## Youth Risk Behavior Surveillance System (YRBSS)



# 2017 YRBS Data User's Guide 

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## Introduction to the YRBSS

Introduction
The YRBSS was developed in 1990 to monitor priority health risk behaviors that contribute markedly to the leading causes of death, disability, and social problems among youth and adults in the United States. These behaviors, often established during childhood and early adolescence, include

- Behaviors that contribute to unintentional injuries and violence.
- Sexual behaviors that contribute to unintended pregnancy and sexually transmitted infections, including HIV infection.
- Alcohol and other drug use.
- Tobacco use.
- Unhealthy dietary behaviors.
- Inadequate physical activity.

In addition, the YRBSS monitors the prevalence of obesity and asthma.
From 1991 through 2017, the YRBSS has collected data from more than 3.8 million high school students in more than 1,100 separate surveys.

## Uses of YRBSS

 ResultsThe YRBSS was designed to

- Determine the prevalence of health risk behaviors.
- Assess whether health risk behaviors increase, decrease, or stay the same over time.
- Examine the co-occurrence of health risk behaviors.
- Provide comparable national, state, territorial, tribal, and local data.
- Provide comparable data among subpopulations of youth.
- Monitor progress toward achieving the Healthy People objectives and other program indicators.

Components of the YRBSS

The YRBSS includes national, state, territorial, tribal government, and local school-based surveys of representative samples of 9th through 12th grade students. These surveys are conducted every two years, usually during the spring semester. The national survey, conducted by CDC, provides data representative of 9th through 12th grade students in public and private schools in the United States. The state, territorial, tribal government, and local surveys, conducted by departments of health and education, provide data representative of mostly public high school students in each jurisdiction.

The YRBSS also includes additional surveys conducted by CDC:

- A middle school survey conducted by interested states, territories, tribal governments, and large urban school districts.
- A 2010 study to measure physical activity and nutrition-related behaviors and determinants of these behaviors among a nationally representative sample of high school students.
- A series of methods studies conducted in 1992, 2000, 2002, 2004, and 2008 to improve the quality and interpretation of the YRBSS data.
- The National Alternative High School Youth Risk Behavior Survey conducted in 1998 among a representative sample of almost 9,000 students in alternative high schools.
- The National College Health Risk Behavior Survey conducted in 1995 among a representative sample of about 5,000 undergraduate students.


## Methods

For More Information

The National Youth Risk Behavior Survey (YRBS) uses a three-stage cluster sample design to produce a representative sample of 9th through 12th grade students. The target population consisted of all public, Catholic, and other private school students in grades 9 through 12. A weighting factor was applied to each student record to adjust for nonresponse and the oversampling of black and Hispanic students in the sample. The final, overall weights were scaled so the weighted count of students was equal to the total sample size, and the weighted proportions of students in each grade matched population projections for each survey year. Because of the complexity of the cluster sampling design used, a statistical software package that can calculate sampling variance appropriately must be used. This document provides the information needed to correctly use and analyze data from the 2017 National YRBS.

Visit the YRBSS web site at www.cdc.gov/yrbss for more information on the YRBSS, its methodology, data analysis, and answers to frequently asked questions.

## Sample Description

School Level Selection

## Class Level Selection

All regular public, Catholic, and other private school students, in grades 9 through 12, in the 50 States and the District of Columbia were included in the sampling frame for the 2017 national YRBS. Puerto Rico, the trust territories, and the Virgin Islands were excluded from the frame. Schools were selected systematically with probability proportional to enrollment in grades 9 through 12 using a random start. One hundred and ninety-two schools were sampled.

All classes in a required subject or all classes meeting during a particular period of the day, depending on the school, were included in the sampling frame. Systematic equal probability sampling with a random start was used to select classes from each school that participated in the survey.

Response Rates The 2017 national YRBS attained the following response rates:
School response rate - 144 of the 192 sampled schools participated.

$$
144 / 192=75 \% \text { school response rate }
$$

Student response rate - 14,956 of the 18,324 sampled students submitted questionnaires; 14,765 questionnaires were usable after data editing.

$$
14,765 / 18,324=81 \%
$$

Overall response rate $=$ School response rate * Student response rate

$$
75 \% * 81 \%=60 \%
$$

## Data Edits

Introduction

## Single Question

 EditsData edits consist of checking responses for range, height/weight plausibility, and logical consistency. Data deemed invalid are set to missing.

- If the response to a question does not correspond to one of the possible responses, the response for that question is invalid and is set to missing. This can occur if the only response options for a question are "A" or "B" and the response recorded is "C", "D", "E", "F", "G", or "H", for example.
- If more than one response is selected for a question, the response for that question will be considered invalid and set to missing. The one exception is the race question (Q5), which can have multiple responses.


## Height and Weight Edits

Height is read as a three-column character variable. It is not compressed or justified by the scanning program. The possible responses for the first column range from " 3 " to " 7 " and indicate feet; the possible responses for the second and third columns range from " 00 " to " 11 " and indicate inches. The height in feet and inches is converted to height in meters using the formula below.

$$
\text { Height }(\text { in } m)=[(\text { feet } \times 12)+\text { inches }] \times 0.0254 \mathrm{~m} / \mathrm{in}
$$

- If either feet or inches is not filled in or is unreadable, then Height is set to missing.
- If Weight is missing or set to missing, then Height is set to missing.

Weight is read as a three-column character variable. It is not compressed or justified by the scanning program. The first column indicates 100s of pounds ranging from " 0 " to " 3 "; the second column indicates 10 s of pounds and ranges from " 0 " to " 9 "; the third column indicates single pounds and ranges from " 0 " to " 9 ". The weight in pounds is then converted to weight in kilograms using the following formula:

$$
\text { Weight }(\text { in } \mathrm{kg})=\text { Weight }(\text { in } \mathrm{lbs}) \times 0.4536 \mathrm{~kg} / \mathrm{lb}
$$

- If the first column is left blank, it is assumed to be a " 0 ".
- If the first column is unreadable, all columns are set to missing and Weight is set to missing.
- If column two or column three is left blank or is unreadable, all columns are set to missing and Weight is set to missing.
- If Height is missing or set to missing, then Weight is set to missing.


## Body Mass Index (BMI) <br> Edits

Biologically
Implausible Value Edits

BMI is calculated using Height and Weight in the following formula:

$$
\text { BMI }=\mathrm{kg} / \mathrm{m}^{2}=\text { Weight }(\text { in } \mathrm{kg}) /\left[\text { Height }(\text { in } \mathrm{m})^{2}\right]
$$

- If Height or Weight are missing, BMI is set to missing
- If age or sex is missing, Height, Weight, and BMI are set to missing because the biologically implausible limits (see next section) are based on age and sex.

