



Bureau of Health, Maine Department of Health and Human Services

# **Maine Cardiovascular Health Program Analysis of Youth Cardiovascular Health Questions**

## **Maine Youth Tobacco Survey/Maine Youth Drug and Alcohol Survey 2004**

**May 2005**

**Submitted to:  
Maine Cardiovascular Health Program  
Bureau of Health  
Department of Health and Human Services**



Healthy Maine Partnerships, Maine Department of Health and Human Services in collaboration with the Maine Department of Education.

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**A list of key statewide partners includes but is not limited to the following:**

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American Lung Association of Maine  
Maine Center for Public Health  
Medical Care Development  
American Cancer Society, New England Division  
American Heart Association, Maine Chapter  
Maine Cardiovascular Health Council  
Maine Coalition on Smoking or Health  
Consumers for Affordable Health Care  
Maine Network of Healthy Communities

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# Methodology

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## A Bureau of Health Collaborative Survey 2004

### *The Survey Background*

In 2003, the Maine Bureau of Health (BOH) (including the Maine Cardiovascular Health Program (MCVHP) and the Partnership For A Tobacco-Free Maine (PTM)), and the Maine Office of Substance Abuse (OSA) designed a collaborative survey approach to collect information on youth health and substance use issues. In previous years, each agency surveyed schools in separate efforts, the BOH conducted the Maine Youth Tobacco Survey (MYTS) and the OSA conducted the Maine Youth Drug and Alcohol Use Survey (MYDAUS). In 2003, the two agencies realized that they each needed to collect and report local level data from many of the same schools. Recognizing the burden on schools of completing two different surveys, the agencies joined together to create a single survey instrument, streamlining the survey process.

The Maine Cardiovascular Health Program, also interested in providing local level data to these same set of schools, joined the collaborative project to include a few questions on physical activity and nutrition behaviors.

### *The Survey Teams*

The Maine Bureau of Health (BOH) including the Maine Cardiovascular Health Program (MCVHP) and the Partnership For A Tobacco Free Maine (PTM), provided leadership and oversight on the cardiovascular health and tobacco-related portions of the survey working with their epidemiologists and evaluation team. The team members included The Gallup Organization, the lead organization for the Independent Evaluation of the MCVHP and the PTM, Market Decisions a member of the Independent Evaluation Team, the epidemiologist from the MCVHP, and Dr. Nancy Sonnenfeld of the University of New England, the Epidemiologist for the PTM. Along with the BOH team, the Office of Substance Abuse (OSA) provided oversight and guidance on the MYDAUS portion of the project. Both agencies funded Pan Atlantic Consulting (PAC), a private market research firm, to administer the survey and scan the survey responses. The Gallup Organization provided guidance on survey development, data analysis and reporting on the MYTS questions. Market Decisions provided data weighting, tabulation and reporting services on the project. Dr. Sonnenfeld created the sample design and provided guidance on survey development on tobacco questions, survey participation and data weighting issues.

## **Survey Administration**

The MYTS/MYDAUS was administered to participating schools in February 2004. The schools were asked to include all students within their school, in a census fashion. (A completed description of the survey methodology appears in Appendix A of this report.). There were 77,231 completed surveys in the 2004 MYTS/MYDAUS, representing 65.0% of the 118,720 total eligible students in Maine. These students were from 342 of Maine's 427 eligible public schools; this resulted in a school response rate of 80%. The school response rates ranged from a low of 60.0% in Sagadahoc County to a high of 100.0% in Piscataquis County. Altogether, 77,321 of the 101,762 total students in the participating schools returned questionnaires, representing a student response level of 77%. The overall response rate for the 2004 MYTS/MYDAUS was 62.0%.

## **Survey and Data Limitations**

There are several limitations associated with the MYTS/MYDAUS survey. These limitations are based on the data, agency staff experience and anecdotal evidence provided by some in-school personnel who took the time to provide feedback.

First, survey participation is limited due to its exclusive focus on adolescents in school. With this focus, some adolescent sub-populations, such as school dropouts and homeless and runaway youths, will be missed or undercounted.

Second, there is considerable drop off in the number of responses in the last section of the survey. While more than 71,000 participated in the survey, by question number 102, there are only 65,000 or so students providing responses. This may be due to survey fatigue, limited time or other reasons.

Third, the inconsistencies in response scales may have introduced confusion or may bias responses. PTM uses experiential and agree/disagree response scales, OSA uses value assessments such as "how wrong" or "how false."

Other survey questionnaire sources of bias are introduced by combining two surveys including question order bias, length, tone, strategies for questioning, content, etc.

# MYTS Cardiovascular Health Component

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## Component Highlights

- ◆ Thirty-nine percent of Maine students reported that they watch more than 2 hours of television per day.
- ◆ Six percent of middle school and 9% of high school students do not watch television.
- ◆ Males reported watching more television than females, with 35% of females and 43% of males indicating that they watched more than 2 hours of television per day.
- ◆ Students in middle school watch more television than those in high school. Forty-four percent of 6th graders, 46% of 7th graders and 45% of 8th graders watch more than 2 hours of television per day. This compares to 40% of 9th graders, 37% of 10th graders, 31% of 11th graders and only 29% of 12th graders.
- ◆ Forty percent of those with only one parent living in their household watch more than 2 hours of television per day compared to 37% of students living with 2 parents.
- ◆ Fifty-three percent of students with a mother who had less than a high school education watched more than 2 hours of television per day. This compares to 43% of students whose mother had some high school education, 41% with a high school education, 38% with some college, 33% with a college education, and 29% of students whose mother had a graduate or professional degree
- ◆ Approximately one out of every five middle school and high school students reported that they drink two cans of soda or more per day.
- ◆ Male students reported drinking significantly more soda than did female students. Twenty-five percent of the males surveyed indicated that they drink 2 cans of soda or more per day, compared to only 15% of females
- ◆ Fifty percent of current smokers stated that they drink a can of soda per day or more, while only 29% of non-smokers said the same.
- ◆ Forty-seven percent of students with a mother who had a high school education or less stated that they drink one can of soda per day or more. This compares to 45% of students whose mother had some high school education, 37% with a high school education, 31% with some college, 26% with a college education, and 24% of students whose mother had a graduate or professional degree.
- ◆ Survey results suggest that there is a correlation between students watching television and drinking soda. Sixty percent of students who drink 2 or more cans of soda per day reported that they watch 2 or more hours of television per day. This compares to only 29% of students who drink 1 can of soda per week and 23% of those who do not drink soda at all.

## Introduction

The percentage of children and adolescents in the United States who are overweight is increasing at an alarming rate. Results from the 1999-2002 National Health and Nutrition Examination Survey (NHANES) indicate that approximately 16% of youth age 6-19 are overweight<sup>1</sup>. This statistic represents a 45% increase in weight estimates from the preceding NHANES, where 11% of youth were reported to be overweight during the years of 1988-1994. These findings are similar to those of the 2003 Youth Risk Behavior Survey (YRBS), which found that 14% of high school students are overweight, with another 15% at risk for becoming overweight<sup>2</sup>. The Maine 2003 YRBS results indicate that 13% of high school students in Maine are overweight and 15% are at risk for becoming overweight in the future.

Children and adolescents who are overweight are at risk for becoming overweight or obese in adulthood. Obesity is associated with over 30 medical conditions, including hypertension, type 2 diabetes, cardiovascular disease, stroke, various cancers, osteoarthritis, and infertility<sup>3</sup>. As the prevalence of obesity in the United States increases, the monetary and social costs associated with these conditions also continue to rise. About 7% of all U.S. health care costs are obesity-related, with an annual sum of \$51 billion, while another \$30 to \$40 billion is spent on weight-loss assistance<sup>4</sup>. With obesity surpassing smoking as the leading preventable cause of death - approximately 300,000 deaths per year in the United States can be attributed to obesity - it is paramount that today's youth receive the guidance and resources they need to help make healthy lifestyle choices early on, and to avoid becoming overweight or obese<sup>5</sup>.

Healthy lifestyle habits, including good nutrition, adequate physical activity and limited sedentary activities, can help children and adolescents avoid becoming overweight. Unfortunately, it appears that today's youth are getting less exercise, eating less healthy and becoming more sedentary than ever. As children's body weights have risen, so has their consumption of fast foods and soft drinks. Between 1977 and 1996, the amount of food that children consumed from restaurants and fast food chains increased by almost 300%<sup>6</sup>. Additionally, children's soft drink consumption has also increased during those years, adding significant sugar and calories to young consumer's diets.

This dramatic shift toward unhealthy eating habits among children, combined with their tendency toward sedentary behavior creates a situation that is cause for alarm. Television viewing among children is positively associated with childhood obesity<sup>7</sup>. Not only do children expend less energy while sitting in front of the television, many youth eat unhealthy foods during television viewing while also being exposed to advertising that promotes fast food, soft drinks and other junk foods that are geared toward children and adolescents. According to YRBSS

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<sup>1</sup> US Centers for Disease Control, [www.cdc.gov](http://www.cdc.gov)

<sup>2</sup> US Centers for Disease Control, [www.cdc.gov](http://www.cdc.gov)

<sup>3</sup> American Obesity Association, [www.obesity.org](http://www.obesity.org)

<sup>4</sup> American Academy of Family Physicians, [www.aafp.org](http://www.aafp.org)

<sup>5</sup> American Academy of Family Physicians, [www.aafp.org](http://www.aafp.org)

<sup>6</sup> St-Onge MP, Keller KL, et al. "Changes in childhood food consumption patterns: a cause for concern in light of increasing body weights. *Am J Clin Nutr.* 2003 Dec; 78(6):1068-73.

<sup>7</sup> Matheson DM, Killen JD, et al. "Children's food consumption during television viewing." *Am J Clin Nutr.* 2004 Jun;79(6): 1088-94.

estimates, 38.2% of youth in grades 9-12 watched 3 or more hours of television on an average school day, and there was no change in these viewing habits between 2001 and 2003.

The 2004 Maine Youth Drug and Alcohol Use Survey/Youth Tobacco Survey (MYDAUS/YTS) included a cardiovascular health component, which asked questions about television viewing and soda consumption habits. This information was collected to acquire a better understanding of these habits among Maine youth and to guide interventions that can help them make healthier choices. These interventions will ultimately aim to reduce the prevalence of obesity and the negative health consequences associated with obesity among children and adolescents in Maine.

## **Television Viewing Habits**

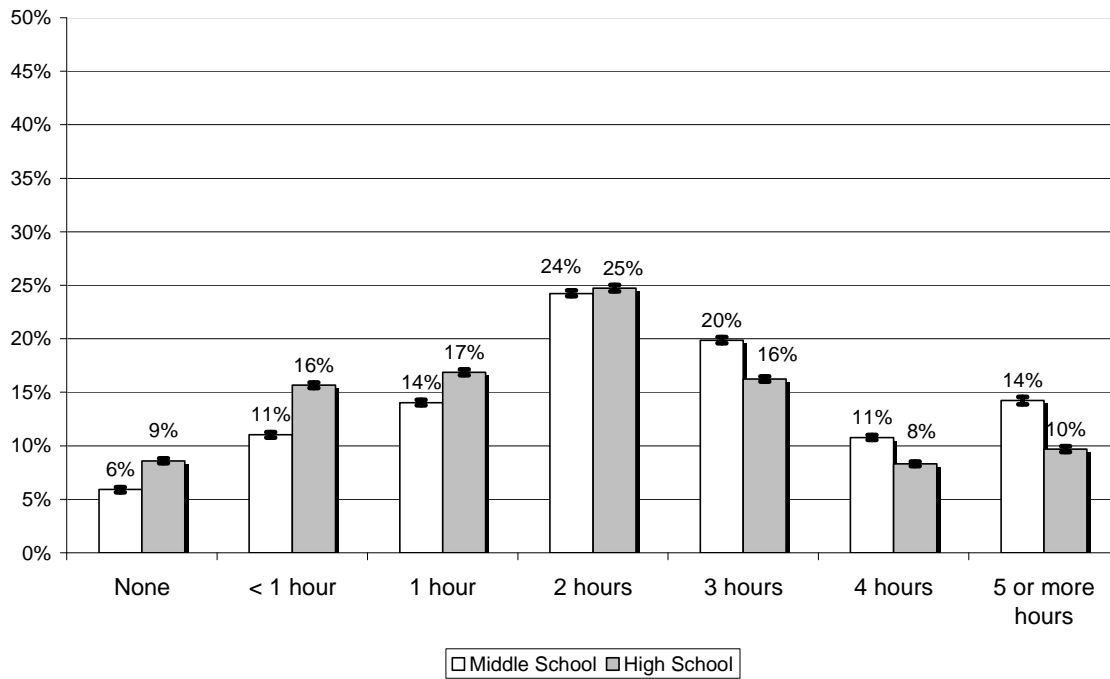
Overall, 39% of Maine students reported that they watched more than 2 hours of television per day (Table 1). Only 6% of middle school students and 9% of high school students said that they watched no television (Figure 1). Fourteen percent of middle school students and 10% of high school students indicated that they watched 5 or more hours of television per day. When examined by gender, females generally appear to watch less television. Only 8% of females reported watching 5 hours of television or more per day, compared with 15% of male students (Figure 2). Twenty-six percent of females and 23% of males watched 2 hours per day, while 8% of females and 7% of males reported that they do not watch any television.

As can be seen in Table 1, as youth get older, they watch less television. Forty-four percent of 6th graders, 46% of 7th graders and 45% of 8th graders watched more than 2 hours of television per day. This compares to 40% of 9th graders, 37% of 10th graders, 31% of 11th graders and only 29% of 12th graders. By region, students in Region 1 were less likely to watch more than 2 hours of television per day (37%) than students in Region 2 (39%), Region 3 (41%), Region 4 (40%), and Region 5 (40%). Students in HMP schools were less likely to watch more than two hours of television per day (37%) than those in non-HMP schools (39%). Television viewing habits were also different when examined by smoking status, as 40% of current smokers reported that they watch more than 2 hours of television per day, compared to 38% of those who did not currently smoke.

The television viewing habits differ between students that live in a two-parent household versus a single-parent household. Forty percent of those with only one parent living in their household watched more than 2 hours of television per day compared to 37% of students living with 2 parents. Additionally, the education level of a student's mother plays a large and significant role in the amount of television students watched. Fifty-three percent of students with a mother who had less than a high school education watched more than 2 hours of television per day. This compares to 43% of those with some high school education, 41% with a high school education, 38% with some college, 33% with a college education, and 29% of students whose mother has a graduate or professional degree (Table 1).

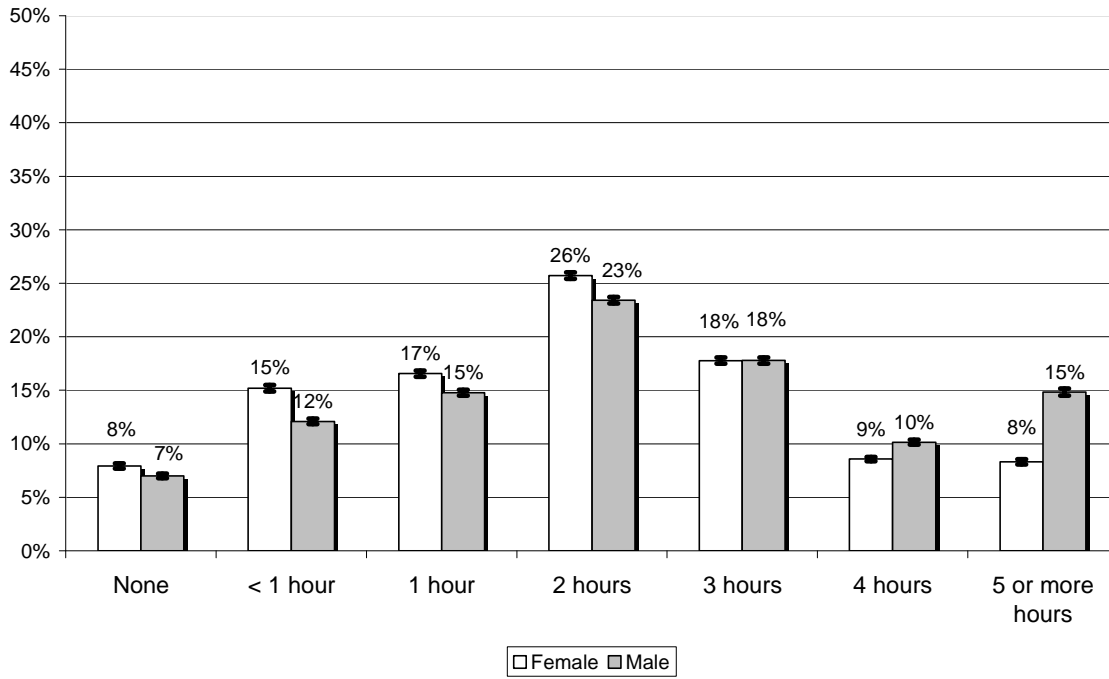
**Figure 1. Hours of Daily Television Viewing by School Level, Maine 2004**

