7 \% \\ {[14.1,17.4]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 195 | 22,469 | $\begin{gathered} 10.7 \% \\ {[5.2,16.1]} \end{gathered}$ | $\begin{gathered} 10.2 \% \\ {[7.7,12.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 737 | 70,012 | $\begin{gathered} 10.1 \% \\ {[7.5,12.7]} \end{gathered}$ | $\begin{gathered} 10.9 \% \\ {[9.6,12.2]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,035 | 84,268 | $\begin{gathered} 15.6 \% \\ {[12.4,18.8]} \end{gathered}$ | $\begin{gathered} 15.0 \% \\ {[13.6,16.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 869 | 76,886 | $\begin{gathered} 15.9 \% \\ {[11.3,20.4]} \end{gathered}$ | $\begin{gathered} 17.6 \% \\ {[15.5,19.7]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 401 | 67,255 | $\begin{gathered} 16.4 \% \\ {[10.6,22.2]} \end{gathered}$ | $\begin{gathered} 19.2 \% \\ {[16.3,22.0]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 437 | 68,368 | $\begin{gathered} 12.4 \% \\ {[7.4,17.5]} \end{gathered}$ | $\begin{gathered} 16.1 \% \\ {[13.7,18.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 441 | 60,035 | $\begin{gathered} 12.9 \% \\ {[10.3,15.6]} \end{gathered}$ | $\begin{gathered} 14.0 \% \\ {[12.4,15.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 378 | 39,655 | $\begin{gathered} 10.7 \% \\ {[6.1,15.3]} \end{gathered}$ | $\begin{gathered} 13.1 \% \\ {[11.0,15.3]} \end{gathered}$ |

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.
${ }^{\dagger}$ Sample population.
$\ddagger$ 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 <br> Estimate ${ }^{\ddagger}$ [95\% CI] | New York City Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  |
| Total | 3,024 | 263,012 | $\begin{gathered} 7.9 \% \\ {[6.5,9.3]} \end{gathered}$ | $\begin{gathered} 6.4 \% \\ {[5.7,7.1]} \end{gathered}$ | 2,639 | 352,798 | $\begin{gathered} 11.0 \% \\ {[9.1,13.0]} \end{gathered}$ | $\begin{gathered} 10.3 \% \\ {[9.4,11.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 599 | 46,673 | $\begin{gathered} 8.7 \% \\ {[5.5,12.0]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[4.1,5.6]} \end{gathered}$ | 839 | 74,979 | $\begin{gathered} 9.8 \% \\ {[6.6,13.0]} \end{gathered}$ | $\begin{gathered} 8.9 \% \\ {[8.1,9.8]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 586 | 72,447 | $\begin{gathered} 6.1 \% \\ {[4.3,7.9]} \end{gathered}$ | $\begin{gathered} 7.1 \% \\ {[5.6,8.6]} \end{gathered}$ | 585 | 95,023 | $\begin{gathered} 5.3 \% \\ {[3.4,7.1]} \end{gathered}$ | $\begin{gathered} 7.6 \% \\ {[5.7,9.5]} \end{gathered}$ |
| Hispanic | 1,296 | 100,234 | $\begin{gathered} 8.0 \% \\ {[6.2,9.7]} \end{gathered}$ | $\begin{gathered} 9.3 \% \\ {[7.8,10.8]} \end{gathered}$ | 842 | 121,512 | $\begin{gathered} 12.7 \% \\ {[8.9,16.6]} \end{gathered}$ | $\begin{gathered} 13.3 \% \\ {[10.4,16.2]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 352 | 23,970 | $\begin{gathered} 11.1 \% \\ {[6.5,15.8]} \end{gathered}$ | $\begin{gathered} 9.3 \% \\ {[6.3,12.3]} \end{gathered}$ | 290 | 46,372 | $\begin{gathered} 18.2 \% \\ {[11.0,25.4]} \end{gathered}$ | $\begin{gathered} 17.5 \% \\ {[12.4,22.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,561 | 129,697 | $\begin{gathered} 7.2 \% \\ {[5.3,9.1]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.6,6.1]} \end{gathered}$ | 1,454 | 173,096 | $\begin{gathered} 8.3 \% \\ {[5.2,11.4]} \end{gathered}$ | $\begin{gathered} 7.3 \% \\ {[6.0,8.6]} \end{gathered}$ |
| Male | 1,462 | 133,233 | $\begin{gathered} 8.6 \% \\ {[6.8,10.3]} \end{gathered}$ | $\begin{gathered} 7.4 \% \\ {[6.5,8.2]} \end{gathered}$ | 1,184 | 179,509 | $\begin{gathered} 13.7 \% \\ {[11.8,15.6]} \end{gathered}$ | $\begin{gathered} 13.1 \% \\ {[12.1,14.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,963 | 257,544 | $\begin{gathered} 7.9 \% \\ {[6.5,9.3]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[5.6,6.9]} \end{gathered}$ | 309 | 48,253 | $\begin{gathered} 9.2 \% \\ {[4.7,13.6]} \end{gathered}$ | $\begin{gathered} 9.2 \% \\ {[7.3,11.2]} \end{gathered}$ |