When the basic edits for BMI are complete, further edits are applied to Height, Weight, and BMI to ensure the results are biologically plausible. Height, Weight, and BMI are set to missing when an observation lies outside the following limits developed by the Division of Nutrition, Physical Activity and Obesity, CDC. Find references here and here.

| Age | Males | Females |
| :---: | :---: | :---: |
| $\leq 12$ | Weight: 11.657983 -146.733304 kg Height: 1.1519311-1.84082588 m BMI: 11.386213-56.226598 | Weight: $11.900826-155.212672 \mathrm{~kg}$ Height: 1.18383072-1.82903476 m BMI: 10.684393-60.443302 |
| 13 | Weight: 13.01124-158.329381 kg Height: 1.19831085-1.92017136 m BMI: 11.67613-57.898109 | Weight: $14.501968-168.600125 \mathrm{~kg}$ Height: 1.25570614-1.85942807 m BMI: 10.997169-63.347099 |
| 14 | Weight: $15.57739-168.290461 \mathrm{~kg}$ Height: 1.25554043-1.97881762 m BMI: 12.031145-58.918535 | Weight: $17.710244-179.291483 \mathrm{~kg}$ Height: 1.28862593-1.87503851 m BMI: 11.380272-65.988852 |
| 15 | Weight: $19.111809-177.825263 \mathrm{~kg}$ Height: 1.31651031-2.01195659 m BMI: 12.428272-59.453976 | Weight: 20.91703-187.432302 kg Height: 1.30017723 -1.88288604 m BMI: 11.801096-68.493982 |
| 16 | Weight: $22.781044-187.460307 \mathrm{~kg}$ Height: 1.36300909-2.02979265 m BMI: 12.841111-59.756767 | Weight: 23.425077-193.22019 kg Height: 1.30445494-1.88692675 m BMI: 12.216444-71.040599 |
| 17 | Weight: 25.553403-195.782942 kg Height: 1.38993951-2.04023389 m BMI: 13.24194-60.165336 | Weight: 24.75328-196.530029 kg Height: 1.30637781-1.88910363 m BMI: 12.572284-73.856658 |
| $\geq 18$ | Weight: 27.014802-200.070426 kg Height: 1.40280564-2.04670061 m BMI: 13.60222-61.101798 | Weight: 24.848651-197.222141 kg Height: 1.30741589-1.89033105 m BMI: 12.804466-77.216716 |

## Logical Consistency Edits

## Edit Criteria

## Driving Habits

1. $\mathrm{Q} 10=\mathrm{A}$ and $\mathrm{Q} 11=\mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{E}, \mathrm{F}, \mathrm{G}, \mathrm{H}$
2. $\mathrm{Q} 11=\mathrm{A}$ and $\mathrm{Q} 10=\mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{E}, \mathrm{F}$

## Weapon Carrying

3. $\mathrm{Q} 12=\mathrm{A}$ AND $\mathrm{Q} 13=\mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{E}$
4. $\mathrm{Q} 12=\mathrm{B}$ AND Q13=C,D,E
5. $\mathrm{Q} 12=\mathrm{C}$ AND Q13=D,E
6. Q12=D AND Q13=E

## Fighting

7. $\mathrm{Q} 17=\mathrm{A}$ AND Q18=B,C,D,E,F,G,H
8. Q17=B AND Q18=C,D,E,F,G,H
9. Q17=C AND Q18=D,E,F,G,H
10. Q17=D AND Q18=E,F,G,H
11. Q17=E AND Q18=F,G,H
12. $\mathrm{Q} 17=\mathrm{F}$ AND Q18=G, H
13. Q17=G AND Q18=H

## Dating Violence

14. $\mathrm{Q} 20=\mathrm{A}$ AND Q21=C, $\mathrm{D}, \mathrm{E}, \mathrm{F}$
15. $\mathrm{Q} 20=\mathrm{B}$ AND Q21=D,E,F
16. $\mathrm{Q} 20=\mathrm{C}$ AND Q21 $=\mathrm{E}, \mathrm{F}$
17. $\mathrm{Q} 20=\mathrm{D}$ AND Q21=F
18. $\mathrm{Q} 21=\mathrm{A}$ AND Q22=B,C,D,E,F
19. $\mathrm{Q} 22=\mathrm{A}$ AND Q21=B,C,D,E,F

## Suicide

20. $\mathrm{Q} 28=\mathrm{A}$ AND Q29=B,C
21. Q29=A AND Q28=B,C,D,E

## Tobacco

22. $\mathrm{Q} 30=\mathrm{A}$ AND Q31=A
23. $\mathrm{Q} 30=\mathrm{B}$ AND Q31=B,C,D,E,F,G
24. $\mathrm{Q} 30=\mathrm{B}$ AND Q32=B,C,D,E,F,G
25. $\mathrm{Q} 30=\mathrm{B}$ AND Q33=B,C,D,E,F,G
26. $\mathrm{Q} 1=\mathrm{A}$ AND Q31=E,F,G
27. Q1=B AND Q31=F,G
28. Q1=C AND Q31=F,G
29. Q1=D AND Q31=G
30. Q1=E AND Q31=G
31. Q31=A AND Q32=B,C,D,E,F,G
32. Q31=A AND Q33=B,C,D,E,F,G
33. Q32=A AND Q33=B,C,D,E,F,G
34. $\mathrm{Q} 33=\mathrm{A}$ AND Q32=B,C,D,E,F,G
35. Q34=B AND Q35=B,C,D,E,F,G
36. Q34=B AND Q36=B,C,D,E,F,G,H
37. Q35=A AND Q36=B,C,D,E,F,G,H
38. Q36=A AND Q35=B,C,D,E,F,G
39. Q39=A AND Q32=B,C,D,E,F,G
40. Q39=A AND Q33=B,C,D,E,F,G
41. Q39=A AND Q35=B,C,D,E,F,G
42. $\mathrm{Q} 39=\mathrm{A}$ AND Q36=B,C,D,E,F,G,H
43. $\mathrm{Q} 39=\mathrm{A}$ AND Q37=B,C,D,E,F,G
44. Q39=A AND Q38=B,C,D,E,F,G

## Alcohol Use

45. $\mathrm{Q} 40=\mathrm{A}$ AND Q10=C, $\mathrm{D}, \mathrm{E}, \mathrm{F}$
46. $\mathrm{Q} 40=\mathrm{A}$ AND Q41=B,C,D,E,F,G
47. $\mathrm{Q} 40=\mathrm{A}$ AND Q42=B,C,D,E,F,G
48. $\mathrm{Q} 40=\mathrm{B}$ AND Q42=C,D,E,F,G
49. $\mathrm{Q} 40=\mathrm{C}$ AND Q42=E,F,G
50. $\mathrm{Q} 40=\mathrm{D}$ AND Q42=F,G
51. $\mathrm{Q} 40=\mathrm{A}$ AND Q43=B,C,D,E,F,G,H
52. $\mathrm{Q} 40=\mathrm{A}$ AND Q44=B,C,D,E,F,G
53. Q40=B AND Q44=D,E,F,G
54. $\mathrm{Q} 40=\mathrm{C}$ AND Q44=F,G
55. Q40=D AND Q44=G
56. Q40=A AND Q45=B,C,D,E,F,G,H
57. Q1=A AND Q41=E,F,G
58. Q1=B AND Q41=F,G
59. Q1=C AND Q41=F,G
60. Q1=D AND Q41=G
61. $\mathrm{Q} 1=\mathrm{E}$ AND Q41=G
62. $\mathrm{Q} 41=\mathrm{A}$ AND Q10=C, $\mathrm{D}, \mathrm{E}, \mathrm{F}$
63. $\mathrm{Q} 41=\mathrm{A}$ AND Q42=B,C,D,E,F,G
64. Q41=A AND Q43=B,C,D,E,F,G,H
65. Q41=A AND Q44=B,C,D,E,F,G
66. Q41=A AND Q45=B,C,D,E,F,G,H
67. Q42=A AND Q10=C,D,E,F
68. $\mathrm{Q} 42=\mathrm{A}$ AND Q43=B,C,D,E,F,G,H
69. Q42=A AND Q44=B,C,D,E,F,G
70. Q42=B AND Q44=D,E,F,G
71. $\mathrm{Q} 42=\mathrm{C}$ AND Q44=E,F,G
72. $\mathrm{Q} 42=\mathrm{D}$ AND Q44=F,G
73. $\mathrm{Q} 42=\mathrm{E}$ AND Q44=G
74. Q42=A AND Q45=B,C,D,E,F,G,H
75. Q43=A AND Q10=C,D,E,F
76. Q43=A AND Q42=B,C,D,E,F,G
77. Q43=A AND Q44=B,C,D,E,F,G
78. $\mathrm{Q} 43=\mathrm{A}$ AND Q45=B,C,D,E,F,G,H
79. $\mathrm{Q} 45=\mathrm{A}$ AND Q10=C,D,E,F
80. Q45=A AND Q42=B,C,D,E,F,G
81. Q45=A AND Q43=B,C,D,E,F,G,H
82. $\mathrm{Q} 45=\mathrm{A}$ AND Q44=B,C,D,E,F,G
83. $\mathrm{Q} 45=\mathrm{B}$ AND Q44=B,C,D,E,F,G
84. Q45=C AND Q44=B,C,D,E,F,G