**Q44. Hours of television watched per day by school level**



**Figure 2. Hours of Daily Television Viewing by Gender, Maine 2004**

**Q44. Hours of television watched per day by gender**



**Table 1. Television Viewing Times (< 2 hours versus 2 hours or more) by Grade, Region, HMP Status, Smoking Status and Number of Parents in Household, Maine 2004**

|  | 2 hours or less |        | More than 2 hours |        |
|--|-----------------|--------|-------------------|--------|
|  | %               | CI +/- | %                 | CI +/- |
| <b>TOTAL</b>                                       | 61.3%           | 0.4%   | 38.7%             | 0.4%   |
| <b>GENDER</b>                                      |                 |        |                   |        |
| Female   | 65.4%           | 0.5%   | 34.6%             | 0.5%   |
| Male   | 57.2%           | 0.5%   | 42.8%             | 0.5%   |
| <b>GRADE</b>                                       |                 |        |                   |        |
| 6th  | 56.4%           | 0.9%   | 43.6%             | 0.9%   |
| 7th  | 54.1%           | 0.8%   | 45.9%             | 0.8%   |
| 8th  | 55.0%           | 0.7%   | 45.0%             | 0.7%   |
| 9th  | 60.4%           | 0.7%   | 39.6%             | 0.7%   |
| 10th   | 63.1%           | 0.7%   | 36.9%             | 0.7%   |
| 11th   | 69.5%           | 0.7%   | 30.5%             | 0.7%   |
| 12th   | 71.0%           | 0.8%   | 29.0%             | 0.8%   |
| <b>REGION<br/>(County Names)</b>                   |                 |        |                   |        |
| Region 1<br>(York/Cumberland)                      | 63.1%           | 0.9%   | 36.9%             | 0.9%   |
| Region 2<br>(Sagadahoc/Lincoln/Knox)               | 60.6%           | 1.6%   | 39.4%             | 1.6%   |
| Region 3<br>(Aroostook/Washington)                 | 59.4%           | 1.0%   | 40.6%             | 1.0%   |
| Region 4<br>(Kennebec/Androscoggin)                | 59.8%           | 1.0%   | 40.2%             | 1.0%   |
| Region 5<br>(Penobscot/Waldo/Hancock)              | 60.1%           | 1.1%   | 39.9%             | 1.1%   |
| Region 6<br>(Piscataquis/Somerset/Oxford/Franklin) | 61.4%           | 1.0%   | 38.6%             | 1.0%   |
| <b>HMP STATUS</b>                                  |                 |        |                   |        |
| HMP School   | 63.1%           | 0.9%   | 36.9%             | 0.9%   |
| Non-HMP School                                     | 60.6%           | 1.6%   | 39.4%             | 1.6%   |
| <b>SMOKING STATUS</b>                              |                 |        |                   |        |
| Non-smoker   | 61.9%           | 0.5%   | 38.1%             | 0.5%   |
| Current smoker                                     | 59.7%           | 0.7%   | 40.3%             | 0.7%   |
| <b>PARENTS</b>                                     |                 |        |                   |        |
| 2 parent household                                 | 63.5%           | 0.5%   | 36.5%             | 0.5%   |
| 1 parent household                                 | 59.7%           | 0.5%   | 40.3%             | 0.5%   |
| <b>MOTHER'S EDUCATION</b>                          |                 |        |                   |        |
| Completed grade school or less                     | 47.5%           | 1.7%   | 52.5%             | 1.7%   |
| Some high school                                   | 56.6%           | 1.1%   | 43.4%             | 1.1%   |
| Completed high school                              | 59.4%           | 0.6%   | 40.6%             | 0.6%   |
| Some college                                       | 62.4%           | 0.8%   | 37.6%             | 0.8%   |
| Completed college                                  | 67.2%           | 0.6%   | 32.8%             | 0.6%   |
| Graduate or professional school<br>after college   | 71.0%           | 0.7%   | 29.0%             | 0.7%   |

## Soda Consumption

### *Two or More Cans Per Day*

Approximately one out of every five middle school and high school students reported that they drink two cans of soda or more per day (Figure 3). One-quarter of both middle and high school students drink 2-6 cans of soda per week, while only 6% of those in middle school and 9% in high school do not drink soda. Male students reported drinking significantly more soda than did female students. Twenty-five percent of the males indicated that they drink 2 cans of soda or more per day, compared to only 15% of females (Figure 4). Twenty-six percent of males and 23% of females reported drinking 2-6 cans of soda per week and more females (9%) than males (6%) reported that they do not drink soda.

### *One or More Cans Per Day*

Survey results indicate that soda consumption increases as middle school students get older, with 28% of 6th graders, 30% of 7th graders and 34% of 8th graders reporting that they drink one can of soda per day or more (Table 2). Once students reach high school however, these rates seem to level off, with 35% of 9th and 10th graders and 33% of 11th and 12th graders stating that they drink one can of soda per day or more. By region, it appears that students in Region 3 (39%) are more likely to drink one can of soda or more per day than the other regions (Table 2). Also, students that reside in Region 1 (30%) were more likely to drink less than one can per week.

### *Family Structure, Parent Education Levels and Soda Consumption*

Both the structure of a student's family and the education level of a student's mother significantly affected the amount of soda consumed. Twenty-nine percent of students that lived in a two-parent household said they drink one or more cans of soda per day compared to 35% of students living with only one parent. Forty-seven percent of students with a mother who had a high school education or less stated that they drink one can of soda per day or more. This compares to 45% of those with some high school education, 37% with a high school education, 31% with some college, 26% with a college education, and 24% of students whose mother had a graduate or professional degree.

### *Smokers and Soda Consumption*

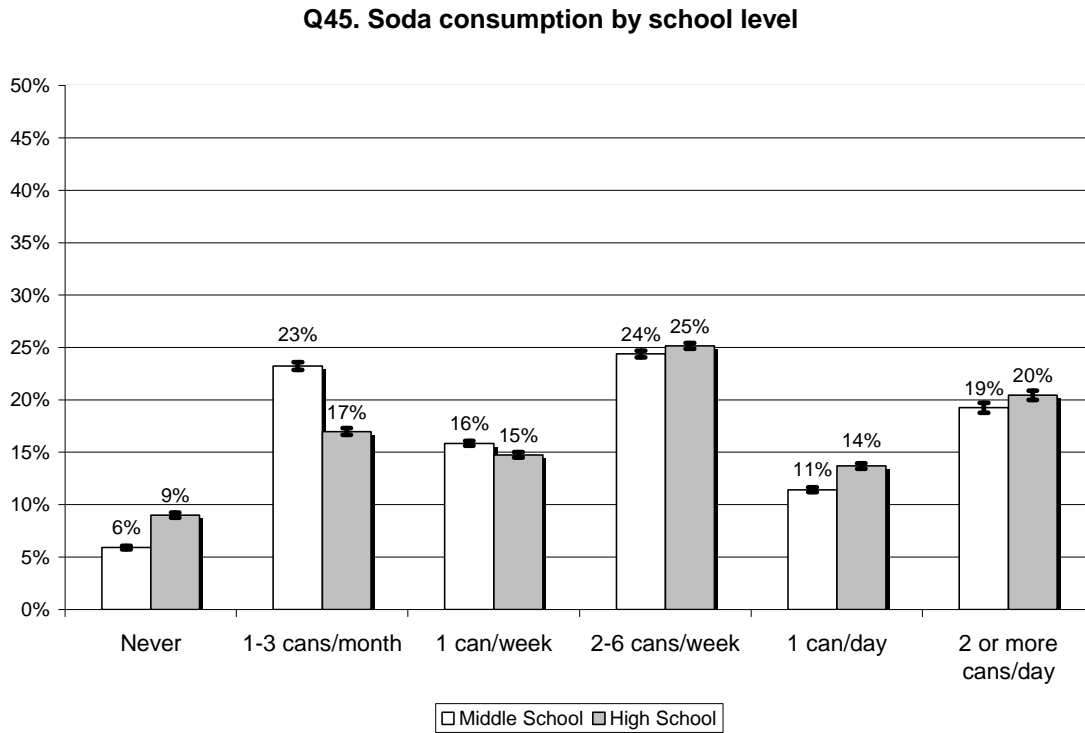
Students classified as current smokers were much more likely than non-smokers to drink one can of soda per day or more. Fifty percent of current smokers indicated they drink one can of soda per day or more, while only 29% of non-smokers said the same. This finding parallels recent research on adolescent smoking, which found that youth who adopt a healthy lifestyle in one aspect of their lives (such as not smoking), also tend to be healthier in other aspects of their lives.

### *TV Viewing and Soda Consumption*

It is interesting to note the strong correlation between the amount of television that students watch per day and their daily soda consumption. As can be seen in Table 3, students who reported watching more television were likely to report drinking more cans of soda than students who watched fewer hours of television. Sixty percent of students who drink 2 or more cans of soda per day reported that they watch 2 or more hours of television per day. This compares to only 29% of students who drink 1 can of soda per week and 23% of those who do not drink soda at all. These data indicate that the students who are consuming the most soda are also the ones

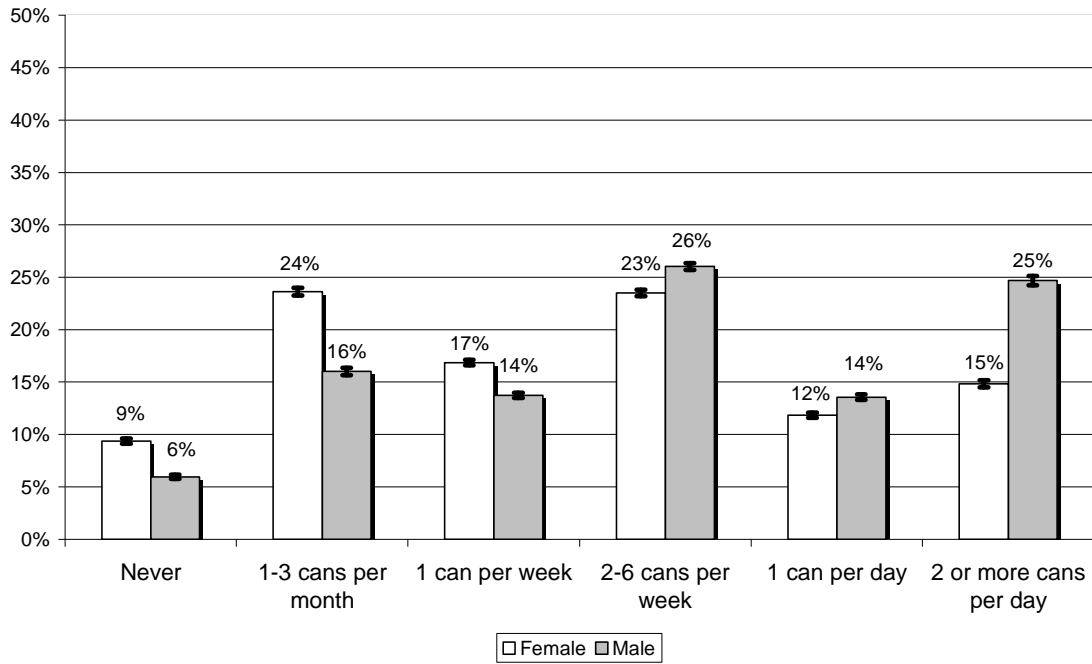
most likely to be sitting in front of the television for hours at a time, putting them at greater risk for becoming overweight or obese and developing the adverse health effects associated with it.

**Figure 3. Cans of Soda Consumed by School Level, Maine 2004**



**Figure 4. Cans of Soda Consumed by Gender, Maine 2004**

**Q45. Soda consumption by gender**



**Table 2. Cans of Soda Consumed (< 1 can/week, < 1 can/day, 1 can/day or more) by Grade, Region, HMP Status, Smoking Status and Number of Parents in Household, Maine 2004**

|  | < 1 can/week |        | < 1 can/day |        | 1 can/day or more |        |
|--|--------------|--------|-------------|--------|-------------------|--------|
|  | %            | CI +/- | %           | CI +/- | %                 | CI +/- |
| <b>TOTAL</b>                                       | 27.3%        | 0.3%   | 40.0%       | 0.3%   | 32.7%             | 0.4%   |
| <b>GENDER</b>                                      |              |        |             |        |                   |        |
| Female   | 33.0%        | 0.5%   | 40.3%       | 0.4%   | 26.7%             | 0.4%   |
| Male   | 22.0%        | 0.4%   | 39.8%       | 0.4%   | 38.2%             | 0.5%   |
| <b>GRADE</b>                                       |              |        |             |        |                   |        |
| 6th  | 33.5%        | 0.7%   | 39.0%       | 0.5%   | 27.5%             | 0.8%   |
| 7th  | 28.9%        | 0.6%   | 40.8%       | 0.6%   | 30.4%             | 0.7%   |
| 8th  | 25.2%        | 0.6%   | 40.8%       | 0.6%   | 34.0%             | 0.8%   |
| 9th  | 23.7%        | 0.6%   | 41.0%       | 0.6%   | 35.3%             | 0.7%   |
| 10th   | 25.3%        | 0.7%   | 40.0%       | 0.7%   | 34.7%             | 0.8%   |
| 11th   | 26.9%        | 0.7%   | 39.9%       | 0.7%   | 33.2%             | 0.8%   |
| 12th   | 28.3%        | 0.8%   | 38.6%       | 0.8%   | 33.2%             | 0.9%   |
| <b>REGION<br/>(County Names)</b>                   |              |        |             |        |                   |        |
| Region 1<br>(York/Cumberland)                      | 29.8%        | 0.5%   | 41.5%       | 0.4%   | 28.7%             | 0.7%   |
| Region 2<br>(Sagadahoc/Lincoln/Knox)               | 26.3%        | 1.3%   | 40.2%       | 0.9%   | 33.5%             | 1.3%   |
| Region 3<br>(Aroostook/Washington)                 | 23.4%        | 0.8%   | 37.7%       | 0.8%   | 39.0%             | 1.1%   |
| Region 4<br>(Kennebec/Androscoggin)                | 28.4%        | 0.8%   | 39.0%       | 0.7%   | 32.6%             | 0.9%   |
| Region 5<br>(Penobscot/Waldo/Hancock)              | 25.0%        | 0.8%   | 39.8%       | 0.6%   | 35.2%             | 1.0%   |
| Region 6<br>(Piscataquis/Somerset/Oxford/Franklin) | 26.4%        | 0.6%   | 39.3%       | 0.5%   | 34.3%             | 0.6%   |
| <b>HMP STATUS</b>                                  |              |        |             |        |                   |        |
| HMP School   | 26.9%        | 0.4%   | 39.7%       | 0.3%   | 33.4%             | 0.5%   |
| Non-HMP School                                     | 27.7%        | 0.5%   | 40.3%       | 0.4%   | 32.0%             | 0.7%   |
| <b>SMOKING STATUS</b>                              |              |        |             |        |                   |        |
| Non-Smoker   | 29.5%        | 0.4%   | 41.4%       | 0.3%   | 29.1%             | 0.4%   |
| Current Smoker                                     | 17.1%        | 0.5%   | 33.4%       | 0.6%   | 49.6%             | 0.7%   |
| <b>PARENTS</b>                                     |              |        |             |        |                   |        |
| 2 parent household                                 | 29.2%        | 0.4%   | 41.3%       | 0.3%   | 29.4%             | 0.5%   |
| 1 parent household                                 | 25.3%        | 0.4%   | 39.4%       | 0.4%   | 35.3%             | 0.5%   |
| <b>MOTHER'S EDUCATION</b>                          |              |        |             |        |                   |        |
| Completed grade school or less                     | 22.3%        | 1.3%   | 30.3%       | 1.6%   | 47.4%             | 1.7%   |
| Some high school                                   | 20.2%        | 0.9%   | 34.9%       | 1.1%   | 44.8%             | 1.2%   |
| Completed high school                              | 23.1%        | 0.4%   | 39.5%       | 0.5%   | 37.4%             | 0.6%   |
| Some college                                       | 26.6%        | 0.6%   | 42.2%       | 0.7%   | 31.1%             | 0.7%   |
| Completed college                                  | 30.8%        | 0.5%   | 43.4%       | 0.5%   | 25.8%             | 0.5%   |
| Graduate or professional school<br>after college   | 35.2%        | 0.8%   | 41.0%       | 0.7%   | 23.7%             | 0.8%   |

**Table 3. Hours of Television Viewed by Number of Cans of Soda Consumed, Maine 2004**

|                        | 2 hours or less |        | More than 2 hours |        |
|------------------------|-----------------|--------|-------------------|--------|
|                        | %               | CI +/- | %                 | CI +/- |
| Never                  | 76.7%           | 0.8%   | 23.3%             | 0.8%   |
| 1-3 cans per month     | 71.6%           | 0.6%   | 28.4%             | 0.6%   |
| 1 can per week         | 71.5%           | 0.6%   | 28.5%             | 0.6%   |
| 2-6 cans per week      | 60.7%           | 0.6%   | 39.3%             | 0.6%   |
| 1 can per day          | 58.2%           | 0.7%   | 41.8%             | 0.7%   |
| 2 or more cans per day | 40.4%           | 0.7%   | 59.6%             | 0.7%   |

## Appendix A – Survey Methodology

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### The Survey Questionnaire

The 2004 MYTS/MYDAUS questionnaire was developed through a series of meetings with the survey team. The overall goal of the survey was to include key questions from each agency’s survey instrument while maintaining the integrity of the original survey questions and keeping the survey a reasonable length. Please see Appendix A for a copy of the 2004 MYTS/MYDAUS.