| 15-17 | 57 | 5,005 | $\begin{gathered} 6.6 \% \\ {[-1.2,14.5]} \end{gathered}$ | $\begin{gathered} 14.1 \% \\ {[9.4,18.8]} \end{gathered}$ | 1,963 | 259,910 | $\begin{gathered} 10.3 \% \\ {[8.5,12.1]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[8.9,10.7]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 360 | 42,424 | $\begin{gathered} 17.2 \% \\ {[13.1,21.3]} \end{gathered}$ | $\begin{gathered} 14.8 \% \\ {[12.6,16.9]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 785 | 74,246 | $\begin{gathered} 5.8 \% \\ {[3.3,8.3]} \end{gathered}$ | $\begin{gathered} 5.0 \% \\ {[4.0,5.9]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,170 | 95,276 | $\begin{gathered} 9.0 \% \\ {[7.4,10.7]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.5,7.5]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,069 | 93,490 | $\begin{gathered} 8.5 \% \\ {[5.2,11.7]} \end{gathered}$ | $\begin{gathered} 7.6 \% \\ {[6.3,9.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 538 | 92,600 | $\begin{gathered} 12.0 \% \\ {[8.1,15.8]} \end{gathered}$ | $\begin{gathered} 10.8 \% \\ {[8.9,12.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 664 | 98,789 | $\begin{gathered} 10.9 \% \\ {[6.9,14.9]} \end{gathered}$ | $\begin{gathered} 9.1 \% \\ {[7.4,10.8]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 764 | 91,312 | $\begin{gathered} 8.2 \% \\ {[5.8,10.5]} \end{gathered}$ | $\begin{gathered} 9.2 \% \\ {[7.9,10.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 673 | 70,097 | $\begin{gathered} 13.7 \% \\ {[8.9,18.5]} \end{gathered}$ | $\begin{gathered} 12.5 \% \\ {[10.7,14.3]} \end{gathered}$ |

[^23]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Estimate ${ }^{\ddagger}$ $[95 \% \mathrm{Cl}]$ |
| Total | 3,094 | 269,051 | $\begin{gathered} 92.4 \% \\ {[90.7,94.1]} \end{gathered}$ | $\begin{gathered} 94.3 \% \\ {[93.5,95.1]} \end{gathered}$ | 2,661 | 356,629 | $\begin{gathered} 91.8 \% \\ {[89.9,93.7]} \end{gathered}$ | $\begin{gathered} 93.4 \% \\ {[92.4,94.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 605 | 47,039 | $\begin{gathered} 94.8 \% \\ {[92.3,97.3]} \end{gathered}$ | $\begin{gathered} 96.5 \% \\ {[96.1,97.0]} \end{gathered}$ | 841 | 75,187 | $\begin{gathered} 93.1 \% \\ {[89.6,96.7]} \end{gathered}$ | $\begin{gathered} 95.4 \% \\ {[94.6,96.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 596 | 73,338 | $\begin{gathered} 93.3 \% \\ {[90.4,96.1]} \end{gathered}$ | $\begin{gathered} 92.7 \% \\ {[90.7,94.6]} \end{gathered}$ | 595 | 96,498 | $\begin{gathered} 91.4 \% \\ {[88.0,94.9]} \end{gathered}$ | $\begin{gathered} 90.9 \% \\ {[88.5,93.2]} \end{gathered}$ |
| Hispanic | 1,329 | 103,436 | $\begin{gathered} 91.4 \% \\ {[88.9,93.9]} \end{gathered}$ | $\begin{gathered} 91.1 \% \\ {[89.2,93.0]} \end{gathered}$ | 850 | 122,964 | $\begin{gathered} 91.2 \% \\ {[88.5,94.0]} \end{gathered}$ | $\begin{gathered} 90.7 \% \\ {[88.5,92.8]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 364 | 24,338 | $\begin{gathered} 91.5 \% \\ {[87.5,95.4]} \end{gathered}$ | $\begin{gathered} 92.3 \% \\ {[89.7,94.8]} \end{gathered}$ | 292 | 46,857 | $\begin{gathered} 92.1 \% \\ {[87.7,96.4]} \end{gathered}$ | $\begin{gathered} 91.5 \% \\ {[88.3,94.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,592 | 131,842 | $\begin{gathered} 93.7 \% \\ {[91.9,95.4]} \end{gathered}$ | $\begin{gathered} 95.3 \% \\ {[94.5,96.1]} \end{gathered}$ | 1,459 | 174,068 | $\begin{gathered} 92.8 \% \\ {[90.5,95.0]} \end{gathered}$ | $\begin{gathered} 95.3 \% \\ {[94.1,96.4]} \end{gathered}$ |
| Male | 1,501 | 137,127 | $\begin{gathered} 91.1 \% \\ {[88.7,93.6]} \end{gathered}$ | $\begin{gathered} 93.4 \% \\ {[92.3,94.4]} \end{gathered}$ | 1,200 | 182,071 | $\begin{gathered} 90.8 \% \\ {[88.2,93.3]} \end{gathered}$ | $\begin{gathered} 91.7 \% \\ {[90.4,93.0]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 3,030 | 263,199 | $\begin{gathered} 92.7 \% \\ {[91.0,94.4]} \end{gathered}$ | $\begin{gathered} 94.6 \% \\ {[93.8,95.4]} \end{gathered}$ | 312 | 48,714 | $\begin{gathered} 86.6 \% \\ {[81.7,91.4]} \end{gathered}$ | $\begin{gathered} 91.4 \% \\ {[89.1,93.6]} \end{gathered}$ |