## Marijuana Use

85. Q46=A AND Q47=B,C,D,E,F,G
86. $\mathrm{Q} 46=\mathrm{A}$ AND Q48=B,C,D,E,F
87. Q46=B AND Q48=C,D,E,F
88. Q46=C AND Q48=D,E,F
89. Q46=D AND Q48=E,F
90. Q46=E AND Q48=F
91. $\mathrm{Q} 1=\mathrm{A}$ AND Q47=E,F,G
92. Q1=B AND Q47=F,G
93. $\mathrm{Q} 1=\mathrm{C}$ AND Q47=F,G
94. Q1=D AND Q47=G
95. $\mathrm{Q} 1=\mathrm{E}$ AND Q47=G
96. Q47=A AND Q46=B,C,D,E,F,G
97. Q47=A AND Q48=B,C,D,E,F

## Sexual Behaviors

```
98. Q59=A AND Q60=A
99. Q59=B AND Q60=B,C,D,E,F,G,H
100. Q59=A AND Q61=A
101. Q59=B AND Q61=B,C,D,E,F,G
102. Q59=A AND Q62=A
103. Q59=B AND Q62=B,C,D,E,F,G,H
104. Q59=A AND Q63=A
105. Q59=B AND Q63=B,C
106. Q59=A AND Q64=A
107. Q59=B AND Q64=B,C
108. Q59=A AND Q65=A
109. Q59=B AND Q65=B,C,D,E,F,G,H
110. Q59=A AND Q66=A
111. Q1=A AND Q60=D,E,F,G,H
112. Q1=B AND Q60=E,F,G,H
113. Q1=C AND Q60=F,G,H
114. Q1=D AND Q60=G,H
115. Q1=E AND Q60=H
116. Q60=A AND Q61=B,C,D,E,F,G
117. Q60=A AND Q62=B,C,D,E,F,G,H
118. Q60=A AND Q63=B,C
119. Q60=A AND Q64=B,C
120. Q60=A AND Q65=B,C,D,E,F,G,H
121. Q61=A AND Q60=B,C,D,E,F,G,H
122. Q61=A AND Q62=B,C,D,E,F,G,H
123. Q61=B AND Q62=D,E,F,G,H
124. Q61=C AND Q62=E,F,G,H
125. Q61=D AND Q62=F,G,H
126. Q61=E AND Q62=G,H
127. Q61=F AND Q62=H
128. Q61=A AND Q63=B,C
129. Q61=A AND Q64=B,C
130. Q61=A AND Q65=B,C,D,E,F,G,H
131. Q62=A AND Q60=B,C,D,E,F,G,H
132. Q62=A AND Q61=B,C,D,E,F,G
133. Q62=A AND Q63=B,C
134. Q62=A AND Q64=B,C
135. Q62=A AND Q65=B,C,D,E,F,G,H
136. Q63=A AND Q60=B,C,D,E,F,G,H
137. Q63=A AND Q61=B,C,D,E,F,G
138. Q63=A AND Q62=B,C,D,E,F,G,H
139. Q63=A AND Q64=B,C
140. Q63=A AND Q65=B,C,D,E,F,G,H
141. Q64=A AND Q60=B,C,D,E,F,G,H
142. Q64=A AND Q61=B,C,D,E,F,G
143. Q64=A AND Q62=B,C,D,E,F,G,H
```

```
144. Q64=A AND Q63=B,C
145. Q64=A AND Q65=B,C,D,E,F,G,H
146. Q64=C AND Q65=D
147. Q65=A AND Q60=B,C,D,E,F,G,H
148. Q65=A AND Q61=B,C,D,E,F,G
149. Q65=A AND Q62=B,C,D,E,F,G,H
150. Q65=A AND Q63=B,C
151. Q65=A AND Q64=B,C
152. Q66=A AND Q60=B,C,D,E,F,G,H
153. Q66=A AND Q61=B,C,D,E,F,G
154. Q66=A AND Q62=B,C,D,E,F,G,H
155. Q66=A AND Q63=B,C
156. Q66=A AND Q64=B,C
157. Q66=A AND Q65=B,C,D,E,F,G,H
```


## Sex/Alcohol or Drugs

158. $\mathrm{Q} 63=\mathrm{B}$ AND Q40=A AND Q46=A AND Q49=A AND Q50=A AND Q51=A AND Q52=A AND Q53=A AND Q54=A AND Q56=A

## Sex/Binge Drinking

159. $\mathrm{Q} 2=\mathrm{A}$ AND Q44=A AND Q45=D,E,F,G,H
160. Q2=B AND Q44=A AND Q45=E,F,G,H
161. Q2=B AND Q45=D AND Q44=B,C,D,E,F,G

Subverting Subverting eliminates records that are judged too incomplete overall to be Records valid for analysis. Records are marked "subverted" when a student answers 20 or less questions or answers with b, c, d, e, f, g, or h 15 or more times in a row, all values except the demographic variables are set to missing.

## Calculated Variables

Introduction Describes how the race/ethnicity, overweight, obese, and dichotomous variables are calculated

Race/Ethnicity Note: The following description of creating the race/ethnicity variable is based on the standard response options for Q5. Sites may modify the response options to better represent their population. Data from sites that modify Q5 are processed in a manner comparable to the standard question.

Race/ethnicity (raceeth) for the 2017 YRBS is computed from two questions:

| 4. | Are you Hispanic or Latino? |
| :---: | :---: |
|  | A. Yes |
|  | B. No |
| 5. | What is your race? (Select one or more responses.) |
|  | A. American Indian or Alaska Native |
|  | B. Asian |
|  | C. Black or African American |
|  | D. Native Hawaiian or Other Pacific Islander |
|  | E. White |

Ethnicity (Q4) is scanned as a single column variable with either A or B as valid responses. Race (Q5) is the only YRBS question that permits the selection of more than one response. It is a "check all that apply" type question and is scanned as an eight-column character variable. If the student selected "A", then the first column contains an "A". If they selected "B", then the second column contains a "B", and so on.