In 2004, a special section was added including questions to assess youth behaviors that impact their cardiovascular health. Specifically, questions were included to understand youth soda consumption and TV viewing.

The core MYTS questions related to tobacco covered the following domains in the 2004 survey:

1. Lifetime experience using tobacco including quitting attempts
2. Beliefs, knowledge and attitudes about using tobacco
3. Access to cigarettes
4. Exposure to tobacco-related media messages
5. Exposure to secondhand smoke, including family smoking status

The MYDAUS questions covered the following domains:

1. Lifetime experience using a range of illegal substances, tobacco and alcohol
2. Personal values and perceptions of family and community values about using those substances
3. Involvement of family and community.

The questions addressing tobacco use were put into the same section in the survey to keep similar topics together. However, the two agency approaches to questioning were very different. The MCVHP and PTM followed the CDC methods of asking questions about experience, using agree/disagree scales to probe on youth beliefs and attitudes. The OSA followed a method created by SDRG of the University of Washington asking about values, using a “how wrong” scale<sup>8</sup> to probe on youth, family and community beliefs.

### Sampling

The study population for the 2004 MYTS/MYDAUS is Maine youth in grades 6 through 12. Every school in Maine that included at least one of these grades was eligible to participate in the survey. Just as in the area of questionnaire design, the state agencies worked together to create a common set of goals for survey administration. They are as follows:

1. Include all of the local intervention sites for the MCVHP, PTM and OSA local grantees (MCVHP, PTM goal and OSA goal)
2. Provide reliable county-level estimates (OSA goal)

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<sup>8</sup> How wrong is it to “...” Very wrong, sort of wrong, not very wrong and not wrong at all.

3. Provide reliable state-level estimates (MCVHP, PTM goal)
4. Allow all schools the opportunity to participate (OSA goal)

In order to meet the four stated goals for data collection and reporting a database was developed to track all of the required schools. Once these were identified, the remaining eligible schools were divided into three groups to comprise a sample frame for the study. These three groups included a Middle School Sample group (schools with any grades 6-8), a High School Sample group (schools with any grades 9 – 12), a Middle and High School sample group (including those schools that have grades that span both middle and high school designations). Once the sample frame was identified, Dr. Sonnenfeld randomly selected a sample of schools from each group. The schools included in the sample were assigned to each sampling group in the database, the remaining schools, those not required and those not selected for the sample, were designated as “volunteer schools”. Every eligible school in Maine belonged to one of five strata for sampling. These are as follows:

1. “Required” – that is, participation in the MYTS/MYDAUS was a requirement of a school’s OSA or PTM grant,
2. “Middle School Sample” – these schools were not required to take the survey, but were selected as part of a random sample of non-required middle schools,
3. “High School Sample” – these schools were not required to take the survey, but were selected as part of a random sample of non-required high schools,
4. “Middle School and High School sample” – these schools, spanning middle and high school grade levels, were not required to take the survey, but were selected as part of both the middle school random samples and high school random samples,
5. “Volunteer” – these schools were not required to take the survey nor were they selected as part of either random sample, but took the survey anyway.

To simplify the survey administration, every student from each participating school was asked to take the survey. Where schools felt it was too burdensome for all of their eligible students to take the survey, a sample approach was offered.

## **Survey Administration**

### ***School Recruitment Procedures***

A recruitment letter was sent to all school superintendents in August of 2003 from the BOH and the OSA. The recruitment letter briefly described the purpose of the survey and asked that superintendents include MYTS/MYDAUS in their 2003-2004 school year survey schedule. A subsequent letter was sent in the Fall of 2003 by PAC. This letter reintroduced the project and encouraged participation. It also contained a very brief description of the survey and its content. A letter of intent form was enclosed with the recruitment letter and superintendents were asked to fax it back and confirm participation. In addition to the letter, the staff at PAC contacted superintendents via fax to encourage participation. Superintendents who wanted the school(s) in their district to participate in the survey completed the form and faxed it back to PAC. On the form, superintendents included contact information and schools in their system that serves any grades 6 through 12. The staff at PAC then contacted each individual school by phone to coordinate their participation in the survey. As follow-up for the required and sample schools

that did not respond in early communications, PAC and the HMP Senior Program Manager contacted the PTM required schools and the sample schools to encourage participation.

### ***Participation***

Participating schools were required to send an informational letter to parents via the U.S. mail two weeks prior to survey administration. The letter conveyed the purpose and importance of the survey and encouraged participation. It also explained that the survey was anonymous, participation was voluntary, and results would only be presented in group-summary form. The letter informed parents that a copy of the survey instrument was on file at their child's school if they wished to review it. Parents who wished to decline their child's participation were asked to notify the school. Any student whose parent letter was returned undeliverable was not surveyed. Students whose parents did not give them permission to participate in the survey and/or those that did not wish to participate in the survey were asked to sit quietly at their desks with an alternate activity during survey administration. Due to voluntary non-participation and absenteeism, the average attrition rate was approximately 23% for passive consent in 2004.

### ***Procedure***

Participating schools administered the survey during the week of February 11-15, 2004. School staff members were trained how to administer the survey themselves. This was done primarily through group training sessions throughout the state. Considerable precautions were taken to protect the anonymity of individual students in order to increase the likelihood of valid responses. First, student consent was required; that is, youths were asked to participate in the survey, informed of the confidentiality of their responses, and informed that their response was voluntary (i.e., they could refuse to answer any questions that they did not want to answer). Second, Teachers were asked to remain seated during the administration of the survey. Third, students were asked to insert their completed questionnaires in a large envelope as it was passed around the room at the end of the survey period, and the last student sealed the envelope before handing it back to the teacher. Participating schools were asked to include their entire school population in the survey – regardless of school size. In a few instances, however, a random sample of students participated in the survey. After completed questionnaires were returned to PAC in Portland, Maine, the surveys were batched, scanned, and edited. The data were then provided to Market Decisions for weighting and analysis. Once the data were weighted, Market Decisions, working closely with the PTM, conducted consistency checks on the PTM questions to eliminate inconsistencies with responses.

## Response Rates

For the 2004 MYTS/MYDAUS there were 77,231 completed surveys, representing 65.0% of the 118,720 total eligible students in Maine. These students were from 342 of Maine's 427 eligible public schools; this resulted in a school response rate of 80%. The school response rates ranged from a low of 60.0% in Sagadahoc County to a high of 100.0% in Piscataquis County. Altogether, 77,321 of the 101,762 total students in the participating schools returned questionnaires, representing a student response level of 77%. The overall response rate for the 2004 MYTS/MYDAUS, taking into consideration both the school and student response rate (in all participating schools, regardless of strata), was 62.0% (school response rate x student response rate;  $80\% \times 77\% = 61\%$ ). See tables below.

| <b>Response Rate by Strata</b> |                       |   |                      |   |                       |
|--------------------------------|-----------------------|---|----------------------|---|-----------------------|
|                                | Student Response Rate |   | School Response Rate |   | Overall Response Rate |
| Required                       | 78%                   | * | 92%                  | = | 72%                   |
| HS Sample                      | 73%                   | * | 79%                  | = | 58%                   |
| MS Sample                      | 77%                   | * | 66%                  | = | 51%                   |
| MS/HS Sample                   | 80%                   | * | 50%                  | = | 40%                   |

| <b>Response Rates by Grade</b> |                       |   |                      |   |                       |
|--------------------------------|-----------------------|---|----------------------|---|-----------------------|
|                                | Student Response Rate |   | School Response Rate |   | Overall Response Rate |
| 6th                            | 85%                   | * | 79%                  | = | 67%                   |
| 7th                            | 82%                   | * | 80%                  | = | 66%                   |
| 8th                            | 82%                   | * | 79%                  | = | 64%                   |
| Middle School                  | 83%                   | * | 79%                  | = | 66%                   |
| 9th                            | 77%                   | * | 82%                  | = | 63%                   |
| 10th                           | 73%                   | * | 80%                  | = | 59%                   |
| 11th                           | 69%                   | * | 81%                  | = | 56%                   |
| 12th                           | 62%                   | * | 81%                  | = | 50%                   |
| High School                    | 71%                   | * | 80%                  | = | 57%                   |
| Total                          | 77%                   | * | 80%                  | = | 61%                   |

## Data Weighting

The weighting approach applied to the 2004 MYTS/MYDAUS data set was designed to take into account the sampling methodology used during the course of data collection. The final weights include probabilistic, school and student non-response, and school and geographic post-stratification adjustments. Analysis of the data using these weights allow results to be generalized to the study population; be it a school or another unit that involves more than one school. The weighting process is followed sequentially, adjusting the base sample weights by

stages to arrive at the final weights. For a full and detailed description of the weighting process, please see the technical documentation.

## Survey Precision

A summary of survey precision for the state and each grade is presented below. The precision estimates include the impact of the survey design effects of the sampling methodology. Design effects estimates were obtained through SUDAAN<sup>9</sup>. The precision estimates were calculated based upon a prevalence of 50%. In reporting survey data, the confidence intervals include the impact of design effects and are calculated based on the actual distribution of each question response.

| Grade        | Survey Precision (+/-) |
|--------------|------------------------|
| 6th          | 0.50%                  |
| 7th          | 0.48%                  |
| 8th          | 0.52%                  |
| 9th          | 0.57%                  |
| 10th         | 0.64%                  |
| 11th         | 0.66%                  |
| 12th         | 0.73%                  |
| <b>Total</b> | <b>0.23%</b>           |

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<sup>9</sup> SUDAAN is an advanced statistical software package licensed through and maintained by RTI, Inc. SUDAAN differs from other statistical packages in that it can handle the design effects of complex sampling schemes more effectively than other packages.

## **Appendix B – Data Tables**

### Q44: On an average day, how many hours do you watch TV?

| DEMOGRAPHIC GROUPS                 | RESPONDENT TOTAL | WEIGHTED NUMBER | Less than 2 hours |       |             |     |      |      | More than 2 hours |       |             |     |      |      |
|------------------------------------|------------------|-----------------|-------------------|-------|-------------|-----|------|------|-------------------|-------|-------------|-----|------|------|
|                                    |                  |                 | n                 | W     | %           | SE  | UCI  | LCI  | n                 | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 70510            | 105079          | 43140             | 64379 | <b>61.3</b> | 0.2 | 61.7 | 60.8 | 27370             | 40700 | <b>38.7</b> | 0.2 | 39.2 | 38.3 |
| <b>GENDER</b>                      |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| Female                             | 33300            | 48203           | 21696             | 31512 | <b>65.4</b> | 0.3 | 65.9 | 64.9 | 11604             | 16690 | <b>34.6</b> | 0.3 | 35.1 | 34.1 |
| Male                               | 31571            | 50450           | 17943             | 28881 | <b>57.2</b> | 0.3 | 57.7 | 56.8 | 13628             | 21569 | <b>42.8</b> | 0.3 | 43.2 | 42.3 |
| <b>MS OR HS</b>                    |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| Middle School                      | 32121            | 44180           | 17921             | 24376 | <b>55.2</b> | 0.3 | 55.8 | 54.6 | 14200             | 19804 | <b>44.8</b> | 0.3 | 45.4 | 44.2 |
| High School                        | 37512            | 59901           | 24707             | 39418 | <b>65.8</b> | 0.2 | 66.2 | 65.4 | 12805             | 20483 | <b>34.2</b> | 0.2 | 34.6 | 33.8 |
| <b>GRADE</b>                       |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| 6th                                | 10423            | 14415           | 5983              | 8133  | <b>56.4</b> | 0.4 | 57.3 | 55.6 | 4440              | 6282  | <b>43.6</b> | 0.4 | 44.4 | 42.7 |
| 7th                                | 10668            | 14652           | 5813              | 7923  | <b>54.1</b> | 0.4 | 54.8 | 53.3 | 4855              | 6729  | <b>45.9</b> | 0.4 | 46.7 | 45.2 |
| 8th                                | 11030            | 15113           | 6125              | 8319  | <b>55.0</b> | 0.4 | 55.8 | 54.3 | 4905              | 6794  | <b>45.0</b> | 0.4 | 45.7 | 44.2 |
| 9th                                | 10961            | 15581           | 6674              | 9407  | <b>60.4</b> | 0.3 | 61.1 | 59.7 | 4287              | 6174  | <b>39.6</b> | 0.3 | 40.3 | 38.9 |
| 10th                               | 10021            | 15599           | 6396              | 9847  | <b>63.1</b> | 0.3 | 63.8 | 62.5 | 3625              | 5752  | <b>36.9</b> | 0.3 | 37.5 | 36.2 |
| 11th                               | 8928             | 14880           | 6226              | 10337 | <b>69.5</b> | 0.4 | 70.2 | 68.8 | 2702              | 4543  | <b>30.5</b> | 0.4 | 31.2 | 29.8 |
| 12th                               | 7602             | 13840           | 5411              | 9826  | <b>71.0</b> | 0.4 | 71.8 | 70.2 | 2191              | 4014  | <b>29.0</b> | 0.4 | 29.8 | 28.2 |
| <b>GENDER AND MS OR HS</b>         |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| Middle School Female               | 15663            | 20876           | 9403              | 12447 | <b>59.6</b> | 0.4 | 60.3 | 58.9 | 6260              | 8429  | <b>40.4</b> | 0.4 | 41.1 | 39.7 |
| Middle School Male                 | 15265            | 22019           | 7885              | 11254 | <b>51.1</b> | 0.3 | 51.8 | 50.5 | 7380              | 10765 | <b>48.9</b> | 0.3 | 49.5 | 48.2 |
| High School Female                 | 17450            | 27116           | 12175             | 18936 | <b>69.8</b> | 0.3 | 70.4 | 69.3 | 5275              | 8181  | <b>30.2</b> | 0.3 | 30.7 | 29.6 |
| High School Male                   | 16191            | 28282           | 9991              | 17532 | <b>62.0</b> | 0.3 | 62.6 | 61.4 | 6200              | 10750 | <b>38.0</b> | 0.3 | 38.6 | 37.4 |
| <b>CURRENT SMOKER</b>              |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| No                                 | 57190            | 84511           | 35377             | 52278 | <b>61.9</b> | 0.2 | 62.3 | 61.4 | 21813             | 32234 | <b>38.1</b> | 0.2 | 38.6 | 37.7 |
| Yes                                | 10735            | 16784           | 6335              | 10025 | <b>59.7</b> | 0.4 | 60.5 | 59.0 | 4400              | 6760  | <b>40.3</b> | 0.4 | 41.0 | 39.5 |
| <b>SMOKING STATUS AND MS OR HS</b> |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| Middle School Non-smoker           | 28187            | 38696           | 16045             | 21785 | <b>56.3</b> | 0.3 | 56.9 | 55.7 | 12142             | 16911 | <b>43.7</b> | 0.3 | 44.3 | 43.1 |
| Middle School Smoker               | 2465             | 3449            | 1122              | 1560  | <b>45.2</b> | 0.6 | 46.4 | 44.0 | 1343              | 1889  | <b>54.8</b> | 0.6 | 56.0 | 53.6 |
| High School Non-smoker             | 28407            | 45145           | 18971             | 30082 | <b>66.6</b> | 0.2 | 67.1 | 66.2 | 9436              | 15063 | <b>33.4</b> | 0.2 | 33.8 | 32.9 |
| High School Smoker                 | 8044             | 13070           | 5092              | 8323  | <b>63.7</b> | 0.4 | 64.4 | 62.9 | 2952              | 4747  | <b>36.3</b> | 0.4 | 37.1 | 35.6 |
| <b>HMP SCHOOL STATUS</b>           |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| HMP School                         | 34883            | 53453           | 20927             | 32119 | <b>60.1</b> | 0.3 | 60.6 | 59.6 | 13956             | 21334 | <b>39.9</b> | 0.3 | 40.4 | 39.4 |
| Not HMP School                     | 35627            | 51626           | 22213             | 32260 | <b>62.5</b> | 0.3 | 63.2 | 61.8 | 13414             | 19366 | <b>37.5</b> | 0.3 | 38.2 | 36.8 |
| <b>YTS REGION</b>                  |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| Region 1                           | 27625            | 36272           | 17381             | 22904 | <b>63.1</b> | 0.5 | 64.0 | 62.2 | 10244             | 13369 | <b>36.9</b> | 0.5 | 37.8 | 36.0 |
| Region 2                           | 4920             | 7444            | 2956              | 4511  | <b>60.6</b> | 0.8 | 62.2 | 59.0 | 1964              | 2933  | <b>39.4</b> | 0.8 | 41.0 | 37.8 |
| Region 3                           | 6549             | 10943           | 3894              | 6501  | <b>59.4</b> | 0.5 | 60.4 | 58.4 | 2655              | 4443  | <b>40.6</b> | 0.5 | 41.6 | 39.6 |
| Region 4                           | 10796            | 16109           | 6407              | 9626  | <b>59.8</b> | 0.5 | 60.8 | 58.7 | 4389              | 6483  | <b>40.2</b> | 0.5 | 41.3 | 39.2 |
| Region 5                           | 9577             | 18385           | 5736              | 11053 | <b>60.1</b> | 0.5 | 61.2 | 59.1 | 3841              | 7332  | <b>39.9</b> | 0.5 | 40.9 | 38.8 |
| Region 6                           | 11043            | 15925           | 6766              | 9786  | <b>61.4</b> | 0.5 | 62.4 | 60.4 | 4277              | 6139  | <b>38.6</b> | 0.5 | 39.6 | 37.6 |
| <b>SODA CONSUMPTION</b>            |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| Less than 1 can per week           | 19235            | 28007           | 14071             | 20467 | <b>73.1</b> | 0.3 | 73.6 | 72.5 | 5164              | 7541  | <b>26.9</b> | 0.3 | 27.5 | 26.4 |
| Less than 1 can per day            | 27640            | 41057           | 17839             | 26604 | <b>64.8</b> | 0.2 | 65.3 | 64.3 | 9801              | 14453 | <b>35.2</b> | 0.2 | 35.7 | 34.7 |
| 1 can per day or more              | 21958            | 33576           | 10244             | 15884 | <b>47.3</b> | 0.3 | 47.9 | 46.7 | 11714             | 17691 | <b>52.7</b> | 0.3 | 53.3 | 52.1 |
| <b>PARENTS</b>                     |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| 2 parent household                 | 37703            | 55976           | 23956             | 35557 | <b>63.5</b> | 0.3 | 64.0 | 63.0 | 13747             | 20418 | <b>36.5</b> | 0.3 | 37.0 | 36.0 |
| 1 parent household                 | 19517            | 29321           | 11589             | 17494 | <b>59.7</b> | 0.3 | 60.2 | 59.1 | 7928              | 11828 | <b>40.3</b> | 0.3 | 40.9 | 39.8 |
| <b>MOTHER'S EDUCATION</b>          |                  |                 |                   |       |             |     |      |      |                   |       |             |     |      |      |
| Completed grade school or less     | 1476             | 2237            | 684               | 1063  | <b>47.5</b> | 0.9 | 49.2 | 45.8 | 792               | 1175  | <b>52.5</b> | 0.9 | 54.2 | 50.8 |
| Some high school                   | 3067             | 4632            | 1718              | 2620  | <b>56.6</b> | 0.6 | 57.7 | 55.4 | 1349              | 2011  | <b>43.4</b> | 0.6 | 44.6 | 42.3 |
| Completed high school              | 15471            | 23519           | 9106              | 13968 | <b>59.4</b> | 0.3 | 60.0 | 58.8 | 6365              | 9550  | <b>40.6</b> | 0.3 | 41.2 | 40.0 |
| Some college                       | 8284             | 12588           | 5159              | 7856  | <b>62.4</b> | 0.4 | 63.2 | 61.6 | 3125              | 4732  | <b>37.6</b> | 0.4 | 38.4 | 36.8 |
| Completed college                  | 16388            | 24392           | 11042             | 16389 | <b>67.2</b> | 0.3 | 67.8 | 66.6 | 5346              | 8003  | <b>32.8</b> | 0.3 | 33.4 | 32.2 |
| Graduate or professional school    | 7803             | 11372           | 5555              | 8073  | <b>71.0</b> | 0.4 | 71.7 | 70.3 | 2248              | 3299  | <b>29.0</b> | 0.4 | 29.7 | 28.3 |

