# New York State Youth Tobacco Survey: 2008 

## Buffalo 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 Buffalo Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 ${ }^{\ddagger}$ [95\% CI] |
| Total | 2,093 | 63,441 | $\begin{gathered} 5.0 \% \\ {[2.2,7.7]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.9,4.0]} \end{gathered}$ | 2,594 | 81,433 | $\begin{gathered} 15.7 \% \\ {[13.9,17.5]} \end{gathered}$ | $\begin{gathered} 14.7 \% \\ {[12.9,16.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,553 | 46,812 | $\begin{gathered} 2.8 \% \\ {[1.3,4.2]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.3,3.4]} \end{gathered}$ | 2,064 | 66,688 | $\begin{gathered} 15.8 \% \\ {[13.2,18.4]} \end{gathered}$ | $\begin{gathered} 17.7 \% \\ {[16.2,19.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 168 | 8,094 | $\begin{gathered} 13.6 \% \\ {[4.4,22.7]} \end{gathered}$ | $\begin{gathered} 3.9 \% \\ {[2.6,5.2]} \end{gathered}$ | 258 | 8,371 | $\begin{gathered} 9.2 \% \\ {[5.1,13.4]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[4.8,8.9]} \end{gathered}$ |
| Hispanic | 146 | 2,349 | $\begin{gathered} 12.5 \% \\ {[5.5,19.4]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[3.3,5.8]} \end{gathered}$ | 127 | 2,252 | $\begin{gathered} 28.2 \% \\ {[22.1,34.4]} \end{gathered}$ | $\begin{gathered} 13.2 \% \\ {[9.7,16.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 101 | 1,533 | $\begin{gathered} 7.0 \% \\ {[-1.0,15.0]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.1,6.4]} \end{gathered}$ | 88 | 1,949 | $\begin{gathered} 14.8 \% \\ {[5.7,23.9]} \end{gathered}$ | $\begin{gathered} 14.6 \% \\ {[12.4,16.8]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,077 | 30,905 | $\begin{gathered} 5.4 \% \\ {[2.4,8.4]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.9,4.1]} \end{gathered}$ | 1,149 | 36,723 | $\begin{gathered} 14.4 \% \\ {[12.2,16.6]} \end{gathered}$ | $\begin{gathered} 14.4 \% \\ {[12.3,16.4]} \end{gathered}$ |
| Male | 1,014 | 32,259 | $\begin{gathered} 3.7 \% \\ {[1.7,5.8]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[2.6,4.0]} \end{gathered}$ | 1,445 | 44,710 | $\begin{gathered} 16.7 \% \\ {[14.3,19.2]} \end{gathered}$ | $\begin{gathered} 14.9 \% \\ {[12.9,17.0]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,023 | 61,236 | $\begin{gathered} 3.7 \% \\ {[2.0,5.5]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[2.6,3.5]} \end{gathered}$ | 248 | 9,048 | $\begin{gathered} 6.7 \% \\ {[3.8,9.6]} \end{gathered}$ | $\begin{gathered} 8.9 \% \\ {[6.9,10.8]} \end{gathered}$ |
| 15-17 | 69 | 2,192 | $\begin{gathered} 39.5 \% \\ {[24.2,54.8]} \end{gathered}$ | $\begin{gathered} 25.7 \% \\ {[18.9,32.4]} \end{gathered}$ | 2,037 | 62,470 | $\begin{gathered} 16.4 \% \\ {[15.2,17.6]} \end{gathered}$ | $\begin{gathered} 14.3 \% \\ {[12.5,16.2]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 306 | 9,815 | $\begin{gathered} 18.4 \% \\ {[10.2,26.7]} \end{gathered}$ | $\begin{gathered} 23.6 \% \\ {[20.6,26.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 693 | 20,870 | $\begin{gathered} 1.7 \% \\ {[0.8,2.6]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.1,2.3]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 674 | 20,892 | $\begin{gathered} 3.8 \% \\ {[0.8,6.8]} \end{gathered}$ | $\begin{gathered} 2.5 \% \\ {[1.9,3.2]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 726 | 21,678 | $\begin{gathered} 9.2 \% \\ {[4.5,14.0]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[5.1,7.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 436 | 15,523 | $\begin{gathered} 11.2 \% \\ {[7.0,15.5]} \end{gathered}$ | $\begin{gathered} 10.8 \% \\ {[8.9,12.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 776 | 22,773 | $\begin{gathered} 15.0 \% \\ {[12.3,17.8]} \end{gathered}$ | $\begin{gathered} 12.6 \% \\ {[10.7,14.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 796 | 23,299 | $\begin{gathered} 15.4 \% \\ {[12.5,18.3]} \end{gathered}$ | $\begin{gathered} 14.9 \% \\ {[12.5,17.4]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 586 | 19,838 | $\begin{gathered} 20.2 \% \\ {[15.6,24.8]} \end{gathered}$ | $\begin{gathered} 21.3 \% \\ {[18.7,23.8]} \end{gathered}$ |

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## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ $[95 \% \mathrm{Cl}]$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 210 | 6,555 | $\begin{gathered} 10.7 \\ {[10.2,11.2]} \end{gathered}$ | $\begin{gathered} 10.9 \\ {[10.7,11.0]} \end{gathered}$ | 882 | 26,258 | $\begin{gathered} 13.3 \\ {[13.0,13.6]} \end{gathered}$ | $\begin{gathered} 13.2 \\ {[13.0,13.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 123 | 3,795 | $\begin{gathered} 11.0 \\ {[10.5,11.4]} \end{gathered}$ | $\begin{gathered} 11.1 \\ {[10.9,11.2]} \end{gathered}$ | 699 | 21,944 | $\begin{gathered} 13.5 \\ {[13.1,13.9]} \end{gathered}$ | $\begin{gathered} 13.4 \\ {[13.3,13.6]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 10.7 \\ {[10.3,11.1]} \end{gathered}$ | 68 | 1,703 | $\begin{gathered} 12.3 \\ {[11.0,13.5]} \end{gathered}$ | $\begin{gathered} 12.4 \\ {[12.2,12.7]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 10.8 \\ {[10.5,11.2]} \end{gathered}$ | 56 | 953 | $\begin{gathered} 11.9 \\ {[10.8,12.9]} \end{gathered}$ | $\begin{gathered} 12.8 \\ {[12.5,13.1]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 10.5 \\ {[9.9,11.0]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 13.2 \\ {[12.6,13.8]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 104 | 2,736 | $\begin{gathered} 10.9 \\ {[9.8,12.0]} \end{gathered}$ | $\begin{gathered} 11.1 \\ {[10.8,11.3]} \end{gathered}$ | 396 | 11,544 | $\begin{gathered} 13.2 \\ {[12.8,13.7]} \end{gathered}$ | $\begin{gathered} 13.3 \\ {[13.1,13.5]} \end{gathered}$ |
| Male | 105 | 3,680 | $\begin{gathered} 10.5 \\ {[10.2,10.9]} \end{gathered}$ | $\begin{gathered} 10.7 \\ {[10.5,10.9]} \end{gathered}$ | 486 | 14,714 | $\begin{gathered} 13.4 \\ {[12.9,13.9]} \end{gathered}$ | $\begin{gathered} 13.1 \\ {[12.8,13.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 174 | 5,462 | $\begin{gathered} 10.6 \\ {[10.2,10.9]} \end{gathered}$ | $\begin{gathered} 10.8 \\ {[10.6,10.9]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 11.5 \\ {[11.2,11.8]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 11.7 \\ {[11.2,12.3]} \end{gathered}$ | 696 | 20,596 | $\begin{gathered} 13.2 \\ {[12.8,13.6]} \end{gathered}$ | $\begin{gathered} 13.2 \\ {[13.1,13.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 142 | 4,247 | $\begin{gathered} 14.3 \\ {[13.8,14.9]} \end{gathered}$ | $\begin{gathered} 13.9 \\ {[13.5,14.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 9.4 \\ {[9.2,9.7]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 53 | 1,821 | $\begin{gathered} 10.6 \\ {[10.3,11.0]} \end{gathered}$ | $\begin{gathered} 10.7 \\ {[10.4,10.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 124 | 3,748 | $\begin{gathered} 10.9 \\ {[10.2,11.6]} \end{gathered}$ | $\begin{gathered} 11.4 \\ {[11.1,11.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 100 | 3,146 | $\begin{gathered} 12.2 \\ {[11.8,12.6]} \end{gathered}$ | $\begin{gathered} 12.0 \\ {[11.8,12.3]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 229 | 6,254 | $\begin{gathered} 12.5 \\ {[12.0,12.9]} \end{gathered}$ | $\begin{gathered} 12.9 \\ {[12.6,13.1]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 289 | 8,088 | $\begin{gathered} 13.5 \\ {[13.1,13.9]} \end{gathered}$ | $\begin{gathered} 13.5 \\ {[13.3,13.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 264 | 8,770 | $\begin{gathered} 14.1 \\ {[13.8,14.4]} \end{gathered}$ | $\begin{gathered} 13.8 \\ {[13.6,14.0]} \end{gathered}$ |

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 2,096 | 63,087 | $\begin{gathered} 4.7 \% \\ {[2.9,6.6]} \end{gathered}$ | $\begin{gathered} 4.1 \% \\ {[3.5,4.7]} \end{gathered}$ | 2,632 | 82,287 | $\begin{gathered} 15.3 \% \\ {[12.7,17.9]} \end{gathered}$ | $\begin{gathered} 12.8 \% \\ {[11.5,14.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,560 | 46,956 | $\begin{gathered} 2.9 \% \\ {[1.8,4.0]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.3,3.4]} \end{gathered}$ | 2,093 | 67,430 | $\begin{gathered} 15.3 \% \\ {[13.1,17.6]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[13.1,15.8]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 165 | 7,806 | $\begin{gathered} 11.0 \% \\ {[0.9,21.2]} \end{gathered}$ | $\begin{gathered} 4.9 \% \\ {[3.6,6.3]} \end{gathered}$ | 254 | 8,262 | $\begin{gathered} 7.6 \% \\ {[2.9,12.4]} \end{gathered}$ | $\begin{gathered} 7.9 \% \\ {[6.2,9.7]} \end{gathered}$ |
| Hispanic | 142 | 2,341 | $\begin{gathered} 13.1 \% \\ {[2.8,23.5]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.0,8.0]} \end{gathered}$ | 138 | 2,391 | $\begin{gathered} 24.6 \% \\ {[15.0,34.1]} \end{gathered}$ | $\begin{gathered} 11.1 \% \\ {[8.7,13.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,572 | $\begin{gathered} 6.2 \% \\ {[2.2,10.1]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[3.4,8.7]} \end{gathered}$ | 92 | 2,063 | $\begin{gathered} 21.7 \% \\ {[10.4,33.1]} \end{gathered}$ | $\begin{gathered} 13.8 \% \\ {[10.2,17.5]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,073 | 30,505 | $\begin{gathered} 3.0 \% \\ {[1.5,4.6]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.3,3.5]} \end{gathered}$ | 1,167 | 37,252 | $\begin{gathered} 6.8 \% \\ {[5.0,8.6]} \end{gathered}$ | $\begin{gathered} 7.2 \% \\ {[6.3,8.2]} \end{gathered}$ |
| Male | 1,020 | 32,291 | $\begin{gathered} 5.5 \% \\ {[3.3,7.7]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.5,6.1]} \end{gathered}$ | 1,465 | 45,035 | $\begin{gathered} 22.4 \% \\ {[18.4,26.4]} \end{gathered}$ | $\begin{gathered} 18.2 \% \\ {[16.1,20.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,024 | 60,734 | $\begin{gathered} 4.2 \% \\ {[2.6,5.8]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[3.3,4.4]} \end{gathered}$ | 252 | 9,134 | $\begin{gathered} 6.8 \% \\ {[4.1,9.6]} \end{gathered}$ | $\begin{gathered} 9.7 \% \\ {[7.8,11.7]} \end{gathered}$ |
| 15-17 | 71 | 2,340 | $\begin{gathered} 17.4 \% \\ {[3.2,31.6]} \end{gathered}$ | $\begin{gathered} 19.4 \% \\ {[12.5,26.2]} \end{gathered}$ | 2,064 | 63,121 | $\begin{gathered} 15.8 \% \\ {[13.3,18.3]} \end{gathered}$ | $\begin{gathered} 12.4 \% \\ {[11.0,13.8]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 313 | 9,933 | $\begin{gathered} 19.8 \% \\ {[12.1,27.4]} \end{gathered}$ | $\begin{gathered} 18.8 \% \\ {[16.2,21.4]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 693 | 20,786 | $\begin{gathered} 2.0 \% \\ {[0.7,3.2]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.6,3.0]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 671 | 20,629 | $\begin{gathered} 4.9 \% \\ {[1.8,7.9]} \end{gathered}$ | $\begin{gathered} 3.7 \% \\ {[2.9,4.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 732 | 21,672 | $\begin{gathered} 7.2 \% \\ {[4.2,10.3]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[5.0,7.4]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 451 | 15,998 | $\begin{gathered} 8.8 \% \\ {[5.7,11.9]} \end{gathered}$ | $\begin{gathered} 11.0 \% \\ {[9.5,12.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 778 | 22,714 | $\begin{gathered} 13.6 \% \\ {[9.7,17.4]} \end{gathered}$ | $\begin{gathered} 10.9 \% \\ {[9.4,12.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 809 | 23,789 | $\begin{gathered} 17.2 \% \\ {[13.0,21.4]} \end{gathered}$ | $\begin{gathered} 12.8 \% \\ {[10.9,14.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 594 | 19,786 | $\begin{gathered} 20.5 \% \\ {[15.8,25.2]} \end{gathered}$ | $\begin{gathered} 17.3 \% \\ {[15.3,19.3]} \end{gathered}$ |

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 Buffalo Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 2,119 | 63,785 | $\begin{gathered} 3.2 \% \\ {[1.9,4.6]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[2.3,3.1]} \end{gathered}$ | 2,633 | 82,275 | $\begin{gathered} 11.5 \% \\ {[9.6,13.5]} \end{gathered}$ | $\begin{gathered} 9.1 \% \\ {[8.1,10.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,577 | 47,500 | $\begin{gathered} 2.2 \% \\ {[1.2,3.2]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.4,2.1]} \end{gathered}$ | 2,100 | 67,620 | $\begin{gathered} 11.5 \% \\ {[9.6,13.4]} \end{gathered}$ | $\begin{gathered} 10.5 \% \\ {[9.3,11.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 170 | 7,950 | $\begin{gathered} 5.9 \% \\ {[0.6,11.2]} \end{gathered}$ | $\begin{gathered} 3.4 \% \\ {[2.2,4.5]} \end{gathered}$ | 253 | 8,243 | $\begin{gathered} 5.5 \% \\ {[3.0,7.9]} \end{gathered}$ | $\begin{gathered} 5.5 \% \\ {[4.1,7.0]} \end{gathered}$ |
| Hispanic | 145 | 2,360 | $\begin{gathered} 9.4 \% \\ {[1.7,17.2]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[3.2,5.3]} \end{gathered}$ | 130 | 2,206 | $\begin{gathered} 17.5 \% \\ {[10.6,24.3]} \end{gathered}$ | $\begin{gathered} 7.8 \% \\ {[6.1,9.5]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,600 | $\begin{gathered} 5.2 \% \\ {[1.6,8.9]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.2,6.4]} \end{gathered}$ | 94 | 2,074 | $\begin{gathered} 15.6 \% \\ {[6.5,24.7]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[5.6,11.5]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,087 | 30,934 | $\begin{gathered} 1.4 \% \\ {[1.0,1.8]} \end{gathered}$ | $\begin{gathered} 1.6 \% \\ {[1.2,2.0]} \end{gathered}$ | 1,170 | 37,271 | $\begin{gathered} 4.7 \% \\ {[3.0,6.3]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[4.2,5.4]} \end{gathered}$ |
| Male | 1,029 | 32,560 | $\begin{gathered} 4.2 \% \\ {[2.4,6.0]} \end{gathered}$ | $\begin{gathered} 3.6 \% \\ {[2.9,4.3]} \end{gathered}$ | 1,463 | 45,004 | $\begin{gathered} 17.2 \% \\ {[14.4,20.1]} \end{gathered}$ | $\begin{gathered} 13.2 \% \\ {[11.6,14.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,050 | 61,532 | $\begin{gathered} 3.1 \% \\ {[1.8,4.3]} \end{gathered}$ | $\begin{gathered} 2.5 \% \\ {[2.1,2.9]} \end{gathered}$ | 252 | 9,129 | $\begin{gathered} 4.6 \% \\ {[2.5,6.8]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[5.4,8.1]} \end{gathered}$ |
| 15-17 | 68 | 2,240 | $\begin{gathered} 8.6 \% \\ {[3.7,13.6]} \end{gathered}$ | $\begin{gathered} 13.1 \% \\ {[6.9,19.4]} \end{gathered}$ | 2,065 | 63,121 | $\begin{gathered} 11.5 \% \\ {[9.8,13.3]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[7.4,9.7]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 313 | 9,925 | $\begin{gathered} 17.1 \% \\ {[9.9,24.3]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.5,17.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 702 | 21,134 | $\begin{gathered} 1.5 \% \\ {[0.6,2.3]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[0.9,2.0]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 680 | 20,816 | $\begin{gathered} 3.9 \% \\ {[1.3,6.4]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.7,2.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 737 | 21,835 | $\begin{gathered} 4.4 \% \\ {[2.4,6.4]} \end{gathered}$ | $\begin{gathered} 4.2 \% \\ {[3.4,5.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 452 | 16,051 | $\begin{gathered} 5.7 \% \\ {[3.4,8.1]} \end{gathered}$ | $\begin{gathered} 7.7 \% \\ {[6.6,8.8]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 779 | 22,708 | $\begin{gathered} 10.0 \% \\ {[7.1,12.8]} \end{gathered}$ | $\begin{gathered} 7.4 \% \\ {[5.9,8.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 810 | 23,809 | $\begin{gathered} 12.8 \% \\ {[9.8,15.9]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[7.2,9.9]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 592 | 19,706 | $\begin{gathered} 16.5 \% \\ {[12.0,20.9]} \end{gathered}$ | $\begin{gathered} 13.4 \% \\ {[11.6,15.3]} \end{gathered}$ |

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 2,117 | 63,705 | $\begin{gathered} 2.3 \% \\ {[1.1,3.4]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.5,2.1]} \end{gathered}$ | 2,607 | 81,590 | $\begin{gathered} 7.3 \% \\ {[5.3,9.2]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[4.0,5.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,571 | 47,380 | $\begin{gathered} 1.0 \% \\ {[0.5,1.5]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.1,1.7]} \end{gathered}$ | 2,080 | 66,904 | $\begin{gathered} 7.2 \% \\ {[5.3,9.0]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.5,6.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 170 | 8,094 | $\begin{gathered} 7.6 \% \\ {[-2.2,17.5]} \end{gathered}$ | $\begin{gathered} 2.1 \% \\ {[1.2,3.1]} \end{gathered}$ | 251 | 8,162 | $\begin{gathered} 3.9 \% \\ {[1.3,6.6]} \end{gathered}$ | $\begin{gathered} 3.2 \% \\ {[2.3,4.1]} \end{gathered}$ |
| Hispanic | 149 | 2,371 | $\begin{gathered} 8.6 \% \\ {[-0.7,17.8]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[1.7,3.6]} \end{gathered}$ | 130 | 2,291 | $\begin{gathered} 13.0 \% \\ {[4.7,21.3]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.9,5.7]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,600 | $\begin{gathered} 4.3 \% \\ {[-0.4,9.1]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[1.0,4.9]} \end{gathered}$ | 89 | 2,017 | $\begin{gathered} 8.5 \% \\ {[2.2,14.7]} \end{gathered}$ | $\begin{gathered} 4.4 \% \\ {[2.5,6.3]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,087 | 31,033 | $\begin{gathered} 1.7 \% \\ {[0.5,2.8]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.4]} \end{gathered}$ | 1,162 | 37,080 | $\begin{gathered} 2.1 \% \\ {[1.2,3.1]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.2,2.3]} \end{gathered}$ |
| Male | 1,028 | 32,520 | $\begin{gathered} 2.4 \% \\ {[1.1,3.8]} \end{gathered}$ | $\begin{gathered} 2.6 \% \\ {[2.1,3.0]} \end{gathered}$ | 1,445 | 44,510 | $\begin{gathered} 11.6 \% \\ {[8.1,15.0]} \end{gathered}$ | $\begin{gathered} 7.5 \% \\ {[6.3,8.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,049 | 61,481 | $\begin{gathered} 2.2 \% \\ {[1.1,3.3]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.4,2.0]} \end{gathered}$ | 251 | 9,164 | $\begin{gathered} 4.0 \% \\ {[2.2,5.9]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[2.8,4.9]} \end{gathered}$ |
| 15-17 | 67 | 2,211 | $\begin{gathered} 4.3 \% \\ {[-1.5,10.2]} \end{gathered}$ | $\begin{gathered} 8.5 \% \\ {[3.4,13.5]} \end{gathered}$ | 2,049 | 62,688 | $\begin{gathered} 7.7 \% \\ {[5.4,9.9]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[3.8,5.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 306 | 9,722 | $\begin{gathered} 7.8 \% \\ {[4.0,11.6]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[4.7,7.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,152 | $\begin{gathered} 1.1 \% \\ {[0.4,1.8]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[0.9,2.0]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 680 | 20,780 | $\begin{gathered} 2.2 \% \\ {[0.2,4.1]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.0,1.7]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 736 | 21,772 | $\begin{gathered} 3.5 \% \\ {[1.0,6.0]} \end{gathered}$ | $\begin{gathered} 2.6 \% \\ {[2.1,3.2]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 447 | 15,930 | $\begin{gathered} 5.2 \% \\ {[2.6,7.7]} \end{gathered}$ | $\begin{gathered} 4.5 \% \\ {[3.6,5.4]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 771 | 22,488 | $\begin{gathered} 6.1 \% \\ {[3.8,8.4]} \end{gathered}$ | $\begin{gathered} 4.1 \% \\ {[3.2,4.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 803 | 23,589 | $\begin{gathered} 7.9 \% \\ {[5.0,10.8]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[3.7,5.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 586 | 19,583 | $\begin{gathered} 9.6 \% \\ {[5.9,13.4]} \end{gathered}$ | $\begin{gathered} 5.7 \% \\ {[4.7,6.7]} \end{gathered}$ |