| 15-17 | 60 | 5,389 | $\begin{gathered} 77.0 \% \\ {[63.8,90.3]} \end{gathered}$ | $\begin{gathered} 79.5 \% \\ {[73.2,85.7]} \end{gathered}$ | 1,976 | 262,458 | $\begin{gathered} 92.8 \% \\ {[91.2,94.5]} \end{gathered}$ | $\begin{gathered} 94.1 \% \\ {[93.2,94.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 365 | 42,950 | $\begin{gathered} 92.4 \% \\ {[88.4,96.5]} \end{gathered}$ | $\begin{gathered} 92.3 \% \\ {[90.5,94.1]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 810 | 77,248 | $\begin{gathered} 94.2 \% \\ {[91.9,96.5]} \end{gathered}$ | $\begin{gathered} 95.2 \% \\ {[94.4,96.1]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,194 | 97,088 | $\begin{gathered} 92.4 \% \\ {[89.8,94.9]} \end{gathered}$ | $\begin{gathered} 94.8 \% \\ {[93.5,96.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,090 | 94,715 | $\begin{gathered} 90.9 \% \\ {[87.9,94.0]} \end{gathered}$ | $\begin{gathered} 93.0 \% \\ {[91.7,94.4]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 544 | 93,684 | $\begin{gathered} 85.9 \% \\ {[81.8,90.1]} \end{gathered}$ | $\begin{gathered} 90.8 \% \\ {[88.7,92.9]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 667 | 99,381 | $\begin{gathered} 90.8 \% \\ {[87.7,93.8]} \end{gathered}$ | $\begin{gathered} 93.1 \% \\ {[91.6,94.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 771 | 92,838 | $\begin{gathered} 95.6 \% \\ {[92.9,98.3]} \end{gathered}$ | $\begin{gathered} 95.0 \% \\ {[93.8,96.2]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 679 | 70,725 | $\begin{gathered} 95.9 \% \\ {[94.1,97.6]} \end{gathered}$ | $\begin{gathered} 94.9 \% \\ {[94.0,95.9]} \end{gathered}$ |

[^24]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  |  |
|  | nt | $\mathbf{N} \ddagger$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | nt | $\mathbf{N} \ddagger$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 3,005 | 261,720 | $\begin{gathered} \hline 86.7 \% \\ {[83.8,89.6]} \end{gathered}$ | $\begin{gathered} 90.6 \% \\ {[89.2,91.9]} \end{gathered}$ | 2,638 | 352,747 | $\begin{gathered} 89.6 \% \\ {[85.9,93.3]} \end{gathered}$ | $\begin{gathered} 92.5 \% \\ {[90.8,94.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 596 | 46,167 | $\begin{gathered} 92.8 \% \\ {[89.0,96.6]} \end{gathered}$ | $\begin{gathered} 94.3 \% \\ {[93.6,95.0]} \end{gathered}$ | 835 | 74,164 | $\begin{gathered} 96.1 \% \\ {[94.0,98.1]} \end{gathered}$ | $\begin{gathered} 95.7 \% \\ {[95.1,96.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 570 | 71,176 | $\begin{gathered} 87.0 \% \\ {[82.6,91.5]} \end{gathered}$ | $\begin{gathered} 86.7 \% \\ {[83.7,89.8]} \end{gathered}$ | 585 | 95,050 | $\begin{gathered} 86.6 \% \\ {[81.3,91.9]} \end{gathered}$ | $\begin{gathered} 86.6 \% \\ {[83.0,90.1]} \end{gathered}$ |
| Hispanic | 1,294 | 100,051 | $\begin{gathered} 85.7 \% \\ {[81.1,90.2]} \end{gathered}$ | $\begin{gathered} 86.2 \% \\ {[82.7,89.6]} \end{gathered}$ | 843 | 121,599 | $\begin{gathered} 86.5 \% \\ {[81.1,91.8]} \end{gathered}$ | $\begin{gathered} 87.5 \% \\ {[83.4,91.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 352 | 24,097 | $\begin{gathered} 85.0 \% \\ {[79.9,90.1]} \end{gathered}$ | $\begin{gathered} 86.7 \% \\ {[83.4,90.0]} \end{gathered}$ | 290 | 46,528 | $\begin{gathered} 92.6 \% \\ {[89.2,96.0]} \end{gathered}$ | $\begin{gathered} 92.5 \% \\ {[90.0,95.0]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,553 | 129,164 | $\begin{gathered} 89.4 \% \\ {[86.5,92.3]} \end{gathered}$ | $\begin{gathered} 93.1 \% \\ {[91.8,94.3]} \end{gathered}$ | 1,457 | 173,501 | $\begin{gathered} 91.9 \% \\ {[88.0,95.9]} \end{gathered}$ | $\begin{gathered} 94.8 \% \\ {[93.1,96.6]} \end{gathered}$ |
| Male | 1,451 | 132,474 | $\begin{gathered} 84.0 \% \\ {[80.4,87.6]} \end{gathered}$ | $\begin{gathered} 88.1 \% \\ {[86.4,89.8]} \end{gathered}$ | 1,179 | 178,757 | $\begin{gathered} 87.5 \% \\ {[83.3,91.7]} \end{gathered}$ | $\begin{gathered} 90.3 \% \\ {[88.3,92.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,941 | 255,770 | $\begin{gathered} 86.7 \% \\ {[83.7,89.7]} \end{gathered}$ | $\begin{gathered} 90.7 \% \\ {[89.3,92.1]} \end{gathered}$ | 317 | 49,576 | $\begin{gathered} 85.3 \% \\ {[77.9,92.8]} \end{gathered}$ | $\begin{gathered} 89.7 \% \\ {[86.4,93.1]} \end{gathered}$ |