Prior to 2007, a single question was used to ascertain race/ethnicity. To maintain comparability, Q4 and Q5 are combined to create the two-column raceeth variable. If the student selected "B" for Q4 and only one response option for Q5 then raceeth is set to a number between " 1 " and " 5 " depending on the Q5 option selected. If they selected "A" for Q4 and no response for Q5, raceeth is set to " 6 " indicating "Hispanic/Latino". If they selected "A" for Q4 and one or more responses for Q5, then raceeth is set to " 7 " indicating "Multiple - Hispanic/Latino". If they selected "B" for Q4 and more than one response for Q5, then raceeth is set to " 8 " indicating "Multiple - NonHispanic/Latino". Raceeth is set to "missing" if they answered "B" to Q4 and left Q5 blank, or they left Q4 blank regardless of the response for Q5, or if Q4 or Q5 is out of range.

| Ethnicity | Race | Raceeth (Values and Labels*) |
| :--- | :--- | :--- |
| B | A | 1 (American Indian/Alaskan Native) |
| B | B | 2 (Asian) |
| B | C | 3 (Black or African American) |
| B | D | 4 (Native Hawaiian or Other Pacific Islander) |
| B | E | 5 (White) |
| A | Missing | 6 (Hispanic/Latino) |
| A | 1 or more responses | 7 (Multiple- Hispanic/Latino) |
| B | 2 or more responses | 8 (Multiple- Non-Hispanic/Latino) |
| B | Missing | Missing |
| Missing | Missing or Any response | Missing |
| Out of range | Any response | Missing |
| Any response | Out of range | Missing |

*Labels are based on standard response options. Labels will vary if the site modified the Q5 response options. The site may modify the Race question by adding response options up to a total of 8. The values for "Hispanic/ Latino", "Multiple - Hispanic/Latino", and "Multiple Non-Hispanic/Latino" will vary according to how many response options are included in Q5. For example, if a site has 7 response options for Q5, then the values for "Hispanic/Latino", "Multiple - Hispanic/Latino", and "Multiple Non-Hispanic/Latino" would be 8,9 , and 10 , respectively.

## Percentile, Overweight, and Obese

Age (Q1), Sex (Q2), and BMI are used to determine Overweight ${ }^{*}$ (QNOWT) and Obese ${ }^{*}$ (QNOBESE). The student is considered overweight, and QNOWT is set to " 1 ", when BMI percentile is at or above the $85{ }^{\text {th }}$ percentile and below the $95^{\text {th }}$ percentile for BMI by age and sex. The student is considered obese, and QNOBESE is set to " 1 ", when BMI percentile is at or above the $95^{\text {th }}$ percentile for BMI by age and sex. If BMI is missing, then QNOWT and QNOBESE are set to missing. QNOWT and QNOBESE are mutually exclusive. The BMI percentile for age and sex (BMIPCT), QNOWT, and QNOBESE variables are included in the edited data set.

The "SAS Program for the 2000 CDC Growth Charts" developed by the CDC's Division of Nutrition, Physical Activity, and Obesity has been used to calculate BMI and BMI percentile for age and sex, and to generate QNOWT and QNOBESE. This program and technical documentation for its use are posted at:
https://www.cdc.gov/nccdphp/dnpao/growthcharts/resources/sas.htm

[^0]and are available for use by anyone who would like to regenerate the variables. Note the units required by the SAS program are specified in the documentation available at the web site referenced above. YRBS data for height are stored in meters but the program requires height in centimeters. The program requires age in months but YRBS only has age in years. Therefore, age in months is approximated by adding six months to the age in years reported by the respondent. That is, if a YRBS respondent reports that they are 14 years of age, their age in months is calculated as (14 years * 12 months) +6 months $=174$ months.

## Dichotomous Variables

There are two types of dichotomous variables - QN\# and QNword. The dichotomous variables present the percentage of students answering the predetermined response(s) of interest (ROI). Students answering the ROI(s) are in the numerator. The denominator is either all students or a subset of students who have indicated they participate in a selected activity or behavior. Students must have provided valid data to be included in any dichotomous variable calculations. Therefore students with missing responses or who had their answers subverted are not included. The variables are created and added to the master datasets during editing. The results are presented in the summary tables and graphs in your YRBS report.

QN\# Variables: Each standard question will have a corresponding dichotomous variable. The name of the dichotomous variable corresponds to the original question number. For example, the dichotomous variable for Q10 is named QN10. The table below provides the question and response options used for each standard Q\# variable and related QN\# variable. The bolded responses indicate the ROIs for that question. The ROIs are set to " 1 " for the QN\# variables; the remaining responses are set to "2" or to "missing" for the QN\# variable. The numerator and denominator are further defined below the responses.

See Appendix A for the list of the YRBS questions and dichotomous variables

QNword Variables

QNword variables are supplemental, dichotomous variables that are calculated based on results from one or more than one question. How these variables are derived, including which students are used in the numerator and denominator, and the SAS program used are explained in Appendices C and D. The values included in the SAS programs are numbers that correspond to the original responses; $1=\mathrm{A}, 2=\mathrm{B}$, etc.

See Appendix C for the list of the YRBS supplemental (QNword) variables.

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## Data Analysis Variables

Weight

Stratum

PSU

For More Information

A weight based on student sex, race/ethnicity, and grade level was applied to each record to adjust for school and student nonresponse and oversampling of black and Hispanic students. The overall weights were scaled so that the weighted count of students equals the total sample size, and the weighted proportions of students in each grade match the national population proportions. Thus the data are representative of students in grades 9-12 in public and private schools in the United States. "WEIGHT" indicates the weight factor assigned to each student record.

The sample design employed a three-stage cluster sample stratified by racial/ethnic concentration and MSA status. "STRATUM" indicates the stratum the school the student attends was assigned to.

PSUs consist of counties, groups of smaller adjacent counties, or sub-areas of very large counties. "PSU" indicates the PSU the school the student attends was assigned to.

See "Methodology of the YRBSS" and "Software for Analyzing YRBS Data" on the YRBS web site at www.cdc.gov/yrbss for more information.

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Analysis Software Technical Notes

Introduction

Software Requirements

Explains the requirements for software that can precisely calculate sampling variances for cluster sample designs that must be used when analyzing YRBS data.

The YRBS uses a multi-stage cluster sample design. Statistical software used to analyze YRBS data should account for this design. Although the point estimates should always match, there will be small differences in the confidence intervals as different methods for calculating standard error are used. Many packages with this capability are available. For more information on five statistical packages (SUDAAN, SAS, STATA, SPSS, and Epi Info) that can be used to analyze YRBS data, refer to the Software for Analysis of YRBS Data document on the YRBS web site at:
http://www.cdc.gov/healthyyouth/data/yrbs/methods.htm.

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## Sexual Minority Data Analysis Notes

Introduction

Background Sexual identity and sex of sexual contacts may both be used to identify sexual minority youth. Sexual minority youth defined by sexual identity include those who identify as gay, lesbian, and bisexual and those who are not sure about their sexual identity. Sexual minority youth defined by sex of sexual contacts include those who have had sexual contact with only the same sex or with both sexes.

For the 2017 YRBS cycle, a question asking about sexual identity and a question asking about sex of sexual contacts was included in the core questionnaire used by the states and large urban school districts and to the national YRBS questionnaire. For more information on how to analyze the YRBS sexual minority data, please refer to the How to Analyze YRBS Sexual Minority Data document on the YRBS website at:
http://www.cdc.gov/healthyyouth/data/yrbs/methods.htm.

## Codebook

Introduction The codebook documents the SAS, SPSS, MS Access, and ASCII data files available for public use. See Appendix C for the codebook information for each variable in the data files.

The columns in the codebook include the following information:

Data Location This column contains the numbers indicating the beginning and ending column position for each variable. The data location is relevant only when you are using the ASCII formatted data file; for the other files, you will reference data by variable name, not location.

Variable Name This column contains the variable names listed in the order that the variables appear in the data files. Please refer to Section 4 of this document for more details on variable types and dichotomous variables.

Question Code and Label

This column contains information about each variable in the data file. For each question (Q1 through Q99), this column contains question text, response option codes, and response option text. For QN\# and QNword variables, this column contains text that summarizes the "responses of interest", and the codes " 1 " and " 2 " for "Yes" and "No" respectively to indicate whether or not the response was one of the "responses of interest".