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

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] | Buffalo 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 | 2,114 | 63,568 | $\begin{gathered} 1.9 \% \\ {[0.8,3.0]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.2,1.8]} \end{gathered}$ | 2,633 | 82,338 | $\begin{gathered} 4.0 \% \\ {[3.3,4.7]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[3.3,4.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,574 | 47,410 | $\begin{gathered} 1.0 \% \\ {[0.4,1.6]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.7,1.2]} \end{gathered}$ | 2,097 | 67,607 | $\begin{gathered} 3.5 \% \\ {[2.8,4.3]} \end{gathered}$ | $\begin{gathered} 3.4 \% \\ {[2.7,4.0]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 167 | 7,838 | $\begin{gathered} 3.0 \% \\ {[-1.4,7.5]} \end{gathered}$ | $\begin{gathered} 1.6 \% \\ {[1.0,2.3]} \end{gathered}$ | 253 | 8,216 | $\begin{gathered} 4.3 \% \\ {[1.0,7.6]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[2.4,4.2]} \end{gathered}$ |
| Hispanic | 144 | 2,348 | $\begin{gathered} 8.0 \% \\ {[-0.4,16.4]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[1.9,3.5]} \end{gathered}$ | 134 | 2,313 | $\begin{gathered} 13.7 \% \\ {[6.5,20.8]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[2.8,6.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,572 | $\begin{gathered} 3.1 \% \\ {[-0.7,6.8]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[1.1,4.8]} \end{gathered}$ | 95 | 2,101 | $\begin{gathered} 7.3 \% \\ {[2.0,12.6]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[4.3,8.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,086 | 30,892 | $\begin{gathered} 1.4 \% \\ {[0.9,1.9]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.4]} \end{gathered}$ | 1,167 | 37,197 | $\begin{gathered} 2.2 \% \\ {[1.0,3.4]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.8,2.7]} \end{gathered}$ |
| Male | 1,025 | 32,386 | $\begin{gathered} 1.5 \% \\ {[0.7,2.4]} \end{gathered}$ | $\begin{gathered} 1.9 \% \\ {[1.5,2.3]} \end{gathered}$ | 1,466 | 45,141 | $\begin{gathered} 5.5 \% \\ {[4.5,6.6]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.5,6.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,045 | 61,327 | $\begin{gathered} 1.8 \% \\ {[0.6,2.9]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.1,1.7]} \end{gathered}$ | 254 | 9,129 | $\begin{gathered} 1.5 \% \\ {[0.3,2.6]} \end{gathered}$ | $\begin{gathered} 3.6 \% \\ {[2.5,4.7]} \end{gathered}$ |
| 15-17 | 68 | 2,228 | $\begin{gathered} 5.1 \% \\ {[-1.2,11.4]} \end{gathered}$ | $\begin{gathered} 8.2 \% \\ {[3.0,13.4]} \end{gathered}$ | 2,063 | 63,150 | $\begin{gathered} 4.5 \% \\ {[3.8,5.2]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[3.1,4.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 313 | 9,960 | $\begin{gathered} 3.3 \% \\ {[1.3,5.2]} \end{gathered}$ | $\begin{gathered} 5.9 \% \\ {[4.0,7.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,034 | $\begin{gathered} 1.3 \% \\ {[0.4,2.1]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.6,1.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 677 | 20,743 | $\begin{gathered} 1.8 \% \\ {[-0.9,4.4]} \end{gathered}$ | $\begin{gathered} 1.2 \% \\ {[0.8,1.6]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 736 | 21,791 | $\begin{gathered} 2.6 \% \\ {[1.2,3.9]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.7,2.9]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 454 | 16,102 | $\begin{gathered} 3.6 \% \\ {[1.4,5.9]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.8,4.2]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 776 | 22,592 | $\begin{gathered} 4.9 \% \\ {[3.5,6.2]} \end{gathered}$ | $\begin{gathered} 3.6 \% \\ {[2.8,4.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 812 | 23,923 | $\begin{gathered} 4.0 \% \\ {[2.4,5.5]} \end{gathered}$ | $\begin{gathered} 3.7 \% \\ {[2.8,4.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 591 | 19,721 | $\begin{gathered} 3.5 \% \\ {[1.7,5.3]} \end{gathered}$ | $\begin{gathered} 4.6 \% \\ {[3.5,5.7]} \end{gathered}$ |

[^3]
## New York State Youth Tobacco Survey: 2008 Buffalo Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 2,109 | 63,492 | $\begin{gathered} 1.3 \% \\ {[0.1,2.4]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.1,1.8]} \end{gathered}$ | 2,634 | 82,297 | $\begin{gathered} 4.1 \% \\ {[2.7,5.6]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.3,7.7]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,571 | 47,313 | $\begin{gathered} 0.3 \% \\ {[0.0,0.6]} \end{gathered}$ | $\begin{gathered} 0.8 \% \\ {[0.6,1.1]} \end{gathered}$ | 2,099 | 67,529 | $\begin{gathered} 3.6 \% \\ {[2.2,4.9]} \end{gathered}$ | $\begin{gathered} 6.9 \% \\ {[5.5,8.3]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 166 | 7,853 | $\begin{gathered} 3.2 \% \\ {[-2.4,8.9]} \end{gathered}$ | $\begin{gathered} 1.6 \% \\ {[0.7,2.6]} \end{gathered}$ | 254 | 8,265 | $\begin{gathered} 5.1 \% \\ {[2.2,8.0]} \end{gathered}$ | $\begin{gathered} 3.9 \% \\ {[2.6,5.2]} \end{gathered}$ |
| Hispanic | 144 | 2,332 | $\begin{gathered} 6.3 \% \\ {[-1.5,14.1]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[1.8,3.7]} \end{gathered}$ | 132 | 2,254 | $\begin{gathered} 12.8 \% \\ {[5.0,20.6]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[3.9,8.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,599 | $\begin{gathered} 3.6 \% \\ {[-0.2,7.3]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[1.4,5.2]} \end{gathered}$ | 93 | 2,094 | $\begin{gathered} 11.6 \% \\ {[3.4,19.8]} \end{gathered}$ | $\begin{gathered} 9.6 \% \\ {[6.2,13.0]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,081 | 30,777 | $\begin{gathered} 0.8 \% \\ {[0.3,1.3]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.4]} \end{gathered}$ | 1,169 | 37,106 | $\begin{gathered} 1.6 \% \\ {[0.4,2.7]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[3.6,5.8]} \end{gathered}$ |
| Male | 1,025 | 32,424 | $\begin{gathered} 0.9 \% \\ {[0.1,1.6]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.3,2.2]} \end{gathered}$ | 1,465 | 45,190 | $\begin{gathered} 6.3 \% \\ {[4.5,8.1]} \end{gathered}$ | $\begin{gathered} 8.2 \% \\ {[6.7,9.6]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,041 | 61,268 | $\begin{gathered} 1.1 \% \\ {[0.1,2.2]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[1.1,1.7]} \end{gathered}$ | 255 | 9,223 | $\begin{gathered} 2.9 \% \\ {[0.7,5.0]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[3.4,6.1]} \end{gathered}$ |
| 15-17 | 67 | 2,211 | $\begin{gathered} 4.4 \% \\ {[-2.2,11.0]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[3.1,10.1]} \end{gathered}$ | 2,068 | 63,157 | $\begin{gathered} 4.2 \% \\ {[2.8,5.6]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[4.9,7.5]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 309 | 9,861 | $\begin{gathered} 4.9 \% \\ {[1.5,8.3]} \end{gathered}$ | $\begin{gathered} 10.2 \% \\ {[8.1,12.3]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,062 | $\begin{gathered} 0.7 \% \\ {[0.1,1.3]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.6,1.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 675 | 20,708 | $\begin{gathered} 1.7 \% \\ {[-0.9,4.4]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.5]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 733 | 21,723 | $\begin{gathered} 1.4 \% \\ {[0.0,2.7]} \end{gathered}$ | $\begin{gathered} 2.2 \% \\ {[1.6,2.8]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 454 | 16,082 | $\begin{gathered} 2.5 \% \\ {[0.7,4.3]} \end{gathered}$ | $\begin{gathered} 4.9 \% \\ {[3.8,6.0]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 781 | 22,645 | $\begin{gathered} 4.8 \% \\ {[3.5,6.0]} \end{gathered}$ | $\begin{gathered} 5.9 \% \\ {[4.5,7.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 809 | 23,862 | $\begin{gathered} 4.6 \% \\ {[1.8,7.3]} \end{gathered}$ | $\begin{gathered} 5.6 \% \\ {[4.4,6.9]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 590 | 19,707 | $\begin{gathered} 4.2 \% \\ {[1.3,7.2]} \end{gathered}$ | $\begin{gathered} 9.9 \% \\ {[7.9,11.9]} \end{gathered}$ |

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.
${ }^{\text {a }}$ Non-Hispanic.

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 2,107 | 63,517 | $\begin{gathered} 1.7 \% \\ {[0.5,3.0]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.2,1.8]} \end{gathered}$ | 2,627 | 82,160 | $\begin{gathered} 2.8 \% \\ {[2.1,3.4]} \end{gathered}$ | $\begin{gathered} 2.6 \% \\ {[2.2,3.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,571 | 47,292 | $\begin{gathered} 0.6 \% \\ {[0.1,1.1]} \end{gathered}$ | $\begin{gathered} 0.8 \% \\ {[0.6,1.0]} \end{gathered}$ | 2,096 | 67,469 | $\begin{gathered} 2.2 \% \\ {[1.6,2.7]} \end{gathered}$ | $\begin{gathered} 1.9 \% \\ {[1.5,2.3]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 166 | 7,889 | $\begin{gathered} 5.1 \% \\ {[-2.5,12.7]} \end{gathered}$ | $\begin{gathered} 2.0 \% \\ {[1.2,2.9]} \end{gathered}$ | 253 | 8,238 | $\begin{gathered} 3.8 \% \\ {[0.8,6.9]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[2.0,3.6]} \end{gathered}$ |
| Hispanic | 142 | 2,346 | $\begin{gathered} 6.5 \% \\ {[-0.7,13.8]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[2.0,3.9]} \end{gathered}$ | 132 | 2,289 | $\begin{gathered} 9.5 \% \\ {[1.6,17.4]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[2.6,4.9]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,600 | $\begin{gathered} 3.5 \% \\ {[-0.5,7.4]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[0.9,4.6]} \end{gathered}$ | 92 | 2,053 | $\begin{gathered} 4.5 \% \\ {[1.1,8.0]} \end{gathered}$ | $\begin{gathered} 5.6 \% \\ {[3.5,7.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,079 | 30,721 | $\begin{gathered} 0.7 \% \\ {[0.3,1.2]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.7,1.5]} \end{gathered}$ | 1,171 | 37,302 | $\begin{gathered} 1.9 \% \\ {[1.1,2.7]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.2,1.9]} \end{gathered}$ |
| Male | 1,025 | 32,505 | $\begin{gathered} 1.8 \% \\ {[0.7,2.9]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.4,2.2]} \end{gathered}$ | 1,456 | 44,858 | $\begin{gathered} 3.5 \% \\ {[2.4,4.5]} \end{gathered}$ | $\begin{gathered} 3.7 \% \\ {[3.1,4.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,038 | 61,238 | $\begin{gathered} 1.6 \% \\ {[0.6,2.6]} \end{gathered}$ | $\begin{gathered} 1.3 \% \\ {[1.1,1.6]} \end{gathered}$ | 253 | 9,203 | $\begin{gathered} 2.8 \% \\ {[1.0,4.5]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[1.8,3.8]} \end{gathered}$ |
| 15-17 | 68 | 2,265 | $\begin{gathered} 6.4 \% \\ {[-5.0,17.8]} \end{gathered}$ | $\begin{gathered} 10.3 \% \\ {[4.7,16.0]} \end{gathered}$ | 2,062 | 63,036 | $\begin{gathered} 2.9 \% \\ {[2.3,3.6]} \end{gathered}$ | $\begin{gathered} 2.5 \% \\ {[2.1,2.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 309 | 9,821 | $\begin{gathered} 1.5 \% \\ {[0.6,2.3]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.3,4.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 698 | 21,022 | $\begin{gathered} 1.1 \% \\ {[0.3,1.8]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.6,1.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 676 | 20,756 | $\begin{gathered} 2.2 \% \\ {[-0.5,4.9]} \end{gathered}$ | $\begin{gathered} 1.4 \% \\ {[0.9,1.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 733 | 21,739 | $\begin{gathered} 1.9 \% \\ {[0.5,3.3]} \end{gathered}$ | $\begin{gathered} 2.0 \% \\ {[1.5,2.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 453 | 16,052 | $\begin{gathered} 2.7 \% \\ {[0.3,5.2]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[2.0,3.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 779 | 22,735 | $\begin{gathered} 3.6 \% \\ {[2.1,5.1]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.2,3.6]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 807 | 23,744 | $\begin{gathered} 2.5 \% \\ {[1.0,4.1]} \end{gathered}$ | $\begin{gathered} 1.8 \% \\ {[1.2,2.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 588 | 19,629 | $\begin{gathered} 2.1 \% \\ {[0.8,3.3]} \end{gathered}$ | $\begin{gathered} 3.1 \% \\ {[2.3,4.0]} \end{gathered}$ |

[^4]
## New York State Youth Tobacco Survey: 2008 Buffalo Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 2,100 | 63,210 | $\begin{gathered} 1.4 \% \\ {[0.0,2.8]} \end{gathered}$ | $\begin{gathered} 1.2 \% \\ {[0.9,1.5]} \end{gathered}$ | 2,634 | 82,268 | $\begin{gathered} 2.9 \% \\ {[2.3,3.5]} \end{gathered}$ | $\begin{gathered} 3.1 \% \\ {[2.6,3.5]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,568 | 47,137 | $\begin{gathered} 0.5 \% \\ {[0.1,0.8]} \end{gathered}$ | $\begin{gathered} 0.6 \% \\ {[0.5,0.8]} \end{gathered}$ | 2,096 | 67,476 | $\begin{gathered} 2.2 \% \\ {[1.7,2.6]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[2.3,3.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 164 | 7,765 | $\begin{gathered} 3.4 \% \\ {[-3.7,10.5]} \end{gathered}$ | $\begin{gathered} 1.3 \% \\ {[0.5,2.1]} \end{gathered}$ | 254 | 8,253 | $\begin{gathered} 4.3 \% \\ {[1.4,7.3]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.5,3.2]} \end{gathered}$ |
| Hispanic | 140 | 2,317 | $\begin{gathered} 6.8 \% \\ {[-1.0,14.7]} \end{gathered}$ | $\begin{gathered} 2.6 \% \\ {[1.6,3.5]} \end{gathered}$ | 134 | 2,323 | $\begin{gathered} 12.1 \% \\ {[3.0,21.1]} \end{gathered}$ | $\begin{gathered} 4.3 \% \\ {[2.9,5.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 104 | 1,579 | $\begin{gathered} 1.1 \% \\ {[-0.7,3.0]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[0.6,4.1]} \end{gathered}$ | 96 | 2,112 | $\begin{gathered} 6.8 \% \\ {[0.9,12.6]} \end{gathered}$ | $\begin{gathered} 3.9 \% \\ {[1.9,5.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,078 | 30,676 | $\begin{gathered} 0.9 \% \\ {[0.3,1.5]} \end{gathered}$ | $\begin{gathered} 0.9 \% \\ {[0.6,1.2]} \end{gathered}$ | 1,171 | 37,340 | $\begin{gathered} 2.2 \% \\ {[1.3,3.1]} \end{gathered}$ | $\begin{gathered} 2.0 \% \\ {[1.5,2.5]} \end{gathered}$ |
| Male | 1,019 | 32,243 | $\begin{gathered} 1.0 \% \\ {[0.2,1.8]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.0,1.9]} \end{gathered}$ | 1,463 | 44,929 | $\begin{gathered} 3.5 \% \\ {[2.7,4.3]} \end{gathered}$ | $\begin{gathered} 4.1 \% \\ {[3.4,4.7]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,030 | 60,909 | $\begin{gathered} 1.1 \% \\ {[0.0,2.2]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.8,1.4]} \end{gathered}$ | 257 | 9,263 | $\begin{gathered} 2.3 \% \\ {[0.4,4.2]} \end{gathered}$ | $\begin{gathered} 3.2 \% \\ {[1.8,4.6]} \end{gathered}$ |
| 15-17 | 69 | 2,288 | $\begin{gathered} 9.2 \% \\ {[-4.8,23.1]} \end{gathered}$ | $\begin{gathered} 8.0 \% \\ {[2.6,13.4]} \end{gathered}$ | 2,064 | 63,013 | $\begin{gathered} 3.0 \% \\ {[2.4,3.5]} \end{gathered}$ | $\begin{gathered} 2.7 \% \\ {[2.3,3.1]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 311 | 9,933 | $\begin{gathered} 3.2 \% \\ {[1.2,5.3]} \end{gathered}$ | $\begin{gathered} 4.7 \% \\ {[3.8,5.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 694 | 20,862 | $\begin{gathered} 0.4 \% \\ {[0.0,0.8]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.4,1.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 673 | 20,637 | $\begin{gathered} 2.0 \% \\ {[-1.0,5.0]} \end{gathered}$ | $\begin{gathered} 0.9 \% \\ {[0.5,1.3]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 733 | 21,712 | $\begin{gathered} 1.7 \% \\ {[0.4,3.1]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.2,2.2]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 454 | 16,082 | $\begin{gathered} 2.8 \% \\ {[0.4,5.1]} \end{gathered}$ | $\begin{gathered} 2.9 \% \\ {[2.2,3.5]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 781 | 22,777 | $\begin{gathered} 4.2 \% \\ {[3.1,5.3]} \end{gathered}$ | $\begin{gathered} 2.8 \% \\ {[2.1,3.6]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 808 | 23,675 | $\begin{gathered} 1.9 \% \\ {[0.7,3.0]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.6,3.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 591 | 19,734 | $\begin{gathered} 2.8 \% \\ {[1.5,4.0]} \end{gathered}$ | $\begin{gathered} 4.5 \% \\ {[3.6,5.3]} \end{gathered}$ |

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

## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 145 | 4,199 | $\begin{gathered} 62.2 \% \\ {[49.7,74.8]} \end{gathered}$ | $\begin{gathered} 66.4 \% \\ {[62.4,70.4]} \end{gathered}$ | 526 | 14,867 | $\begin{gathered} 63.1 \% \\ {[57.2,69.0]} \end{gathered}$ | $\begin{gathered} 60.1 \% \\ {[57.0,63.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 80 | 2,199 | $\begin{gathered} 65.6 \% \\ {[55.9,75.3]} \end{gathered}$ | $\begin{gathered} 70.6 \% \\ {[65.8,75.5]} \end{gathered}$ | 402 | 12,069 | $\begin{gathered} 65.1 \% \\ {[58.6,71.5]} \end{gathered}$ | $\begin{gathered} 61.1 \% \\ {[58.0,64.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 62.1 \% \\ {[47.2,77.0]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 63.6 \% \\ {[52.2,75.1]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 64.7 \% \\ {[57.8,71.6]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 58.1 \% \\ {[52.7,63.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 66.5 \% \\ {[52.9,80.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 51.1 \% \\ {[40.7,61.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 80 | 2,090 | $\begin{gathered} 63.3 \% \\ {[47.6,78.9]} \end{gathered}$ | $\begin{gathered} 72.1 \% \\ {[66.5,77.6]} \end{gathered}$ | 219 | 6,033 | $\begin{gathered} 72.4 \% \\ {[64.2,80.7]} \end{gathered}$ | $\begin{gathered} 68.1 \% \\ {[64.9,71.3]} \end{gathered}$ |
| Male | 64 | 1,970 | $\begin{gathered} 58.5 \% \\ {[39.3,77.8]} \end{gathered}$ | $\begin{gathered} 61.3 \% \\ {[55.6,67.0]} \end{gathered}$ | 307 | 8,835 | $\begin{gathered} 56.7 \% \\ {[48.7,64.7]} \end{gathered}$ | $\begin{gathered} 53.3 \% \\ {[49.4,57.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 117 | 3,477 | $\begin{gathered} 65.1 \% \\ {[54.6,75.6]} \end{gathered}$ | $\begin{gathered} 65.6 \% \\ {[61.8,69.4]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 65.2 \% \\ {[55.0,75.4]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 73.9 \% \\ {[58.5,89.3]} \end{gathered}$ | 418 | 11,893 | $\begin{gathered} 67.7 \% \\ {[61.8,73.7]} \end{gathered}$ | $\begin{gathered} 67.1 \% \\ {[63.9,70.4]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 78 | 2,084 | $\begin{gathered} 34.4 \% \\ {[14.1,54.7]} \end{gathered}$ | $\begin{gathered} 29.0 \% \\ {[24.3,33.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 54.7 \% \\ {[43.6,65.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 61.0 \% \\ {[53.0,69.1]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 86 | 2,501 | $\begin{gathered} 62.9 \% \\ {[46.2,79.6]} \end{gathered}$ | $\begin{gathered} 72.8 \% \\ {[68.4,77.3]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 69 | 2,031 | $\begin{gathered} 77.2 \% \\ {[65.7,88.6]} \end{gathered}$ | $\begin{gathered} 69.3 \% \\ {[62.8,75.8]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 142 | 3,916 | $\begin{gathered} 66.1 \% \\ {[55.8,76.4]} \end{gathered}$ | $\begin{gathered} 69.3 \% \\ {[63.8,74.8]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 168 | 4,299 | $\begin{gathered} 62.6 \% \\ {[53.4,71.8]} \end{gathered}$ | $\begin{gathered} 64.5 \% \\ {[59.7,69.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 147 | 4,622 | $\begin{gathered} 54.8 \% \\ {[45.4,64.2]} \end{gathered}$ | $\begin{gathered} 42.3 \% \\ {[38.0,46.7]} \end{gathered}$ |

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.