| 15-17 | 60 | 5,487 | $\begin{gathered} 87.3 \% \\ {[77.1,97.6]} \end{gathered}$ | $\begin{gathered} 85.8 \% \\ {[80.7,90.9]} \end{gathered}$ | 1,953 | 258,752 | $\begin{gathered} 90.2 \% \\ {[86.8,93.6]} \end{gathered}$ | $\begin{gathered} 93.0 \% \\ {[91.5,94.6]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 360 | 41,912 | $\begin{gathered} 91.4 \% \\ {[88.0,94.8]} \end{gathered}$ | $\begin{gathered} 92.2 \% \\ {[90.6,93.9]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 782 | 74,735 | $\begin{gathered} 83.1 \% \\ {[77.8,88.5]} \end{gathered}$ | $\begin{gathered} 89.5 \% \\ {[87.5,91.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,158 | 95,304 | $\begin{gathered} 87.9 \% \\ {[84.3,91.5]} \end{gathered}$ | $\begin{gathered} 90.9 \% \\ {[89.2,92.7]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,065 | 91,681 | $\begin{gathered} 88.3 \% \\ {[83.7,92.8]} \end{gathered}$ | $\begin{gathered} 91.2 \% \\ {[89.1,93.3]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 544 | 93,363 | $\begin{gathered} 84.2 \% \\ {[76.9,91.4]} \end{gathered}$ | $\begin{gathered} 89.3 \% \\ {[85.9,92.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 659 | 98,556 | $\begin{gathered} 87.5 \% \\ {[83.3,91.7]} \end{gathered}$ | $\begin{gathered} 91.8 \% \\ {[89.7,93.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 759 | 90,953 | $\begin{gathered} 92.7 \% \\ {[89.1,96.4]} \end{gathered}$ | $\begin{gathered} 93.9 \% \\ {[92.3,95.5]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 676 | 69,875 | $\begin{gathered} 95.7 \% \\ {[93.4,98.1]} \end{gathered}$ | $\begin{gathered} 95.1 \% \\ {[93.9,96.4]} \end{gathered}$ |

[^25]Table 33. Percentage of Middle and High School Students Who Report Exposure to Pro-Tobacco Advertising on the I nternet, 2008 YTS

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New York City Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ $[95 \% \mathrm{CI}]$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 2,954 | 256,700 | $\begin{gathered} 66.5 \% \\ {[62.6,70.4]} \end{gathered}$ | $\begin{gathered} 68.5 \% \\ {[66.8,70.1]} \end{gathered}$ | 2,605 | 347,704 | $\begin{gathered} 71.8 \% \\ {[67.6,75.9]} \end{gathered}$ | $\begin{gathered} 75.3 \% \\ {[73.3,77.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 587 | 45,733 | $\begin{gathered} 66.9 \% \\ {[56.6,77.2]} \end{gathered}$ | $\begin{gathered} 71.0 \% \\ {[69.3,72.7]} \end{gathered}$ | 828 | 73,623 | $\begin{gathered} 79.6 \% \\ {[75.9,83.3]} \end{gathered}$ | $\begin{gathered} 79.3 \% \\ {[78.2,80.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 562 | 69,904 | $\begin{gathered} 67.4 \% \\ {[61.9,72.8]} \end{gathered}$ | $\begin{gathered} 66.0 \% \\ {[62.3,69.7]} \end{gathered}$ | 575 | 93,455 | $\begin{gathered} 70.3 \% \\ {[62.5,78.1]} \end{gathered}$ | $\begin{gathered} 69.4 \% \\ {[64.3,74.5]} \end{gathered}$ |
| Hispanic | 1,277 | 98,484 | $\begin{gathered} 68.0 \% \\ {[63.2,72.7]} \end{gathered}$ | $\begin{gathered} 67.0 \% \\ {[63.5,70.6]} \end{gathered}$ | 833 | 120,102 | $\begin{gathered} 67.5 \% \\ {[63.4,71.6]} \end{gathered}$ | $\begin{gathered} 69.4 \% \\ {[65.9,73.0]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 342 | 23,540 | $\begin{gathered} 65.2 \% \\ {[60.8,69.7]} \end{gathered}$ | $\begin{gathered} 66.0 \% \\ {[63.0,69.0]} \end{gathered}$ | 286 | 45,692 | $\begin{gathered} 73.9 \% \\ {[67.2,80.7]} \end{gathered}$ | $\begin{gathered} 73.4 \% \\ {[68.6,78.3]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,531 | 127,740 | $\begin{gathered} 72.3 \% \\ {[69.0,75.6]} \end{gathered}$ | $\begin{gathered} 73.3 \% \\ {[71.8,74.8]} \end{gathered}$ | 1,442 | 171,004 | $\begin{gathered} 76.1 \% \\ {[71.0,81.2]} \end{gathered}$ | $\begin{gathered} 79.7 \% \\ {[77.4,82.0]} \end{gathered}$ |
| Male | 1,422 | 128,878 | $\begin{gathered} 60.7 \% \\ {[55.3,66.1]} \end{gathered}$ | $\begin{gathered} 63.7 \% \\ {[61.4,65.9]} \end{gathered}$ | 1,163 | 176,700 | $\begin{gathered} 67.5 \% \\ {[63.2,71.8]} \end{gathered}$ | $\begin{gathered} 71.1 \% \\ {[69.0,73.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,892 | 251,073 | $\begin{gathered} 66.5 \% \\ {[62.4,70.5]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[66.9,70.3]} \end{gathered}$ | 310 | 48,066 | $\begin{gathered} 69.9 \% \\ {[61.8,77.9]} \end{gathered}$ | $\begin{gathered} 73.5 \% \\ {[70.1,76.9]} \end{gathered}$ |