### Q44: On an average day, how many hours do you watch TV?

| DEMOGRAPHIC GROUPS                 | RESPONDENT TOTAL | WEIGHTED NUMBER | None |      |             |     |      |      | Less than 1 hour per day |       |             |     |      |      |
|------------------------------------|------------------|-----------------|------|------|-------------|-----|------|------|--------------------------|-------|-------------|-----|------|------|
|                                    |                  |                 | n    | W    | %           | SE  | UCI  | LCI  | n                        | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 70510            | 105079          | 5212 | 7847 | <b>7.5</b>  | 0.1 | 7.6  | 7.3  | 9587                     | 14374 | <b>13.7</b> | 0.1 | 13.9 | 13.5 |
| <b>GENDER</b>                      |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| Female                             | 33300            | 48203           | 2590 | 3816 | <b>7.9</b>  | 0.1 | 8.2  | 7.7  | 4995                     | 7324  | <b>15.2</b> | 0.1 | 15.5 | 14.9 |
| Male                               | 31571            | 50450           | 2183 | 3529 | <b>7.0</b>  | 0.1 | 7.2  | 6.8  | 3751                     | 6092  | <b>12.1</b> | 0.1 | 12.3 | 11.8 |
| <b>MS OR HS</b>                    |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| Middle School                      | 32121            | 44180           | 1934 | 2605 | <b>5.9</b>  | 0.1 | 6.1  | 5.7  | 3592                     | 4869  | <b>11.0</b> | 0.1 | 11.3 | 10.8 |
| High School                        | 37512            | 59901           | 3188 | 5140 | <b>8.6</b>  | 0.1 | 8.8  | 8.4  | 5882                     | 9370  | <b>15.6</b> | 0.1 | 15.9 | 15.4 |
| <b>GRADE</b>                       |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| 6th                                | 10423            | 14415           | 668  | 897  | <b>6.2</b>  | 0.2 | 6.6  | 5.9  | 1199                     | 1623  | <b>11.3</b> | 0.2 | 11.7 | 10.8 |
| 7th                                | 10668            | 14652           | 620  | 828  | <b>5.7</b>  | 0.2 | 6.0  | 5.3  | 1140                     | 1525  | <b>10.4</b> | 0.2 | 10.8 | 10.0 |
| 8th                                | 11030            | 15113           | 646  | 879  | <b>5.8</b>  | 0.2 | 6.1  | 5.5  | 1253                     | 1722  | <b>11.4</b> | 0.2 | 11.8 | 11.0 |
| 9th                                | 10961            | 15581           | 749  | 1054 | <b>6.8</b>  | 0.2 | 7.1  | 6.4  | 1442                     | 2030  | <b>13.0</b> | 0.2 | 13.4 | 12.6 |
| 10th                               | 10021            | 15599           | 776  | 1182 | <b>7.6</b>  | 0.2 | 7.9  | 7.2  | 1501                     | 2312  | <b>14.8</b> | 0.2 | 15.3 | 14.4 |
| 11th                               | 8928             | 14880           | 881  | 1456 | <b>9.8</b>  | 0.2 | 10.2 | 9.3  | 1600                     | 2662  | <b>17.9</b> | 0.3 | 18.5 | 17.3 |
| 12th                               | 7602             | 13840           | 782  | 1449 | <b>10.5</b> | 0.2 | 11.0 | 10.0 | 1339                     | 2366  | <b>17.1</b> | 0.3 | 17.7 | 16.5 |
| <b>GENDER AND MS OR HS</b>         |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| Middle School Female               | 15663            | 20876           | 992  | 1303 | <b>6.2</b>  | 0.1 | 6.5  | 5.9  | 1939                     | 2583  | <b>12.4</b> | 0.2 | 12.7 | 12.0 |
| Middle School Male                 | 15265            | 22019           | 873  | 1230 | <b>5.6</b>  | 0.1 | 5.9  | 5.3  | 1515                     | 2139  | <b>9.7</b>  | 0.2 | 10.0 | 9.4  |
| High School Female                 | 17450            | 27116           | 1582 | 2497 | <b>9.2</b>  | 0.2 | 9.6  | 8.9  | 3022                     | 4703  | <b>17.3</b> | 0.2 | 17.7 | 17.0 |
| High School Male                   | 16191            | 28282           | 1282 | 2267 | <b>8.0</b>  | 0.1 | 8.3  | 7.7  | 2218                     | 3923  | <b>13.9</b> | 0.2 | 14.2 | 13.5 |
| <b>CURRENT SMOKER</b>              |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| No                                 | 57190            | 84511           | 4117 | 6145 | <b>7.3</b>  | 0.1 | 7.5  | 7.1  | 7634                     | 11340 | <b>13.4</b> | 0.1 | 13.6 | 13.2 |
| Yes                                | 10735            | 16784           | 874  | 1381 | <b>8.2</b>  | 0.2 | 8.6  | 7.9  | 1651                     | 2610  | <b>15.6</b> | 0.2 | 16.0 | 15.1 |
| <b>SMOKING STATUS AND MS OR HS</b> |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| Middle School Non-smoker           | 28187            | 38696           | 1656 | 2220 | <b>5.7</b>  | 0.1 | 6.0  | 5.5  | 3167                     | 4280  | <b>11.1</b> | 0.1 | 11.3 | 10.8 |
| Middle School Smoker               | 2465             | 3449            | 161  | 220  | <b>6.4</b>  | 0.3 | 7.0  | 5.8  | 272                      | 388   | <b>11.3</b> | 0.4 | 12.0 | 10.6 |
| High School Non-smoker             | 28407            | 45145           | 2405 | 3863 | <b>8.6</b>  | 0.1 | 8.8  | 8.3  | 4386                     | 6961  | <b>15.4</b> | 0.1 | 15.7 | 15.1 |
| High School Smoker                 | 8044             | 13070           | 686  | 1129 | <b>8.6</b>  | 0.2 | 9.1  | 8.2  | 1354                     | 2193  | <b>16.8</b> | 0.3 | 17.3 | 16.2 |
| <b>HMP SCHOOL STATUS</b>           |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| HMP School                         | 34883            | 53453           | 2487 | 3869 | <b>7.2</b>  | 0.1 | 7.5  | 7.0  | 4600                     | 7085  | <b>13.3</b> | 0.1 | 13.5 | 13.0 |
| Not HMP School                     | 35627            | 51626           | 2725 | 3978 | <b>7.7</b>  | 0.1 | 8.0  | 7.4  | 4987                     | 7289  | <b>14.1</b> | 0.2 | 14.5 | 13.8 |
| <b>YTS REGION</b>                  |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| Region 1                           | 27625            | 36272           | 2140 | 2837 | <b>7.8</b>  | 0.2 | 8.2  | 7.5  | 3848                     | 5112  | <b>14.1</b> | 0.2 | 14.5 | 13.7 |
| Region 2                           | 4920             | 7444            | 359  | 554  | <b>7.4</b>  | 0.3 | 8.1  | 6.8  | 651                      | 1016  | <b>13.6</b> | 0.5 | 14.6 | 12.7 |
| Region 3                           | 6549             | 10943           | 431  | 736  | <b>6.7</b>  | 0.2 | 7.1  | 6.3  | 872                      | 1458  | <b>13.3</b> | 0.3 | 13.9 | 12.7 |
| Region 4                           | 10796            | 16109           | 767  | 1188 | <b>7.4</b>  | 0.2 | 7.8  | 7.0  | 1447                     | 2166  | <b>13.4</b> | 0.3 | 14.0 | 12.9 |
| Region 5                           | 9577             | 18385           | 712  | 1359 | <b>7.4</b>  | 0.2 | 7.8  | 7.0  | 1274                     | 2476  | <b>13.5</b> | 0.3 | 14.1 | 12.8 |
| Region 6                           | 11043            | 15925           | 803  | 1172 | <b>7.4</b>  | 0.2 | 7.8  | 6.9  | 1495                     | 2147  | <b>13.5</b> | 0.2 | 14.0 | 13.0 |
| <b>SODA CONSUMPTION</b>            |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| Less than 1 can per week           | 19235            | 28007           | 2501 | 3707 | <b>13.2</b> | 0.2 | 13.6 | 12.9 | 3627                     | 5300  | <b>18.9</b> | 0.2 | 19.3 | 18.5 |
| Less than 1 can per day            | 27640            | 41057           | 1640 | 2487 | <b>6.1</b>  | 0.1 | 6.3  | 5.9  | 3662                     | 5456  | <b>13.3</b> | 0.1 | 13.6 | 13.0 |
| 1 can per day or more              | 21958            | 33576           | 937  | 1466 | <b>4.4</b>  | 0.1 | 4.6  | 4.2  | 2120                     | 3356  | <b>10.0</b> | 0.2 | 10.3 | 9.7  |
| <b>PARENTS</b>                     |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| 2 parent household                 | 37703            | 55976           | 2702 | 4010 | <b>7.2</b>  | 0.1 | 7.4  | 6.9  | 5249                     | 7824  | <b>14.0</b> | 0.1 | 14.3 | 13.7 |
| 1 parent household                 | 19517            | 29321           | 1474 | 2269 | <b>7.7</b>  | 0.1 | 8.0  | 7.5  | 2659                     | 4015  | <b>13.7</b> | 0.2 | 14.0 | 13.4 |
| <b>MOTHER'S EDUCATION</b>          |                  |                 |      |      |             |     |      |      |                          |       |             |     |      |      |
| Completed grade school or less     | 1476             | 2237            | 132  | 219  | <b>9.8</b>  | 0.5 | 10.8 | 8.7  | 157                      | 232   | <b>10.4</b> | 0.5 | 11.3 | 9.4  |
| Some high school                   | 3067             | 4632            | 226  | 348  | <b>7.5</b>  | 0.3 | 8.1  | 6.9  | 405                      | 623   | <b>13.4</b> | 0.4 | 14.2 | 12.7 |
| Completed high school              | 15471            | 23519           | 803  | 1268 | <b>5.4</b>  | 0.1 | 5.6  | 5.1  | 1982                     | 3078  | <b>13.1</b> | 0.2 | 13.4 | 12.7 |
| Some college                       | 8284             | 12588           | 535  | 833  | <b>6.6</b>  | 0.2 | 7.0  | 6.2  | 1119                     | 1707  | <b>13.6</b> | 0.3 | 14.1 | 13.1 |
| Completed college                  | 16388            | 24392           | 1315 | 1989 | <b>8.2</b>  | 0.2 | 8.4  | 7.9  | 2507                     | 3752  | <b>15.4</b> | 0.2 | 15.8 | 15.0 |
| Graduate or professional school    | 7803             | 11372           | 899  | 1291 | <b>11.3</b> | 0.3 | 11.9 | 10.8 | 1327                     | 1919  | <b>16.9</b> | 0.3 | 17.4 | 16.3 |