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 145 | 4,199 | $\begin{gathered} 9.8 \% \\ {[-2.8,22.3]} \end{gathered}$ | $\begin{gathered} 10.4 \% \\ {[7.2,13.7]} \end{gathered}$ | 526 | 14,867 | $\begin{gathered} 26.0 \% \\ {[20.4,31.6]} \end{gathered}$ | $\begin{gathered} 27.6 \% \\ {[25.2,30.0]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 80 | 2,199 | $\begin{gathered} 3.7 \% \\ {[-0.9,8.4]} \end{gathered}$ | $\begin{gathered} 7.1 \% \\ {[3.1,11.2]} \end{gathered}$ | 402 | 12,069 | $\begin{gathered} 25.6 \% \\ {[19.1,32.1]} \end{gathered}$ | $\begin{gathered} 29.0 \% \\ {[25.9,32.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 14.8 \% \\ {[4.8,24.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 19.2 \% \\ {[12.6,25.7]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 11.2 \% \\ {[5.9,16.5]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 25.1 \% \\ {[20.8,29.5]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 12.1 \% \\ {[4.6,19.6]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 33.2 \% \\ {[22.5,43.8]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 80 | 2,090 | $\begin{gathered} 11.7 \% \\ {[-0.8,24.2]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[3.6,9.5]} \end{gathered}$ | 219 | 6,033 | $\begin{gathered} 17.9 \% \\ {[13.0,22.8]} \end{gathered}$ | $\begin{gathered} 21.8 \% \\ {[18.9,24.8]} \end{gathered}$ |
| Male | 64 | 1,970 | $\begin{gathered} 8.4 \% \\ {[-5.2,21.9]} \end{gathered}$ | $\begin{gathered} 13.9 \% \\ {[8.5,19.2]} \end{gathered}$ | 307 | 8,835 | $\begin{gathered} 31.5 \% \\ {[24.0,39.1]} \end{gathered}$ | $\begin{gathered} 32.4 \% \\ {[29.3,35.5]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 117 | 3,477 | $\begin{gathered} 5.7 \% \\ {[-2.5,13.9]} \end{gathered}$ | $\begin{gathered} 10.2 \% \\ {[7.2,13.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 20.0 \% \\ {[7.5,32.6]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 13.4 \% \\ {[3.7,23.2]} \end{gathered}$ | 418 | 11,893 | $\begin{gathered} 21.0 \% \\ {[15.3,26.6]} \end{gathered}$ | $\begin{gathered} 20.4 \% \\ {[17.8,23.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 78 | 2,084 | $\begin{gathered} 58.8 \% \\ {[41.9,75.7]} \end{gathered}$ | $\begin{gathered} 61.5 \% \\ {[54.3,68.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 12.2 \% \\ {[3.9,20.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 10.6 \% \\ {[3.8,17.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 86 | 2,501 | $\begin{gathered} 11.2 \% \\ {[-3.5,26.0]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[6.1,13.5]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 69 | 2,031 | $\begin{gathered} 9.4 \% \\ {[2.9,15.9]} \end{gathered}$ | $\begin{gathered} 16.0 \% \\ {[10.2,21.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 142 | 3,916 | $\begin{gathered} 16.9 \% \\ {[10.0,23.7]} \end{gathered}$ | $\begin{gathered} 16.5 \% \\ {[12.8,20.1]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 168 | 4,299 | $\begin{gathered} 29.0 \% \\ {[19.2,38.7]} \end{gathered}$ | $\begin{gathered} 23.1 \% \\ {[18.9,27.4]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 147 | 4,622 | $\begin{gathered} 38.3 \% \\ {[30.1,46.5]} \end{gathered}$ | $\begin{gathered} 48.5 \% \\ {[43.8,53.2]} \end{gathered}$ |

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 observations is less than 50.
${ }^{\dagger}$ Sample population.
${ }^{\ddagger}$ Weighted total population.
${ }^{a}$ Non-Hispanic.

## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 108 | 3,191 | $\begin{gathered} 22.6 \% \\ {[14.2,31.0]} \end{gathered}$ | $\begin{gathered} 16.9 \% \\ {[12.5,21.3]} \end{gathered}$ | 391 | 10,851 | $\begin{gathered} 49.6 \% \\ {[41.9,57.4]} \end{gathered}$ | $\begin{gathered} 35.1 \% \\ {[30.0,40.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 25.6 \% \\ {[18.4,32.8]} \end{gathered}$ | 277 | 8,296 | $\begin{gathered} 56.5 \% \\ {[49.0,64.0]} \end{gathered}$ | $\begin{gathered} 45.3 \% \\ {[40.3,50.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 21.6 \% \\ {[10.3,32.9]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 24.8 \% \\ {[15.7,33.9]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 8.7 \% \\ {[4.0,13.3]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 16.0 \% \\ {[9.1,23.0]} \end{gathered}$ |
| 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 | 60 | 1,632 | $\begin{gathered} 28.6 \% \\ {[10.0,47.2]} \end{gathered}$ | $\begin{gathered} 17.7 \% \\ {[11.3,24.1]} \end{gathered}$ | 166 | 4,434 | $\begin{gathered} 48.9 \% \\ {[35.8,62.1]} \end{gathered}$ | $\begin{gathered} 38.9 \% \\ {[31.8,46.0]} \end{gathered}$ |
| Male | ** | ** | ** | $\begin{gathered} 16.5 \% \\ {[11.1,21.9]} \end{gathered}$ | 225 | 6,417 | $\begin{gathered} 50.1 \% \\ {[43.3,56.9]} \end{gathered}$ | $\begin{gathered} 32.4 \% \\ {[27.0,37.7]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 84 | 2,479 | $\begin{gathered} 19.3 \% \\ {[9.5,29.1]} \end{gathered}$ | $\begin{gathered} 16.5 \% \\ {[12.0,21.1]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 20.9 \% \\ {[12.0,29.8]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 22.2 \% \\ {[13.6,30.8]} \end{gathered}$ | 306 | 8,615 | $\begin{gathered} 49.4 \% \\ {[40.6,58.3]} \end{gathered}$ | $\begin{gathered} 35.3 \% \\ {[29.9,40.7]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 65 | 1,601 | $\begin{gathered} 63.4 \% \\ {[46.4,80.3]} \end{gathered}$ | $\begin{gathered} 40.3 \% \\ {[31.5,49.1]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 15.2 \% \\ {[5.1,25.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 15.2 \% \\ {[7.1,23.2]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 60 | 1,884 | $\begin{gathered} 33.2 \% \\ {[17.0,49.5]} \end{gathered}$ | $\begin{gathered} 18.4 \% \\ {[13.7,23.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 53 | 1,511 | $\begin{gathered} 17.7 \% \\ {[5.4,30.1]} \end{gathered}$ | $\begin{gathered} 22.7 \% \\ {[15.6,29.8]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 115 | 3,172 | $\begin{gathered} 44.8 \% \\ {[34.1,55.6]} \end{gathered}$ | $\begin{gathered} 27.8 \% \\ {[22.4,33.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 116 | 2,922 | $\begin{gathered} 53.2 \% \\ {[38.6,67.7]} \end{gathered}$ | $\begin{gathered} 40.1 \% \\ {[33.1,47.1]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 107 | 3,246 | $\begin{gathered} 66.0 \% \\ {[56.3,75.7]} \end{gathered}$ | $\begin{gathered} 43.5 \% \\ {[36.3,50.6]} \end{gathered}$ |

[^6]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {\left[\begin{array}{lll} 95 \% & \mathrm{Cl} \end{array}\right]} \end{aligned}$ |
| Total | 108 | 3,191 | $\begin{gathered} 10.3 \% \\ {[-1.0,21.5]} \end{gathered}$ | $\begin{gathered} 12.5 \% \\ {[8.4,16.5]} \end{gathered}$ | 391 | 10,851 | $\begin{gathered} 11.0 \% \\ {[6.3,15.6]} \end{gathered}$ | $\begin{gathered} 21.0 \% \\ {[17.9,24.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 8.3 \% \\ {[3.4,13.3]} \end{gathered}$ | 277 | 8,296 | $\begin{gathered} 9.6 \% \\ {[4.8,14.3]} \end{gathered}$ | $\begin{gathered} 22.7 \% \\ {[18.8,26.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 16.8 \% \\ {[7.8,25.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 12.9 \% \\ {[6.7,19.1]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 14.9 \% \\ {[7.0,22.8]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 18.2 \% \\ {[13.0,23.4]} \end{gathered}$ |
| 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 | 60 | 1,632 | $\begin{gathered} 10.7 \% \\ {[-5.1,26.6]} \end{gathered}$ | $\begin{gathered} 10.1 \% \\ {[5.8,14.3]} \end{gathered}$ | 166 | 4,434 | $\begin{gathered} 9.7 \% \\ {[5.6,13.8]} \end{gathered}$ | $\begin{gathered} 21.8 \% \\ {[17.1,26.5]} \end{gathered}$ |
| Male | ** | ** | ** | $\begin{gathered} 14.5 \% \\ {[8.8,20.2]} \end{gathered}$ | 225 | 6,417 | $\begin{gathered} 11.8 \% \\ {[6.0,17.7]} \end{gathered}$ | $\begin{gathered} 20.5 \% \\ {[16.6,24.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 84 | 2,479 | $\begin{gathered} 7.5 \% \\ {[-0.6,15.6]} \end{gathered}$ | $\begin{gathered} 12.8 \% \\ {[8.4,17.1]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 27.5 \% \\ {[18.9,36.1]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 11.9 \% \\ {[3.1,20.6]} \end{gathered}$ | 306 | 8,615 | $\begin{gathered} 11.0 \% \\ {[5.8,16.3]} \end{gathered}$ | $\begin{gathered} 18.7 \% \\ {[15.0,22.4]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 65 | 1,601 | $\begin{gathered} 10.1 \% \\ {[0.1,20.0]} \end{gathered}$ | $\begin{gathered} 26.4 \% \\ {[21.0,31.8]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 11.8 \% \\ {[0.7,22.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 9.1 \% \\ {[3.3,15.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 60 | 1,884 | $\begin{gathered} 14.1 \% \\ {[-1.6,29.7]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[8.9,20.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 53 | 1,511 | $\begin{gathered} 11.0 \% \\ {[2.4,19.5]} \end{gathered}$ | $\begin{gathered} 20.0 \% \\ {[15.3,24.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 115 | 3,172 | $\begin{gathered} 10.9 \% \\ {[3.4,18.5]} \end{gathered}$ | $\begin{gathered} 19.2 \% \\ {[13.6,24.8]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 116 | 2,922 | $\begin{gathered} 9.7 \% \\ {[4.1,15.4]} \end{gathered}$ | $\begin{gathered} 18.6 \% \\ {[12.8,24.4]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 107 | 3,246 | $\begin{gathered} 12.1 \% \\ {[5.9,18.3]} \end{gathered}$ | $\begin{gathered} 24.9 \% \\ {[19.7,30.1]} \end{gathered}$ |

[^7]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 ${ }^{\ddagger}$ $[95 \% ~ C I]$ <br> [95\% CI] |
| Total | 108 | 3,191 | $\begin{gathered} 3.3 \% \\ {[-1.0,7.6]} \end{gathered}$ | $\begin{gathered} 12.7 \% \\ {[8.3,17.1]} \end{gathered}$ | 391 | 10,851 | $\begin{gathered} 4.5 \% \\ {[1.6,7.4]} \end{gathered}$ | $\begin{gathered} 9.5 \% \\ {[6.0,12.9]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 4.9 \% \\ {[0.8,9.0]} \end{gathered}$ | 277 | 8,296 | $\begin{gathered} 3.0 \% \\ {[0.5,5.6]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[3.4,6.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 6.9 \% \\ {[1.0,12.8]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 8.7 \% \\ {[3.1,14.4]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 23.7 \% \\ {[15.0,32.5]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 23.0 \% \\ {[10.1,35.9]} \end{gathered}$ |
| 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 | 60 | 1,632 | $\begin{gathered} 4.8 \% \\ {[-3.1,12.8]} \end{gathered}$ | $\begin{gathered} 10.6 \% \\ {[4.5,16.6]} \end{gathered}$ | 166 | 4,434 | $\begin{gathered} 1.8 \% \\ {[0.0,3.9]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[1.9,11.7]} \end{gathered}$ |
| Male | ** | ** | ** | $\begin{gathered} 14.5 \% \\ {[8.2,20.7]} \end{gathered}$ | 225 | 6,417 | $\begin{gathered} 6.3 \% \\ {[2.5,10.2]} \end{gathered}$ | $\begin{gathered} 11.4 \% \\ {[7.7,15.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 84 | 2,479 | $\begin{gathered} 3.3 \% \\ {[-1.8,8.5]} \end{gathered}$ | $\begin{gathered} 12.5 \% \\ {[7.9,17.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 5.4 \% \\ {[-0.4,11.3]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 15.5 \% \\ {[0.7,30.3]} \end{gathered}$ | 306 | 8,615 | $\begin{gathered} 3.7 \% \\ {[1.0,6.3]} \end{gathered}$ | $\begin{gathered} 9.4 \% \\ {[5.8,12.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 65 | 1,601 | $\begin{gathered} 10.8 \% \\ {[1.1,20.5]} \end{gathered}$ | $\begin{gathered} 11.6 \% \\ {[5.9,17.3]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 17.0 \% \\ {[6.3,27.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 7.0 \% \\ {[0.5,13.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 60 | 1,884 | $\begin{gathered} 1.2 \% \\ {[-1.1,3.5]} \end{gathered}$ | $\begin{gathered} 14.2 \% \\ {[7.5,20.9]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 53 | 1,511 | $\begin{gathered} 7.0 \% \\ {[0.0,14.4]} \end{gathered}$ | $\begin{gathered} 8.3 \% \\ {[3.5,13.1]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 115 | 3,172 | $\begin{gathered} 3.9 \% \\ {[0.4,7.4]} \end{gathered}$ | $\begin{gathered} 8.8 \% \\ {[4.4,13.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 116 | 2,922 | $\begin{gathered} 5.2 \% \\ {[0.8,9.6]} \end{gathered}$ | $\begin{gathered} 8.8 \% \\ {[4.9,12.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 107 | 3,246 | $\begin{gathered} 3.3 \% \\ {[0.4,6.1]} \end{gathered}$ | $\begin{gathered} 11.1 \% \\ {[5.7,16.5]} \end{gathered}$ |

[^8]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] | Buffalo 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 | 108 | 3,191 | $\begin{gathered} 6.8 \% \\ {[3.3,10.4]} \end{gathered}$ | $\begin{gathered} 7.3 \% \\ {[4.3,10.3]} \end{gathered}$ | 391 | 10,851 | $\begin{gathered} 3.7 \% \\ {[0.7,6.8]} \end{gathered}$ | $\begin{gathered} 4.2 \% \\ {[3.1,5.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 3.6 \% \\ {[1.3,5.9]} \end{gathered}$ | 277 | 8,296 | $\begin{gathered} 3.0 \% \\ {[0.0,6.0]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[2.5,5.0]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 7.6 \% \\ {[-1.0,16.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 4.4 \% \\ {[0.0,8.8]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 9.9 \% \\ {[2.7,17.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 5.8 \% \\ {[3.3,8.4]} \end{gathered}$ |
| 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 | 60 | 1,632 | $\begin{gathered} 1.2 \% \\ {[0.0,3.9]} \end{gathered}$ | $\begin{gathered} 4.2 \% \\ {[0.7,7.7]} \end{gathered}$ | 166 | 4,434 | $\begin{gathered} 3.2 \% \\ {[0.1,6.2]} \end{gathered}$ | $\begin{gathered} 3.0 \% \\ {[1.8,4.2]} \end{gathered}$ |
| Male | ** | ** | ** | $\begin{gathered} 9.8 \% \\ {[5.0,14.5]} \end{gathered}$ | 225 | 6,417 | $\begin{gathered} 4.1 \% \\ {[0.6,7.7]} \end{gathered}$ | $\begin{gathered} 5.1 \% \\ {[3.4,6.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 84 | 2,479 | $\begin{gathered} 5.0 \% \\ {[0.7,9.3]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[3.2,9.1]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 7.4 \% \\ {[0.9,13.9]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 8.0 \% \\ {[2.3,13.8]} \end{gathered}$ | 306 | 8,615 | $\begin{gathered} 4.1 \% \\ {[0.6,7.6]} \end{gathered}$ | $\begin{gathered} 3.1 \% \\ {[2.1,4.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 65 | 1,601 | $\begin{gathered} 1.3 \% \\ {[0.0,4.0]} \end{gathered}$ | $\begin{gathered} 6.8 \% \\ {[3.6,10.0]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | ** | ** | ** | $\begin{gathered} 2.5 \% \\ {[0.2,4.8]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | ** | ** | ** | $\begin{gathered} 11.6 \% \\ {[4.0,19.2]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 60 | 1,884 | $\begin{gathered} 7.4 \% \\ {[0.8,14.1]} \end{gathered}$ | $\begin{gathered} 6.7 \% \\ {[2.2,11.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 53 | 1,511 | $\begin{gathered} 4.7 \% \\ {[0.0,10.2]} \end{gathered}$ | $\begin{gathered} 4.4 \% \\ {[1.6,7.2]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 115 | 3,172 | $\begin{gathered} 6.6 \% \\ {[0.0,14.8]} \end{gathered}$ | $\begin{gathered} 3.7 \% \\ {[1.7,5.7]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 116 | 2,922 | $\begin{gathered} 1.8 \% \\ {[0.0,4.3]} \end{gathered}$ | $\begin{gathered} 3.3 \% \\ {[1.6,5.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 107 | 3,246 | $\begin{gathered} 2.2 \% \\ {[0.0,5.9]} \end{gathered}$ | $\begin{gathered} 5.1 \% \\ {[3.1,7.2]} \end{gathered}$ |

[^9]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \quad \mathrm{CI}]} \end{aligned}$ |
| Total | 57 | 1,784 | $\begin{gathered} 45.6 \% \\ {[24.5,66.7]} \end{gathered}$ | $\begin{gathered} 32.3 \% \\ {[26.1,38.6]} \end{gathered}$ | 183 | 5,342 | $\begin{gathered} 33.3 \% \\ {[22.4,44.2]} \end{gathered}$ | $\begin{gathered} 43.0 \% \\ {[39.3,46.7]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 25.0 \% \\ {[15.7,34.3]} \end{gathered}$ | 118 | 3,826 | $\begin{gathered} 36.5 \% \\ {[22.8,50.3]} \end{gathered}$ | $\begin{gathered} 46.8 \% \\ {[43.0,50.6]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 30.0 \% \\ {[15.4,44.5]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 39.8 \% \\ {[24.9,54.7]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 43.8 \% \\ {[31.3,56.4]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 33.1 \% \\ {[23.9,42.3]} \end{gathered}$ |
| 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 | ** | ** | ** | $\begin{gathered} 25.9 \% \\ {[17.5,34.3]} \end{gathered}$ | 59 | 1,704 | $\begin{gathered} 26.5 \% \\ {[11.7,41.2]} \end{gathered}$ | $\begin{gathered} 38.3 \% \\ {[31.0,45.6]} \end{gathered}$ |
| Male | ** | ** | ** | $\begin{gathered} 34.6 \% \\ {[27.5,41.7]} \end{gathered}$ | 124 | 3,638 | $\begin{gathered} 36.5 \% \\ {[23.8,49.2]} \end{gathered}$ | $\begin{gathered} 45.8 \% \\ {[41.9,49.6]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | ** | ** | ** | $\begin{gathered} 29.3 \% \\ {[22.9,35.6]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 29.7 \% \\ {[20.8,38.6]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 46.7 \% \\ {[30.0,63.3]} \end{gathered}$ | 171 | 4,961 | $\begin{gathered} 34.3 \% \\ {[22.4,46.1]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[41.0,48.5]} \end{gathered}$ |
| 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 | ** | ** | ** | $\begin{gathered} 31.1 \% \\ {[23.8,38.4]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 33.6 \% \\ {[22.3,44.9]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 62 | 1,776 | $\begin{gathered} 26.7 \% \\ {[8.4,44.9]} \end{gathered}$ | $\begin{gathered} 36.3 \% \\ {[29.4,43.1]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 59 | 1,690 | $\begin{gathered} 36.6 \% \\ {[15.7,57.5]} \end{gathered}$ | $\begin{gathered} 51.7 \% \\ {[44.1,59.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 49.1 \% \\ {[41.1,57.1]} \end{gathered}$ |