| 15-17 | 59 | 5,285 | $\begin{gathered} 66.9 \% \\ {[50.9,82.9]} \end{gathered}$ | $\begin{gathered} 62.0 \% \\ {[54.3,69.8]} \end{gathered}$ | 1,932 | 255,769 | $\begin{gathered} 71.9 \% \\ {[67.3,76.5]} \end{gathered}$ | $\begin{gathered} 75.9 \% \\ {[73.7,78.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 356 | 41,658 | $\begin{gathered} 73.8 \% \\ {[67.9,79.6]} \end{gathered}$ | $\begin{gathered} 74.6 \% \\ {[71.9,77.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 765 | 72,084 | $\begin{gathered} 62.3 \% \\ {[56.3,68.3]} \end{gathered}$ | $\begin{gathered} 63.6 \% \\ {[61.4,65.7]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,140 | 94,367 | $\begin{gathered} 65.5 \% \\ {[60.5,70.5]} \end{gathered}$ | $\begin{gathered} 68.3 \% \\ {[65.9,70.8]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,049 | 90,248 | $\begin{gathered} 70.8 \% \\ {[64.0,77.7]} \end{gathered}$ | $\begin{gathered} 73.0 \% \\ {[70.1,76.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 533 | 91,259 | $\begin{gathered} 69.3 \% \\ {[63.4,75.3]} \end{gathered}$ | $\begin{gathered} 72.4 \% \\ {[69.6,75.3]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 652 | 97,222 | $\begin{gathered} 65.0 \% \\ {[57.4,72.6]} \end{gathered}$ | $\begin{gathered} 73.7 \% \\ {[69.9,77.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 752 | 89,991 | $\begin{gathered} 76.6 \% \\ {[70.5,82.7]} \end{gathered}$ | $\begin{gathered} 77.7 \% \\ {[75.1,80.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 668 | 69,232 | $\begin{gathered} 78.2 \% \\ {[74.9,81.4]} \end{gathered}$ | $\begin{gathered} 77.8 \% \\ {[75.9,79.7]} \end{gathered}$ |

[^26]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 2,935 | 255,581 | $\begin{gathered} 54.0 \% \\ {[50.3,57.7]} \end{gathered}$ | $\begin{gathered} 54.2 \% \\ {[52.5,56.0]} \end{gathered}$ | 2,604 | 347,888 | $\begin{gathered} 65.2 \% \\ {[60.6,69.7]} \end{gathered}$ | $\begin{gathered} 65.8 \% \\ {[63.9,67.7]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 591 | 45,679 | $\begin{gathered} 56.1 \% \\ {[50.3,61.9]} \end{gathered}$ | $\begin{gathered} 56.1 \% \\ {[54.5,57.8]} \end{gathered}$ | 834 | 74,036 | $\begin{gathered} 73.1 \% \\ {[66.8,79.3]} \end{gathered}$ | $\begin{gathered} 67.9 \% \\ {[66.4,69.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 561 | 70,033 | $\begin{gathered} 58.0 \% \\ {[52.4,63.6]} \end{gathered}$ | $\begin{gathered} 55.2 \% \\ {[51.3,59.2]} \end{gathered}$ | 570 | 92,956 | $\begin{gathered} 63.9 \% \\ {[59.0,68.8]} \end{gathered}$ | $\begin{gathered} 63.1 \% \\ {[59.7,66.6]} \end{gathered}$ |
| Hispanic | 1,257 | 97,159 | $\begin{gathered} 51.6 \% \\ {[46.1,57.2]} \end{gathered}$ | $\begin{gathered} 51.0 \% \\ {[46.9,55.1]} \end{gathered}$ | 829 | 119,765 | $\begin{gathered} 62.1 \% \\ {[57.3,67.0]} \end{gathered}$ | $\begin{gathered} 62.2 \% \\ {[58.6,65.9]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 341 | 23,486 | $\begin{gathered} 50.7 \% \\ {[44.9,56.5]} \end{gathered}$ | $\begin{gathered} 50.3 \% \\ {[46.4,54.2]} \end{gathered}$ | 287 | 46,120 | $\begin{gathered} 67.1 \% \\ {[62.5,71.7]} \end{gathered}$ | $\begin{gathered} 66.4 \% \\ {[63.1,69.7]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,514 | 126,011 | $\begin{gathered} 63.2 \% \\ {[59.1,67.4]} \end{gathered}$ | $\begin{gathered} 62.2 \% \\ {[60.3,64.0]} \end{gathered}$ | 1,437 | 170,657 | $\begin{gathered} 72.0 \% \\ {[67.3,76.6]} \end{gathered}$ | $\begin{gathered} 72.8 \% \\ {[70.7,74.8]} \end{gathered}$ |
| Male | 1,420 | 129,488 | $\begin{gathered} 44.9 \% \\ {[40.5,49.4]} \end{gathered}$ | $\begin{gathered} 46.4 \% \\ {[44.3,48.5]} \end{gathered}$ | 1,165 | 176,742 | $\begin{gathered} 58.7 \% \\ {[53.2,64.2]} \end{gathered}$ | $\begin{gathered} 59.1 \% \\ {[56.9,61.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,874 | 250,010 | $\begin{gathered} 54.1 \% \\ {[50.4,57.8]} \end{gathered}$ | $\begin{gathered} 54.4 \% \\ {[52.7,56.1]} \end{gathered}$ | 310 | 48,198 | $\begin{gathered} 62.9 \% \\ {[56.4,69.3]} \end{gathered}$ | $\begin{gathered} 60.9 \% \\ {[57.7,64.2]} \end{gathered}$ |
| 15-17 | 57 | 5,107 | $\begin{gathered} 49.9 \% \\ {[31.6,68.3]} \end{gathered}$ | $\begin{gathered} 46.0 \% \\ {[37.8,54.2]} \end{gathered}$ | 1,929 | 255,494 | $\begin{gathered} 64.6 \% \\ {[59.7,69.5]} \end{gathered}$ | $\begin{gathered} 66.2 \% \\ {[64.0,68.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 357 | 41,690 | $\begin{gathered} 71.7 \% \\ {[65.8,77.6]} \end{gathered}$ | $\begin{gathered} 69.4 \% \\ {[66.5,72.