### Q44 (cont): On an average day, how many hours do you watch TV?

| DEMOGRAPHIC GROUPS                 | 1 hour per day |       |             |     |      |      | 2 hours per day |       |             |     |      |      |
|------------------------------------|----------------|-------|-------------|-----|------|------|-----------------|-------|-------------|-----|------|------|
|                                    | n              | W     | %           | SE  | UCI  | LCI  | n               | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 11021          | 16438 | <b>15.6</b> | 0.1 | 15.8 | 15.4 | 17320           | 25720 | <b>24.5</b> | 0.1 | 24.7 | 24.3 |
| <b>GENDER</b>                      |                |       |             |     |      |      |                 |       |             |     |      |      |
| Female                             | 5501           | 7978  | <b>16.6</b> | 0.1 | 16.8 | 16.3 | 8610            | 12394 | <b>25.7</b> | 0.2 | 26.0 | 25.4 |
| Male                               | 4632           | 7446  | <b>14.8</b> | 0.1 | 15.0 | 14.5 | 7377            | 11815 | <b>23.4</b> | 0.2 | 23.7 | 23.1 |
| <b>MS OR HS</b>                    |                |       |             |     |      |      |                 |       |             |     |      |      |
| Middle School                      | 4564           | 6195  | <b>14.0</b> | 0.1 | 14.3 | 13.8 | 7831            | 10706 | <b>24.2</b> | 0.1 | 24.5 | 24.0 |
| High School                        | 6329           | 10097 | <b>16.9</b> | 0.1 | 17.1 | 16.6 | 9308            | 14811 | <b>24.7</b> | 0.2 | 25.0 | 24.4 |
| <b>GRADE</b>                       |                |       |             |     |      |      |                 |       |             |     |      |      |
| 6th                                | 1544           | 2094  | <b>14.5</b> | 0.2 | 14.9 | 14.1 | 2572            | 3518  | <b>24.4</b> | 0.2 | 24.9 | 23.9 |
| 7th                                | 1468           | 2004  | <b>13.7</b> | 0.2 | 14.1 | 13.2 | 2585            | 3566  | <b>24.3</b> | 0.2 | 24.8 | 23.9 |
| 8th                                | 1552           | 2096  | <b>13.9</b> | 0.2 | 14.3 | 13.5 | 2674            | 3622  | <b>24.0</b> | 0.2 | 24.4 | 23.5 |
| 9th                                | 1732           | 2431  | <b>15.6</b> | 0.2 | 16.1 | 15.1 | 2751            | 3892  | <b>25.0</b> | 0.3 | 25.5 | 24.5 |
| 10th                               | 1600           | 2440  | <b>15.6</b> | 0.2 | 16.1 | 15.2 | 2519            | 3913  | <b>25.1</b> | 0.3 | 25.6 | 24.6 |
| 11th                               | 1579           | 2636  | <b>17.7</b> | 0.3 | 18.2 | 17.2 | 2166            | 3584  | <b>24.1</b> | 0.3 | 24.7 | 23.5 |
| 12th                               | 1418           | 2590  | <b>18.7</b> | 0.3 | 19.3 | 18.1 | 1872            | 3422  | <b>24.7</b> | 0.3 | 25.4 | 24.0 |
| <b>GENDER AND MS OR HS</b>         |                |       |             |     |      |      |                 |       |             |     |      |      |
| Middle School Female               | 2415           | 3178  | <b>15.2</b> | 0.2 | 15.6 | 14.8 | 4057            | 5383  | <b>25.8</b> | 0.2 | 26.2 | 25.4 |
| Middle School Male                 | 1990           | 2846  | <b>12.9</b> | 0.2 | 13.3 | 12.6 | 3507            | 5039  | <b>22.9</b> | 0.2 | 23.3 | 22.5 |
| High School Female                 | 3063           | 4775  | <b>17.6</b> | 0.2 | 18.0 | 17.2 | 4508            | 6961  | <b>25.7</b> | 0.2 | 26.1 | 25.2 |
| High School Male                   | 2623           | 4572  | <b>16.2</b> | 0.2 | 16.5 | 15.8 | 3868            | 6769  | <b>23.9</b> | 0.2 | 24.4 | 23.5 |
| <b>CURRENT SMOKER</b>              |                |       |             |     |      |      |                 |       |             |     |      |      |
| No                                 | 9172           | 13525 | <b>16.0</b> | 0.1 | 16.2 | 15.8 | 14454           | 21268 | <b>25.2</b> | 0.1 | 25.4 | 24.9 |
| Yes                                | 1519           | 2433  | <b>14.5</b> | 0.2 | 14.9 | 14.0 | 2291            | 3600  | <b>21.5</b> | 0.3 | 22.0 | 20.9 |
| <b>SMOKING STATUS AND MS OR HS</b> |                |       |             |     |      |      |                 |       |             |     |      |      |
| Middle School Non-smoker           | 4137           | 5603  | <b>14.5</b> | 0.1 | 14.8 | 14.2 | 7085            | 9682  | <b>25.0</b> | 0.1 | 25.3 | 24.7 |
| Middle School Smoker               | 258            | 364   | <b>10.5</b> | 0.4 | 11.2 | 9.8  | 431             | 588   | <b>17.0</b> | 0.4 | 17.9 | 16.2 |
| High School Non-smoker             | 4945           | 7819  | <b>17.3</b> | 0.2 | 17.6 | 17.0 | 7235            | 11439 | <b>25.3</b> | 0.2 | 25.7 | 25.0 |
| High School Smoker                 | 1233           | 2037  | <b>15.6</b> | 0.3 | 16.1 | 15.1 | 1819            | 2964  | <b>22.7</b> | 0.3 | 23.3 | 22.1 |
| <b>HMP SCHOOL STATUS</b>           |                |       |             |     |      |      |                 |       |             |     |      |      |
| HMP School                         | 5271           | 8120  | <b>15.2</b> | 0.1 | 15.5 | 14.9 | 8569            | 13045 | <b>24.4</b> | 0.1 | 24.7 | 24.1 |
| Not HMP School                     | 5750           | 8318  | <b>16.1</b> | 0.2 | 16.4 | 15.8 | 8751            | 12675 | <b>24.6</b> | 0.2 | 24.9 | 24.3 |
| <b>YTS REGION</b>                  |                |       |             |     |      |      |                 |       |             |     |      |      |
| Region 1                           | 4547           | 6010  | <b>16.6</b> | 0.2 | 16.9 | 16.2 | 6846            | 8945  | <b>24.7</b> | 0.2 | 25.0 | 24.3 |
| Region 2                           | 767            | 1171  | <b>15.7</b> | 0.3 | 16.4 | 15.1 | 1179            | 1769  | <b>23.8</b> | 0.3 | 24.4 | 23.1 |
| Region 3                           | 988            | 1652  | <b>15.1</b> | 0.3 | 15.7 | 14.5 | 1603            | 2654  | <b>24.3</b> | 0.3 | 24.9 | 23.6 |
| Region 4                           | 1587           | 2372  | <b>14.7</b> | 0.2 | 15.2 | 14.2 | 2606            | 3900  | <b>24.2</b> | 0.3 | 24.8 | 23.6 |
| Region 5                           | 1455           | 2794  | <b>15.2</b> | 0.3 | 15.7 | 14.7 | 2295            | 4423  | <b>24.1</b> | 0.3 | 24.6 | 23.5 |
| Region 6                           | 1677           | 2439  | <b>15.3</b> | 0.2 | 15.8 | 14.9 | 2791            | 4027  | <b>25.3</b> | 0.2 | 25.8 | 24.8 |
| <b>SODA CONSUMPTION</b>            |                |       |             |     |      |      |                 |       |             |     |      |      |
| Less than 1 can per week           | 3390           | 4898  | <b>17.5</b> | 0.2 | 17.8 | 17.1 | 4553            | 6561  | <b>23.4</b> | 0.2 | 23.8 | 23.0 |
| Less than 1 can per day            | 4938           | 7410  | <b>18.0</b> | 0.2 | 18.4 | 17.7 | 7599            | 11250 | <b>27.4</b> | 0.2 | 27.7 | 27.1 |
| 1 can per day or more              | 2419           | 3736  | <b>11.1</b> | 0.1 | 11.4 | 10.9 | 4768            | 7327  | <b>21.8</b> | 0.2 | 22.2 | 21.5 |
| <b>PARENTS</b>                     |                |       |             |     |      |      |                 |       |             |     |      |      |
| 2 parent household                 | 6441           | 9595  | <b>17.1</b> | 0.1 | 17.4 | 16.9 | 9564            | 14128 | <b>25.2</b> | 0.1 | 25.5 | 25.0 |
| 1 parent household                 | 2745           | 4116  | <b>14.0</b> | 0.2 | 14.4 | 13.7 | 4711            | 7094  | <b>24.2</b> | 0.2 | 24.6 | 23.8 |
| <b>MOTHER'S EDUCATION</b>          |                |       |             |     |      |      |                 |       |             |     |      |      |
| Completed grade school or less     | 171            | 273   | <b>12.2</b> | 0.6 | 13.3 | 11.1 | 224             | 340   | <b>15.2</b> | 0.6 | 16.3 | 14.0 |
| Some high school                   | 394            | 617   | <b>13.3</b> | 0.4 | 14.1 | 12.5 | 693             | 1032  | <b>22.3</b> | 0.5 | 23.2 | 21.4 |
| Completed high school              | 2308           | 3522  | <b>15.0</b> | 0.2 | 15.4 | 14.6 | 4013            | 6101  | <b>25.9</b> | 0.2 | 26.4 | 25.5 |
| Some college                       | 1342           | 2060  | <b>16.4</b> | 0.3 | 16.9 | 15.8 | 2163            | 3256  | <b>25.9</b> | 0.3 | 26.5 | 25.3 |
| Completed college                  | 2900           | 4289  | <b>17.6</b> | 0.2 | 18.0 | 17.2 | 4320            | 6360  | <b>26.1</b> | 0.2 | 26.5 | 25.6 |
| Graduate or professional school    | 1500           | 2187  | <b>19.2</b> | 0.3 | 19.8 | 18.7 | 1829            | 2677  | <b>23.5</b> | 0.3 | 24.1 | 23.0 |

### Q44 (cont): On an average day, how many hours do you watch TV?

| DEMOGRAPHIC GROUPS                 | 3 hours per day |       |             |     |      |      | 4 hours per day |      |             |     |      |      |
|------------------------------------|-----------------|-------|-------------|-----|------|------|-----------------|------|-------------|-----|------|------|
|                                    | n               | W     | %           | SE  | UCI  | LCI  | n               | W    | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 12574           | 18624 | <b>17.7</b> | 0.1 | 17.9 | 17.5 | 6609            | 9817 | <b>9.3</b>  | 0.1 | 9.5  | 9.2  |
| <b>GENDER</b>                      |                 |       |             |     |      |      |                 |      |             |     |      |      |
| Female                             | 5941            | 8564  | <b>17.8</b> | 0.1 | 18.1 | 17.5 | 2871            | 4125 | <b>8.6</b>  | 0.1 | 8.8  | 8.3  |
| Male                               | 5676            | 8973  | <b>17.8</b> | 0.1 | 18.1 | 17.5 | 3236            | 5117 | <b>10.1</b> | 0.1 | 10.4 | 9.9  |
| <b>MS OR HS</b>                    |                 |       |             |     |      |      |                 |      |             |     |      |      |
| Middle School                      | 6346            | 8770  | <b>19.9</b> | 0.1 | 20.1 | 19.6 | 3406            | 4753 | <b>10.8</b> | 0.1 | 11.0 | 10.5 |
| High School                        | 6106            | 9719  | <b>16.2</b> | 0.1 | 16.5 | 16.0 | 3122            | 4970 | <b>8.3</b>  | 0.1 | 8.5  | 8.1  |
| <b>GRADE</b>                       |                 |       |             |     |      |      |                 |      |             |     |      |      |
| 6th                                | 1971            | 2751  | <b>19.1</b> | 0.2 | 19.6 | 18.6 | 1053            | 1489 | <b>10.3</b> | 0.2 | 10.7 | 10.0 |
| 7th                                | 2120            | 2933  | <b>20.0</b> | 0.2 | 20.4 | 19.6 | 1179            | 1646 | <b>11.2</b> | 0.2 | 11.6 | 10.9 |
| 8th                                | 2255            | 3086  | <b>20.4</b> | 0.2 | 20.9 | 20.0 | 1174            | 1617 | <b>10.7</b> | 0.2 | 11.1 | 10.3 |
| 9th                                | 1961            | 2790  | <b>17.9</b> | 0.2 | 18.4 | 17.5 | 1025            | 1474 | <b>9.5</b>  | 0.2 | 9.8  | 9.1  |
| 10th                               | 1721            | 2709  | <b>17.4</b> | 0.2 | 17.9 | 16.9 | 909             | 1441 | <b>9.2</b>  | 0.2 | 9.6  | 8.8  |
| 11th                               | 1323            | 2197  | <b>14.8</b> | 0.2 | 15.2 | 14.3 | 679             | 1135 | <b>7.6</b>  | 0.2 | 8.0  | 7.3  |
| 12th                               | 1101            | 2023  | <b>14.6</b> | 0.3 | 15.2 | 14.1 | 509             | 920  | <b>6.6</b>  | 0.2 | 7.0  | 6.3  |
| <b>GENDER AND MS OR HS</b>         |                 |       |             |     |      |      |                 |      |             |     |      |      |
| Middle School Female               | 3104            | 4166  | <b>20.0</b> | 0.2 | 20.4 | 19.5 | 1535            | 2064 | <b>9.9</b>  | 0.1 | 10.2 | 9.6  |
| Middle School Male                 | 3000            | 4344  | <b>19.7</b> | 0.2 | 20.1 | 19.4 | 1738            | 2541 | <b>11.5</b> | 0.2 | 11.8 | 11.2 |
| High School Female                 | 2804            | 4364  | <b>16.1</b> | 0.2 | 16.4 | 15.7 | 1322            | 2043 | <b>7.5</b>  | 0.1 | 7.8  | 7.2  |
| High School Male                   | 2681            | 4634  | <b>16.4</b> | 0.2 | 16.8 | 16.0 | 1485            | 2560 | <b>9.1</b>  | 0.2 | 9.3  | 8.8  |
| <b>CURRENT SMOKER</b>              |                 |       |             |     |      |      |                 |      |             |     |      |      |
| No                                 | 10586           | 15585 | <b>18.4</b> | 0.1 | 18.7 | 18.2 | 5445            | 8072 | <b>9.6</b>  | 0.1 | 9.7  | 9.4  |
| Yes                                | 1574            | 2434  | <b>14.5</b> | 0.2 | 15.0 | 14.0 | 897             | 1359 | <b>8.1</b>  | 0.2 | 8.4  | 7.8  |
| <b>SMOKING STATUS AND MS OR HS</b> |                 |       |             |     |      |      |                 |      |             |     |      |      |
| Middle School Non-smoker           | 5710            | 7878  | <b>20.4</b> | 0.2 | 20.7 | 20.0 | 2986            | 4172 | <b>10.8</b> | 0.1 | 11.0 | 10.5 |
| Middle School Smoker               | 384             | 543   | <b>15.7</b> | 0.4 | 16.6 | 14.9 | 248             | 346  | <b>10.0</b> | 0.4 | 10.7 | 9.3  |
| High School Non-smoker             | 4779            | 7602  | <b>16.8</b> | 0.1 | 17.1 | 16.6 | 2401            | 3834 | <b>8.5</b>  | 0.1 | 8.7  | 8.3  |
| High School Smoker                 | 1171            | 1869  | <b>14.3</b> | 0.3 | 14.8 | 13.8 | 631             | 992  | <b>7.6</b>  | 0.2 | 8.0  | 7.2  |
| <b>HMP SCHOOL STATUS</b>           |                 |       |             |     |      |      |                 |      |             |     |      |      |
| HMP School                         | 6339            | 9626  | <b>18.0</b> | 0.1 | 18.3 | 17.7 | 3386            | 5146 | <b>9.6</b>  | 0.1 | 9.8  | 9.4  |
| Not HMP School                     | 6235            | 8998  | <b>17.4</b> | 0.2 | 17.7 | 17.1 | 3223            | 4671 | <b>9.0</b>  | 0.1 | 9.3  | 8.8  |
| <b>YTS REGION</b>                  |                 |       |             |     |      |      |                 |      |             |     |      |      |
| Region 1                           | 4888            | 6364  | <b>17.5</b> | 0.2 | 17.9 | 17.2 | 2504            | 3270 | <b>9.0</b>  | 0.1 | 9.3  | 8.7  |
| Region 2                           | 862             | 1297  | <b>17.4</b> | 0.4 | 18.2 | 16.7 | 478             | 708  | <b>9.5</b>  | 0.3 | 10.1 | 8.9  |
| Region 3                           | 1254            | 2087  | <b>19.1</b> | 0.3 | 19.7 | 18.4 | 619             | 1053 | <b>9.6</b>  | 0.2 | 10.1 | 9.1  |
| Region 4                           | 1950            | 2886  | <b>17.9</b> | 0.3 | 18.4 | 17.4 | 1056            | 1565 | <b>9.7</b>  | 0.2 | 10.1 | 9.3  |
| Region 5                           | 1718            | 3263  | <b>17.7</b> | 0.3 | 18.3 | 17.2 | 913             | 1729 | <b>9.4</b>  | 0.2 | 9.9  | 9.0  |
| Region 6                           | 1902            | 2727  | <b>17.1</b> | 0.3 | 17.6 | 16.6 | 1039            | 1491 | <b>9.4</b>  | 0.2 | 9.7  | 9.0  |
| <b>SODA CONSUMPTION</b>            |                 |       |             |     |      |      |                 |      |             |     |      |      |
| Less than 1 can per week           | 2704            | 3928  | <b>14.0</b> | 0.2 | 14.4 | 13.7 | 1254            | 1840 | <b>6.6</b>  | 0.1 | 6.8  | 6.3  |
| Less than 1 can per day            | 5289            | 7786  | <b>19.0</b> | 0.2 | 19.3 | 18.6 | 2479            | 3649 | <b>8.9</b>  | 0.1 | 9.1  | 8.7  |
| 1 can per day or more              | 4283            | 6477  | <b>19.3</b> | 0.2 | 19.6 | 19.0 | 2699            | 4072 | <b>12.1</b> | 0.1 | 12.4 | 11.8 |
| <b>PARENTS</b>                     |                 |       |             |     |      |      |                 |      |             |     |      |      |
| 2 parent household                 | 6751            | 9962  | <b>17.8</b> | 0.1 | 18.1 | 17.5 | 3353            | 4983 | <b>8.9</b>  | 0.1 | 9.1  | 8.7  |
| 1 parent household                 | 3524            | 5244  | <b>17.9</b> | 0.2 | 18.2 | 17.6 | 1956            | 2912 | <b>9.9</b>  | 0.1 | 10.2 | 9.7  |
| <b>MOTHER'S EDUCATION</b>          |                 |       |             |     |      |      |                 |      |             |     |      |      |
| Completed grade school or less     | 197             | 290   | <b>13.0</b> | 0.6 | 14.1 | 11.9 | 145             | 212  | <b>9.5</b>  | 0.5 | 10.4 | 8.5  |
| Some high school                   | 553             | 816   | <b>17.6</b> | 0.4 | 18.5 | 16.8 | 294             | 427  | <b>9.2</b>  | 0.3 | 9.9  | 8.6  |
| Completed high school              | 3021            | 4519  | <b>19.2</b> | 0.2 | 19.6 | 18.8 | 1647            | 2453 | <b>10.4</b> | 0.2 | 10.7 | 10.1 |
| Some college                       | 1612            | 2429  | <b>19.3</b> | 0.3 | 19.9 | 18.7 | 782             | 1204 | <b>9.6</b>  | 0.2 | 10.0 | 9.1  |
| Completed college                  | 2775            | 4148  | <b>17.0</b> | 0.2 | 17.4 | 16.6 | 1332            | 2009 | <b>8.2</b>  | 0.1 | 8.5  | 8.0  |
| Graduate or professional school    | 1126            | 1624  | <b>14.3</b> | 0.2 | 14.8 | 13.8 | 481             | 718  | <b>6.3</b>  | 0.2 | 6.7  | 5.9  |