[^10]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 ${ }^{\ddagger}$ [95\% CI] | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 60 | 1,893 | $\begin{gathered} 23.8 \% \\ {[2.9,44.7]} \end{gathered}$ | $\begin{gathered} 34.6 \% \\ {[27.6,41.7]} \end{gathered}$ | 183 | 5,308 | $\begin{gathered} 27.9 \% \\ {[18.3,37.4]} \end{gathered}$ | $\begin{gathered} 38.7 \% \\ {[35.0,42.5]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 29.8 \% \\ {[19.3,40.3]} \end{gathered}$ | 119 | 3,845 | $\begin{gathered} 26.8 \% \\ {[21.7,31.8]} \end{gathered}$ | $\begin{gathered} 39.5 \% \\ {[34.6,44.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 32.7 \% \\ {[17.7,47.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 41.4 \% \\ {[31.7,51.0]} \end{gathered}$ |
| Hispanic | ** | ** | ** | $\begin{gathered} 45.3 \% \\ {[33.0,57.5]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 30.5 \% \\ {[24.4,36.6]} \end{gathered}$ |
| 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 | ** | ** | ** | $\begin{gathered} 37.6 \% \\ {[27.7,47.5]} \end{gathered}$ | 59 | 1,670 | $\begin{gathered} 29.6 \% \\ {[11.4,47.8]} \end{gathered}$ | $\begin{gathered} 38.8 \% \\ {[33.2,44.5]} \end{gathered}$ |
| Male | ** | ** | ** | $\begin{gathered} 33.5 \% \\ {[24.7,42.2]} \end{gathered}$ | 124 | 3,638 | $\begin{gathered} 27.1 \% \\ {[18.5,35.6]} \end{gathered}$ | $\begin{gathered} 38.7 \% \\ {[33.9,43.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | * | ** | ** | $\begin{gathered} 32.5 \% \\ {[24.7,40.2]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 30.3 \% \\ {[21.0,39.6]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 49.9 \% \\ {[32.1,67.7]} \end{gathered}$ | 171 | 4,927 | $\begin{gathered} 29.4 \% \\ {[19.3,39.5]} \end{gathered}$ | $\begin{gathered} 39.7 \% \\ {[35.7,43.8]} \end{gathered}$ |
| 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 | ** | ** | ** | $\begin{gathered} 35.8 \% \\ {[28.5,43.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 37.3 \% \\ {[28.5,46.1]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 61 | 1,724 | $\begin{gathered} 35.8 \% \\ {[17.0,54.5]} \end{gathered}$ | $\begin{gathered} 39.2 \% \\ {[31.4,46.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 60 | 1,708 | $\begin{gathered} 26.5 \% \\ {[14.1,38.9]} \end{gathered}$ | $\begin{gathered} 40.5 \% \\ {[35.2,45.9]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | ** | ** | ** | $\begin{gathered} 37.0 \% \\ {[30.0,44.1]} \end{gathered}$ |

[^11]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 2,127 | 64,101 | $\begin{gathered} 41.6 \% \\ {[38.0,45.2]} \end{gathered}$ | $\begin{gathered} 34.6 \% \\ {[33.0,36.2]} \end{gathered}$ | 2,667 | 83,276 | $\begin{gathered} 49.2 \% \\ {[45.3,53.1]} \end{gathered}$ | $\begin{gathered} 44.5 \% \\ {[41.7,47.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,578 | 47,502 | $\begin{gathered} 40.9 \% \\ {[36.5,45.2]} \end{gathered}$ | $\begin{gathered} 37.7 \% \\ {[35.8,39.6]} \end{gathered}$ | 2,116 | 68,211 | $\begin{gathered} 50.0 \% \\ {[45.8,54.3]} \end{gathered}$ | $\begin{gathered} 50.4 \% \\ {[48.0,52.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 170 | 8,106 | $\begin{gathered} 43.7 \% \\ {[36.0,51.3]} \end{gathered}$ | $\begin{gathered} 34.1 \% \\ {[29.6,38.5]} \end{gathered}$ | 253 | 8,229 | $\begin{gathered} 39.4 \% \\ {[33.2,45.6]} \end{gathered}$ | $\begin{gathered} 31.2 \% \\ {[27.4,35.0]} \end{gathered}$ |
| Hispanic | 149 | 2,455 | $\begin{gathered} 49.6 \% \\ {[42.9,56.4]} \end{gathered}$ | $\begin{gathered} 30.1 \% \\ {[26.7,33.6]} \end{gathered}$ | 139 | 2,375 | $\begin{gathered} 57.4 \% \\ {[48.4,66.3]} \end{gathered}$ | $\begin{gathered} 41.6 \% \\ {[36.9,46.2]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 36.4 \% \\ {[29.7,43.1]} \end{gathered}$ | $\begin{gathered} 30.4 \% \\ {[24.4,36.5]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 47.2 \% \\ {[33.4,61.0]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[34.6,42.2]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,087 | 30,926 | $\begin{gathered} 45.0 \% \\ {[39.5,50.4]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[36.5,40.3]} \end{gathered}$ | 1,176 | 37,486 | $\begin{gathered} 50.1 \% \\ {[44.9,55.3]} \end{gathered}$ | $\begin{gathered} 47.1 \% \\ {[44.1,50.1]} \end{gathered}$ |
| Male | 1,037 | 32,884 | $\begin{gathered} 38.0 \% \\ {[34.5,41.4]} \end{gathered}$ | $\begin{gathered} 30.7 \% \\ {[28.9,32.6]} \end{gathered}$ | 1,491 | 45,790 | $\begin{gathered} 48.5 \% \\ {[43.8,53.2]} \end{gathered}$ | $\begin{gathered} 41.9 \% \\ {[38.6,45.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,053 | 61,672 | $\begin{gathered} 41.2 \% \\ {[37.7,44.8]} \end{gathered}$ | $\begin{gathered} 34.3 \% \\ {[32.7,36.0]} \end{gathered}$ | 258 | 9,277 | $\begin{gathered} 38.9 \% \\ {[28.4,49.4]} \end{gathered}$ | $\begin{gathered} 38.0 \% \\ {[34.3,41.8]} \end{gathered}$ |
| 15-17 | 73 | 2,416 | $\begin{gathered} 51.5 \% \\ {[37.2,65.9]} \end{gathered}$ | $\begin{gathered} 46.6 \% \\ {[38.1,55.2]} \end{gathered}$ | 2,090 | 63,920 | $\begin{gathered} 50.9 \% \\ {[46.7,55.0]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[41.8,47.6]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 317 | 10,020 | $\begin{gathered} 48.5 \% \\ {[37.9,59.0]} \end{gathered}$ | $\begin{gathered} 50.3 \% \\ {[46.4,54.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 703 | 21,231 | $\begin{gathered} 39.7 \% \\ {[35.1,44.3]} \end{gathered}$ | $\begin{gathered} 31.2 \% \\ {[28.8,33.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 679 | 20,771 | $\begin{gathered} 36.9 \% \\ {[30.9,42.9]} \end{gathered}$ | $\begin{gathered} 33.8 \% \\ {[31.6,36.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 745 | 22,099 | $\begin{gathered} 47.8 \% \\ {[43.3,52.3]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[36.1,40.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 461 | 16,222 | $\begin{gathered} 44.7 \% \\ {[35.6,53.8]} \end{gathered}$ | $\begin{gathered} 39.4 \% \\ {[36.3,42.5]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 789 | 22,986 | $\begin{gathered} 50.4 \% \\ {[44.5,56.4]} \end{gathered}$ | $\begin{gathered} 42.9 \% \\ {[39.2,46.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 817 | 24,084 | $\begin{gathered} 49.3 \% \\ {[43.3,55.3]} \end{gathered}$ | $\begin{gathered} 46.8 \% \\ {[43.6,50.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 600 | 19,984 | $\begin{gathered} 51.4 \% \\ {[46.2,56.6]} \end{gathered}$ | $\begin{gathered} 49.3 \% \\ {[46.3,52.4]} \end{gathered}$ |

[^12]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \quad \text { Cl] }} \end{aligned}$ |
| Total | 2,127 | 64,101 | $\begin{gathered} 1.6 \\ {[1.3,1.8]} \end{gathered}$ | $\begin{gathered} 1.2 \\ {[1.2,1.3]} \end{gathered}$ | 2,667 | 83,276 | $\begin{gathered} 2.0 \\ {[1.7,2.3]} \end{gathered}$ | $\begin{gathered} 1.7 \\ {[1.6,1.9]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,578 | 47,502 | $\begin{gathered} 1.5 \\ {[1.3,1.7]} \end{gathered}$ | $\begin{gathered} 1.3 \\ {[1.2,1.4]} \end{gathered}$ | 2,116 | 68,211 | $\begin{gathered} 2.0 \\ {[1.7,2.3]} \end{gathered}$ | $\begin{gathered} 2.0 \\ {[1.8,2.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 170 | 8,106 | $\begin{gathered} 1.7 \\ {[1.3,2.2]} \end{gathered}$ | $\begin{gathered} 1.3 \\ {[1.1,1.4]} \end{gathered}$ | 253 | 8,229 | $\begin{gathered} 1.4 \\ {[1.2,1.6]} \end{gathered}$ | $\begin{gathered} 1.2 \\ {[1.1,1.4]} \end{gathered}$ |
| Hispanic | 149 | 2,455 | $\begin{gathered} 2.3 \\ {[1.9,2.6]} \end{gathered}$ | $\begin{gathered} 1.1 \\ {[0.9,1.2]} \end{gathered}$ | 139 | 2,375 | $\begin{gathered} 2.7 \\ {[2.1,3.3]} \end{gathered}$ | $\begin{gathered} 1.5 \\ {[1.3,1.7]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 1.3 \\ {[0.9,1.6]} \end{gathered}$ | $\begin{gathered} 1.1 \\ {[0.9,1.4]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 1.8 \\ {[1.1,2.4]} \end{gathered}$ | $\begin{gathered} 1.4 \\ {[1.1,1.7]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,087 | 30,926 | $\begin{gathered} 1.8 \\ {[1.4,2.1]} \end{gathered}$ | $\begin{gathered} 1.4 \\ {[1.3,1.5]} \end{gathered}$ | 1,176 | 37,486 | $\begin{gathered} 2.1 \\ {[1.8,2.3]} \end{gathered}$ | $\begin{gathered} 1.8 \\ {[1.6,1.9]} \end{gathered}$ |
| Male | 1,037 | 32,884 | $\begin{gathered} 1.4 \\ {[1.2,1.6]} \end{gathered}$ | $\begin{gathered} 1.1 \\ {[1.0,1.2]} \end{gathered}$ | 1,491 | 45,790 | $\begin{gathered} 1.9 \\ {[1.6,2.3]} \end{gathered}$ | $\begin{gathered} 1.7 \\ {[1.5,1.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,053 | 61,672 | $\begin{gathered} 1.6 \\ {[1.3,1.8]} \end{gathered}$ | $\begin{gathered} 1.2 \\ {[1.1,1.3]} \end{gathered}$ | 258 | 9,277 | $\begin{gathered} 1.6 \\ {[1.1,2.1]} \end{gathered}$ | $\begin{gathered} 1.4 \\ {[1.3,1.6]} \end{gathered}$ |
| 15-17 | 73 | 2,416 | $\begin{gathered} 2.2 \\ {[1.7,2.8]} \end{gathered}$ | $\begin{gathered} 2.2 \\ {[1.7,2.7]} \end{gathered}$ | 2,090 | 63,920 | $\begin{gathered} 2.0 \\ {[1.8,2.3]} \end{gathered}$ | $\begin{gathered} 1.7 \\ {[1.6,1.8]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 317 | 10,020 | $\begin{gathered} 2.0 \\ {[1.5,2.5]} \end{gathered}$ | $\begin{gathered} 2.1 \\ {[1.8,2.3]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 703 | 21,231 | $\begin{gathered} 1.4 \\ {[1.2,1.7]} \end{gathered}$ | $\begin{gathered} 1.1 \\ {[0.9,1.2]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 679 | 20,771 | $\begin{gathered} 1.4 \\ {[1.1,1.8]} \end{gathered}$ | $\begin{gathered} 1.2 \\ {[1.1,1.3]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 745 | 22,099 | $\begin{gathered} 1.9 \\ {[1.6,2.2]} \end{gathered}$ | $\begin{gathered} 1.4 \\ {[1.3,1.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 461 | 16,222 | $\begin{gathered} 1.9 \\ {[1.4,2.4]} \end{gathered}$ | $\begin{gathered} 1.5 \\ {[1.4,1.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 789 | 22,986 | $\begin{gathered} 1.9 \\ {[1.6,2.3]} \end{gathered}$ | $\begin{gathered} 1.6 \\ {[1.5,1.8]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 817 | 24,084 | $\begin{gathered} 1.9 \\ {[1.6,2.2]} \end{gathered}$ | $\begin{gathered} 1.8 \\ {[1.6,1.9]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 600 | 19,984 | $\begin{gathered} 2.2 \\ {[1.9,2.5]} \end{gathered}$ | $\begin{gathered} 2.0 \\ {[1.8,2.2]} \end{gathered}$ |

[^13]
## New York State Youth Tobacco Survey: 2008 Buffalo Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 2,108 | 63,473 | $\begin{gathered} 42.5 \% \\ {[37.7,47.2]} \end{gathered}$ | $\begin{gathered} 35.0 \% \\ {[33.1,36.8]} \end{gathered}$ | 2,663 | 83,144 | $\begin{gathered} 39.1 \% \\ {[34.6,43.6]} \end{gathered}$ | $\begin{gathered} 36.3 \% \\ {[34.4,38.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,571 | 47,259 | $\begin{gathered} 39.2 \% \\ {[35.4,43.0]} \end{gathered}$ | $\begin{gathered} 34.1 \% \\ {[31.8,36.4]} \end{gathered}$ | 2,113 | 68,084 | $\begin{gathered} 38.3 \% \\ {[33.7,42.9]} \end{gathered}$ | $\begin{gathered} 37.2 \% \\ {[34.7,39.7]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 168 | 8,030 | $\begin{gathered} 60.0 \% \\ {[48.3,71.7]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[33.3,43.4]} \end{gathered}$ | 254 | 8,251 | $\begin{gathered} 41.8 \% \\ {[37.1,46.6]} \end{gathered}$ | $\begin{gathered} 33.1 \% \\ {[30.1,36.1]} \end{gathered}$ |
| Hispanic | 144 | 2,360 | $\begin{gathered} 44.8 \% \\ {[34.7,54.8]} \end{gathered}$ | $\begin{gathered} 35.8 \% \\ {[32.6,38.9]} \end{gathered}$ | 138 | 2,367 | $\begin{gathered} 41.7 \% \\ {[34.4,48.9]} \end{gathered}$ | $\begin{gathered} 36.9 \% \\ {[31.4,42.5]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 103 | 1,579 | $\begin{gathered} 36.8 \% \\ {[29.8,43.7]} \end{gathered}$ | $\begin{gathered} 32.0 \% \\ {[27.1,36.9]} \end{gathered}$ | 97 | 2,158 | $\begin{gathered} 36.6 \% \\ {[22.2,50.9]} \end{gathered}$ | $\begin{gathered} 37.1 \% \\ {[32.0,42.2]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,087 | 30,930 | $\begin{gathered} 42.7 \% \\ {[35.1,50.3]} \end{gathered}$ | $\begin{gathered} 36.6 \% \\ {[34.3,38.8]} \end{gathered}$ | 1,174 | 37,403 | $\begin{gathered} 42.1 \% \\ {[39.2,44.9]} \end{gathered}$ | $\begin{gathered} 37.6 \% \\ {[35.6,39.6]} \end{gathered}$ |
| Male | 1,019 | 32,391 | $\begin{gathered} 42.0 \% \\ {[39.2,44.8]} \end{gathered}$ | $\begin{gathered} 33.4 \% \\ {[31.4,35.4]} \end{gathered}$ | 1,489 | 45,742 | $\begin{gathered} 36.7 \% \\ {[30.2,43.2]} \end{gathered}$ | $\begin{gathered} 35.1 \% \\ {[32.8,37.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,037 | 61,149 | $\begin{gathered} 41.9 \% \\ {[37.3,46.5]} \end{gathered}$ | $\begin{gathered} 34.7 \% \\ {[32.9,36.6]} \end{gathered}$ | 257 | 9,232 | $\begin{gathered} 34.0 \% \\ {[24.9,43.2]} \end{gathered}$ | $\begin{gathered} 36.1 \% \\ {[31.2,40.9]} \end{gathered}$ |
| 15-17 | 70 | 2,311 | $\begin{gathered} 56.6 \% \\ {[47.6,65.6]} \end{gathered}$ | $\begin{gathered} 49.1 \% \\ {[41.8,56.5]} \end{gathered}$ | 2,088 | 63,858 | $\begin{gathered} 40.2 \% \\ {[35.4,45.0]} \end{gathered}$ | $\begin{gathered} 36.3 \% \\ {[34.6,38.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 315 | 9,955 | $\begin{gathered} 37.3 \% \\ {[31.6,43.1]} \end{gathered}$ | $\begin{gathered} 36.6 \% \\ {[32.9,40.3]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,092 | $\begin{gathered} 40.1 \% \\ {[35.5,44.8]} \end{gathered}$ | $\begin{gathered} 32.6 \% \\ {[29.7,35.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 669 | 20,417 | $\begin{gathered} 41.8 \% \\ {[34.3,49.3]} \end{gathered}$ | $\begin{gathered} 36.0 \% \\ {[33.0,39.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 738 | 21,964 | $\begin{gathered} 45.3 \% \\ {[40.5,50.1]} \end{gathered}$ | $\begin{gathered} 36.1 \% \\ {[33.2,39.1]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 460 | 16,206 | $\begin{gathered} 39.6 \% \\ {[32.0,47.2]} \end{gathered}$ | $\begin{gathered} 36.9 \% \\ {[33.3,40.4]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 788 | 22,974 | $\begin{gathered} 41.5 \% \\ {[36.5,46.5]} \end{gathered}$ | $\begin{gathered} 37.2 \% \\ {[35.1,39.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 818 | 24,103 | $\begin{gathered} 39.6 \% \\ {[34.1,45.1]} \end{gathered}$ | $\begin{gathered} 36.4 \% \\ {[34.4,38.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 597 | 19,861 | $\begin{gathered} 35.4 \% \\ {[29.9,40.8]} \end{gathered}$ | $\begin{gathered} 34.6 \% \\ {[31.9,37.3]} \end{gathered}$ |