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 764 | 73,124 | $\begin{gathered} 47.2 \% \\ {[41.2,53.1]} \end{gathered}$ | $\begin{gathered} 48.6 \% \\ {[46.0,51.1]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,130 | 93,363 | $\begin{gathered} 54.7 \% \\ {[49.8,59.6]} \end{gathered}$ | $\begin{gathered} 54.7 \% \\ {[52.4,57.1]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,041 | 89,094 | $\begin{gathered} 58.8 \% \\ {[53.4,64.2]} \end{gathered}$ | $\begin{gathered} 59.0 \% \\ {[56.4,61.5]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 533 | 91,363 | $\begin{gathered} 61.3 \% \\ {[54.9,67.6]} \end{gathered}$ | $\begin{gathered} 61.2 \% \\ {[58.3,64.1]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 650 | 97,164 | $\begin{gathered} 57.4 \% \\ {[51.0,63.8]} \end{gathered}$ | $\begin{gathered} 61.9 \% \\ {[58.8,65.0]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 753 | 90,310 | $\begin{gathered} 70.9 \% \\ {[66.0,75.8]} \end{gathered}$ | $\begin{gathered} 70.0 \% \\ {[67.8,72.2]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 668 | 69,051 | $\begin{gathered} 73.7 \% \\ {[71.1,76.3]} \end{gathered}$ | $\begin{gathered} 70.8 \% \\ {[69.1,72.5]} \end{gathered}$ |

[^27]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% Cl] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 2,920 | 253,819 | $\begin{gathered} 78.5 \% \\ {[74.5,82.5]} \end{gathered}$ | $\begin{gathered} 84.8 \% \\ {[83.0,86.6]} \end{gathered}$ | 2,594 | 345,743 | $\begin{gathered} 81.3 \% \\ {[76.7,85.9]} \end{gathered}$ | $\begin{gathered} 85.9 \% \\ {[83.6,88.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 590 | 45,731 | $\begin{gathered} 86.8 \% \\ {[81.7,92.0]} \end{gathered}$ | $\begin{gathered} 90.3 \% \\ {[89.1,91.5]} \end{gathered}$ | 832 | 73,549 | $\begin{gathered} 89.2 \% \\ {[84.8,93.6]} \end{gathered}$ | $\begin{gathered} 90.8 \% \\ {[89.6,91.9]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 556 | 68,979 | $\begin{gathered} 76.2 \% \\ {[69.7,82.6]} \end{gathered}$ | $\begin{gathered} 77.7 \% \\ {[73.5,81.8]} \end{gathered}$ | 569 | 92,578 | $\begin{gathered} 80.3 \% \\ {[75.6,84.9]} \end{gathered}$ | $\begin{gathered} 79.3 \% \\ {[75.8,82.7]} \end{gathered}$ |
| Hispanic | 1,254 | 96,880 | $\begin{gathered} 77.5 \% \\ {[71.9,83.1]} \end{gathered}$ | $\begin{gathered} 78.2 \% \\ {[74.0,82.4]} \end{gathered}$ | 827 | 119,349 | $\begin{gathered} 75.7 \% \\ {[68.3,83.1]} \end{gathered}$ | $\begin{gathered} 77.7 \% \\ {[71.9,83.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 337 | 23,420 | $\begin{gathered} 77.5 \% \\ {[71.4,83.7]} \end{gathered}$ | $\begin{gathered} 80.3 \% \\ {[76.3,84.3]} \end{gathered}$ | 285 | 45,669 | $\begin{gathered} 85.3 \% \\ {[81.5,89.1]} \end{gathered}$ | $\begin{gathered} 84.5 \% \\ {[81.5,87.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,500 | 124,475 | $\begin{gathered} 82.5 \% \\ {[78.1,86.9]} \end{gathered}$ | $\begin{gathered} 88.4 \% \\ {[86.6,90.2]} \end{gathered}$ | 1,432 | 169,538 | $\begin{gathered} 84.6 \% \\ {[79.7,89.6]} \end{gathered}$ | $\begin{gathered} 89.7 \% \\ {[87.2,92.1]} \end{gathered}$ |
| Male | 1,419 | 129,262 | $\begin{gathered} 74.6 \% \\ {[70.0,79.2]} \end{gathered}$ | $\begin{gathered} 81.2 \% \\ {[79.0,83.5]} \end{gathered}$ | 1,162 | 176,205 | $\begin{gathered} 78.1 \% \\ {[72.5,83.7]} \end{gathered}$ | $\begin{gathered} 82.4 \% \\ {[79.7,85.1]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,857 | 247,976 | $\begin{gathered} 78.7 \% \\ {[74.6,82.8]} \end{gathered}$ | $\begin{gathered} 85.0 \% \\ {[83.2,86.9]} \end{gathered}$ | 309 | 47,886 | $\begin{gathered} 76.5 \% \\ {[69.4,83.7]} \end{gathered}$ | $\begin{gathered} 83.0 \% \\ {[79.1,86.9]} \end{gathered}$ |
| 15-17 | 59 | 5,380 | $\begin{gathered} 73.8 \% \\ {[59.1,88.5]} \end{gathered}$ | $\begin{gathered} 75.8 \% \\ {[69.1,82.5]} \end{gathered}$ | 1,922 | 254,056 | $\begin{gathered} 82.2 \% \\ {[77.7,86.8]} \end{gathered}$ | $\begin{gathered} 86.7 \% \\ {[84.5,88.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 356 | 41,590 | $\begin{gathered} 81.7 \% \\ {[76.2,87.1]} \end{gathered}$ | $\begin{gathered} 85.1 \% \\ {[82.5,87.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 757 | 72,276 | $\begin{gathered} 74.7 \% \\ {[67.5,81.9]} \end{gathered}$ | $\begin{gathered} 83.9 \% \\ {[81.2,86.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,124 | 92,918 | $\begin{gathered} 78.9 \% \\ {[73.8,83.9]} \end{gathered}$ | $\begin{gathered} 84.6 \% \\ {[82.1,87.