## Unweighted Frequency

This column contains the number of students who chose a specific response option or response of interest.

This column contains the percentage of students who chose a specific response option or response of interest. These percentages are weighted and represent students in the United States.
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## Appendix A: National High School YRBS Questions and Dichotomous Variables

| Note: | Questions that have one or more response options greater than 40 characters in length will include "Short Response" versions of the response options. The short responses are used as value labels in SAS and SPSS YRBS datasets and programs to maintain clarity. |
| :---: | :---: |
| Q1. | How old are you? <br> A. $\quad 12$ years old or younger <br> B. 13 years old <br> C. 14 years old <br> D. 15 years old <br> E. 16 years old <br> F. $\quad 17$ years old <br> G. $\quad 18$ years old or older <br> Variable label: How old are you <br> Dependence: Required by QN36, QNOWT and QNOBESE |
| Q2. | What is your sex? <br> A. Female <br> B. Male <br> Variable label: What is your sex <br> Dependence: Required by QNOWT and QNOBESE |
| Q3. | In what grade are you? <br> A. 9th grade <br> B. 10th grade <br> C. 11th grade <br> D. 12th grade <br> E. Ungraded or other grade <br> Variable label: In what grade are you |
| Q4. | Are you Hispanic or Latino? <br> A. Yes <br> B. No <br> Variable label: Are you Hispanic/Latino |
| Q5. | What is your race? (Select one or more responses.) <br> A. American Indian or Alaska Native <br> B. Asian <br> C. Black or African American <br> D. Native Hawaiian or Other Pacific Islander <br> E. White <br> Variable label: What is your race |
| Q6. | How tall are you without your shoes on? <br> $\begin{array}{ll}\text { Variable label: } & \text { How tall are you } \\ \text { Dependence: } & \text { Required by QNOWT and QNOBESE }\end{array}$ |
| Q7. | How much do you weigh without your shoes on? <br> Variable label: How much do you weigh <br> Dependence: Required by QNOWT and QNOBESE |

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| Q45. | During the past  <br> A. I did <br> B. 1 or 2 <br> C. 3 drin <br> D. 4 drin <br> E. 5 drin <br> F. 6 or <br> G. 8 or 9 <br> H. $\mathbf{1 0}$ or <br>   <br> Variable label:  <br>   <br> Short response  <br> A. Did n <br> B. 1 or 2 <br> C. 3 drin <br> D. 4 drin <br> E. 5 drin <br> F. 6 or 7 <br> G. 8 or 9 <br> H. $\mathbf{1 0}$ or | days, what is the largest number of alcoholic drinks you had in a row? drink alcohol during the past 30 days <br> nks <br> ks <br> nks <br> re drinks <br> Largest number of drinks <br> drink alcohol in past 30 days <br> nks <br> nks <br> nks <br> re drinks |
| :---: | :---: | :---: |
| QN45: | Numerator: <br> Denominator: <br> Summary text: <br> Variable label: | Students who answered H for Q45 <br> Students who answered A, B, C, D, E, F, G, or H for Q45 <br> Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey) Reported that the largest number of drinks they had in a row was 10 or more |
| Q46. | During your lif  <br> A. 0 tim <br> B. $\mathbf{1}$ or <br> C. $\mathbf{3}$ to 9 <br> D. $\mathbf{1 0}$ to <br> E. $\mathbf{2 0}$ to <br> F. $\mathbf{4 0}$ to <br> G. 100 | ow many times have you used marijuana? <br> nes <br> nes <br> times <br> times <br> times <br> ore times |
|  | Variable label: | Ever marijuana use |
| QN46: | Numerator: <br> Denominator: <br> Summary text: <br> Variable label: | Students who answered B, C, D, E, F, or G for Q46 <br> Students who answered A, B, C, D, E, F, or G for Q46 <br> Percentage of students who ever used marijuana (one or more times during their life) <br> Ever used marijuana |

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| Q76. | During the past 7 days, how many times did you drink a can, bottle, or glass of soda or pop, such as Coke, Pepsi, or Sprite? (Do not count diet soda or diet pop.) <br> A. I did not drink soda or pop during the past 7 days <br> B. $\quad 1$ to 3 times during the past 7 days <br> C. $\quad 4$ to 6 times during the past 7 days <br> D. 1 time per day <br> E. 2 times per day <br> F. 3 times per day <br> G. 4 or more times per day <br> Variable label: No soda drinking <br> Short response: <br> A. Did not drink soda or pop <br> B. 1 to 3 times <br> C. $\quad 4$ to 6 times <br> D. 1 time per day <br> E. 2 times per day <br> F. 3 times per day <br> G. 4 or more times per day |
| :---: | :---: |
| QN76: | Numerator: Students who answered A for Q76 <br> Denominator: Students who answered A, B, C, D, E, F, or G for Q76 <br> Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as <br> Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the <br> Summary text: survey) <br> Variable label: Did not drink a can, bottle, or glass of soda or pop <br> Dependence: Required by QNSODA1, QNSODA2, and QNSODA3 |
| Q77. | During the past 7 days, how many glasses of milk did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.) <br> A. I did not drink milk during the past $\mathbf{7}$ days <br> B. $\quad 1$ to 3 glasses during the past 7 days <br> C. $\quad 4$ to 6 glasses during the past 7 days <br> D. 1 glass per day <br> E. 2 glasses per day <br> F. 3 glasses per day <br> G. $\quad 4$ or more glasses per day <br> Variable label: No milk drinking <br> Short response: <br> A. Did not drink milk <br> B. 1 to 3 glasses <br> C. $\quad 4$ to 6 glasses <br> D. $\quad 1$ glass per day <br> E. 2 glasses per day <br> F. 3 glasses per day <br> G. 4 or more glasses per day |
| QN77: | Numerator: Students who answered A for Q77 <br> Denominator: Students who answered A, B, C, D, E, F, or G for Q77 <br> Summary text: Percentage of students who did not drink milk (during the 7 days before the survey) <br> Variable label: Did not drink milk <br> Dependence: Required by QNMILK1, QNMILK2, and QNMILK3 |

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| Q99. | How well do you speak English? |  |
| :---: | :---: | :---: |
|  | A. Very |  |
|  | B. Well |  |
|  | C. Not |  |
|  | D. Not |  |
|  | Variable label: | How well speak English |
| QN99: | Numerator: | Students who answered A or B for Q99 |
|  | Denominator: | Students who answered A, B, C, or D for Q99 |
|  | Summary text: | Percentage of students who speak English well or very well |
|  | Variable label: | Speak English well or very well |