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \quad \mathrm{CI}]} \end{aligned}$ |
| Total | 2,111 | 63,523 | $\begin{gathered} 65.4 \% \\ {[59.7,71.2]} \end{gathered}$ | $\begin{gathered} 71.4 \% \\ {[69.9,72.8]} \end{gathered}$ | 2,659 | 83,083 | $\begin{gathered} 64.7 \% \\ {[61.5,68.0]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[67.0,70.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,570 | 47,209 | $\begin{gathered} 67.9 \% \\ {[63.2,72.5]} \end{gathered}$ | $\begin{gathered} 71.3 \% \\ {[69.4,73.2]} \end{gathered}$ | 2,110 | 68,107 | $\begin{gathered} 66.1 \% \\ {[62.9,69.3]} \end{gathered}$ | $\begin{gathered} 68.1 \% \\ {[66.1,70.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 168 | 7,999 | $\begin{gathered} 52.1 \% \\ {[39.0,65.1]} \end{gathered}$ | $\begin{gathered} 68.5 \% \\ {[63.5,73.4]} \end{gathered}$ | 254 | 8,251 | $\begin{gathered} 57.8 \% \\ {[51.7,64.0]} \end{gathered}$ | $\begin{gathered} 70.1 \% \\ {[67.6,72.6]} \end{gathered}$ |
| Hispanic | 145 | 2,409 | $\begin{gathered} 53.3 \% \\ {[45.7,60.9]} \end{gathered}$ | $\begin{gathered} 73.2 \% \\ {[71.1,75.4]} \end{gathered}$ | 138 | 2,365 | $\begin{gathered} 54.4 \% \\ {[46.2,62.6]} \end{gathered}$ | $\begin{gathered} 67.8 \% \\ {[63.1,72.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,595 | $\begin{gathered} 74.4 \% \\ {[68.2,80.5]} \end{gathered}$ | $\begin{gathered} 72.1 \% \\ {[67.7,76.6]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 61.0 \% \\ {[49.9,72.2]} \end{gathered}$ | $\begin{gathered} 69.6 \% \\ {[65.9,73.3]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,079 | 30,608 | $\begin{gathered} 63.1 \% \\ {[54.4,71.8]} \end{gathered}$ | $\begin{gathered} 68.8 \% \\ {[67.0,70.6]} \end{gathered}$ | 1,173 | 37,419 | $\begin{gathered} 64.5 \% \\ {[60.5,68.5]} \end{gathered}$ | $\begin{gathered} 68.3 \% \\ {[66.5,70.2]} \end{gathered}$ |
| Male | 1,029 | 32,624 | $\begin{gathered} 68.1 \% \\ {[64.9,71.4]} \end{gathered}$ | $\begin{gathered} 74.0 \% \\ {[72.4,75.6]} \end{gathered}$ | 1,486 | 45,664 | $\begin{gathered} 64.9 \% \\ {[60.2,69.6]} \end{gathered}$ | $\begin{gathered} 68.8 \% \\ {[66.8,70.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,040 | 61,199 | $\begin{gathered} 66.1 \% \\ {[60.6,71.6]} \end{gathered}$ | $\begin{gathered} 71.6 \% \\ {[70.2,73.0]} \end{gathered}$ | 258 | 9,254 | $\begin{gathered} 65.3 \% \\ {[58.3,72.3]} \end{gathered}$ | $\begin{gathered} 69.5 \% \\ {[65.4,73.6]} \end{gathered}$ |
| 15-17 | 71 | 2,323 | $\begin{gathered} 48.1 \% \\ {[43.1,53.1]} \end{gathered}$ | $\begin{gathered} 59.5 \% \\ {[52.7,66.3]} \end{gathered}$ | 2,083 | 63,742 | $\begin{gathered} 64.7 \% \\ {[60.9,68.5]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[67.1,70.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 315 | 9,988 | $\begin{gathered} 64.4 \% \\ {[58.3,70.5]} \end{gathered}$ | $\begin{gathered} 67.9 \% \\ {[64.6,71.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,141 | $\begin{gathered} 68.7 \% \\ {[62.2,75.2]} \end{gathered}$ | $\begin{gathered} 74.7 \% \\ {[72.7,76.7]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 672 | 20,548 | $\begin{gathered} 65.5 \% \\ {[57.3,73.6]} \end{gathered}$ | $\begin{gathered} 70.6 \% \\ {[67.5,73.6]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 738 | 21,833 | $\begin{gathered} 62.2 \% \\ {[57.3,67.1]} \end{gathered}$ | $\begin{gathered} 69.2 \% \\ {[66.7,71.6]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 463 | 16,288 | $\begin{gathered} 64.4 \% \\ {[58.9,69.8]} \end{gathered}$ | $\begin{gathered} 67.5 \% \\ {[64.4,70.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 785 | 22,843 | $\begin{gathered} 61.9 \% \\ {[58.1,65.8]} \end{gathered}$ | $\begin{gathered} 69.0 \% \\ {[66.9,71.0]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 814 | 24,065 | $\begin{gathered} 67.4 \% \\ {[63.2,71.7]} \end{gathered}$ | $\begin{gathered} 68.9 \% \\ {[67.0,70.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 597 | 19,887 | $\begin{gathered} 64.9 \% \\ {[60.4,69.5]} \end{gathered}$ | $\begin{gathered} 69.0 \% \\ {[66.7,71.4]} \end{gathered}$ |

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## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] | Buffalo 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 ${ }^{\ddagger}$ $[95 \% \mathrm{CI}]$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 835 | 26,587 | $\begin{gathered} 37.7 \% \\ {[31.6,43.9]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[42.2,47.2]} \end{gathered}$ | 1,036 | 32,377 | $\begin{gathered} 33.4 \% \\ {[29.1,37.7]} \end{gathered}$ | $\begin{gathered} 41.3 \% \\ {[39.1,43.5]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 594 | 18,274 | $\begin{gathered} 38.5 \% \\ {[32.7,44.2]} \end{gathered}$ | $\begin{gathered} 42.5 \% \\ {[40.1,44.9]} \end{gathered}$ | 277 | 25,943 | $\begin{gathered} 34.0 \% \\ {[30.1,37.8]} \end{gathered}$ | $\begin{gathered} 39.9 \% \\ {[37.6,42.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 83 | 4,765 | $\begin{gathered} 32.3 \% \\ {[20.3,44.4]} \end{gathered}$ | $\begin{gathered} 39.8 \% \\ {[33.0,46.7]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 41.9 \% \\ {[34.7,49.1]} \end{gathered}$ |
| Hispanic | 64 | 1,041 | $\begin{gathered} 30.8 \% \\ {[19.1,42.4]} \end{gathered}$ | $\begin{gathered} 52.6 \% \\ {[48.0,57.3]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 41.6 \% \\ {[36.9,46.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | ** | ** | ** | $\begin{gathered} 44.5 \% \\ {[37.0,51.9]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 49.2 \% \\ {[41.4,56.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 424 | 13,005 | $\begin{gathered} 34.4 \% \\ {[26.6,42.2]} \end{gathered}$ | $\begin{gathered} 41.3 \% \\ {[39.0,43.6]} \end{gathered}$ | 166 | 15,657 | $\begin{gathered} 33.6 \% \\ {[26.8,40.3]} \end{gathered}$ | $\begin{gathered} 41.2 \% \\ {[38.8,43.5]} \end{gathered}$ |
| Male | 410 | 13,443 | $\begin{gathered} 41.3 \% \\ {[36.3,46.4]} \end{gathered}$ | $\begin{gathered} 48.5 \% \\ {[44.8,52.3]} \end{gathered}$ | 225 | 16,720 | $\begin{gathered} 33.3 \% \\ {[28.3,38.2]} \end{gathered}$ | $\begin{gathered} 41.3 \% \\ {[38.3,44.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 800 | 25,372 | $\begin{gathered} 38.1 \% \\ {[31.9,44.3]} \end{gathered}$ | $\begin{gathered} 44.7 \% \\ {[42.2,47.1]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 42.1 \% \\ {[36.8,47.4]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 47.6 \% \\ {[35.8,59.5]} \end{gathered}$ | 306 | 25,580 | $\begin{gathered} 33.0 \% \\ {[28.2,37.7]} \end{gathered}$ | $\begin{gathered} 40.6 \% \\ {[38.7,42.5]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 65 | 3,639 | $\begin{gathered} 39.3 \% \\ {[28.8,49.8]} \end{gathered}$ | $\begin{gathered} 45.3 \% \\ {[40.0,50.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 265 | 8,430 | $\begin{gathered} 42.6 \% \\ {[33.7,51.4]} \end{gathered}$ | $\begin{gathered} 47.7 \% \\ {[44.4,50.9]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 251 | 8,380 | $\begin{gathered} 37.4 \% \\ {[26.7,48.2]} \end{gathered}$ | $\begin{gathered} 45.0 \% \\ {[39.7,50.3]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 319 | 9,777 | $\begin{gathered} 33.8 \% \\ {[27.5,40.1]} \end{gathered}$ | $\begin{gathered} 42.0 \% \\ {[38.0,46.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 53 | 6,419 | $\begin{gathered} 31.5 \% \\ {[24.6,38.4]} \end{gathered}$ | $\begin{gathered} 40.9 \% \\ {[37.2,44.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 115 | 9,508 | $\begin{gathered} 32.0 \% \\ {[26.3,37.8]} \end{gathered}$ | $\begin{gathered} 41.2 \% \\ {[38.8,43.6]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 116 | 9,480 | $\begin{gathered} 36.3 \% \\ {[29.2,43.5]} \end{gathered}$ | $\begin{gathered} 41.9 \% \\ {[38.4,45.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 107 | 6,970 | $\begin{gathered} 33.2 \% \\ {[24.7,41.6]} \end{gathered}$ | $\begin{gathered} 41.1 \% \\ {[36.4,45.8]} \end{gathered}$ |

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## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {\left[\begin{array}{lll} 95 \% & \mathrm{CI} \end{array}\right]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 2,131 | 64,555 | $\begin{gathered} 2.3 \% \\ {[0.5,4.1]} \end{gathered}$ | $\begin{gathered} 1.5 \% \\ {[1.1,1.8]} \end{gathered}$ | 2,650 | 82,943 | $\begin{gathered} 5.8 \% \\ {[4.6,7.0]} \end{gathered}$ | $\begin{gathered} 6.0 \% \\ {[5.2,6.9]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,579 | 47,620 | $\begin{gathered} 0.9 \% \\ {[0.2,1.5]} \end{gathered}$ | $\begin{gathered} 0.8 \% \\ {[0.5,1.0]} \end{gathered}$ | 2,104 | 68,049 | $\begin{gathered} 5.5 \% \\ {[4.0,6.9]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.4,7.5]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 173 | 8,299 | $\begin{gathered} 7.6 \% \\ {[1.2,14.0]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.3,3.3]} \end{gathered}$ | 263 | 8,392 | $\begin{gathered} 4.6 \% \\ {[3.1,6.0]} \end{gathered}$ | $\begin{gathered} 3.8 \% \\ {[2.5,5.1]} \end{gathered}$ |
| Hispanic | 150 | 2,380 | $\begin{gathered} 6.5 \% \\ {[1.8,11.3]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.5,3.1]} \end{gathered}$ | 134 | 2,288 | $\begin{gathered} 18.1 \% \\ {[12.8,23.4]} \end{gathered}$ | $\begin{gathered} 6.7 \% \\ {[5.2,8.1]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 103 | 1,583 | $\begin{gathered} 3.5 \% \\ {[-0.5,7.4]} \end{gathered}$ | $\begin{gathered} 2.1 \% \\ {[0.5,3.8]} \end{gathered}$ | 91 | 2,031 | $\begin{gathered} 6.8 \% \\ {[3.0,10.7]} \end{gathered}$ | $\begin{gathered} 7.0 \% \\ {[4.3,9.7]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,096 | 31,433 | $\begin{gathered} 1.9 \% \\ {[0.6,3.2]} \end{gathered}$ | $\begin{gathered} 1.1 \% \\ {[0.8,1.4]} \end{gathered}$ | 1,172 | 37,413 | $\begin{gathered} 4.0 \% \\ {[2.9,5.0]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.4,6.2]} \end{gathered}$ |
| Male | 1,032 | 32,831 | $\begin{gathered} 1.9 \% \\ {[0.7,3.2]} \end{gathered}$ | $\begin{gathered} 1.7 \% \\ {[1.2,2.2]} \end{gathered}$ | 1,478 | 45,530 | $\begin{gathered} 7.2 \% \\ {[5.3,9.2]} \end{gathered}$ | $\begin{gathered} 6.7 \% \\ {[5.7,7.7]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,060 | 62,293 | $\begin{gathered} 1.6 \% \\ {[0.4,2.9]} \end{gathered}$ | $\begin{gathered} 1.3 \% \\ {[1.0,1.6]} \end{gathered}$ | 255 | 9,234 | $\begin{gathered} 2.9 \% \\ {[0.7,5.0]} \end{gathered}$ | $\begin{gathered} 4.9 \% \\ {[3.2,6.5]} \end{gathered}$ |
| 15-17 | 70 | 2,248 | $\begin{gathered} 21.8 \% \\ {[11.2,32.3]} \end{gathered}$ | $\begin{gathered} 8.9 \% \\ {[5.0,12.8]} \end{gathered}$ | 2,078 | 63,669 | $\begin{gathered} 6.0 \% \\ {[4.8,7.3]} \end{gathered}$ | $\begin{gathered} 5.7 \% \\ {[4.8,6.6]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 314 | 9,940 | $\begin{gathered} 5.9 \% \\ {[2.4,9.3]} \end{gathered}$ | $\begin{gathered} 9.3 \% \\ {[7.2,11.4]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,199 | $\begin{gathered} 1.0 \% \\ {[0.5,1.5]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.5,1.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 684 | 21,290 | $\begin{gathered} 2.2 \% \\ {[-0.5,4.9]} \end{gathered}$ | $\begin{gathered} 1.0 \% \\ {[0.6,1.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 746 | 22,065 | $\begin{gathered} 3.8 \% \\ {[0.9,6.6]} \end{gathered}$ | $\begin{gathered} 2.3 \% \\ {[1.7,3.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 451 | 16,027 | $\begin{gathered} 4.5 \% \\ {[2.2,6.7]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[3.9,5.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 782 | 22,786 | $\begin{gathered} 5.8 \% \\ {[3.9,7.7]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.1,6.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 821 | 24,081 | $\begin{gathered} 5.8 \% \\ {[3.5,8.1]} \end{gathered}$ | $\begin{gathered} 5.8 \% \\ {[4.5,7.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 596 | 20,048 | $\begin{gathered} 6.7 \% \\ {[4.1,9.4]} \end{gathered}$ | $\begin{gathered} 8.6 \% \\ {[7.0,10.2]} \end{gathered}$ |

[^17]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \quad \mathrm{CI}]} \end{aligned}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 2,131 | 64,555 | $\begin{gathered} 0.4 \\ {[0.1,0.7]} \end{gathered}$ | $\begin{gathered} 0.2 \\ {[0.1,0.2]} \end{gathered}$ | 2,650 | 82,943 | $\begin{gathered} 0.8 \\ {[0.6,1.0]} \end{gathered}$ | $\begin{gathered} 0.8 \\ {[0.7,1.0]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,579 | 47,620 | $\begin{gathered} 0.1 \\ {[0.0,0.2]} \end{gathered}$ | $\begin{gathered} 0.1 \\ {[0.0,0.1]} \end{gathered}$ | 2,104 | 68,049 | $\begin{gathered} 0.7 \\ {[0.5,0.9]} \end{gathered}$ | $\begin{gathered} 0.9 \\ {[0.7,1.0]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 173 | 8,299 | $\begin{gathered} 1.2 \\ {[-0.2,2.6]} \end{gathered}$ | $\begin{gathered} 0.3 \\ {[0.1,0.4]} \end{gathered}$ | 263 | 8,392 | $\begin{gathered} 0.8 \\ {[0.3,1.2]} \end{gathered}$ | $\begin{gathered} 0.6 \\ {[0.3,1.0]} \end{gathered}$ |
| Hispanic | 150 | 2,380 | $\begin{gathered} 1.3 \\ {[-0.1,2.6]} \end{gathered}$ | $\begin{gathered} 0.3 \\ {[0.1,0.5]} \end{gathered}$ | 134 | 2,288 | $\begin{gathered} 3.6 \\ {[2.1,5.0]} \end{gathered}$ | $\begin{gathered} 0.9 \\ {[0.6,1.2]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 103 | 1,583 | $\begin{gathered} 0.5 \\ {[-0.1,1.2]} \end{gathered}$ | $\begin{gathered} 0.4 \\ {[0.0,0.9]} \end{gathered}$ | 91 | 2,031 | $\begin{gathered} 1.5 \\ {[0.2,2.8]} \end{gathered}$ | $\begin{gathered} 1.1 \\ {[0.6,1.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,096 | 31,433 | $\begin{gathered} 0.3 \\ {[0.1,0.5]} \end{gathered}$ | $\begin{gathered} 0.1 \\ {[0.1,0.2]} \end{gathered}$ | 1,172 | 37,413 | $\begin{gathered} 0.5 \\ {[0.3,0.7]} \end{gathered}$ | $\begin{gathered} 0.6 \\ {[0.5,0.7]} \end{gathered}$ |
| Male | 1,032 | 32,831 | $\begin{gathered} 0.2 \\ {[0.0,0.4]} \end{gathered}$ | $\begin{gathered} 0.2 \\ {[0.1,0.3]} \end{gathered}$ | 1,478 | 45,530 | $\begin{gathered} 1.1 \\ {[0.6,1.5]} \end{gathered}$ | $\begin{gathered} 1.1 \\ {[0.8,1.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,060 | 62,293 | $\begin{gathered} 0.3 \\ {[0.0,0.6]} \end{gathered}$ | $\begin{gathered} 0.2 \\ {[0.1,0.2]} \end{gathered}$ | 255 | 9,234 | $\begin{gathered} 0.7 \\ {[0.0,1.3]} \end{gathered}$ | $\begin{gathered} 0.7 \\ {[0.4,1.1]} \end{gathered}$ |
| 15-17 | 70 | 2,248 | $\begin{gathered} 3.0 \\ {[0.7,5.2]} \end{gathered}$ | $\begin{gathered} 1.1 \\ {[0.5,1.7]} \end{gathered}$ | 2,078 | 63,669 | $\begin{gathered} 0.8 \\ {[0.6,1.0]} \end{gathered}$ | $\begin{gathered} 0.8 \\ {[0.6,0.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 314 | 9,940 | $\begin{gathered} 1.0 \\ {[0.3,1.8]} \end{gathered}$ | $\begin{gathered} 1.4 \\ {[0.9,1.8]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,199 | $\begin{gathered} 0.2 \\ {[0.1,0.2]} \end{gathered}$ | $\begin{gathered} 0.2 \\ {[0.1,0.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 684 | 21,290 | $\begin{gathered} 0.5 \\ {[-0.3,1.3]} \end{gathered}$ | $\begin{gathered} 0.1 \\ {[0.0,0.2]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 746 | 22,065 | $\begin{gathered} 0.5 \\ {[0.2,0.8]} \end{gathered}$ | $\begin{gathered} 0.2 \\ {[0.1,0.3]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 451 | 16,027 | $\begin{gathered} 0.6 \\ {[0.3,0.9]} \end{gathered}$ | $\begin{gathered} 0.6 \\ {[0.4,0.8]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 782 | 22,786 | $\begin{gathered} 0.8 \\ {[0.6,1.1]} \end{gathered}$ | $\begin{gathered} 0.7 \\ {[0.5,1.0]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 821 | 24,081 | $\begin{gathered} 0.6 \\ {[0.3,0.9]} \end{gathered}$ | $\begin{gathered} 0.8 \\ {[0.5,1.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 596 | 20,048 | $\begin{gathered} 1.2 \\ {[0.7,1.8]} \end{gathered}$ | $\begin{gathered} 1.4 \\ {[1.1,1.6]} \end{gathered}$ |

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## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {\left[\begin{array}{lll} 95 \% & \text { CI } \end{array}\right]} \end{aligned}$ |
| Total | 2,143 | 64,978 | $\begin{gathered} 25.8 \% \\ {[12.9,38.6]} \end{gathered}$ | $\begin{gathered} 28.2 \% \\ {[24.8,31.5]} \end{gathered}$ | 2,692 | 83,915 | $\begin{gathered} 56.7 \% \\ {[46.4,67.0]} \end{gathered}$ | $\begin{gathered} 63.6 \% \\ {[59.2,68.0]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,585 | 47,837 | $\begin{gathered} 23.9 \% \\ {[8.7,39.1]} \end{gathered}$ | $\begin{gathered} 24.3 \% \\ {[20.7,27.8]} \end{gathered}$ | 2,120 | 68,327 | $\begin{gathered} 55.8 \% \\ {[44.2,67.4]} \end{gathered}$ | $\begin{gathered} 63.9 \% \\ {[59.7,68.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 174 | 8,413 | $\begin{gathered} 28.3 \% \\ {[18.6,38.1]} \end{gathered}$ | $\begin{gathered} 32.1 \% \\ {[24.8,39.4]} \end{gathered}$ | 269 | 8,558 | $\begin{gathered} 60.8 \% \\ {[57.3,64.4]} \end{gathered}$ | $\begin{gathered} 54.5 \% \\ {[46.5,62.6]} \end{gathered}$ |
| Hispanic | 153 | 2,467 | $\begin{gathered} 27.7 \% \\ {[21.7,33.8]} \end{gathered}$ | $\begin{gathered} 33.9 \% \\ {[29.3,38.5]} \end{gathered}$ | 142 | 2,521 | $\begin{gathered} 64.4 \% \\ {[55.9,73.0]} \end{gathered}$ | $\begin{gathered} 69.5 \% \\ {[63.0,76.0]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 104 | 1,581 | $\begin{gathered} 21.6 \% \\ {[10.4,32.8]} \end{gathered}$ | $\begin{gathered} 33.0 \% \\ {[25.6,40.4]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 51.2 \% \\ {[36.4,66.1]} \end{gathered}$ | $\begin{gathered} 70.9 \% \\ {[60.9,80.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,100 | 31,561 | $\begin{gathered} 23.5 \% \\ {[10.8,36.2]} \end{gathered}$ | $\begin{gathered} 28.3 \% \\ {[24.6,32.1]} \end{gathered}$ | 1,184 | 37,798 | $\begin{gathered} 56.1 \% \\ {[44.1,68.0]} \end{gathered}$ | $\begin{gathered} 63.3 \% \\ {[58.8,67.9]} \end{gathered}$ |
| Male | 1,041 | 33,140 | $\begin{gathered} 27.3 \% \\ {[13.9,40.7]} \end{gathered}$ | $\begin{gathered} 28.0 \% \\ {[24.6,31.4]} \end{gathered}$ | 1,508 | 46,117 | $\begin{gathered} 57.2 \% \\ {[47.3,67.1]} \end{gathered}$ | $\begin{gathered} 63.9 \% \\ {[59.3,68.5]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,070 | 62,591 | $\begin{gathered} 24.8 \% \\ {[11.7,37.9]} \end{gathered}$ | $\begin{gathered} 27.9 \% \\ {[24.6,31.2]} \end{gathered}$ | 260 | 9,288 | $\begin{gathered} 49.4 \% \\ {[35.6,63.1]} \end{gathered}$ | $\begin{gathered} 58.3 \% \\ {[51.2,65.4]} \end{gathered}$ |
| 15-17 | 72 | 2,374 | $\begin{gathered} 50.9 \% \\ {[42.2,59.6]} \end{gathered}$ | $\begin{gathered} 42.7 \% \\ {[35.4,50.0]} \end{gathered}$ | 2,110 | 64,464 | $\begin{gathered} 57.6 \% \\ {[47.1,68.2]} \end{gathered}$ | $\begin{gathered} 64.2 \% \\ {[59.8,68.6]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 321 | 10,120 | $\begin{gathered} 57.5 \% \\ {[47.4,67.7]} \end{gathered}$ | $\begin{gathered} 66.1 \% \\ {[62.0,70.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 704 | 21,236 | $\begin{gathered} 17.3 \% \\ {[4.2,30.4]} \end{gathered}$ | $\begin{gathered} 23.4 \% \\ {[19.3,27.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 691 | 21,456 | $\begin{gathered} 24.8 \% \\ {[10.3,39.2]} \end{gathered}$ | $\begin{gathered} 28.2 \% \\ {[24.1,32.3]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 748 | 22,285 | $\begin{gathered} 34.8 \% \\ {[23.3,46.3]} \end{gathered}$ | $\begin{gathered} 32.6 \% \\ {[29.0,36.2]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 461 | 16,156 | $\begin{gathered} 51.0 \% \\ {[37.0,65.0]} \end{gathered}$ | $\begin{gathered} 61.2 \% \\ {[54.7,67.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 796 | 23,162 | $\begin{gathered} 53.9 \% \\ {[42.9,64.9]} \end{gathered}$ | $\begin{gathered} 62.7 \% \\ {[58.2,67.3]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 831 | 24,360 | $\begin{gathered} 57.9 \% \\ {[46.2,69.6]} \end{gathered}$ | $\begin{gathered} 63.6 \% \\ {[59.0,68.2]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 604 | 20,238 | $\begin{gathered} 62.9 \% \\ {[53.0,72.8]} \end{gathered}$ | $\begin{gathered} 67.5 \% \\ {[63.6,71.4]} \end{gathered}$ |