**Q44 (cont): On an average day, how many hours do you watch TV?**

| DEMOGRAPHIC GROUPS                 | 5 or more hours per day |       |             |     |      |      |
|------------------------------------|-------------------------|-------|-------------|-----|------|------|
|                                    | n                       | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 8187                    | 12259 | <b>11.7</b> | 0.1 | 11.9 | 11.4 |
| <b>GENDER</b>                      |                         |       |             |     |      |      |
| Female                             | 2792                    | 4001  | <b>8.3</b>  | 0.1 | 8.5  | 8.1  |
| Male                               | 4716                    | 7479  | <b>14.8</b> | 0.2 | 15.1 | 14.5 |
| <b>MS OR HS</b>                    |                         |       |             |     |      |      |
| Middle School                      | 4448                    | 6281  | <b>14.2</b> | 0.2 | 14.6 | 13.9 |
| High School                        | 3577                    | 5794  | <b>9.7</b>  | 0.1 | 9.9  | 9.4  |
| <b>GRADE</b>                       |                         |       |             |     |      |      |
| 6th                                | 1416                    | 2041  | <b>14.2</b> | 0.3 | 14.7 | 13.7 |
| 7th                                | 1556                    | 2149  | <b>14.7</b> | 0.3 | 15.2 | 14.2 |
| 8th                                | 1476                    | 2090  | <b>13.8</b> | 0.2 | 14.3 | 13.4 |
| 9th                                | 1301                    | 1910  | <b>12.3</b> | 0.2 | 12.7 | 11.8 |
| 10th                               | 995                     | 1602  | <b>10.3</b> | 0.2 | 10.7 | 9.8  |
| 11th                               | 700                     | 1211  | <b>8.1</b>  | 0.2 | 8.6  | 7.7  |
| 12th                               | 581                     | 1071  | <b>7.7</b>  | 0.2 | 8.2  | 7.3  |
| <b>GENDER AND MS OR HS</b>         |                         |       |             |     |      |      |
| Middle School Female               | 1621                    | 2199  | <b>10.5</b> | 0.2 | 10.9 | 10.2 |
| Middle School Male                 | 2642                    | 3880  | <b>17.6</b> | 0.2 | 18.1 | 17.2 |
| High School Female                 | 1149                    | 1774  | <b>6.5</b>  | 0.1 | 6.8  | 6.3  |
| High School Male                   | 2034                    | 3557  | <b>12.6</b> | 0.2 | 13.0 | 12.2 |
| <b>CURRENT SMOKER</b>              |                         |       |             |     |      |      |
| No                                 | 5782                    | 8576  | <b>10.1</b> | 0.1 | 10.4 | 9.9  |
| Yes                                | 1929                    | 2967  | <b>17.7</b> | 0.3 | 18.2 | 17.1 |
| <b>SMOKING STATUS AND MS OR HS</b> |                         |       |             |     |      |      |
| Middle School Non-smoker           | 3446                    | 4861  | <b>12.6</b> | 0.2 | 12.9 | 12.2 |
| Middle School Smoker               | 711                     | 1000  | <b>29.0</b> | 0.5 | 30.1 | 27.9 |
| High School Non-smoker             | 2256                    | 3627  | <b>8.0</b>  | 0.1 | 8.3  | 7.8  |
| High School Smoker                 | 1150                    | 1886  | <b>14.4</b> | 0.3 | 15.0 | 13.8 |
| <b>HMP SCHOOL STATUS</b>           |                         |       |             |     |      |      |
| HMP School                         | 4231                    | 6562  | <b>12.3</b> | 0.2 | 12.6 | 12.0 |
| Not HMP School                     | 3956                    | 5697  | <b>11.0</b> | 0.2 | 11.4 | 10.7 |
| <b>YTS REGION</b>                  |                         |       |             |     |      |      |
| Region 1                           | 2852                    | 3734  | <b>10.3</b> | 0.2 | 10.7 | 9.8  |
| Region 2                           | 624                     | 928   | <b>12.5</b> | 0.5 | 13.4 | 11.6 |
| Region 3                           | 782                     | 1303  | <b>11.9</b> | 0.3 | 12.5 | 11.3 |
| Region 4                           | 1383                    | 2032  | <b>12.6</b> | 0.3 | 13.2 | 12.0 |
| Region 5                           | 1210                    | 2340  | <b>12.7</b> | 0.3 | 13.4 | 12.1 |
| Region 6                           | 1336                    | 1922  | <b>12.1</b> | 0.2 | 12.6 | 11.6 |
| <b>SODA CONSUMPTION</b>            |                         |       |             |     |      |      |
| Less than 1 can per week           | 1206                    | 1773  | <b>6.3</b>  | 0.1 | 6.6  | 6.1  |
| Less than 1 can per day            | 2033                    | 3019  | <b>7.4</b>  | 0.1 | 7.6  | 7.1  |
| 1 can per day or more              | 4732                    | 7141  | <b>21.3</b> | 0.2 | 21.7 | 20.8 |
| <b>PARENTS</b>                     |                         |       |             |     |      |      |
| 2 parent household                 | 3643                    | 5473  | <b>9.8</b>  | 0.1 | 10.0 | 9.5  |
| 1 parent household                 | 2448                    | 3672  | <b>12.5</b> | 0.2 | 12.9 | 12.2 |
| <b>MOTHER'S EDUCATION</b>          |                         |       |             |     |      |      |
| Completed grade school or less     | 450                     | 672   | <b>30.1</b> | 0.8 | 31.6 | 28.5 |
| Some high school                   | 502                     | 768   | <b>16.6</b> | 0.4 | 17.4 | 15.7 |
| Completed high school              | 1697                    | 2578  | <b>11.0</b> | 0.2 | 11.3 | 10.6 |
| Some college                       | 731                     | 1099  | <b>8.7</b>  | 0.2 | 9.1  | 8.3  |
| Completed college                  | 1239                    | 1846  | <b>7.6</b>  | 0.1 | 7.8  | 7.3  |
| Graduate or professional school    | 641                     | 957   | <b>8.4</b>  | 0.2 | 8.9  | 8.0  |

### Q45: How often do you drink soda?

| DEMOGRAPHIC GROUPS                 | RESPONDENT TOTAL | WEIGHTED NUMBER | Less than 1 can per week |       |             |     |      |      | Less than 1 can per day |       |             |     |      |      |
|------------------------------------|------------------|-----------------|--------------------------|-------|-------------|-----|------|------|-------------------------|-------|-------------|-----|------|------|
|                                    |                  |                 | n                        | W     | %           | SE  | UCI  | LCI  | n                       | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 70564            | 105159          | 19724                    | 28711 | <b>27.3</b> | 0.2 | 27.6 | 27.0 | 28326                   | 42047 | <b>40.0</b> | 0.1 | 40.2 | 39.7 |
| <b>GENDER</b>                      |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| Female                             | 33345            | 48282           | 11134                    | 15934 | <b>33.0</b> | 0.2 | 33.5 | 32.6 | 13500                   | 19478 | <b>40.3</b> | 0.2 | 40.7 | 40.0 |
| Male                               | 31579            | 50448           | 7100                     | 11084 | <b>22.0</b> | 0.2 | 22.3 | 21.6 | 12634                   | 20068 | <b>39.8</b> | 0.2 | 40.2 | 39.4 |
| <b>MS OR HS</b>                    |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| Middle School                      | 32213            | 44313           | 9549                     | 12906 | <b>29.1</b> | 0.2 | 29.6 | 28.7 | 12994                   | 17820 | <b>40.2</b> | 0.2 | 40.6 | 39.8 |
| High School                        | 37487            | 59865           | 9951                     | 15553 | <b>26.0</b> | 0.2 | 26.4 | 25.5 | 15024                   | 23879 | <b>39.9</b> | 0.2 | 40.2 | 39.5 |
| <b>GRADE</b>                       |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| 6th                                | 10463            | 14470           | 3599                     | 4853  | <b>33.5</b> | 0.4 | 34.2 | 32.8 | 4092                    | 5642  | <b>39.0</b> | 0.3 | 39.5 | 38.5 |
| 7th                                | 10687            | 14678           | 3137                     | 4235  | <b>28.9</b> | 0.3 | 29.4 | 28.3 | 4337                    | 5983  | <b>40.8</b> | 0.3 | 41.4 | 40.2 |
| 8th                                | 11063            | 15165           | 2813                     | 3818  | <b>25.2</b> | 0.3 | 25.8 | 24.6 | 4565                    | 6194  | <b>40.8</b> | 0.3 | 41.4 | 40.2 |
| 9th                                | 10974            | 15606           | 2693                     | 3706  | <b>23.7</b> | 0.3 | 24.4 | 23.1 | 4498                    | 6393  | <b>41.0</b> | 0.3 | 41.6 | 40.4 |
| 10th                               | 10008            | 15575           | 2622                     | 3946  | <b>25.3</b> | 0.3 | 26.0 | 24.7 | 4022                    | 6224  | <b>40.0</b> | 0.3 | 40.6 | 39.3 |
| 11th                               | 8905             | 14846           | 2465                     | 3991  | <b>26.9</b> | 0.4 | 27.6 | 26.2 | 3542                    | 5926  | <b>39.9</b> | 0.4 | 40.6 | 39.2 |
| 12th                               | 7600             | 13838           | 2171                     | 3911  | <b>28.3</b> | 0.4 | 29.0 | 27.5 | 2962                    | 5336  | <b>38.6</b> | 0.4 | 39.3 | 37.8 |
| <b>GENDER AND MS OR HS</b>         |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| Middle School Female               | 15718            | 20960           | 5262                     | 6901  | <b>32.9</b> | 0.3 | 33.6 | 32.3 | 6364                    | 8464  | <b>40.4</b> | 0.3 | 40.9 | 39.9 |
| Middle School Male                 | 15294            | 22059           | 3952                     | 5643  | <b>25.6</b> | 0.3 | 26.1 | 25.1 | 6161                    | 8847  | <b>40.1</b> | 0.3 | 40.6 | 39.6 |
| High School Female                 | 17437            | 27110           | 5805                     | 8960  | <b>33.1</b> | 0.3 | 33.7 | 32.4 | 7063                    | 10933 | <b>40.3</b> | 0.2 | 40.8 | 39.9 |
| High School Male                   | 16177            | 28249           | 3146                     | 5434  | <b>19.2</b> | 0.2 | 19.7 | 18.8 | 6460                    | 11199 | <b>39.6</b> | 0.3 | 40.2 | 39.1 |
| <b>CURRENT SMOKER</b>              |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| No                                 | 57272            | 84649           | 17257                    | 24937 | <b>29.5</b> | 0.2 | 29.8 | 29.1 | 23781                   | 35060 | <b>41.4</b> | 0.1 | 41.7 | 41.1 |
| Yes                                | 10727            | 16758           | 1839                     | 2859  | <b>17.1</b> | 0.3 | 17.6 | 16.5 | 3584                    | 5589  | <b>33.4</b> | 0.3 | 34.0 | 32.7 |
| <b>SMOKING STATUS AND MS OR HS</b> |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| Middle School Non-smoker           | 28269            | 38816           | 8821                     | 11889 | <b>30.6</b> | 0.2 | 31.1 | 30.2 | 11710                   | 16053 | <b>41.4</b> | 0.2 | 41.8 | 41.0 |
| Middle School Smoker               | 2471             | 3459            | 343                      | 480   | <b>13.9</b> | 0.4 | 14.7 | 13.1 | 743                     | 1023  | <b>29.6</b> | 0.5 | 30.6 | 28.6 |
| High School Non-smoker             | 28416            | 45174           | 8261                     | 12854 | <b>28.5</b> | 0.2 | 28.9 | 28.0 | 11847                   | 18759 | <b>41.5</b> | 0.2 | 41.9 | 41.1 |
| High School Smoker                 | 8033             | 13038           | 1462                     | 2339  | <b>17.9</b> | 0.3 | 18.6 | 17.3 | 2772                    | 4483  | <b>34.4</b> | 0.4 | 35.1 | 33.6 |
| <b>HMP SCHOOL STATUS</b>           |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| HMP School                         | 34899            | 53473           | 9622                     | 14403 | <b>26.9</b> | 0.2 | 27.3 | 26.5 | 13937                   | 21213 | <b>39.7</b> | 0.2 | 40.0 | 39.3 |
| Not HMP School                     | 35665            | 51686           | 10102                    | 14308 | <b>27.7</b> | 0.3 | 28.2 | 27.1 | 14389                   | 20835 | <b>40.3</b> | 0.2 | 40.7 | 39.9 |
| <b>YTS REGION</b>                  |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| Region 1                           | 27632            | 36281           | 8358                     | 10798 | <b>29.8</b> | 0.3 | 30.3 | 29.2 | 11456                   | 15053 | <b>41.5</b> | 0.2 | 41.9 | 41.1 |
| Region 2                           | 4925             | 7447            | 1298                     | 1960  | <b>26.3</b> | 0.7 | 27.6 | 25.0 | 1994                    | 2994  | <b>40.2</b> | 0.4 | 41.1 | 39.3 |
| Region 3                           | 6558             | 10966           | 1542                     | 2562  | <b>23.4</b> | 0.4 | 24.2 | 22.5 | 2477                    | 4129  | <b>37.7</b> | 0.4 | 38.4 | 36.9 |
| Region 4                           | 10804            | 16124           | 3118                     | 4582  | <b>28.4</b> | 0.4 | 29.3 | 27.6 | 4225                    | 6288  | <b>39.0</b> | 0.3 | 39.7 | 38.3 |
| Region 5                           | 9599             | 18417           | 2479                     | 4602  | <b>25.0</b> | 0.4 | 25.8 | 24.2 | 3821                    | 7330  | <b>39.8</b> | 0.3 | 40.4 | 39.2 |
| Region 6                           | 11046            | 15923           | 2929                     | 4207  | <b>26.4</b> | 0.3 | 27.0 | 25.8 | 4353                    | 6253  | <b>39.3</b> | 0.3 | 39.8 | 38.7 |
| <b>TV WATCHING</b>                 |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| 2 hours or less                    | 42154            | 62955           | 14071                    | 20467 | <b>32.5</b> | 0.2 | 33.0 | 32.1 | 17839                   | 26604 | <b>42.3</b> | 0.2 | 42.6 | 42.0 |
| More than 2 hours                  | 26679            | 39685           | 5164                     | 7541  | <b>19.0</b> | 0.2 | 19.3 | 18.7 | 9801                    | 14453 | <b>36.4</b> | 0.2 | 36.8 | 36.0 |
| <b>PARENTS</b>                     |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| 2 parent household                 | 37711            | 55972           | 11297                    | 16356 | <b>29.2</b> | 0.2 | 29.7 | 28.8 | 15648                   | 23137 | <b>41.3</b> | 0.2 | 41.7 | 41.0 |
| 1 parent household                 | 19570            | 29395           | 5052                     | 7426  | <b>25.3</b> | 0.2 | 25.7 | 24.8 | 7750                    | 11591 | <b>39.4</b> | 0.2 | 39.9 | 39.0 |
| <b>MOTHER'S EDUCATION</b>          |                  |                 |                          |       |             |     |      |      |                         |       |             |     |      |      |
| Completed grade school or less     | 1478             | 2241            | 325                      | 499   | <b>22.3</b> | 0.7 | 23.6 | 20.9 | 445                     | 679   | <b>30.3</b> | 0.8 | 31.9 | 28.7 |
| Some high school                   | 3067             | 4633            | 640                      | 937   | <b>20.2</b> | 0.5 | 21.1 | 19.3 | 1055                    | 1619  | <b>34.9</b> | 0.6 | 36.1 | 33.8 |
| Completed high school              | 15468            | 23495           | 3670                     | 5434  | <b>23.1</b> | 0.2 | 23.6 | 22.7 | 6136                    | 9283  | <b>39.5</b> | 0.2 | 40.0 | 39.0 |
| Some college                       | 8285             | 12591           | 2257                     | 3355  | <b>26.6</b> | 0.3 | 27.3 | 26.0 | 3551                    | 5315  | <b>42.2</b> | 0.3 | 42.9 | 41.5 |
| Completed college                  | 16401            | 24430           | 5163                     | 7522  | <b>30.8</b> | 0.3 | 31.3 | 30.3 | 7139                    | 10596 | <b>43.4</b> | 0.2 | 43.9 | 42.9 |
| Graduate or professional school    | 7803             | 11355           | 2812                     | 4001  | <b>35.2</b> | 0.4 | 36.0 | 34.4 | 3205                    | 4660  | <b>41.0</b> | 0.4 | 41.8 | 40.3 |