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## Appendix B: National YRBS Supplemental (QNword) Variables

| QNFRCIG: |  |
| :---: | :---: |
| Numerator: | Students who answered F or G for Q32 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q32 |
| Summary text: | Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) |
| Variable label: | Currently smoked cigarettes frequently |
| Dependence: | Depends on Q32 |
| SAS code: | if q32 in (' 6 ','7') then QNFRCIG=1; <br> else if q32 in (' 1 ',' 2 ',',',' 4 ',' 5 ') then QNFRCIG=2; |
| QNDAYCIG: |  |
| Numerator: | Students who answered G for Q32 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q32 |
| Summary text: | Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) |
| Variable label: | Currently smoked cigarettes daily |
| Dependence: | Depends on Q32 |
| SAS code: | if q32='7' then QNDAYCIG $=1$; <br> else if q32 in (' 1 ','2','3','4','5','6') then QNDAYCIG=2; |
| QNFREVP: |  |
| Numerator: | Students who answered F or G for Q35 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q35 |
| Summary text: | Percentage of students who currently used an electronic vapor product frequently (on 20 or more days during the 30 days before the survey) |
| Variable label: | Currently used an electronic vapor product frequently |
| Dependence: | Depends on Q35 |
| SAS code: | if q35 in (' 6 ',' 7 ') then QNFREVP=1; else if q35 in (' 1 ',' 2 ',' 3 ',' 4 ',' 5 ') then QNFREVP=2; |
| QNDAYEVP: |  |
| Numerator: | Students who answered G for Q35 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q35 |
| Summary text: | Percentage of students who currently used an electronic vapor product daily (on all 30 days during the 30 days before the survey) |
| Variable label: | Currently used an electronic vapor product daily |
| Dependence: | Depends on Q35 |
| SAS code: | ```if q35='7' then QNDAYEVP=1; else if q35 in ('1','2','3','4','5','6') then QNDAYEVP=2;``` |
| QNFRSKL: |  |
| Numerator: | Students who answered F or G for Q37 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q37 |
| Summary text: | Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) |
| Variable label: | Current smokeless tobacco use frequently |
| Dependence: | Depends on Q37 |
| SAS code: | if q37 in (' 6 ',' 7 ') then QNFRSKL=1; else if q37 in (' 1 ',' 2 ', 3 ',' 4 ',' 5 ') then QNFRSKL=2; |

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| QNDAYSKL: |  |
| :---: | :---: |
| Numerator: | Students who answered G for Q37 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q37 |
| Summary text: | Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) |
| Variable label: | Current smokeless tobacco use daily |
| Dependence: | Depends on Q37 |
| SAS code: | ```if q37='7' then QNDAYSKL=1; else if q37 in ('1','2','3','4','5','6') then QNDAYSKL=2;``` |
| QNFRCGR: |  |
| Numerator: | Students who answered F or G for Q38 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q38 |
| Summary text: | Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) |
| Variable label: | Currently smoked cigars frequently |
| Dependence: | Depends on Q38 |
| SAS code: | if q38 in (' 6 ', ' 7 ') then QNFRCGR=1; else if q38 in (' 1 ',',',' 3 ',' 4 ',' 5 ') then QNFRCGR=2; |
| QNDAYCGR: |  |
| Numerator: | Students who answered G for Q38 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q38 |
| Summary text: | Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) |
| Variable label: | Currently smoked cigars daily |
| Dependence: | Depends on Q38 |
| SAS code: | if q38='7' then QNDAYCGR $=1$; <br> else if q38 in (' 1 ', '2', '3', ' 4 ',' 5 ', ' 6 ') then QNDAYCGR=2; |
| QNTB2: |  |
| Numerator: | Students who answered B, C, D, E, F, or G for Q32 or Q38 |
| Denominator: | Students who answered B, C, D, E, F, or G for Q32 or Q38 or answered A for Q32 and Q38 |
| Summary text: | Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) |
| Variable label: | Currently smoked cigarettes or cigars |
| Dependence: | Depends on Q32 and Q38 |
| SAS code: | if q32 in ('2', '3', '4', '5', '6', '7') or q38 in ('2', '3', '4', '5', '6', '7') then QNTB2=1; else if q32=' 1 ' and $q 38=' 1$ ' then QNTB2=2; |
| QNTB3: |  |
| Numerator: | Students who answered B, C, D, E, F, or G for Q32, Q37, or Q38 |
| Denominator: | Students who answered B, C, D, E, F, or G for Q32, Q37, or Q38 or answered A for Q32, Q37, and Q38 |
| Summary text: | Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey) |
| Variable label: | Currently smoked cigarettes or cigars or used smokeless tobacco |
| Dependence: | Depends on Q32, Q37, and Q38 |
| SAS code: | if q32 in ('2', '3', '4', '5', '6', '7') or q37 in ('2', '3', '4', '5', '6', '7') or q38 in ('2', '3', '4', '5', '6', '7') then QNTB3=1; <br> else if q32='1' and q37=' 1 ' and q38=' 1 ' then QNTB3=2; |


| QNTB4: |  |
| :---: | :---: |
| Numerator: | Students who answered B, C, D, E, F, or G for Q32, Q35, Q37, or Q38 |
| Denominator: | Students who answered B, C, D, E, F, or G for Q32, Q35, Q37, or Q38 or answered A for Q32, Q35, Q37, and Q38 |
| Summary text: | Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) |
| Variable label: | Currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products |
| Dependence: | Depends on Q32, Q35, Q37, and Q38 |
| SAS code: | if q32 in ('2', '3', '4', '5', '6', '7') or q35 in ('2', '3', '4', '5', '6', '7') or q37 in ('2', '3', '4', '5', '6', '7') or q38 in ('2', '3', '4', '5', '6', '7') then QNTB4=1; else if $q 32=11$ 'and $q 35=' 1$ ' and $q 37=' 1$ ' and $q 38=' 1$ ' then $Q N T B 4=2$; |
| QNIUDIMP: |  |
| Numerator: | Students who answered E for Q65 |
| Denominator: | Students who answered C, D, E, F, G, or H for Q62 and answered B, C, D, E, F, G, or H for Q65 |
| Summary text: | Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |
| Variable label: | Used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse |
| Dependence: | Depends on Q62 and Q65 |
| SAS code: | ```if q62 in (' }3\mathrm{ ','4','5',' ',',}7,,'8') then do if q65='5' then QNIUDIMP = 1; else if q65 in ('2','3','4','6','7','8') then QNIUDIMP = 2; end;``` |
| QNSHPARG: |  |
| Numerator: | Students who answered F for Q65 |
| Denominator: | Students who answered C, D, E, F, G, or H for Q62 and answered B, C, D, E, F, G, or H for Q65 |
| Summary text: | Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |
| Variable label: | Used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse |
| Dependence: | Depends on Q62 and Q65 |
| SAS code: | ```if q62 in ('3','4','5','6','7','8') then do; if q65='6' then QNSHPARG = 1; else if q65 in ('2','3','4','5','7','8') then QNSHPARG = 2; end;``` |


| QNOTHHPL: |  |
| :---: | :---: |
| Numerator: | Students who answered C, E, or F for Q65 |
| Denominator: | Students who answered C, D, E, F, G, or H for Q62 and answered B, C, D, E, F, G, or H for Q65 |
| Summary text: | Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |
| Variable label: | Used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse |
| Dependence: | Depends on Q62 and Q65 |
| SAS code: | ```if q62 in ('3','4','5',''','7','8') then do; if q65 in ('3','5','6') then QNOTHHPL=1; else if q65 in ('2','4','7','8') then QNOTHHPL=2; end;``` |
| QNDUALBC: |  |
| Numerator: | Students who answered B for Q64 and C, E, or F for Q65 |
| Denominator: | Students who answered C, D, E, F, G, or H for Q62 and answered B or C for 64 and answered B, C, D, E, F, G, or H for Q65 |
| Summary text: | Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |
| Variable label: | Used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as DepoProvera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse |
| Dependence: | Depends on Q62, Q64, and Q65 |
|  | if q64='2' and q65 in ('3', '5',' 6 ') then QNDUALBC=1; <br> else if q64 in ('3') or q65 in ('2', '4','7', '8') then QNDUALBC=2; <br> if q64 in(' ') or Q65 in (' ') then QNDUALBC=.; end; |
| QNBCNONE: |  |
| Numerator: | Students who answered B for Q65 |
| Denominator: | Students who answered C, D, E, F, G, or H for Q62 and answered B, C, D, E, F, G, or H for Q65 |
| Summary text: | Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active) |
| Variable label: | Did not use any method to prevent pregnancy during last sexual intercourse |
| Dependence: | Depends on Q62 and Q65 |
| SAS code: | if q62 in ('3','4','5',' 6 ','7',' 8 ') then do; if q65='2' then QNBCNONE $=1$; |
|  | else if q65 in ('3', '4', '5', '6, ' 7 ', ' 8 ') then QNBCNONE=2; end; |
| QNOBESE: |  |
| Summary text: | Percentage of students who had obesity (students who were >= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) |
| Variable label: | Had obesity |
| Dependence: | Depends on Q1, Q2, Q6, and Q7 |