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## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 2,142 | 64,861 | $\begin{gathered} 21.5 \% \\ {[16.0,27.1]} \end{gathered}$ | $\begin{gathered} 38.2 \% \\ {[34.8,41.5]} \end{gathered}$ | 2,692 | 83,967 | $\begin{gathered} 26.7 \% \\ {[23.0,30.3]} \end{gathered}$ | $\begin{gathered} 38.2 \% \\ {[34.2,42.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,584 | 47,792 | $\begin{gathered} 18.4 \% \\ {[13.5,23.3]} \end{gathered}$ | $\begin{gathered} 26.2 \% \\ {[23.3,29.0]} \end{gathered}$ | 2,120 | 68,384 | $\begin{gathered} 24.5 \% \\ {[21.6,27.5]} \end{gathered}$ | $\begin{gathered} 28.0 \% \\ {[25.7,30.3]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 174 | 8,375 | $\begin{gathered} 31.5 \% \\ {[21.7,41.3]} \end{gathered}$ | $\begin{gathered} 53.7 \% \\ {[48.0,59.5]} \end{gathered}$ | 269 | 8,573 | $\begin{gathered} 33.1 \% \\ {[12.6,53.5]} \end{gathered}$ | $\begin{gathered} 48.6 \% \\ {[42.4,54.9]} \end{gathered}$ |
| Hispanic | 155 | 2,488 | $\begin{gathered} 25.2 \% \\ {[19.6,30.8]} \end{gathered}$ | $\begin{gathered} 54.6 \% \\ {[49.7,59.6]} \end{gathered}$ | 143 | 2,532 | $\begin{gathered} 43.9 \% \\ {[33.2,54.6]} \end{gathered}$ | $\begin{gathered} 56.1 \% \\ {[50.5,61.8]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 103 | 1,547 | $\begin{gathered} 33.0 \% \\ {[25.0,41.0]} \end{gathered}$ | $\begin{gathered} 43.5 \% \\ {[37.3,49.6]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 32.8 \% \\ {[22.8,42.8]} \end{gathered}$ | $\begin{gathered} 47.4 \% \\ {[42.0,52.8]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,098 | 31,478 | $\begin{gathered} 19.5 \% \\ {[15.0,23.9]} \end{gathered}$ | $\begin{gathered} 37.7 \% \\ {[34.3,41.0]} \end{gathered}$ | 1,183 | 37,710 | $\begin{gathered} 23.7 \% \\ {[19.4,27.9]} \end{gathered}$ | $\begin{gathered} 35.5 \% \\ {[31.1,39.8]} \end{gathered}$ |
| Male | 1,041 | 33,092 | $\begin{gathered} 22.8 \% \\ {[15.9,29.8]} \end{gathered}$ | $\begin{gathered} 38.6 \% \\ {[34.9,42.3]} \end{gathered}$ | 1,509 | 46,257 | $\begin{gathered} 29.1 \% \\ {[25.1,33.2]} \end{gathered}$ | $\begin{gathered} 40.9 \% \\ {[36.6,45.1]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,069 | 62,479 | $\begin{gathered} 20.8 \% \\ {[15.8,25.8]} \end{gathered}$ | $\begin{gathered} 37.8 \% \\ {[34.5,41.2]} \end{gathered}$ | 261 | 9,376 | $\begin{gathered} 23.6 \% \\ {[18.9,28.3]} \end{gathered}$ | $\begin{gathered} 34.2 \% \\ {[28.7,39.6]} \end{gathered}$ |
| 15-17 | 72 | 2,369 | $\begin{gathered} 41.4 \% \\ {[36.8,45.9]} \end{gathered}$ | $\begin{gathered} 51.6 \% \\ {[43.1,60.1]} \end{gathered}$ | 2,107 | 64,377 | $\begin{gathered} 27.3 \% \\ {[23.3,31.2]} \end{gathered}$ | $\begin{gathered} 38.1 \% \\ {[33.9,42.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 322 | 10,131 | $\begin{gathered} 25.5 \% \\ {[20.5,30.4]} \end{gathered}$ | $\begin{gathered} 42.7 \% \\ {[37.3,48.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 705 | 21,262 | $\begin{gathered} 17.1 \% \\ {[12.9,21.3]} \end{gathered}$ | $\begin{gathered} 36.2 \% \\ {[31.8,40.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 687 | 21,229 | $\begin{gathered} 22.5 \% \\ {[15.3,29.8]} \end{gathered}$ | $\begin{gathered} 38.4 \% \\ {[34.4,42.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 750 | 22,369 | $\begin{gathered} 24.8 \% \\ {[18.1,31.6]} \end{gathered}$ | $\begin{gathered} 39.8 \% \\ {[35.0,44.5]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 462 | 16,272 | $\begin{gathered} 24.7 \% \\ {[20.9,28.6]} \end{gathered}$ | $\begin{gathered} 38.0 \% \\ {[32.9,43.1]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 796 | 23,178 | $\begin{gathered} 25.6 \% \\ {[18.8,32.4]} \end{gathered}$ | $\begin{gathered} 36.8 \% \\ {[32.1,41.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 831 | 24,331 | $\begin{gathered} 27.4 \% \\ {[21.7,33.0]} \end{gathered}$ | $\begin{gathered} 37.6 \% \\ {[33.2,42.0]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 603 | 20,187 | $\begin{gathered} 28.7 \% \\ {[23.0,34.3]} \end{gathered}$ | $\begin{gathered} 41.2 \% \\ {[35.5,46.8]} \end{gathered}$ |

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## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 1,990 | 60,039 | $\begin{gathered} 18.1 \% \\ {[12.2,24.0]} \end{gathered}$ | $\begin{gathered} 16.9 \% \\ {[15.3,18.4]} \end{gathered}$ | 2,460 | 76,891 | $\begin{gathered} 41.8 \% \\ {[38.9,44.7]} \end{gathered}$ | $\begin{gathered} 41.6 \% \\ {[38.9,44.2]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,491 | 44,841 | $\begin{gathered} 15.5 \% \\ {[10.5,20.5]} \end{gathered}$ | $\begin{gathered} 13.9 \% \\ {[12.4,15.5]} \end{gathered}$ | 1,971 | 63,439 | $\begin{gathered} 42.3 \% \\ {[38.7,45.9]} \end{gathered}$ | $\begin{gathered} 43.4 \% \\ {[41.2,45.6]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 158 | 7,487 | $\begin{gathered} 24.5 \% \\ {[11.1,37.9]} \end{gathered}$ | $\begin{gathered} 19.9 \% \\ {[16.3,23.4]} \end{gathered}$ | 230 | 7,416 | $\begin{gathered} 36.0 \% \\ {[26.9,45.0]} \end{gathered}$ | $\begin{gathered} 30.0 \% \\ {[26.2,33.8]} \end{gathered}$ |
| Hispanic | 129 | 2,119 | $\begin{gathered} 36.3 \% \\ {[29.3,43.3]} \end{gathered}$ | $\begin{gathered} 23.2 \% \\ {[20.5,26.0]} \end{gathered}$ | 124 | 2,085 | $\begin{gathered} 44.7 \% \\ {[36.7,52.7]} \end{gathered}$ | $\begin{gathered} 46.7 \% \\ {[41.3,52.1]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 98 | 1,485 | $\begin{gathered} 19.2 \% \\ {[6.3,32.1]} \end{gathered}$ | $\begin{gathered} 16.3 \% \\ {[12.7,19.9]} \end{gathered}$ | 82 | 1,889 | $\begin{gathered} 45.9 \% \\ {[24.8,66.9]} \end{gathered}$ | $\begin{gathered} 42.5 \% \\ {[38.3,46.7]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,026 | 29,161 | $\begin{gathered} 19.5 \% \\ {[12.6,26.5]} \end{gathered}$ | $\begin{gathered} 18.4 \% \\ {[16.3,20.4]} \end{gathered}$ | 1,104 | 35,280 | $\begin{gathered} 44.6 \% \\ {[40.5,48.6]} \end{gathered}$ | $\begin{gathered} 41.8 \% \\ {[38.0,45.5]} \end{gathered}$ |
| Male | 961 | 30,588 | $\begin{gathered} 16.0 \% \\ {[11.1,21.0]} \end{gathered}$ | $\begin{gathered} 15.3 \% \\ {[13.8,16.8]} \end{gathered}$ | 1,356 | 41,611 | $\begin{gathered} 39.4 \% \\ {[36.9,42.0]} \end{gathered}$ | $\begin{gathered} 41.4 \% \\ {[38.7,44.0]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 1,928 | 57,913 | $\begin{gathered} 16.6 \% \\ {[11.5,21.6]} \end{gathered}$ | $\begin{gathered} 16.3 \% \\ {[14.8,17.8]} \end{gathered}$ | 234 | 8,523 | $\begin{gathered} 25.4 \% \\ {[15.3,35.5]} \end{gathered}$ | $\begin{gathered} 33.1 \% \\ {[29.6,36.5]} \end{gathered}$ |
| 15-17 | 62 | 2,126 | $\begin{gathered} 60.5 \% \\ {[48.2,72.9]} \end{gathered}$ | $\begin{gathered} 47.2 \% \\ {[38.8,55.6]} \end{gathered}$ | 1,930 | 58,965 | $\begin{gathered} 42.5 \% \\ {[39.5,45.5]} \end{gathered}$ | $\begin{gathered} 41.4 \% \\ {[38.5,44.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 293 | 9,304 | $\begin{gathered} 52.1 \% \\ {[45.4,58.8]} \end{gathered}$ | $\begin{gathered} 51.9 \% \\ {[48.2,55.6]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 673 | 20,384 | $\begin{gathered} 10.0 \% \\ {[3.3,16.7]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[8.1,11.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 631 | 19,378 | $\begin{gathered} 14.9 \% \\ {[8.8,21.1]} \end{gathered}$ | $\begin{gathered} 15.2 \% \\ {[13.4,16.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 686 | 20,277 | $\begin{gathered} 29.4 \% \\ {[23.2,35.5]} \end{gathered}$ | $\begin{gathered} 25.3 \% \\ {[22.8,27.7]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 412 | 14,620 | $\begin{gathered} 32.9 \% \\ {[24.8,40.9]} \end{gathered}$ | $\begin{gathered} 36.1 \% \\ {[33.0,39.2]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 720 | 21,013 | $\begin{gathered} 39.4 \% \\ {[35.1,43.8]} \end{gathered}$ | $\begin{gathered} 38.6 \% \\ {[35.9,41.2]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 763 | 22,360 | $\begin{gathered} 41.9 \% \\ {[35.2,48.6]} \end{gathered}$ | $\begin{gathered} 43.1 \% \\ {[38.5,47.7]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 565 | 18,898 | $\begin{gathered} 51.2 \% \\ {[43.7,58.7]} \end{gathered}$ | $\begin{gathered} 49.4 \% \\ {[45.6,53.2]} \end{gathered}$ |

[^21]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 2,115 | 63,691 | $\begin{gathered} 6.9 \% \\ {[4.3,9.5]} \end{gathered}$ | $\begin{gathered} 6.4 \% \\ {[5.7,7.2]} \end{gathered}$ | 2,655 | 82,931 | $\begin{gathered} 18.5 \% \\ {[16.2,20.8]} \end{gathered}$ | $\begin{gathered} 17.5 \% \\ {[15.8,19.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,576 | 47,386 | $\begin{gathered} 4.8 \% \\ {[3.3,6.4]} \end{gathered}$ | $\begin{gathered} 5.5 \% \\ {[4.7,6.2]} \end{gathered}$ | 2,108 | 67,965 | $\begin{gathered} 18.7 \% \\ {[16.6,20.8]} \end{gathered}$ | $\begin{gathered} 19.8 \% \\ {[18.4,21.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 167 | 8,055 | $\begin{gathered} 14.0 \% \\ {[4.2,23.7]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[4.9,8.3]} \end{gathered}$ | 251 | 8,198 | $\begin{gathered} 9.5 \% \\ {[5.7,13.2]} \end{gathered}$ | $\begin{gathered} 9.1 \% \\ {[6.8,11.4]} \end{gathered}$ |
| Hispanic | 146 | 2,402 | $\begin{gathered} 17.3 \% \\ {[7.2,27.3]} \end{gathered}$ | $\begin{gathered} 8.4 \% \\ {[6.7,10.1]} \end{gathered}$ | 139 | 2,375 | $\begin{gathered} 31.2 \% \\ {[21.1,41.3]} \end{gathered}$ | $\begin{gathered} 18.6 \% \\ {[14.9,22.3]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 10.8 \% \\ {[3.0,18.5]} \end{gathered}$ | $\begin{gathered} 8.6 \% \\ {[5.6,11.6]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 19.7 \% \\ {[12.6,26.8]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.3,17.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,083 | 30,807 | $\begin{gathered} 7.2 \% \\ {[4.3,10.1]} \end{gathered}$ | $\begin{gathered} 6.6 \% \\ {[5.6,7.5]} \end{gathered}$ | 1,175 | 37,408 | $\begin{gathered} 18.3 \% \\ {[15.5,21.1]} \end{gathered}$ | $\begin{gathered} 17.0 \% \\ {[14.9,19.0]} \end{gathered}$ |
| Male | 1,029 | 32,594 | $\begin{gathered} 5.8 \% \\ {[3.5,8.2]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[5.4,7.1]} \end{gathered}$ | 1,480 | 45,522 | $\begin{gathered} 18.6 \% \\ {[15.8,21.5]} \end{gathered}$ | $\begin{gathered} 17.9 \% \\ {[16.1,19.8]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,041 | 61,262 | $\begin{gathered} 6.2 \% \\ {[4.0,8.3]} \end{gathered}$ | $\begin{gathered} 6.1 \% \\ {[5.3,6.8]} \end{gathered}$ | 258 | 9,254 | $\begin{gathered} 15.1 \% \\ {[9.3,20.9]} \end{gathered}$ | $\begin{gathered} 15.4 \% \\ {[12.9,17.9]} \end{gathered}$ |
| 15-17 | 73 | 2,416 | $\begin{gathered} 25.4 \% \\ {[14.6,36.3]} \end{gathered}$ | $\begin{gathered} 26.9 \% \\ {[19.3,34.5]} \end{gathered}$ | 2,081 | 63,701 | $\begin{gathered} 19.0 \% \\ {[16.9,21.1]} \end{gathered}$ | $\begin{gathered} 16.9 \% \\ {[15.0,18.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 314 | 9,917 | $\begin{gathered} 17.7 \% \\ {[10.9,24.6]} \end{gathered}$ | $\begin{gathered} 23.7 \% \\ {[21.3,26.1]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 705 | 21,236 | $\begin{gathered} 2.4 \% \\ {[0.6,4.2]} \end{gathered}$ | $\begin{gathered} 3.5 \% \\ {[2.7,4.4]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 670 | 20,513 | $\begin{gathered} 7.2 \% \\ {[3.9,10.4]} \end{gathered}$ | $\begin{gathered} 5.9 \% \\ {[4.9,6.9]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 740 | 21,943 | $\begin{gathered} 11.1 \% \\ {[7.1,15.0]} \end{gathered}$ | $\begin{gathered} 9.6 \% \\ {[8.3,11.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 462 | 16,255 | $\begin{gathered} 17.7 \% \\ {[12.9,22.5]} \end{gathered}$ | $\begin{gathered} 15.5 \% \\ {[13.5,17.4]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 785 | 22,870 | $\begin{gathered} 16.8 \% \\ {[12.1,21.5]} \end{gathered}$ | $\begin{gathered} 15.7 \% \\ {[13.4,18.0]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 814 | 24,024 | $\begin{gathered} 18.0 \% \\ {[15.4,20.6]} \end{gathered}$ | $\begin{gathered} 17.8 \% \\ {[15.6,20.1]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 594 | 19,782 | $\begin{gathered} 21.6 \% \\ {[16.9,26.4]} \end{gathered}$ | $\begin{gathered} 21.4 \% \\ {[19.0,23.7]} \end{gathered}$ |

[^22]
## New York State Youth Tobacco Survey: 2008 Buffalo Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] | Buffalo Area |  |  |  |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 1,821 | 54,743 | $\begin{gathered} 12.9 \% \\ {[11.4,14.4]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[13.4,15.5]} \end{gathered}$ | 1,652 | 53,225 | $\begin{gathered} 13.9 \% \\ {[10.7,17.1]} \end{gathered}$ | $\begin{gathered} 15.8 \% \\ {[14.4,17.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,396 | 41,998 | $\begin{gathered} 12.2 \% \\ {[10.3,14.2]} \end{gathered}$ | $\begin{gathered} 15.6 \% \\ {[14.5,16.8]} \end{gathered}$ | 1,322 | 43,739 | $\begin{gathered} 14.7 \% \\ {[11.5,17.9]} \end{gathered}$ | $\begin{gathered} 18.4 \% \\ {[17.1,19.6]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 133 | 6,178 | $\begin{gathered} 13.2 \% \\ {[10.0,16.4]} \end{gathered}$ | $\begin{gathered} 11.2 \% \\ {[9.0,13.4]} \end{gathered}$ | 178 | 6,083 | $\begin{gathered} 8.5 \% \\ {[3.2,13.8]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[7.7,11.8]} \end{gathered}$ |
| Hispanic | 107 | 1,760 | $\begin{gathered} 12.5 \% \\ {[2.8,22.2]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.6,17.6]} \end{gathered}$ | 73 | 1,233 | $\begin{gathered} 13.0 \% \\ {[8.4,17.5]} \end{gathered}$ | $\begin{gathered} 15.1 \% \\ {[12.9,17.2]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 89 | 1,348 | $\begin{gathered} 14.2 \% \\ {[7.6,20.8]} \end{gathered}$ | $\begin{gathered} 12.4 \% \\ {[9.3,15.5]} \end{gathered}$ | ** | ** | ** | $\begin{gathered} 15.7 \% \\ {[10.1,21.2]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 939 | 27,002 | $\begin{gathered} 13.2 \% \\ {[11.9,14.6]} \end{gathered}$ | $\begin{gathered} 14.3 \% \\ {[13.1,15.5]} \end{gathered}$ | 720 | 23,995 | $\begin{gathered} 13.4 \% \\ {[9.7,17.1]} \end{gathered}$ | $\begin{gathered} 16.5 \% \\ {[14.3,18.7]} \end{gathered}$ |
| Male | 881 | 27,729 | $\begin{gathered} 12.6 \% \\ {[10.4,14.7]} \end{gathered}$ | $\begin{gathered} 14.6 \% \\ {[13.2,16.0]} \end{gathered}$ | 932 | 29,230 | $\begin{gathered} 14.3 \% \\ {[10.3,18.2]} \end{gathered}$ | $\begin{gathered} 15.2 \% \\ {[13.5,16.9]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 1,781 | 53,361 | $\begin{gathered} 13.0 \% \\ {[11.4,14.5]} \end{gathered}$ | $\begin{gathered} 14.5 \% \\ {[13.4,15.6]} \end{gathered}$ | 191 | 6,821 | $\begin{gathered} 13.4 \% \\ {[5.4,21.4]} \end{gathered}$ | $\begin{gathered} 19.1 \% \\ {[16.1,22.2]} \end{gathered}$ |
| 15-17 | ** | ** | ** | $\begin{gathered} 12.0 \% \\ {[5.5,18.6]} \end{gathered}$ | 1,287 | 40,528 | $\begin{gathered} 14.3 \% \\ {[11.6,17.1]} \end{gathered}$ | $\begin{gathered} 15.7 \% \\ {[14.1,17.4]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 173 | 5,860 | $\begin{gathered} 11.5 \% \\ {[5.3,17.6]} \end{gathered}$ | $\begin{gathered} 10.2 \% \\ {[7.7,12.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 654 | 19,770 | $\begin{gathered} 10.8 \% \\ {[8.4,13.2]} \end{gathered}$ | $\begin{gathered} 10.9 \% \\ {[9.6,12.2]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 588 | 17,861 | $\begin{gathered} 13.9 \% \\ {[10.9,16.9]} \end{gathered}$ | $\begin{gathered} 15.0 \% \\ {[13.6,16.4]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 579 | 17,113 | $\begin{gathered} 14.3 \% \\ {[10.0,18.5]} \end{gathered}$ | $\begin{gathered} 17.6 \% \\ {[15.5,19.7]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 322 | 11,437 | $\begin{gathered} 15.9 \% \\ {[7.8,23.9]} \end{gathered}$ | $\begin{gathered} 19.2 \% \\ {[16.3,22.0]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 501 | 15,062 | $\begin{gathered} 15.1 \% \\ {[10.7,19.5]} \end{gathered}$ | $\begin{gathered} 16.1 \% \\ {[13.7,18.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 496 | 15,302 | $\begin{gathered} 11.2 \% \\ {[7.6,14.8]} \end{gathered}$ | $\begin{gathered} 14.0 \% \\ {[12.4,15.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 333 | 11,423 | $\begin{gathered} 13.9 \% \\ {[10.3,17.4]} \end{gathered}$ | $\begin{gathered} 13.1 \% \\ {[11.0,15.3]} \end{gathered}$ |

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.