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,039 | 88,625 | $\begin{gathered} 81.2 \% \\ {[75.0,87.5]} \end{gathered}$ | $\begin{gathered} 85.9 \% \\ {[83.0,88.7]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 530 | 90,406 | $\begin{gathered} 74.5 \% \\ {[67.2,81.8]} \end{gathered}$ | $\begin{gathered} 81.7 \% \\ {[77.7,85.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 646 | 96,521 | $\begin{gathered} 78.1 \% \\ {[73.9,82.2]} \end{gathered}$ | $\begin{gathered} 84.8 \% \\ {[82.2,87.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 750 | 89,825 | $\begin{gathered} 84.7 \% \\ {[77.8,91.6]} \end{gathered}$ | $\begin{gathered} 87.8 \% \\ {[84.9,90.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 668 | 68,990 | $\begin{gathered} 90.2 \% \\ {[87.6,92.9]} \end{gathered}$ | $\begin{gathered} 89.9 \% \\ {[88.2,91.5]} \end{gathered}$ |

[^28]
## 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 <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | New York City Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% Cl] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ $[95 \% \mathrm{CI}]$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 2,935 | 254,703 | $\begin{gathered} 60.6 \% \\ {[56.8,64.4]} \end{gathered}$ | $\begin{gathered} 65.1 \% \\ {[63.4,66.7]} \end{gathered}$ | 2,600 | 346,858 | $\begin{gathered} 64.8 \% \\ {[59.5,70.2]} \end{gathered}$ | $\begin{gathered} 70.7 \% \\ {[68.1,73.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 590 | 45,679 | $\begin{gathered} 64.7 \% \\ {[54.8,74.6]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[66.9,70.3]} \end{gathered}$ | 831 | 73,394 | $\begin{gathered} 70.8 \% \\ {[63.8,77.8]} \end{gathered}$ | $\begin{gathered} 75.5 \% \\ {[74.0,77.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 557 | 69,195 | $\begin{gathered} 58.7 \% \\ {[52.8,64.5]} \end{gathered}$ | $\begin{gathered} 60.0 \% \\ {[56.2,63.8]} \end{gathered}$ | 575 | 93,734 | $\begin{gathered} 60.6 \% \\ {[52.0,69.3]} \end{gathered}$ | $\begin{gathered} 61.7 \% \\ {[56.3,67.1]} \end{gathered}$ |
| Hispanic | 1,261 | 97,382 | $\begin{gathered} 63.4 \% \\ {[58.6,68.2]} \end{gathered}$ | $\begin{gathered} 63.5 \% \\ {[59.9,67.0]} \end{gathered}$ | 827 | 119,271 | $\begin{gathered} 64.1 \% \\ {[56.9,71.2]} \end{gathered}$ | $\begin{gathered} 66.2 \% \\ {[60.5,71.8]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 342 | 23,423 | $\begin{gathered} 56.8 \% \\ {[51.2,62.5]} \end{gathered}$ | $\begin{gathered} 59.1 \% \\ {[55.4,62.9]} \end{gathered}$ | 286 | 46,048 | $\begin{gathered} 69.2 \% \\ {[63.9,74.5]} \end{gathered}$ | $\begin{gathered} 68.9 \% \\ {[64.9,72.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,511 | 125,315 | $\begin{gathered} 66.6 \% \\ {[62.8,70.4]} \end{gathered}$ | $\begin{gathered} 69.5 \% \\ {[67.7,71.3]} \end{gathered}$ | 1,436 | 170,185 | $\begin{gathered} 68.7 \% \\ {[62.6,74.8]} \end{gathered}$ | $\begin{gathered} 75.0 \% \\ {[72.2,77.9]} \end{gathered}$ |
| Male | 1,423 | 129,305 | $\begin{gathered} 54.8 \% \\ {[49.8,59.9]} \end{gathered}$ | $\begin{gathered} 60.7 \% \\ {[58.5,62.9]} \end{gathered}$ | 1,164 | 176,673 | $\begin{gathered} 61.1 \% \\ {[54.7,67.5]} \end{gathered}$ | $\begin{gathered} 66.6 \% \\ {[63.6,69.6]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,874 | 248,979 | $\begin{gathered} 60.4 \% \\ {[56.5,64.4]} \end{gathered}$ | $\begin{gathered} 65.1 \% \\ {[63.4,66.8]} \end{gathered}$ | 308 | 47,892 | $\begin{gathered} 60.3 \% \\ {[54.1,66.5]} \end{gathered}$ | $\begin{gathered} 67.9 \% \\ {[64.4,71.4]} \end{gathered}$ |
| 15-17 | 57 | 5,260 | $\begin{gathered} 71.5 \% \\ {[59.1,83.8]} \end{gathered}$ | $\begin{gathered} 65.5 \% \\ {[58.9,72.2]} \end{gathered}$ | 1,928 | 255,139 | $\begin{gathered} 64.5 \% \\ {[58.0,71.1]} \end{gathered}$ | $\begin{gathered} 71.0 \% \\ {[68.0,74.1]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 357 | 41,615 | $\begin{gathered} 70.3 \% \\ {[67.0,73.6]} \end{gathered}$ | $\begin{gathered} 71.7 \% \\ {[69.5,73.8]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 761 | 72,594 | $\begin{gathered} 56.5 \% \\ {[49.9,63.2]} \end{gathered}$ | $\begin{gathered} 61.7 \% \\ {[59.2,64.2]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 1,135 | 93,475 | $\begin{gathered} 60.1 \% \\ {[55.4,64.8]} \end{gathered}$ | $\begin{gathered} 64.7 \% \\ {[62.4,67.