### Q45 (cont): How often do you drink soda?

| DEMOGRAPHIC GROUPS                 | 1 can per day or more |       |             |     |      |      |
|------------------------------------|-----------------------|-------|-------------|-----|------|------|
|                                    | n                     | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 22514                 | 34401 | <b>32.7</b> | 0.2 | 33.1 | 32.3 |
| <b>GENDER</b>                      |                       |       |             |     |      |      |
| Female                             | 8711                  | 12870 | <b>26.7</b> | 0.2 | 27.1 | 26.2 |
| Male                               | 11845                 | 19296 | <b>38.2</b> | 0.3 | 38.8 | 37.7 |
| <b>MS OR HS</b>                    |                       |       |             |     |      |      |
| Middle School                      | 9670                  | 13586 | <b>30.7</b> | 0.3 | 31.2 | 30.1 |
| High School                        | 12512                 | 20432 | <b>34.1</b> | 0.3 | 34.7 | 33.6 |
| <b>GRADE</b>                       |                       |       |             |     |      |      |
| 6th                                | 2772                  | 3975  | <b>27.5</b> | 0.4 | 28.2 | 26.7 |
| 7th                                | 3213                  | 4459  | <b>30.4</b> | 0.4 | 31.1 | 29.7 |
| 8th                                | 3685                  | 5152  | <b>34.0</b> | 0.4 | 34.8 | 33.1 |
| 9th                                | 3783                  | 5506  | <b>35.3</b> | 0.4 | 36.0 | 34.5 |
| 10th                               | 3364                  | 5405  | <b>34.7</b> | 0.4 | 35.5 | 33.9 |
| 11th                               | 2898                  | 4930  | <b>33.2</b> | 0.4 | 34.0 | 32.4 |
| 12th                               | 2467                  | 4591  | <b>33.2</b> | 0.4 | 34.1 | 32.3 |
| <b>GENDER AND MS OR HS</b>         |                       |       |             |     |      |      |
| Middle School Female               | 4092                  | 5594  | <b>26.7</b> | 0.3 | 27.3 | 26.0 |
| Middle School Male                 | 5181                  | 7568  | <b>34.3</b> | 0.3 | 35.0 | 33.6 |
| High School Female                 | 4569                  | 7216  | <b>26.6</b> | 0.3 | 27.2 | 26.0 |
| High School Male                   | 6571                  | 11617 | <b>41.1</b> | 0.4 | 41.8 | 40.4 |
| <b>CURRENT SMOKER</b>              |                       |       |             |     |      |      |
| No                                 | 16234                 | 24652 | <b>29.1</b> | 0.2 | 29.5 | 28.7 |
| Yes                                | 5304                  | 8310  | <b>49.6</b> | 0.4 | 50.3 | 48.9 |
| <b>SMOKING STATUS AND MS OR HS</b> |                       |       |             |     |      |      |
| Middle School Non-smoker           | 7738                  | 10874 | <b>28.0</b> | 0.3 | 28.6 | 27.4 |
| Middle School Smoker               | 1385                  | 1956  | <b>56.6</b> | 0.6 | 57.7 | 55.4 |
| High School Non-smoker             | 8308                  | 13560 | <b>30.0</b> | 0.3 | 30.6 | 29.4 |
| High School Smoker                 | 3799                  | 6216  | <b>47.7</b> | 0.4 | 48.5 | 46.8 |
| <b>HMP SCHOOL STATUS</b>           |                       |       |             |     |      |      |
| HMP School                         | 11340                 | 17858 | <b>33.4</b> | 0.2 | 33.9 | 32.9 |
| Not HMP School                     | 11174                 | 16544 | <b>32.0</b> | 0.3 | 32.7 | 31.3 |
| <b>YTS REGION</b>                  |                       |       |             |     |      |      |
| Region 1                           | 7818                  | 10430 | <b>28.7</b> | 0.3 | 29.4 | 28.1 |
| Region 2                           | 1633                  | 2494  | <b>33.5</b> | 0.7 | 34.8 | 32.2 |
| Region 3                           | 2539                  | 4276  | <b>39.0</b> | 0.6 | 40.1 | 37.9 |
| Region 4                           | 3461                  | 5254  | <b>32.6</b> | 0.4 | 33.4 | 31.7 |
| Region 5                           | 3299                  | 6485  | <b>35.2</b> | 0.5 | 36.2 | 34.3 |
| Region 6                           | 3764                  | 5463  | <b>34.3</b> | 0.3 | 34.9 | 33.7 |
| <b>TV WATCHING</b>                 |                       |       |             |     |      |      |
| 2 hours or less                    | 10244                 | 15884 | <b>25.2</b> | 0.2 | 25.7 | 24.8 |
| More than 2 hours                  | 11714                 | 17691 | <b>44.6</b> | 0.3 | 45.1 | 44.1 |
| <b>PARENTS</b>                     |                       |       |             |     |      |      |
| 2 parent household                 | 10766                 | 16480 | <b>29.4</b> | 0.3 | 29.9 | 28.9 |
| 1 parent household                 | 6768                  | 10377 | <b>35.3</b> | 0.3 | 35.8 | 34.8 |
| <b>MOTHER'S EDUCATION</b>          |                       |       |             |     |      |      |
| Completed grade school or less     | 708                   | 1063  | <b>47.4</b> | 0.9 | 49.1 | 45.8 |
| Some high school                   | 1372                  | 2078  | <b>44.8</b> | 0.6 | 46.0 | 43.7 |
| Completed high school              | 5662                  | 8777  | <b>37.4</b> | 0.3 | 37.9 | 36.8 |
| Some college                       | 2477                  | 3920  | <b>31.1</b> | 0.4 | 31.9 | 30.4 |
| Completed college                  | 4099                  | 6312  | <b>25.8</b> | 0.3 | 26.4 | 25.3 |
| Graduate or professional school    | 1786                  | 2695  | <b>23.7</b> | 0.4 | 24.5 | 22.9 |

### Q45: How often do you drink soda?

| DEMOGRAPHIC GROUPS                 | RESPONDENT TOTAL | WEIGHTED NUMBER | Never |      |      |     |      |      | 1-3 cans per month |       |      |     |      |      |
|------------------------------------|------------------|-----------------|-------|------|------|-----|------|------|--------------------|-------|------|-----|------|------|
|                                    |                  |                 | n     | W    | %    | SE  | UCI  | LCI  | n                  | W     | %    | SE  | UCI  | LCI  |
| <b>Total</b>                       | 70564            | 105159          | 5405  | 8095 | 7.7  | 0.1 | 7.9  | 7.5  | 14319              | 20616 | 19.6 | 0.1 | 19.9 | 19.3 |
| <b>GENDER</b>                      |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| Female                             | 33345            | 48282           | 3054  | 4527 | 9.4  | 0.1 | 9.6  | 9.1  | 8080               | 11407 | 23.6 | 0.2 | 24.0 | 23.2 |
| Male                               | 31579            | 50448           | 1866  | 3008 | 6.0  | 0.1 | 6.2  | 5.8  | 5234               | 8076  | 16.0 | 0.2 | 16.4 | 15.7 |
| <b>MS OR HS</b>                    |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| Middle School                      | 32213            | 44313           | 1941  | 2616 | 5.9  | 0.1 | 6.1  | 5.7  | 7608               | 10291 | 23.2 | 0.2 | 23.6 | 22.8 |
| High School                        | 37487            | 59865           | 3389  | 5394 | 9.0  | 0.1 | 9.2  | 8.8  | 6562               | 10160 | 17.0 | 0.2 | 17.3 | 16.6 |
| <b>GRADE</b>                       |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| 6th                                | 10463            | 14470           | 736   | 1001 | 6.9  | 0.1 | 7.2  | 6.6  | 2863               | 3852  | 26.6 | 0.3 | 27.2 | 26.0 |
| 7th                                | 10687            | 14678           | 584   | 778  | 5.3  | 0.1 | 5.6  | 5.0  | 2553               | 3457  | 23.6 | 0.3 | 24.1 | 23.0 |
| 8th                                | 11063            | 15165           | 621   | 836  | 5.5  | 0.1 | 5.8  | 5.2  | 2192               | 2982  | 19.7 | 0.2 | 20.1 | 19.2 |
| 9th                                | 10974            | 15606           | 778   | 1088 | 7.0  | 0.2 | 7.3  | 6.6  | 1915               | 2618  | 16.8 | 0.3 | 17.3 | 16.3 |
| 10th                               | 10008            | 15575           | 837   | 1239 | 8.0  | 0.2 | 8.3  | 7.6  | 1785               | 2706  | 17.4 | 0.3 | 17.9 | 16.8 |
| 11th                               | 8905             | 14846           | 926   | 1499 | 10.1 | 0.2 | 10.6 | 9.6  | 1539               | 2492  | 16.8 | 0.3 | 17.3 | 16.2 |
| 12th                               | 7600             | 13838           | 848   | 1567 | 11.3 | 0.3 | 11.9 | 10.8 | 1323               | 2344  | 16.9 | 0.3 | 17.5 | 16.4 |
| <b>GENDER AND MS OR HS</b>         |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| Middle School Female               | 15718            | 20960           | 1121  | 1479 | 7.1  | 0.1 | 7.3  | 6.8  | 4141               | 5422  | 25.9 | 0.3 | 26.4 | 25.3 |
| Middle School Male                 | 15294            | 22059           | 744   | 1050 | 4.8  | 0.1 | 5.0  | 4.5  | 3208               | 4594  | 20.8 | 0.2 | 21.3 | 20.4 |
| High School Female                 | 17437            | 27110           | 1912  | 3025 | 11.2 | 0.2 | 11.5 | 10.8 | 3893               | 5935  | 21.9 | 0.3 | 22.4 | 21.4 |
| High School Male                   | 16177            | 28249           | 1105  | 1938 | 6.9  | 0.1 | 7.1  | 6.6  | 2041               | 3495  | 12.4 | 0.2 | 12.7 | 12.0 |
| <b>CURRENT SMOKER</b>              |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| No                                 | 57272            | 84649           | 4552  | 6770 | 8.0  | 0.1 | 8.2  | 7.8  | 12705              | 18168 | 21.5 | 0.2 | 21.8 | 21.2 |
| Yes                                | 10727            | 16758           | 671   | 1056 | 6.3  | 0.2 | 6.6  | 6.0  | 1168               | 1803  | 10.8 | 0.2 | 11.2 | 10.4 |
| <b>SMOKING STATUS AND MS OR HS</b> |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| Middle School Non-smoker           | 28269            | 38816           | 1764  | 2368 | 6.1  | 0.1 | 6.3  | 5.9  | 7057               | 9522  | 24.5 | 0.2 | 24.9 | 24.1 |
| Middle School Smoker               | 2471             | 3459            | 89    | 132  | 3.8  | 0.3 | 4.4  | 3.2  | 254                | 348   | 10.1 | 0.3 | 10.7 | 9.4  |
| High School Non-smoker             | 28416            | 45174           | 2734  | 4342 | 9.6  | 0.1 | 9.9  | 9.3  | 5527               | 8513  | 18.8 | 0.2 | 19.2 | 18.5 |
| High School Smoker                 | 8033             | 13038           | 565   | 904  | 6.9  | 0.2 | 7.3  | 6.6  | 897                | 1435  | 11.0 | 0.2 | 11.5 | 10.5 |
| <b>HMP SCHOOL STATUS</b>           |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| HMP School                         | 34899            | 53473           | 2609  | 4021 | 7.5  | 0.1 | 7.7  | 7.3  | 7013               | 10382 | 19.4 | 0.2 | 19.8 | 19.1 |
| Not HMP School                     | 35665            | 51686           | 2796  | 4074 | 7.9  | 0.1 | 8.1  | 7.6  | 7306               | 10234 | 19.8 | 0.2 | 20.3 | 19.3 |
| <b>YTS REGION</b>                  |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| Region 1                           | 27632            | 36281           | 2291  | 3050 | 8.4  | 0.1 | 8.7  | 8.1  | 6067               | 7748  | 21.4 | 0.3 | 21.9 | 20.8 |
| Region 2                           | 4925             | 7447            | 381   | 597  | 8.0  | 0.4 | 8.7  | 7.3  | 917                | 1363  | 18.3 | 0.7 | 19.6 | 17.0 |
| Region 3                           | 6558             | 10966           | 426   | 711  | 6.5  | 0.2 | 6.9  | 6.1  | 1116               | 1851  | 16.9 | 0.4 | 17.6 | 16.2 |
| Region 4                           | 10804            | 16124           | 859   | 1328 | 8.2  | 0.2 | 8.7  | 7.8  | 2259               | 3254  | 20.2 | 0.4 | 20.9 | 19.5 |
| Region 5                           | 9599             | 18417           | 680   | 1289 | 7.0  | 0.2 | 7.4  | 6.6  | 1799               | 3313  | 18.0 | 0.3 | 18.7 | 17.3 |
| Region 6                           | 11046            | 15923           | 768   | 1119 | 7.0  | 0.2 | 7.4  | 6.7  | 2161               | 3088  | 19.4 | 0.3 | 20.0 | 18.8 |
| <b>TV WATCHING</b>                 |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| 2 hours or less                    | 42154            | 62955           | 4012  | 6028 | 9.6  | 0.1 | 9.8  | 9.3  | 10059              | 14439 | 22.9 | 0.2 | 23.3 | 22.5 |
| More than 2 hours                  | 26679            | 39685           | 1240  | 1826 | 4.6  | 0.1 | 4.8  | 4.4  | 3924               | 5714  | 14.4 | 0.2 | 14.7 | 14.1 |
| <b>PARENTS</b>                     |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| 2 parent household                 | 37711            | 55972           | 3109  | 4654 | 8.3  | 0.1 | 8.5  | 8.1  | 8188               | 11702 | 20.9 | 0.2 | 21.3 | 20.5 |
| 1 parent household                 | 19570            | 29395           | 1353  | 2029 | 6.9  | 0.1 | 7.2  | 6.6  | 3699               | 5397  | 18.4 | 0.2 | 18.7 | 18.0 |
| <b>MOTHER'S EDUCATION</b>          |                  |                 |       |      |      |     |      |      |                    |       |      |     |      |      |
| Completed grade school or less     | 1478             | 2241            | 141   | 225  | 10.0 | 0.5 | 11.0 | 9.0  | 184                | 274   | 12.2 | 0.5 | 13.3 | 11.2 |
| Some high school                   | 3067             | 4633            | 173   | 258  | 5.6  | 0.3 | 6.1  | 5.1  | 467                | 679   | 14.6 | 0.4 | 15.4 | 13.9 |
| Completed high school              | 15468            | 23495           | 1003  | 1521 | 6.5  | 0.1 | 6.7  | 6.2  | 2667               | 3913  | 16.7 | 0.2 | 17.0 | 16.3 |
| Some college                       | 8285             | 12591           | 632   | 971  | 7.7  | 0.2 | 8.1  | 7.3  | 1625               | 2385  | 18.9 | 0.3 | 19.5 | 18.4 |
| Completed college                  | 16401            | 24430           | 1453  | 2182 | 8.9  | 0.1 | 9.2  | 8.6  | 3710               | 5339  | 21.9 | 0.2 | 22.3 | 21.4 |
| Graduate or professional school    | 7803             | 11355           | 813   | 1177 | 10.4 | 0.2 | 10.8 | 9.9  | 1999               | 2824  | 24.9 | 0.4 | 25.6 | 24.1 |