[^23]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{CI}]} \end{aligned}$ |
| Total | 2,111 | 63,630 | $\begin{gathered} 5.2 \% \\ {[3.6,6.7]} \end{gathered}$ | $\begin{gathered} 6.4 \% \\ {[5.7,7.1]} \end{gathered}$ | 2,651 | 82,680 | $\begin{gathered} 8.9 \% \\ {[7.1,10.7]} \end{gathered}$ | $\begin{gathered} 10.3 \% \\ {[9.4,11.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,572 | 47,334 | $\begin{gathered} 3.6 \% \\ {[2.3,4.9]} \end{gathered}$ | $\begin{gathered} 4.8 \% \\ {[4.1,5.6]} \end{gathered}$ | 2,106 | 67,820 | $\begin{gathered} 8.4 \% \\ {[6.8,10.1]} \end{gathered}$ | $\begin{gathered} 8.9 \% \\ {[8.1,9.8]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 165 | 7,972 | $\begin{gathered} 8.9 \% \\ {[2.7,15.1]} \end{gathered}$ | $\begin{gathered} 7.1 \% \\ {[5.6,8.6]} \end{gathered}$ | 250 | 8,103 | $\begin{gathered} 8.3 \% \\ {[3.7,12.8]} \end{gathered}$ | $\begin{gathered} 7.6 \% \\ {[5.7,9.5]} \end{gathered}$ |
| Hispanic | 145 | 2,397 | $\begin{gathered} 14.0 \% \\ {[8.5,19.5]} \end{gathered}$ | $\begin{gathered} 9.3 \% \\ {[7.8,10.8]} \end{gathered}$ | 138 | 2,365 | $\begin{gathered} 15.2 \% \\ {[10.5,20.0]} \end{gathered}$ | $\begin{gathered} 13.3 \% \\ {[10.4,16.2]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 105 | 1,580 | $\begin{gathered} 6.7 \% \\ {[2.1,11.3]} \end{gathered}$ | $\begin{gathered} 9.3 \% \\ {[6.3,12.3]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 8.7 \% \\ {[0.8,16.6]} \end{gathered}$ | $\begin{gathered} 17.5 \% \\ {[12.4,22.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,083 | 30,799 | $\begin{gathered} 4.1 \% \\ {[2.8,5.5]} \end{gathered}$ | $\begin{gathered} 5.3 \% \\ {[4.6,6.1]} \end{gathered}$ | 1,170 | 37,216 | $\begin{gathered} 6.6 \% \\ {[4.4,8.7]} \end{gathered}$ | $\begin{gathered} 7.3 \% \\ {[6.0,8.6]} \end{gathered}$ |
| Male | 1,025 | 32,541 | $\begin{gathered} 5.4 \% \\ {[3.7,7.0]} \end{gathered}$ | $\begin{gathered} 7.4 \% \\ {[6.5,8.2]} \end{gathered}$ | 1,481 | 45,464 | $\begin{gathered} 10.8 \% \\ {[8.5,13.1]} \end{gathered}$ | $\begin{gathered} 13.1 \% \\ {[12.1,14.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,037 | 61,223 | $\begin{gathered} 4.9 \% \\ {[3.4,6.3]} \end{gathered}$ | $\begin{gathered} 6.2 \% \\ {[5.6,6.9]} \end{gathered}$ | 256 | 9,198 | $\begin{gathered} 8.0 \% \\ {[3.6,12.5]} \end{gathered}$ | $\begin{gathered} 9.2 \% \\ {[7.3,11.2]} \end{gathered}$ |
| 15-17 | 73 | 2,395 | $\begin{gathered} 12.5 \% \\ {[9.0,16.0]} \end{gathered}$ | $\begin{gathered} 14.1 \% \\ {[9.4,18.8]} \end{gathered}$ | 2,078 | 63,472 | $\begin{gathered} 8.4 \% \\ {[6.9,9.9]} \end{gathered}$ | $\begin{gathered} 9.8 \% \\ {[8.9,10.7]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 315 | 9,951 | $\begin{gathered} 12.5 \% \\ {[7.1,18.0]} \end{gathered}$ | $\begin{gathered} 14.8 \% \\ {[12.6,16.9]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,129 | $\begin{gathered} 4.6 \% \\ {[2.7,6.5]} \end{gathered}$ | $\begin{gathered} 5.0 \% \\ {[4.0,5.9]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 669 | 20,541 | $\begin{gathered} 4.5 \% \\ {[1.6,7.4]} \end{gathered}$ | $\begin{gathered} 6.5 \% \\ {[5.5,7.5]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 741 | 21,961 | $\begin{gathered} 6.3 \% \\ {[4.8,7.9]} \end{gathered}$ | $\begin{gathered} 7.6 \% \\ {[6.3,9.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 460 | 16,199 | $\begin{gathered} 9.1 \% \\ {[5.4,12.8]} \end{gathered}$ | $\begin{gathered} 10.8 \% \\ {[8.9,12.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 785 | 22,814 | $\begin{gathered} 8.0 \% \\ {[5.2,10.8]} \end{gathered}$ | $\begin{gathered} 9.1 \% \\ {[7.4,10.8]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 814 | 24,014 | $\begin{gathered} 8.0 \% \\ {[5.3,10.7]} \end{gathered}$ | $\begin{gathered} 9.2 \% \\ {[7.9,10.6]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 592 | 19,653 | $\begin{gathered} 11.0 \% \\ {[7.9,14.0]} \end{gathered}$ | $\begin{gathered} 12.5 \% \\ {[10.7,14.3]} \end{gathered}$ |

[^24]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \quad \mathrm{Cl}]} \end{aligned}$ |
| Total | 2,112 | 63,352 | $\begin{gathered} 95.5 \% \\ {[94.0,97.1]} \end{gathered}$ | $\begin{gathered} 94.3 \% \\ {[93.5,95.1]} \end{gathered}$ | 2,664 | 83,158 | $\begin{gathered} 94.1 \% \\ {[92.3,96.0]} \end{gathered}$ | $\begin{gathered} 93.4 \% \\ {[92.4,94.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,571 | 47,280 | $\begin{gathered} 96.8 \% \\ {[95.5,98.1]} \end{gathered}$ | $\begin{gathered} 96.5 \% \\ {[96.1,97.0]} \end{gathered}$ | 2,115 | 68,201 | $\begin{gathered} 95.4 \% \\ {[93.7,97.2]} \end{gathered}$ | $\begin{gathered} 95.4 \% \\ {[94.6,96.2]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 166 | 7,865 | $\begin{gathered} 93.1 \% \\ {[88.0,98.2]} \end{gathered}$ | $\begin{gathered} 92.7 \% \\ {[90.7,94.6]} \end{gathered}$ | 253 | 8,177 | $\begin{gathered} 89.4 \% \\ {[86.3,92.5]} \end{gathered}$ | $\begin{gathered} 90.9 \% \\ {[88.5,93.2]} \end{gathered}$ |
| Hispanic | 147 | 2,422 | $\begin{gathered} 86.9 \% \\ {[79.3,94.5]} \end{gathered}$ | $\begin{gathered} 91.1 \% \\ {[89.2,93.0]} \end{gathered}$ | 138 | 2,355 | $\begin{gathered} 84.4 \% \\ {[76.2,92.6]} \end{gathered}$ | $\begin{gathered} 90.7 \% \\ {[88.5,92.8]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 93.5 \% \\ {[85.6,101.4]} \end{gathered}$ | $\begin{gathered} 92.3 \% \\ {[89.7,94.8]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 90.5 \% \\ {[83.7,97.3]} \end{gathered}$ | $\begin{gathered} 91.5 \% \\ {[88.3,94.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,084 | 30,769 | $\begin{gathered} 94.9 \% \\ {[92.8,96.9]} \end{gathered}$ | $\begin{gathered} 95.3 \% \\ {[94.5,96.1]} \end{gathered}$ | 1,175 | 37,410 | $\begin{gathered} 96.4 \% \\ {[95.1,97.8]} \end{gathered}$ | $\begin{gathered} 95.3 \% \\ {[94.1,96.4]} \end{gathered}$ |
| Male | 1,027 | 32,569 | $\begin{gathered} 96.2 \% \\ {[94.6,97.8]} \end{gathered}$ | $\begin{gathered} 93.4 \% \\ {[92.3,94.4]} \end{gathered}$ | 1,489 | 45,748 | $\begin{gathered} 92.3 \% \\ {[89.3,95.2]} \end{gathered}$ | $\begin{gathered} 91.7 \% \\ {[90.4,93.0]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,042 | 61,086 | $\begin{gathered} 96.1 \% \\ {[95.0,97.2]} \end{gathered}$ | $\begin{gathered} 94.6 \% \\ {[93.8,95.4]} \end{gathered}$ | 258 | 9,254 | $\begin{gathered} 95.3 \% \\ {[92.1,98.6]} \end{gathered}$ | $\begin{gathered} 91.4 \% \\ {[89.1,93.6]} \end{gathered}$ |
| 15-17 | 69 | 2,253 | $\begin{gathered} 79.4 \% \\ {[70.3,88.5]} \end{gathered}$ | $\begin{gathered} 79.5 \% \\ {[73.2,85.7]} \end{gathered}$ | 2,086 | 63,762 | $\begin{gathered} 94.3 \% \\ {[92.3,96.3]} \end{gathered}$ | $\begin{gathered} 94.1 \% \\ {[93.2,94.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 317 | 10,043 | $\begin{gathered} 92.2 \% \\ {[87.8,96.6]} \end{gathered}$ | $\begin{gathered} 92.3 \% \\ {[90.5,94.1]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 703 | 21,213 | $\begin{gathered} 96.2 \% \\ {[94.9,97.5]} \end{gathered}$ | $\begin{gathered} 95.2 \% \\ {[94.4,96.1]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 670 | 20,246 | $\begin{gathered} 96.0 \% \\ {[94.1,98.0]} \end{gathered}$ | $\begin{gathered} 94.8 \% \\ {[93.5,96.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 739 | 21,892 | $\begin{gathered} 94.4 \% \\ {[91.7,97.1]} \end{gathered}$ | $\begin{gathered} 93.0 \% \\ {[91.7,94.4]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 462 | 16,259 | $\begin{gathered} 94.8 \% \\ {[91.5,98.0]} \end{gathered}$ | $\begin{gathered} 90.8 \% \\ {[88.7,92.9]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 787 | 22,876 | $\begin{gathered} 92.2 \% \\ {[89.1,95.3]} \end{gathered}$ | $\begin{gathered} 93.1 \% \\ {[91.6,94.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 817 | 24,105 | $\begin{gathered} 94.5 \% \\ {[92.0,97.0]} \end{gathered}$ | $\begin{gathered} 95.0 \% \\ {[93.8,96.2]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 598 | 19,918 | $\begin{gathered} 95.5 \% \\ {[93.2,97.7]} \end{gathered}$ | $\begin{gathered} 94.9 \% \\ {[94.0,95.9]} \end{gathered}$ |

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.

## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo Area |  |  |  |
|  | nt | $\mathbf{N} \ddagger$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | nt | $\mathbf{N} \ddagger$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Estimate ${ }^{\ddagger}$ <br> [95\% CI] |
| Total | 2,111 | 63,527 | $\begin{gathered} 93.3 \% \\ {[90.9,95.6]} \end{gathered}$ | $\begin{gathered} 90.6 \% \\ {[89.2,91.9]} \end{gathered}$ | 2,663 | 83,070 | $\begin{gathered} 93.8 \% \\ {[91.4,96.2]} \end{gathered}$ | $\begin{gathered} 92.5 \% \\ {[90.8,94.1]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,573 | 47,345 | $\begin{gathered} 94.3 \% \\ {[92.1,96.5]} \end{gathered}$ | $\begin{gathered} 94.3 \% \\ {[93.6,95.0]} \end{gathered}$ | 2,113 | 67,999 | $\begin{gathered} 95.6 \% \\ {[94.1,97.1]} \end{gathered}$ | $\begin{gathered} 95.7 \% \\ {[95.1,96.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 164 | 7,844 | $\begin{gathered} 89.5 \% \\ {[83.5,95.5]} \end{gathered}$ | $\begin{gathered} 86.7 \% \\ {[83.7,89.8]} \end{gathered}$ | 252 | 8,191 | $\begin{gathered} 82.6 \% \\ {[79.1,86.1]} \end{gathered}$ | $\begin{gathered} 86.6 \% \\ {[83.0,90.1]} \end{gathered}$ |
| Hispanic | 146 | 2,406 | $\begin{gathered} 87.7 \% \\ {[80.1,95.3]} \end{gathered}$ | $\begin{gathered} 86.2 \% \\ {[82.7,89.6]} \end{gathered}$ | 138 | 2,363 | $\begin{gathered} 85.1 \% \\ {[77.8,92.4]} \end{gathered}$ | $\begin{gathered} 87.5 \% \\ {[83.4,91.6]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 85.5 \% \\ {[79.5,91.5]} \end{gathered}$ | $\begin{gathered} 86.7 \% \\ {[83.4,90.0]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 96.9 \% \\ {[93.9,100.0]} \end{gathered}$ | $\begin{gathered} 92.5 \% \\ {[90.0,95.0]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,084 | 30,801 | $\begin{gathered} 95.0 \% \\ {[93.0,96.9]} \end{gathered}$ | $\begin{gathered} 93.1 \% \\ {[91.8,94.3]} \end{gathered}$ | 1,176 | 37,412 | $\begin{gathered} 95.9 \% \\ {[94.3,97.5]} \end{gathered}$ | $\begin{gathered} 94.8 \% \\ {[93.1,96.6]} \end{gathered}$ |
| Male | 1,024 | 32,435 | $\begin{gathered} 91.6 \% \\ {[88.0,95.2]} \end{gathered}$ | $\begin{gathered} 88.1 \% \\ {[86.4,89.8]} \end{gathered}$ | 1,487 | 45,658 | $\begin{gathered} 92.1 \% \\ {[88.9,95.2]} \end{gathered}$ | $\begin{gathered} 90.3 \% \\ {[88.3,92.2]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,038 | 61,178 | $\begin{gathered} 93.4 \% \\ {[91.2,95.7]} \end{gathered}$ | $\begin{gathered} 90.7 \% \\ {[89.3,92.1]} \end{gathered}$ | 258 | 9,247 | $\begin{gathered} 92.5 \% \\ {[89.5,95.5]} \end{gathered}$ | $\begin{gathered} 89.7 \% \\ {[86.4,93.1]} \end{gathered}$ |
| 15-17 | 72 | 2,337 | $\begin{gathered} 88.6 \% \\ {[84.6,92.6]} \end{gathered}$ | $\begin{gathered} 85.8 \% \\ {[80.7,90.9]} \end{gathered}$ | 2,089 | 63,883 | $\begin{gathered} 94.1 \% \\ {[91.8,96.4]} \end{gathered}$ | $\begin{gathered} 93.0 \% \\ {[91.5,94.6]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 313 | 9,841 | $\begin{gathered} 93.6 \% \\ {[88.7,98.5]} \end{gathered}$ | $\begin{gathered} 92.2 \% \\ {[90.6,93.9]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 701 | 21,123 | $\begin{gathered} 92.5 \% \\ {[89.0,96.0]} \end{gathered}$ | $\begin{gathered} 89.5 \% \\ {[87.5,91.5]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 665 | 20,373 | $\begin{gathered} 92.9 \% \\ {[91.1,94.7]} \end{gathered}$ | $\begin{gathered} 90.9 \% \\ {[89.2,92.7]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 745 | 22,031 | $\begin{gathered} 94.3 \% \\ {[90.5,98.1]} \end{gathered}$ | $\begin{gathered} 91.2 \% \\ {[89.1,93.3]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 463 | 16,282 | $\begin{gathered} 92.9 \% \\ {[90.8,94.9]} \end{gathered}$ | $\begin{gathered} 89.3 \% \\ {[85.9,92.7]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 789 | 22,985 | $\begin{gathered} 92.9 \% \\ {[89.3,96.4]} \end{gathered}$ | $\begin{gathered} 91.8 \% \\ {[89.7,93.9]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 816 | 24,070 | $\begin{gathered} 93.5 \% \\ {[89.0,98.0]} \end{gathered}$ | $\begin{gathered} 93.9 \% \\ {[92.3,95.5]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 595 | 19,732 | $\begin{gathered} 96.0 \% \\ {[93.8,98.3]} \end{gathered}$ | $\begin{gathered} 95.1 \% \\ {[93.9,96.4]} \end{gathered}$ |

[^25]
## New York State Youth Tobacco Survey: 2008 Buffalo Area

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 ${ }^{\ddagger}$ $[95 \% \mathrm{CI}]$ | $\begin{aligned} & \text { Estimate }{ }^{\ddagger} \\ & \text { [95\% CI } \end{aligned}$ |
| Total | 2,087 | 62,659 | $\begin{gathered} 69.0 \% \\ {[67.3,70.7]} \end{gathered}$ | $\begin{gathered} 68.5 \% \\ {[66.8,70.1]} \end{gathered}$ | 2,646 | 82,521 | $\begin{gathered} 75.4 \% \\ {[71.9,78.9]} \end{gathered}$ | $\begin{gathered} 75.3 \% \\ {[73.3,77.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,559 | 46,909 | $\begin{gathered} 69.1 \% \\ {[67.4,70.8]} \end{gathered}$ | $\begin{gathered} 71.0 \% \\ {[69.3,72.7]} \end{gathered}$ | 2,099 | 67,508 | $\begin{gathered} 77.6 \% \\ {[74.7,80.5]} \end{gathered}$ | $\begin{gathered} 79.3 \% \\ {[78.2,80.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 161 | 7,721 | $\begin{gathered} 72.2 \% \\ {[64.1,80.2]} \end{gathered}$ | $\begin{gathered} 66.0 \% \\ {[62.3,69.7]} \end{gathered}$ | 251 | 8,154 | $\begin{gathered} 65.3 \% \\ {[59.0,71.6]} \end{gathered}$ | $\begin{gathered} 69.4 \% \\ {[64.3,74.5]} \end{gathered}$ |
| Hispanic | 146 | 2,406 | $\begin{gathered} 64.0 \% \\ {[53.0,75.0]} \end{gathered}$ | $\begin{gathered} 67.0 \% \\ {[63.5,70.6]} \end{gathered}$ | 137 | 2,353 | $\begin{gathered} 69.8 \% \\ {[57.6,82.1]} \end{gathered}$ | $\begin{gathered} 69.4 \% \\ {[65.9,73.0]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 104 | 1,583 | $\begin{gathered} 64.1 \% \\ {[54.3,74.0]} \end{gathered}$ | $\begin{gathered} 66.0 \% \\ {[63.0,69.0]} \end{gathered}$ | 97 | 2,159 | $\begin{gathered} 63.8 \% \\ {[51.2,76.4]} \end{gathered}$ | $\begin{gathered} 73.4 \% \\ {[68.6,78.3]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,076 | 30,492 | $\begin{gathered} 72.8 \% \\ {[70.0,75.7]} \end{gathered}$ | $\begin{gathered} 73.3 \% \\ {[71.8,74.8]} \end{gathered}$ | 1,173 | 37,328 | $\begin{gathered} 79.8 \% \\ {[75.7,83.9]} \end{gathered}$ | $\begin{gathered} 79.7 \% \\ {[77.4,82.0]} \end{gathered}$ |
| Male | 1,008 | 31,876 | $\begin{gathered} 65.5 \% \\ {[63.4,67.6]} \end{gathered}$ | $\begin{gathered} 63.7 \% \\ {[61.4,65.9]} \end{gathered}$ | 1,473 | 45,193 | $\begin{gathered} 71.8 \% \\ {[67.9,75.6]} \end{gathered}$ | $\begin{gathered} 71.1 \% \\ {[69.0,73.3]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,014 | 60,309 | $\begin{gathered} 69.7 \% \\ {[68.1,71.3]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[66.9,70.3]} \end{gathered}$ | 258 | 9,247 | $\begin{gathered} 79.2 \% \\ {[74.2,84.2]} \end{gathered}$ | $\begin{gathered} 73.5 \% \\ {[70.1,76.9]} \end{gathered}$ |
| 15-17 | 72 | 2,337 | $\begin{gathered} 50.7 \% \\ {[42.2,59.2]} \end{gathered}$ | $\begin{gathered} 62.0 \% \\ {[54.3,69.8]} \end{gathered}$ | 2,073 | 63,344 | $\begin{gathered} 75.3 \% \\ {[71.6,79.0]} \end{gathered}$ | $\begin{gathered} 75.9 \% \\ {[73.7,78.0]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 312 | 9,831 | $\begin{gathered} 72.6 \% \\ {[64.5,80.8]} \end{gathered}$ | $\begin{gathered} 74.6 \% \\ {[71.9,77.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 689 | 20,647 | $\begin{gathered} 64.3 \% \\ {[61.2,67.5]} \end{gathered}$ | $\begin{gathered} 63.6 \% \\ {[61.4,65.7]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 660 | 20,239 | $\begin{gathered} 67.3 \% \\ {[62.9,71.7]} \end{gathered}$ | $\begin{gathered} 68.3 \% \\ {[65.9,70.8]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 738 | 21,773 | $\begin{gathered} 75.0 \% \\ {[71.6,78.5]} \end{gathered}$ | $\begin{gathered} 73.0 \% \\ {[70.1,76.0]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 463 | 16,282 | $\begin{gathered} 75.7 \% \\ {[72.0,79.3]} \end{gathered}$ | $\begin{gathered} 72.4 \% \\ {[69.6,75.3]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 783 | 22,789 | $\begin{gathered} 71.8 \% \\ {[67.4,76.2]} \end{gathered}$ | $\begin{gathered} 73.7 \% \\ {[69.9,77.5]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 808 | 23,775 | $\begin{gathered} 78.2 \% \\ {[71.5,84.8]} \end{gathered}$ | $\begin{gathered} 77.7 \% \\ {[75.1,80.3]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 592 | 19,676 | $\begin{gathered} 76.1 \% \\ {[71.8,80.4]} \end{gathered}$ | $\begin{gathered} 77.8 \% \\ {[75.9,79.7]} \end{gathered}$ |