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 1,039 | 88,633 | $\begin{gathered} 64.5 \% \\ {[58.0,71.1]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[65.7,71.5]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 530 | 90,868 | $\begin{gathered} 60.9 \% \\ {[53.3,68.5]} \end{gathered}$ | $\begin{gathered} 68.3 \% \\ {[64.5,72.0]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 648 | 96,706 | $\begin{gathered} 60.2 \% \\ {[51.8,68.5]} \end{gathered}$ | $\begin{gathered} 68.8 \% \\ {[64.9,72.7]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 751 | 89,958 | $\begin{gathered} 68.7 \% \\ {[61.8,75.7]} \end{gathered}$ | $\begin{gathered} 72.5 \% \\ {[69.2,75.7]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 671 | 69,326 | $\begin{gathered} 71.4 \% \\ {[64.9,77.9]} \end{gathered}$ | $\begin{gathered} 73.8 \% \\ {[71.1,76.6]} \end{gathered}$ |

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."
${ }^{\dagger}$ Sample population.
$\ddagger$ Weighted total population.
${ }^{a}$ Non-Hispanic.


[^0]:    Note: Current smoking is defined as having smoked on 1 or more of the past 30 days
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^1]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{\text {a }}$ Non-Hispanic.

[^2]:    Note: Current cigar use is defined as having smoked a cigar on 1 or more of the past 30 days.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^3]:    Note: Current pipe use is defined as having smoked a pipe on 1 or more of the past 30 days.
    ${ }^{\dagger}$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^4]:    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.
    ${ }^{\dagger}$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^5]:    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.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^6]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^7]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^8]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^9]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^10]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^11]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^12]:    ${ }^{\dagger}$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^13]:    ${ }^{\dagger}$ Sample population.
    \# Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^14]:    ${ }^{\dagger}$ Sample population.
    \# Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^15]:    Note: A household smoking ban is defined as when smoking is not allowed anywhere inside the home.
    ${ }^{\dagger}$ Sample population.
    † Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^16]:    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.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^17]:    ${ }^{\dagger}$ Sample population.
    \# Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^18]:    ${ }^{\dagger}$ Sample population.
    \# Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^19]:    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^20]:    ${ }^{\dagger}$ Sample population.
    † Weighted total population.
    ${ }^{\mathrm{a}}$ Non-Hispanic.

[^21]:    ${ }^{\dagger}$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{\mathrm{a}}$ Non-Hispanic.

[^22]:    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."
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^23]:    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."
    $\dagger$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{\text {a }}$ Non-Hispanic.

[^24]:    Note: A student who thinks smoke from other people's cigarettes is harmful is defined by those that responded
    "Definitely yes" or "Probably yes."
    $\dagger$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^25]:    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.
    $\dagger$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^26]:    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."
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^27]:    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."
    $\dagger$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^28]:    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."
    ${ }^{\dagger}$ Sample population.
    $\ddagger$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