### Q45 (cont): How often do you drink soda?

| DEMOGRAPHIC GROUPS                 | 1 can per week |       |             |     |      |      | 2-6 cans per week |       |             |     |      |      |
|------------------------------------|----------------|-------|-------------|-----|------|------|-------------------|-------|-------------|-----|------|------|
|                                    | n              | W     | %           | SE  | UCI  | LCI  | n                 | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 10937          | 15984 | <b>15.2</b> | 0.1 | 15.4 | 15.0 | 17389             | 26064 | <b>24.8</b> | 0.1 | 25.0 | 24.6 |
| <b>GENDER</b>                      |                |       |             |     |      |      |                   |       |             |     |      |      |
| Female                             | 5716           | 8137  | <b>16.9</b> | 0.1 | 17.1 | 16.6 | 7784              | 11342 | <b>23.5</b> | 0.2 | 23.8 | 23.2 |
| Male                               | 4407           | 6931  | <b>13.7</b> | 0.1 | 14.0 | 13.5 | 8227              | 13137 | <b>26.0</b> | 0.2 | 26.4 | 25.7 |
| <b>MS OR HS</b>                    |                |       |             |     |      |      |                   |       |             |     |      |      |
| Middle School                      | 5183           | 7021  | <b>15.8</b> | 0.1 | 16.1 | 15.6 | 7811              | 10799 | <b>24.4</b> | 0.2 | 24.7 | 24.0 |
| High School                        | 5630           | 8822  | <b>14.7</b> | 0.1 | 15.0 | 14.5 | 9394              | 15057 | <b>25.2</b> | 0.1 | 25.4 | 24.9 |
| <b>GRADE</b>                       |                |       |             |     |      |      |                   |       |             |     |      |      |
| 6th                                | 1790           | 2446  | <b>16.9</b> | 0.2 | 17.3 | 16.5 | 2302              | 3197  | <b>22.1</b> | 0.2 | 22.5 | 21.7 |
| 7th                                | 1735           | 2379  | <b>16.2</b> | 0.2 | 16.6 | 15.8 | 2602              | 3604  | <b>24.6</b> | 0.2 | 25.0 | 24.1 |
| 8th                                | 1658           | 2197  | <b>14.5</b> | 0.2 | 14.9 | 14.1 | 2907              | 3998  | <b>26.4</b> | 0.3 | 26.9 | 25.8 |
| 9th                                | 1712           | 2425  | <b>15.5</b> | 0.2 | 16.0 | 15.1 | 2786              | 3969  | <b>25.4</b> | 0.3 | 26.0 | 24.9 |
| 10th                               | 1507           | 2304  | <b>14.8</b> | 0.2 | 15.2 | 14.3 | 2515              | 3920  | <b>25.2</b> | 0.3 | 25.7 | 24.6 |
| 11th                               | 1323           | 2173  | <b>14.6</b> | 0.3 | 15.1 | 14.1 | 2219              | 3753  | <b>25.3</b> | 0.3 | 25.9 | 24.7 |
| 12th                               | 1088           | 1920  | <b>13.9</b> | 0.3 | 14.4 | 13.3 | 1874              | 3415  | <b>24.7</b> | 0.3 | 25.3 | 24.0 |
| <b>GENDER AND MS OR HS</b>         |                |       |             |     |      |      |                   |       |             |     |      |      |
| Middle School Female               | 2740           | 3616  | <b>17.3</b> | 0.2 | 17.6 | 16.9 | 3624              | 4848  | <b>23.1</b> | 0.2 | 23.6 | 22.7 |
| Middle School Male                 | 2260           | 3212  | <b>14.6</b> | 0.2 | 14.9 | 14.2 | 3901              | 5635  | <b>25.5</b> | 0.2 | 26.0 | 25.1 |
| High School Female                 | 2938           | 4479  | <b>16.5</b> | 0.2 | 16.9 | 16.1 | 4125              | 6454  | <b>23.8</b> | 0.2 | 24.2 | 23.4 |
| High School Male                   | 2148           | 3716  | <b>13.2</b> | 0.2 | 13.5 | 12.8 | 4312              | 7483  | <b>26.5</b> | 0.2 | 27.0 | 26.0 |
| <b>CURRENT SMOKER</b>              |                |       |             |     |      |      |                   |       |             |     |      |      |
| No                                 | 9455           | 13714 | <b>16.2</b> | 0.1 | 16.4 | 16.0 | 14326             | 21345 | <b>25.2</b> | 0.1 | 25.5 | 25.0 |
| Yes                                | 1108           | 1732  | <b>10.3</b> | 0.2 | 10.7 | 10.0 | 2476              | 3858  | <b>23.0</b> | 0.3 | 23.6 | 22.5 |
| <b>SMOKING STATUS AND MS OR HS</b> |                |       |             |     |      |      |                   |       |             |     |      |      |
| Middle School Non-smoker           | 4760           | 6452  | <b>16.6</b> | 0.1 | 16.9 | 16.4 | 6950              | 9601  | <b>24.7</b> | 0.2 | 25.1 | 24.4 |
| Middle School Smoker               | 216            | 289   | <b>8.4</b>  | 0.3 | 9.0  | 7.7  | 527               | 734   | <b>21.2</b> | 0.5 | 22.1 | 20.3 |
| High School Non-smoker             | 4606           | 7164  | <b>15.9</b> | 0.2 | 16.2 | 15.6 | 7241              | 11595 | <b>25.7</b> | 0.2 | 26.0 | 25.3 |
| High School Smoker                 | 867            | 1413  | <b>10.8</b> | 0.2 | 11.3 | 10.4 | 1905              | 3070  | <b>23.5</b> | 0.3 | 24.2 | 22.9 |
| <b>HMP SCHOOL STATUS</b>           |                |       |             |     |      |      |                   |       |             |     |      |      |
| HMP School                         | 5339           | 7969  | <b>14.9</b> | 0.1 | 15.2 | 14.6 | 8598              | 13244 | <b>24.8</b> | 0.1 | 25.0 | 24.5 |
| Not HMP School                     | 5598           | 8015  | <b>15.5</b> | 0.1 | 15.8 | 15.2 | 8791              | 12820 | <b>24.8</b> | 0.2 | 25.1 | 24.5 |
| <b>YTS REGION</b>                  |                |       |             |     |      |      |                   |       |             |     |      |      |
| Region 1                           | 4590           | 5940  | <b>16.4</b> | 0.1 | 16.6 | 16.1 | 6866              | 9113  | <b>25.1</b> | 0.2 | 25.5 | 24.8 |
| Region 2                           | 723            | 1088  | <b>14.6</b> | 0.3 | 15.2 | 14.0 | 1271              | 1905  | <b>25.6</b> | 0.3 | 26.2 | 24.9 |
| Region 3                           | 901            | 1494  | <b>13.6</b> | 0.3 | 14.2 | 13.0 | 1576              | 2635  | <b>24.0</b> | 0.3 | 24.7 | 23.4 |
| Region 4                           | 1593           | 2340  | <b>14.5</b> | 0.3 | 15.0 | 14.0 | 2632              | 3948  | <b>24.5</b> | 0.3 | 25.0 | 24.0 |
| Region 5                           | 1437           | 2724  | <b>14.8</b> | 0.3 | 15.3 | 14.3 | 2384              | 4606  | <b>25.0</b> | 0.3 | 25.5 | 24.5 |
| Region 6                           | 1693           | 2396  | <b>15.0</b> | 0.2 | 15.4 | 14.7 | 2660              | 3857  | <b>24.2</b> | 0.2 | 24.7 | 23.7 |
| <b>TV WATCHING</b>                 |                |       |             |     |      |      |                   |       |             |     |      |      |
| 2 hours or less                    | 7607           | 11158 | <b>17.7</b> | 0.1 | 18.0 | 17.5 | 10232             | 15446 | <b>24.5</b> | 0.1 | 24.8 | 24.3 |
| More than 2 hours                  | 3071           | 4457  | <b>11.2</b> | 0.1 | 11.5 | 11.0 | 6730              | 9996  | <b>25.2</b> | 0.2 | 25.5 | 24.8 |
| <b>PARENTS</b>                     |                |       |             |     |      |      |                   |       |             |     |      |      |
| 2 parent household                 | 6248           | 9046  | <b>16.2</b> | 0.1 | 16.4 | 15.9 | 9400              | 14091 | <b>25.2</b> | 0.2 | 25.5 | 24.9 |
| 1 parent household                 | 2756           | 4107  | <b>14.0</b> | 0.2 | 14.3 | 13.7 | 4994              | 7484  | <b>25.5</b> | 0.2 | 25.8 | 25.1 |
| <b>MOTHER'S EDUCATION</b>          |                |       |             |     |      |      |                   |       |             |     |      |      |
| Completed grade school or less     | 164            | 257   | <b>11.5</b> | 0.6 | 12.7 | 10.2 | 281               | 422   | <b>18.8</b> | 0.7 | 20.1 | 17.5 |
| Some high school                   | 364            | 539   | <b>11.6</b> | 0.4 | 12.4 | 10.9 | 691               | 1080  | <b>23.3</b> | 0.5 | 24.3 | 22.3 |
| Completed high school              | 2236           | 3307  | <b>14.1</b> | 0.2 | 14.4 | 13.7 | 3900              | 5976  | <b>25.4</b> | 0.2 | 25.9 | 25.0 |
| Some college                       | 1273           | 1866  | <b>14.8</b> | 0.2 | 15.3 | 14.4 | 2278              | 3449  | <b>27.4</b> | 0.3 | 28.0 | 26.8 |
| Completed college                  | 2879           | 4231  | <b>17.3</b> | 0.2 | 17.7 | 16.9 | 4260              | 6365  | <b>26.1</b> | 0.2 | 26.5 | 25.6 |
| Graduate or professional school    | 1356           | 1933  | <b>17.0</b> | 0.3 | 17.6 | 16.5 | 1849              | 2727  | <b>24.0</b> | 0.3 | 24.7 | 23.3 |

### Q45 (cont): How often do you drink soda?

| DEMOGRAPHIC GROUPS                 | 1 can per day |       |             |     |      |      | 2 or more cans per day |       |             |     |      |      |
|------------------------------------|---------------|-------|-------------|-----|------|------|------------------------|-------|-------------|-----|------|------|
|                                    | n             | W     | %           | SE  | UCI  | LCI  | n                      | W     | %           | SE  | UCI  | LCI  |
| <b>Total</b>                       | 8796          | 13376 | <b>12.7</b> | 0.1 | 12.9 | 12.5 | 13718                  | 21026 | <b>20.0</b> | 0.2 | 20.3 | 19.7 |
| <b>GENDER</b>                      |               |       |             |     |      |      |                        |       |             |     |      |      |
| Female                             | 3877          | 5717  | <b>11.8</b> | 0.1 | 12.1 | 11.6 | 4834                   | 7153  | <b>14.8</b> | 0.2 | 15.2 | 14.5 |
| Male                               | 4194          | 6838  | <b>13.6</b> | 0.1 | 13.8 | 13.3 | 7651                   | 12457 | <b>24.7</b> | 0.2 | 25.1 | 24.2 |
| <b>MS OR HS</b>                    |               |       |             |     |      |      |                        |       |             |     |      |      |
| Middle School                      | 3664          | 5060  | <b>11.4</b> | 0.1 | 11.6 | 11.2 | 6006                   | 8526  | <b>19.2</b> | 0.2 | 19.7 | 18.8 |
| High School                        | 5027          | 8193  | <b>13.7</b> | 0.1 | 13.9 | 13.4 | 7485                   | 12239 | <b>20.4</b> | 0.2 | 20.9 | 20.0 |
| <b>GRADE</b>                       |               |       |             |     |      |      |                        |       |             |     |      |      |
| 6th                                | 1130          | 1598  | <b>11.0</b> | 0.2 | 11.5 | 10.6 | 1642                   | 2377  | <b>16.4</b> | 0.3 | 17.0 | 15.9 |
| 7th                                | 1177          | 1613  | <b>11.0</b> | 0.2 | 11.3 | 10.6 | 2036                   | 2846  | <b>19.4</b> | 0.3 | 20.0 | 18.8 |
| 8th                                | 1357          | 1849  | <b>12.2</b> | 0.2 | 12.6 | 11.8 | 2328                   | 3303  | <b>21.8</b> | 0.4 | 22.5 | 21.1 |
| 9th                                | 1454          | 2098  | <b>13.4</b> | 0.2 | 13.9 | 13.0 | 2329                   | 3408  | <b>21.8</b> | 0.3 | 22.5 | 21.2 |
| 10th                               | 1333          | 2101  | <b>13.5</b> | 0.2 | 13.9 | 13.1 | 2031                   | 3305  | <b>21.2</b> | 0.4 | 21.9 | 20.5 |
| 11th                               | 1209          | 2053  | <b>13.8</b> | 0.3 | 14.3 | 13.3 | 1689                   | 2877  | <b>19.4</b> | 0.3 | 20.0 | 18.7 |
| 12th                               | 1031          | 1942  | <b>14.0</b> | 0.3 | 14.6 | 13.5 | 1436                   | 2649  | <b>19.1</b> | 0.4 | 19.9 | 18.4 |
| <b>GENDER AND MS OR HS</b>         |               |       |             |     |      |      |                        |       |             |     |      |      |
| Middle School Female               | 1739          | 2347  | <b>11.2</b> | 0.2 | 11.5 | 10.9 | 2353                   | 3247  | <b>15.5</b> | 0.2 | 16.0 | 15.0 |
| Middle School Male                 | 1779          | 2559  | <b>11.6</b> | 0.1 | 11.9 | 11.3 | 3402                   | 5009  | <b>22.7</b> | 0.3 | 23.3 | 22.1 |
| High School Female                 | 2114          | 3343  | <b>12.3</b> | 0.2 | 12.7 | 12.0 | 2455                   | 3873  | <b>14.3</b> | 0.2 | 14.7 | 13.8 |
| High School Male                   | 2404          | 4259  | <b>15.1</b> | 0.2 | 15.5 | 14.7 | 4167                   | 7358  | <b>26.0</b> | 0.3 | 26.7 | 25.4 |
| <b>CURRENT SMOKER</b>              |               |       |             |     |      |      |                        |       |             |     |      |      |
| No                                 | 7058          | 10703 | <b>12.6</b> | 0.1 | 12.9 | 12.4 | 9176                   | 13949 | <b>16.5</b> | 0.2 | 16.8 | 16.2 |
| Yes                                | 1415          | 2212  | <b>13.2</b> | 0.2 | 13.6 | 12.8 | 3889                   | 6098  | <b>36.4</b> | 0.4 | 37.1 | 35.7 |
| <b>SMOKING STATUS AND MS OR HS</b> |               |       |             |     |      |      |                        |       |             |     |      |      |
| Middle School Non-smoker           | 3216          | 4461  | <b>11.5</b> | 0.1 | 11.7 | 11.2 | 4522                   | 6414  | <b>16.5</b> | 0.2 | 17.0 | 16.1 |
| Middle School Smoker               | 267           | 360   | <b>10.4</b> | 0.3 | 11.1 | 9.8  | 1118                   | 1596  | <b>46.1</b> | 0.6 | 47.3 | 45.0 |
| High School Non-smoker             | 3766          | 6154  | <b>13.6</b> | 0.2 | 14.0 | 13.3 | 4542                   | 7406  | <b>16.4</b> | 0.2 | 16.8 | 16.0 |
| High School Smoker                 | 1128          | 1827  | <b>14.0</b> | 0.3 | 14.5 | 13.5 | 2671                   | 4389  | <b>33.7</b> | 0.4 | 34.5 | 32.8 |
| <b>HMP SCHOOL STATUS</b>           |               |       |             |     |      |      |                        |       |             |     |      |      |
| HMP School                         | 4328          | 6775  | <b>12.7</b> | 0.1 | 12.9 | 12.4 | 7012                   | 11082 | <b>20.7</b> | 0.2 | 21.1 | 20.3 |
| Not HMP School                     | 4468          | 6600  | <b>12.8</b> | 0.1 | 13.1 | 12.5 | 6706                   | 9943  | <b>19.2</b> | 0.3 | 19.8 | 18.7 |
| <b>YTS REGION</b>                  |               |       |             |     |      |      |                        |       |             |     |      |      |
| Region 1                           | 3304          | 4414  | <b>12.2</b> | 0.1 | 12.4 | 11.9 | 4514                   | 6016  | <b>16.6</b> | 0.3 | 17.2 | 16.0 |
| Region 2                           | 606           | 919   | <b>12.3</b> | 0.3 | 13.0 | 11.7 | 1027                   | 1575  | <b>21.1</b> | 0.5 | 22.1 | 20.1 |
| Region 3                           | 938           | 1585  | <b>14.5</b> | 0.3 | 15.0 | 13.9 | 1601                   | 2691  | <b>24.5</b> | 0.4 | 25.4 | 23.7 |
| Region 4                           | 1340          | 2043  | <b>12.7</b> | 0.3 | 13.2 | 12.2 | 2121                   | 3211  | <b>19.9</b> | 0.4 | 20.6 | 19.2 |
| Region 5                           | 1199          | 2378  | <b>12.9</b> | 0.3 | 13.5 | 12.3 | 2100                   | 4107  | <b>22.3</b> | 0.4 | 23.1 | 21.5 |
| Region 6                           | 1409          | 2036  | <b>12.8</b> | 0.2 | 13.2 | 12.4 | 2355                   | 3427  | <b>21.5</b> | 0.3 | 22.0 | 21.0 |
| <b>TV WATCHING</b>                 |               |       |             |     |      |      |                        |       |             |     |      |      |
| 2 hours or less                    | 4937          | 7610  | <b>12.1</b> | 0.1 | 12.3 | 11.9 | 5307                   | 8274  | <b>13.1</b> | 0.2 | 13.5 | 12.8 |
| More than 2 hours                  | 3664          | 5475  | <b>13.8</b> | 0.1 | 14.1 | 13.5 | 8050                   | 12217 | <b>30.8</b> | 0.2 | 31.2 | 30.3 |
| <b>PARENTS</b>                     |               |       |             |     |      |      |                        |       |             |     |      |      |
| 2 parent household                 | 4653          | 7083  | <b>12.7</b> | 0.1 | 12.9 | 12.4 | 6113                   | 9397  | <b>16.8</b> | 0.2 | 17.2 | 16.4 |
| 1 parent household                 | 2494          | 3797  | <b>12.9</b> | 0.2 | 13.2 | 12.6 | 4274                   | 6580  | <b>22.4</b> | 0.2 | 22.8 | 22.0 |
| <b>MOTHER'S EDUCATION</b>          |               |       |             |     |      |      |                        |       |             |     |      |      |
| Completed grade school or less     | 149           | 225   | <b>10.1</b> | 0.5 | 11.0 | 9.1  | 559                    | 838   | <b>37.4</b> | 0.8 | 38.9 | 35.8 |
| Some high school                   | 422           | 639   | <b>13.8</b> | 0.4 | 14.5 | 13.0 | 950                    | 1439  | <b>31.1</b> | 0.5 | 32.1 | 30.0 |
| Completed high school              | 2238          | 3465  | <b>14.7</b> | 0.2 | 15.1 | 14.4 | 3424                   | 5313  | <b>22.6</b> | 0.2 | 23.1 | 22.2 |
| Some college                       | 1070          | 1686  | <b>13.4</b> | 0.3 | 14.0 | 12.8 | 1407                   | 2234  | <b>17.7</b> | 0.3 | 18.3 | 17.2 |
| Completed college                  | 1938          | 2959  | <b>12.1</b> | 0.2 | 12.4 | 11.8 | 2161                   | 3353  | <b>13.7</b> | 0.2 | 14.1 | 13.3 |
| Graduate or professional school    | 762           | 1126  | <b>9.9</b>  | 0.2 | 10.4 | 9.5  | 1024                   | 1569  | <b>13.8</b> | 0.3 | 14.4 | 13.2 |

## **Appendix C – 2004 MYTS/MYDAUS Questionnaire**