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## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 ${ }^{\ddagger}$ $[95 \% \mathrm{Cl}]$ |
| Total | 2,102 | 63,308 | $\begin{gathered} 52.2 \% \\ {[48.8,55.6]} \end{gathered}$ | $\begin{gathered} 54.2 \% \\ {[52.5,56.0]} \end{gathered}$ | 2,640 | 82,409 | $\begin{gathered} 62.5 \% \\ {[59.5,65.5]} \end{gathered}$ | $\begin{gathered} 65.8 \% \\ {[63.9,67.7]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,567 | 47,174 | $\begin{gathered} 53.0 \% \\ {[49.2,56.8]} \end{gathered}$ | $\begin{gathered} 56.1 \% \\ {[54.5,57.8]} \end{gathered}$ | 2,099 | 67,508 | $\begin{gathered} 64.2 \% \\ {[61.5,66.9]} \end{gathered}$ | $\begin{gathered} 67.9 \% \\ {[66.4,69.4]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 164 | 7,844 | $\begin{gathered} 50.9 \% \\ {[41.0,60.7]} \end{gathered}$ | $\begin{gathered} 55.2 \% \\ {[51.3,59.2]} \end{gathered}$ | 249 | 8,090 | $\begin{gathered} 51.6 \% \\ {[45.7,57.6]} \end{gathered}$ | $\begin{gathered} 63.1 \% \\ {[59.7,66.6]} \end{gathered}$ |
| Hispanic | 144 | 2,394 | $\begin{gathered} 46.0 \% \\ {[37.7,54.3]} \end{gathered}$ | $\begin{gathered} 51.0 \% \\ {[46.9,55.1]} \end{gathered}$ | 134 | 2,313 | $\begin{gathered} 51.2 \% \\ {[40.9,61.5]} \end{gathered}$ | $\begin{gathered} 62.2 \% \\ {[58.6,65.9]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 42.5 \% \\ {[34.8,50.2]} \end{gathered}$ | $\begin{gathered} 50.3 \% \\ {[46.4,54.2]} \end{gathered}$ | 97 | 2,159 | $\begin{gathered} 69.3 \% \\ {[58.0,80.5]} \end{gathered}$ | $\begin{gathered} 66.4 \% \\ {[63.1,69.7]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,079 | 30,686 | $\begin{gathered} 56.8 \% \\ {[52.7,61.0]} \end{gathered}$ | $\begin{gathered} 62.2 \% \\ {[60.3,64.0]} \end{gathered}$ | 1,169 | 37,101 | $\begin{gathered} 67.5 \% \\ {[63.7,71.4]} \end{gathered}$ | $\begin{gathered} 72.8 \% \\ {[70.7,74.8]} \end{gathered}$ |
| Male | 1,020 | 32,331 | $\begin{gathered} 47.4 \% \\ {[43.7,51.1]} \end{gathered}$ | $\begin{gathered} 46.4 \% \\ {[44.3,48.5]} \end{gathered}$ | 1,471 | 45,309 | $\begin{gathered} 58.3 \% \\ {[54.0,62.7]} \end{gathered}$ | $\begin{gathered} 59.1 \% \\ {[56.9,61.4]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,029 | 60,958 | $\begin{gathered} 52.6 \% \\ {[49.3,55.8]} \end{gathered}$ | $\begin{gathered} 54.4 \% \\ {[52.7,56.1]} \end{gathered}$ | 257 | 9,161 | $\begin{gathered} 57.5 \% \\ {[52.1,62.9]} \end{gathered}$ | $\begin{gathered} 60.9 \% \\ {[57.7,64.2]} \end{gathered}$ |
| 15-17 | 72 | 2,337 | $\begin{gathered} 43.0 \% \\ {[33.6,52.3]} \end{gathered}$ | $\begin{gathered} 46.0 \% \\ {[37.8,54.2]} \end{gathered}$ | 2,071 | 63,362 | $\begin{gathered} 62.8 \% \\ {[59.3,66.3]} \end{gathered}$ | $\begin{gathered} 66.2 \% \\ {[64.0,68.3]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 309 | 9,787 | $\begin{gathered} 65.0 \% \\ {[58.0,72.1]} \end{gathered}$ | $\begin{gathered} 69.4 \% \\ {[66.5,72.2]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 695 | 20,938 | $\begin{gathered} 46.9 \% \\ {[40.5,53.2]} \end{gathered}$ | $\begin{gathered} 48.6 \% \\ {[46.0,51.1]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 664 | 20,368 | $\begin{gathered} 51.5 \% \\ {[46.7,56.3]} \end{gathered}$ | $\begin{gathered} 54.7 \% \\ {[52.4,57.1]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 743 | 22,001 | $\begin{gathered} 57.9 \% \\ {[52.2,63.7]} \end{gathered}$ | $\begin{gathered} 59.0 \% \\ {[56.4,61.5]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 458 | 16,117 | $\begin{gathered} 57.2 \% \\ {[53.5,60.8]} \end{gathered}$ | $\begin{gathered} 61.2 \% \\ {[58.3,64.1]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 779 | 22,635 | $\begin{gathered} 58.5 \% \\ {[51.7,65.2]} \end{gathered}$ | $\begin{gathered} 61.9 \% \\ {[58.8,65.0]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 813 | 24,043 | $\begin{gathered} 65.6 \% \\ {[59.4,71.7]} \end{gathered}$ | $\begin{gathered} 70.0 \% \\ {[67.8,72.2]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 590 | 19,614 | $\begin{gathered} 67.6 \% \\ {[63.2,72.1]} \end{gathered}$ | $\begin{gathered} 70.8 \% \\ {[69.1,72.5]} \end{gathered}$ |

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.

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

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

|  | Middle School |  |  |  | High School |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ [95\% CI] | Buffalo Area |  |  | State |
|  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ [95\% CI] |  | $\mathbf{n}^{\dagger}$ | $\mathbf{N}^{\ddagger}$ | Estimate ${ }^{\ddagger}$ <br> [95\% CI] | $\begin{aligned} & \text { Estimate }^{\ddagger} \\ & {[95 \% \mathrm{Cl}]} \end{aligned}$ |
| Total | 2,099 | 63,130 | $\begin{gathered} 88.5 \% \\ {[85.3,91.8]} \end{gathered}$ | $\begin{gathered} 84.8 \% \\ {[83.0,86.6]} \end{gathered}$ | 2,649 | 82,483 | $\begin{gathered} 88.4 \% \\ {[85.2,91.6]} \end{gathered}$ | $\begin{gathered} 85.9 \% \\ {[83.6,88.3]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,565 | 47,141 | $\begin{gathered} 90.4 \% \\ {[87.5,93.2]} \end{gathered}$ | $\begin{gathered} 90.3 \% \\ {[89.1,91.5]} \end{gathered}$ | 2,103 | 67,529 | $\begin{gathered} 91.0 \% \\ {[88.4,93.5]} \end{gathered}$ | $\begin{gathered} 90.8 \% \\ {[89.6,91.9]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 163 | 7,700 | $\begin{gathered} 83.0 \% \\ {[78.2,87.8]} \end{gathered}$ | $\begin{gathered} 77.7 \% \\ {[73.5,81.8]} \end{gathered}$ | 249 | 8,090 | $\begin{gathered} 75.3 \% \\ {[69.8,80.9]} \end{gathered}$ | $\begin{gathered} 79.3 \% \\ {[75.8,82.7]} \end{gathered}$ |
| Hispanic | 144 | 2,394 | $\begin{gathered} 74.8 \% \\ {[62.6,87.0]} \end{gathered}$ | $\begin{gathered} 78.2 \% \\ {[74.0,82.4]} \end{gathered}$ | 137 | 2,347 | $\begin{gathered} 71.6 \% \\ {[62.3,80.8]} \end{gathered}$ | $\begin{gathered} 77.7 \% \\ {[71.9,83.4]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 78.2 \% \\ {[69.3,87.2]} \end{gathered}$ | $\begin{gathered} 80.3 \% \\ {[76.3,84.3]} \end{gathered}$ | 98 | 2,169 | $\begin{gathered} 86.7 \% \\ {[77.2,96.2]} \end{gathered}$ | $\begin{gathered} 84.5 \% \\ {[81.5,87.6]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,079 | 30,571 | $\begin{gathered} 91.1 \% \\ {[88.5,93.7]} \end{gathered}$ | $\begin{gathered} 88.4 \% \\ {[86.6,90.2]} \end{gathered}$ | 1,173 | 37,209 | $\begin{gathered} 91.8 \% \\ {[89.1,94.5]} \end{gathered}$ | $\begin{gathered} 89.7 \% \\ {[87.2,92.1]} \end{gathered}$ |
| Male | 1,017 | 32,268 | $\begin{gathered} 86.1 \% \\ {[81.3,90.8]} \end{gathered}$ | $\begin{gathered} 81.2 \% \\ {[79.0,83.5]} \end{gathered}$ | 1,476 | 45,274 | $\begin{gathered} 85.5 \% \\ {[81.1,89.9]} \end{gathered}$ | $\begin{gathered} 82.4 \% \\ {[79.7,85.1]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,026 | 60,780 | $\begin{gathered} 88.8 \% \\ {[85.7,91.9]} \end{gathered}$ | $\begin{gathered} 85.0 \% \\ {[83.2,86.9]} \end{gathered}$ | 257 | 9,161 | $\begin{gathered} 86.2 \% \\ {[81.1,91.3]} \end{gathered}$ | $\begin{gathered} 83.0 \% \\ {[79.1,86.9]} \end{gathered}$ |
| 15-17 | 72 | 2,337 | $\begin{gathered} 81.1 \% \\ {[76.9,85.2]} \end{gathered}$ | $\begin{gathered} 75.8 \% \\ {[69.1,82.5]} \end{gathered}$ | 2,079 | 63,444 | $\begin{gathered} 88.5 \% \\ {[85.1,91.9]} \end{gathered}$ | $\begin{gathered} 86.7 \% \\ {[84.5,88.9]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 311 | 9,818 | $\begin{gathered} 90.2 \% \\ {[84.9,95.4]} \end{gathered}$ | $\begin{gathered} 85.1 \% \\ {[82.5,87.7]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 694 | 20,834 | $\begin{gathered} 88.3 \% \\ {[83.0,93.6]} \end{gathered}$ | $\begin{gathered} 83.9 \% \\ {[81.2,86.6]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 662 | 20,296 | $\begin{gathered} 88.0 \% \\ {[85.1,90.8]} \end{gathered}$ | $\begin{gathered} 84.6 \% \\ {[82.1,87.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 743 | 22,000 | $\begin{gathered} 89.4 \% \\ {[85.0,93.7]} \end{gathered}$ | $\begin{gathered} 85.9 \% \\ {[83.0,88.7]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 459 | 16,116 | $\begin{gathered} 84.6 \% \\ {[80.1,89.1]} \end{gathered}$ | $\begin{gathered} 81.7 \% \\ {[77.7,85.6]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 784 | 22,736 | $\begin{gathered} 87.2 \% \\ {[81.6,92.8]} \end{gathered}$ | $\begin{gathered} 84.8 \% \\ {[82.2,87.4]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 814 | 23,986 | $\begin{gathered} 88.3 \% \\ {[81.5,95.0]} \end{gathered}$ | $\begin{gathered} 87.8 \% \\ {[84.9,90.8]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 592 | 19,645 | $\begin{gathered} 92.9 \% \\ {[90.6,95.3]} \end{gathered}$ | $\begin{gathered} 89.9 \% \\ {[88.2,91.5]} \end{gathered}$ |

[^27]
## New York State Youth Tobacco Survey: 2008 Buffalo 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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buffalo Area |  |  | State <br> Estimate ${ }^{\ddagger}$ <br> [95\% CI] | Buffalo 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 | 2,101 | 63,312 | $\begin{gathered} 69.4 \% \\ {[66.1,72.8]} \end{gathered}$ | $\begin{gathered} 65.1 \% \\ {[63.4,66.7]} \end{gathered}$ | 2,644 | 82,348 | $\begin{gathered} 75.5 \% \\ {[72.0,79.1]} \end{gathered}$ | $\begin{gathered} 70.7 \% \\ {[68.1,73.4]} \end{gathered}$ |
| Race |  |  |  |  |  |  |  |  |
| White ${ }^{\text {a }}$ | 1,567 | 47,194 | $\begin{gathered} 70.9 \% \\ {[68.1,73.8]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[66.9,70.3]} \end{gathered}$ | 2,100 | 67,464 | $\begin{gathered} 78.0 \% \\ {[75.4,80.6]} \end{gathered}$ | $\begin{gathered} 75.5 \% \\ {[74.0,77.1]} \end{gathered}$ |
| Black ${ }^{\text {a }}$ | 163 | 7,828 | $\begin{gathered} 63.5 \% \\ {[56.0,71.1]} \end{gathered}$ | $\begin{gathered} 60.0 \% \\ {[56.2,63.8]} \end{gathered}$ | 249 | 8,090 | $\begin{gathered} 60.4 \% \\ {[55.3,65.5]} \end{gathered}$ | $\begin{gathered} 61.7 \% \\ {[56.3,67.1]} \end{gathered}$ |
| Hispanic | 144 | 2,394 | $\begin{gathered} 66.1 \% \\ {[57.5,74.6]} \end{gathered}$ | $\begin{gathered} 63.5 \% \\ {[59.9,67.0]} \end{gathered}$ | 137 | 2,347 | $\begin{gathered} 64.7 \% \\ {[54.9,74.6]} \end{gathered}$ | $\begin{gathered} 66.2 \% \\ {[60.5,71.8]} \end{gathered}$ |
| Other ${ }^{\text {a }}$ | 106 | 1,608 | $\begin{gathered} 68.2 \% \\ {[58.4,78.1]} \end{gathered}$ | $\begin{gathered} 59.1 \% \\ {[55.4,62.9]} \end{gathered}$ | 96 | 2,101 | $\begin{gathered} 78.8 \% \\ {[68.3,89.2]} \end{gathered}$ | $\begin{gathered} 68.9 \% \\ {[64.9,72.9]} \end{gathered}$ |
| Gender |  |  |  |  |  |  |  |  |
| Female | 1,080 | 30,726 | $\begin{gathered} 72.3 \% \\ {[67.7,76.9]} \end{gathered}$ | $\begin{gathered} 69.5 \% \\ {[67.7,71.3]} \end{gathered}$ | 1,171 | 37,107 | $\begin{gathered} 80.1 \% \\ {[75.7,84.5]} \end{gathered}$ | $\begin{gathered} 75.0 \% \\ {[72.2,77.9]} \end{gathered}$ |
| Male | 1,018 | 32,295 | $\begin{gathered} 66.5 \% \\ {[62.2,70.8]} \end{gathered}$ | $\begin{gathered} 60.7 \% \\ {[58.5,62.9]} \end{gathered}$ | 1,473 | 45,241 | $\begin{gathered} 71.8 \% \\ {[68.0,75.6]} \end{gathered}$ | $\begin{gathered} 66.6 \% \\ {[63.6,69.6]} \end{gathered}$ |
| Age |  |  |  |  |  |  |  |  |
| 9-14 | 2,028 | 60,962 | $\begin{gathered} 69.8 \% \\ {[66.7,72.9]} \end{gathered}$ | $\begin{gathered} 65.1 \% \\ {[63.4,66.8]} \end{gathered}$ | 257 | 9,161 | $\begin{gathered} 72.6 \% \\ {[64.2,80.9]} \end{gathered}$ | $\begin{gathered} 67.9 \% \\ {[64.4,71.4]} \end{gathered}$ |
| 15-17 | 72 | 2,337 | $\begin{gathered} 59.8 \% \\ {[49.4,70.3]} \end{gathered}$ | $\begin{gathered} 65.5 \% \\ {[58.9,72.2]} \end{gathered}$ | 2,077 | 63,443 | $\begin{gathered} 76.0 \% \\ {[72.1,79.9]} \end{gathered}$ | $\begin{gathered} 71.0 \% \\ {[68.0,74.1]} \end{gathered}$ |
| 18+ | -- | -- | -- | -- | 308 | 9,684 | $\begin{gathered} 75.7 \% \\ {[70.4,80.9]} \end{gathered}$ | $\begin{gathered} 71.7 \% \\ {[69.5,73.8]} \end{gathered}$ |
| Grade |  |  |  |  |  |  |  |  |
| 6th | 697 | 21,000 | $\begin{gathered} 66.0 \% \\ {[60.8,71.3]} \end{gathered}$ | $\begin{gathered} 61.7 \% \\ {[59.2,64.2]} \end{gathered}$ | -- | -- | -- | -- |
| 7th | 663 | 20,352 | $\begin{gathered} 67.5 \% \\ {[63.0,72.1]} \end{gathered}$ | $\begin{gathered} 64.7 \% \\ {[62.4,67.0]} \end{gathered}$ | -- | -- | -- | -- |
| 8th | 741 | 21,959 | $\begin{gathered} 74.4 \% \\ {[69.0,79.8]} \end{gathered}$ | $\begin{gathered} 68.6 \% \\ {[65.7,71.5]} \end{gathered}$ | -- | -- | -- | -- |
| 9th | -- | -- | -- | -- | 458 | 16,077 | $\begin{gathered} 73.3 \% \\ {[66.7,80.0]} \end{gathered}$ | $\begin{gathered} 68.3 \% \\ {[64.5,72.0]} \end{gathered}$ |
| 10th | -- | -- | -- | -- | 784 | 22,789 | $\begin{gathered} 74.2 \% \\ {[67.6,80.8]} \end{gathered}$ | $\begin{gathered} 68.8 \% \\ {[64.9,72.7]} \end{gathered}$ |
| 11th | -- | -- | -- | -- | 813 | 23,929 | $\begin{gathered} 76.5 \% \\ {[69.2,83.7]} \end{gathered}$ | $\begin{gathered} 72.5 \% \\ {[69.2,75.7]} \end{gathered}$ |
| 12th | -- | -- | -- | -- | 589 | 19,553 | $\begin{gathered} 77.9 \% \\ {[73.9,81.9]} \end{gathered}$ | $\begin{gathered} 73.8 \% \\ {[71.1,76.6]} \end{gathered}$ |

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.

[^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.
    ${ }^{\mathrm{a}}$ 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.
    ${ }^{\ddagger}$ 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.
    ${ }^{a}$ 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.
    ${ }^{\text {a }}$ Non-Hispanic.

[^23]:    ${ }^{* *}$ Estimates are not reported if the number of respondents is less than 50.
    ${ }^{\dagger}$ Sample population.
    ${ }^{\ddagger}$ Weighted total population.
    ${ }^{a}$ Non-Hispanic.

[^24]:    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.

[^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.
    ${ }^{\text {a }}$ Non-Hispanic.

[^27]:    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.