| QNFR2: <br> Numerator: <br> Denominator: <br> Summary text: <br> Variable label: <br> Dependence: <br> SAS code: | Calculated <br> Students who answered A, B, C, D, E, F, or G for Q70 and Q71 <br> Percentage of students who ate fruit or drank $100 \%$ fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) <br> Ate fruit or drank $100 \%$ fruit juices two or more times per day <br> Depends on Q70 and Q71 <br> TOTALf=0; <br> array fruitq2a (*) q70 q71; <br> array summ2a (*) q70n q71n; <br> do $\mathrm{i}=1$ to $\operatorname{dim}($ fruitq2a); <br> if fruitq2a $\{\mathrm{i}\}=' 1$ ' then summ2a $\{\mathrm{i}\}=0$; <br> else if fruitq2a $\{\mathrm{i}\}=$ = 2 ' then summ2a $\{\mathrm{i}\}=2 / 7$; <br> else if fruitq2a $\{\mathrm{i}\}=$ = 3 ' then summ2a $\{\mathrm{i}\}=5 / 7$; <br> else if fruitq2a $\{\mathrm{i}\}=$ = 4 ' then summ2a $\{\mathrm{i}\}=1$; <br> else if fruitq2a $\{\mathrm{i}\}=$ ' 5 ' then summ2a $\{\mathrm{i}\}=2$; <br> else if fruitq2a $\{\mathrm{i}\}=$ = '6' then summ2a $\{\mathrm{i}\}=3$; <br> else if fruitq2a $\{\mathrm{i}\}=$ = 7 ' then summ2a $\{\mathrm{i}\}=4$; <br> else summ2a\{i\}=.; <br> TOTALf=TOTALf+summ2a\{i\}; <br> end; <br> if TOTALf GE 2 then QNFR2=1; <br> else if 0 LE TOTALf LT 2 then QNFR2=2; |
| :---: | :---: |
| QNFR3: <br> Numerator: <br> Denominator: <br> Summary text: <br> Variable label: <br> Dependence: <br> SAS code: | Calculated <br> Students who answered A, B, C, D, E, F, or G for Q70 and Q71 <br> Percentage of students who ate fruit or drank $100 \%$ fruit juices three or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) <br> Ate fruit or drank 100\% fruit juices three or more times per day <br> Depends on Q70 and Q71 <br> TOTALf=0; <br> array fruitq3a (*) q70 q71; <br> array summ3a (*) q70n q71n; <br> do $\mathrm{i}=1$ to $\operatorname{dim}($ fruitq3a); <br> if fruitq3a $\{\mathrm{i}\}=' 1$ ' then summ $3 \mathrm{a}\{\mathrm{i}\}=0$; <br> else if fruitq3a $\{\mathrm{i}\}=$ = 2 ' then summ3a $\{\mathrm{i}\}=2 / 7$; <br> else if fruitq3a $\{\mathrm{i}\}=$ = 3 ' then summ3a $\{\mathrm{i}\}=5 / 7$; <br> else if fruitq3a $\{\mathrm{i}\}=$ = 4 ' then summ3a $\{\mathrm{i}\}=1$; <br> else if fruitq3a $\{\mathrm{i}\}=$ = 5 ' then summ3a $\{\mathrm{i}\}=2$; <br> else if fruitq3a $\{\mathrm{i}\}=$ ' 6 ' then summ3a $\{\mathrm{i}\}=3$; <br> else if fruitq3a $\{\mathrm{i}\}=$ = 7 ' then summ3a $\{\mathrm{i}\}=4$; <br> else summ3a\{i\}=.; <br> TOTALf=TOTALf+summ3a\{i\}; <br> end; <br> if TOTALf GE 3 then QNFR3=1; <br> else if 0 LE TOTALf LT 3 then QNFR3=2; |


| QNVEG0: <br> Numerator: <br> Denominator: <br> Summary text: <br> Variable label: <br> Dependence: SAS code: | Calculated <br> Students who answered A, B, C, D, E, F, or G for Q72, Q73, Q74, and Q75 <br> Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) <br> Did not eat vegetables <br> Depends on Q72, Q73, Q74, and Q75 <br> TOTALv=0; <br> array vegq0a (*) q72 q73 q74 q75; <br> array summ0a (*) q72n q73n q74n q75n; <br> do $\mathrm{i}=1$ to dim(vegq0a); <br> if vegq0a $\{\mathrm{i}\}=$ ' 1 ' then summ0a $\{\mathrm{i}\}=0$; <br> else if vegq0a\{i\} = '2' then summ0a\{i\} = 2/7; <br> else if vegq0a $\{\mathrm{i}\}=$ ' 3 ' then summ0a $\{\mathrm{i}\}=5 / 7$; <br> else if vegq0a $\{\mathrm{i}\}=$ ' 4 ' then summ0a $\{\mathrm{i}\}=1$; <br> else if vegq0a $\{\mathrm{i}\}=$ = 5 ' then summ0a $\{\mathrm{i}\}=2$; <br> else if vegq0a $\{\mathrm{i}\}=$ = '6' then summ0a $\{\mathrm{i}\}=3$; <br> else if vegq0a $\{\mathrm{i}\}=$ = 7 ' then summ0a $\{\mathrm{i}\}=4$; <br> else summ0a\{i\}=.; <br> TOTALv=TOTALv+summ0a\{i\}; <br> end; <br> if TOTALv = 0 then QNVEG0=1; <br> else if TOTALv $>0$ then QNVEG0=2; |
| :---: | :---: |
| QNVEG1: <br> Numerator: <br> Denominator: <br> Summary text: <br> Variable label: <br> Dependence: <br> SAS code: | Calculated <br> Students who answered A, B, C, D, E, F, or G for Q72, Q73, Q74, and Q75 <br> Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) <br> Ate vegetables one or more times per day <br> Depends on Q72, Q73, Q74, and Q75 <br> TOTALv=0; <br> array vegq1a (*) q72 q73 q74 q75; <br> array summv1a (*) q72n q73n q74n q75n; do $\mathrm{i}=1$ to $\operatorname{dim}($ vegq1a); <br> if vegq1a $\{\mathrm{i}\}=$ ' 1 ' then summv1a $\{\mathrm{i}\}=0$; <br> else if vegq1a $\{\mathrm{i}\}=$ = 2 ' then summv $1 \mathrm{a}\{\mathrm{i}\}=2 / 7$; <br> else if vegq1a $\{\mathrm{i}\}=$ = 3 ' then summv $1 \mathrm{a}\{\mathrm{i}\}=5 / 7$; <br> else if vegq1a $\{\mathrm{i}\}=$ = 4 ' then summv1a $\{\mathrm{i}\}=1$; <br> else if vegq1a $\{\mathrm{i}\}=$ = 5 ' then summv1a $\{\mathrm{i}\}=2$; <br> else if vegq1a $\{\mathrm{i}\}=$ = 6 ' then summv $1 \mathrm{a}\{\mathrm{i}\}=3$; <br> else if vegq1a $\{\mathrm{i}\}=$ = 7 ' then summv1a $\{\mathrm{i}\}=4$; <br> else summv1a $\{\mathrm{i}\}=$.; <br> TOTALv=TOTALv+summv1a $\{\mathrm{i}\}$; <br> end; <br> if TOTALv ge 1 then QNVEG1=1; <br> else if 0 le TOTALv lt 1 then QNVEG1=2; |


| QNVEG2: <br> Numerator: <br> Denominator: <br> Summary text: <br> Variable label: <br> Dependence: SAS code: | Calculated <br> Students who answered A, B, C, D, E, F, or G for Q72, Q73, Q74, and Q75 <br> Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) <br> Ate vegetables two or more times per day <br> Depends on Q72, Q73, Q74, and Q75 <br> TOTALv=0; <br> array vegq2a (*) q72 q73 q74 q75; <br> array summv2a (*) q72n q73n q74n q75n; <br> do $\mathrm{i}=1$ to $\operatorname{dim}($ vegq2a); <br> if vegq2a $\{\mathrm{i}\}=$ = 1 ' then summv2a $\{\mathrm{i}\}=0$; <br> else if vegq2a $\{\mathrm{i}\}=$ = 2 ' then summv $2 \mathrm{a}\{\mathrm{i}\}=2 / 7$; <br> else if vegq2a $\{\mathrm{i}\}=$ = 3 ' then summv2a $\{\mathrm{i}\}=5 / 7$; <br> else if vegq2a $\{\mathrm{i}\}=$ = 4 ' then summv2a $\{\mathrm{i}\}=1$; <br> else if vegq2a $\{\mathrm{i}\}=$ = 5 ' then summv2a $\{\mathrm{i}\}=2$; <br> else if vegq2a $\{\mathrm{i}\}=$ = 6 ' then summv2a $\{\mathrm{i}\}=3$; <br> else if vegq2a $\{\mathrm{i}\}=$ = 7 ' then summv2a $\{\mathrm{i}\}=4$; <br> else summv2a $\{\mathrm{i}\}=$. ; <br> TOTALv=TOTALv+summv2a\{i\}; <br> end; <br> if TOTALv ge 2 then QNVEG2=1; <br> else if 0 le TOTALv lt 2 then QNVEG2=2; |
| :---: | :---: |
| QNVEG3: <br> Numerator: <br> Denominator: <br> Summary text: <br> Variable label: <br> Dependence: SAS code: | Calculated <br> Students who answered A, B, C, D, E, F, or G for Q72, Q73, Q74, and Q75 <br> Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) <br> Ate vegetables three or more times per day Depends on Q72, Q73, Q74, and Q75 <br> TOTALv=0; <br> array vegq3a (*) q72 q73 q74 q75; array summv3a (*) q72n q73n q74n q75n; do $\mathrm{i}=1$ to $\operatorname{dim}($ vegq3a); <br> if vegq3a $\{\mathrm{i}\}=$ = 1 ' then summv3a $\{i\}=0$; <br> else if vegq3a $\{\mathrm{i}\}=$ = 2 ' then summv3a $\{\mathrm{i}\}=2 / 7$; <br> else if vegq3a $\{i\}=$ ' 3 ' then summv3a $\{i\}=5 / 7$; <br> else if vegq3a $\{\mathrm{i}\}=$ = 4 ' then summv3a $\{\mathrm{i}\}=1$; <br> else if vegq3a $\{\mathrm{i}\}=$ = 5 ' then summv3a $\{\mathrm{i}\}=2$; <br> else if vegq3a $\{\mathrm{i}\}=$ = 6 ' then summv3a $\{\mathrm{i}\}=3$; <br> else if vegq3a $\{\mathrm{i}\}=$ = '7' then summv3a $\{\mathrm{i}\}=4$; <br> else summv3a\{i\} = .; <br> TOTALv=TOTALv+summv3a\{i\}; <br> end; <br> if TOTALv ge 3 then QNVEG3=1; <br> else if 0 le TOTALv lt 3 then QNVEG3=2; |


| QNSODA1: |  |
| :---: | :---: |
| Numerator: | Students who answered D, E, F, or G for Q76 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q76 |
| Summary text: | Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) |
| Variable label: | Drank a can, bottle, or glass of soda or pop one or more times per day |
| Dependence: | Depends on Q76 |
| SAS code: | if q76 in ('4','5','6','7') then QNSODA1=1; else if q76 in ('1','2','3') then QNSODA1=2; |
| QNSODA2: |  |
| Numerator: | Students who answered E, F, or G for Q76 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q76 |
| Summary text: | Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) |
| Variable label: | Drank a can, bottle, or glass of soda or pop two or more times per day |
| Dependence: | Depends on Q76 |
| SAS code: | if q76 in ('5','6','7') then QNSODA2=1; else if q76 in ('1','2','3','4') then QNSODA2=2; |
| QNSODA3: |  |
| Numerator: | Students who answered F or G for Q76 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q76 |
| Summary text: | Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) |
| Variable label: | Drank a can, bottle, or glass of soda or pop three or more times per day |
| Dependence: | Depends on Q76 |
| SAS code: | if q76 in ('6','7') then QNSODA3=1; else if q76 in ('1','2','3','4','5') then QNSODA3=2; |
| QNMILK1: |  |
| Numerator: | Students who answered D, E, F, or G for Q77 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q77 |
| Summary text: | Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey) |
| Variable label: | Drank one or more glasses per day of milk |
| Dependence: | Depends on Q77 |
| SAS code: | if q77 in ('4','5','6','7') then QNMILK1=1; else if q77 in ('1','2','3') then QNMILK1=2; |
| QNMILK2: |  |
| Numerator: | Students who answered E, F, or G for Q77 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q77 |
| Summary text: | Percentage of students who drank two or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey) |
| Variable label: | Drank two or more glasses per day of milk |
| Dependence: | Depends on Q77 |
| SAS code: | if q77 in ('5','6','7') then QNMILK2=1; else if q77 in ('1','2','3','4') then QNMILK2=2; |


| QNMILK3: |  |
| :---: | :---: |
| Numerator: | Students who answered F or G for Q77 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q77 |
| Summary text: | Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey) |
| Variable label: | Drank three or more glasses per day of milk |
| Dependence: | Depends on Q77 |
| SAS code: | if q77 in ('6','7') then QNMILK3=1; else if q77 in ('1','2','3','4','5') then QNMILK3=2; |
| QNBK7DAY: |  |
| Numerator: | Students who answered H for Q78 |
| Denominator: | Students who answered A, B, C, D, E, F, G or H for Q78 |
| Summary text: | Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) |
| Variable label: | Ate breakfast on all 7 days |
| Dependence: | Depends on Q78 |
| SAS code: | if q78 in (' 8 ') then QNBK7DAY $=1$; <br> else if q78 in ('1','2','3','4','5','6','7') then QNBK7DAY=2; |
| QNPA0DAY: |  |
| Numerator: | Students who answered A for Q79 |
| Denominator: | Students who answered A, B, C, D, E, F, G, or H for Q79 |
| Summary text: | Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) |
| Variable label: | Did not participate in at least 60 minutes of physical activity on at least 1 day |
| Dependence: | Depends on Q79 |
|  | if q79='1' then QNPA0DAY=1; <br> else if q79 in ('2','3','4','5','6', '7','8') then QNPA0DAY=2; |
| QNPA7DAY: |  |
| Numerator: | Students who answered H for Q79 |
| Denominator: | Students who answered A, B, C, D, E, F, G, or H for Q79 |
| Summary text: | Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) |
| Variable label: | Were physically active at least 60 minutes per day on all 7 days |
| Dependence: | Depends on Q79 |
| SAS code: | if q79=' 8 ' then QNPA7DAY $=1$; <br> else if q79 in (' 1 ', '2',' 3 ', ' 4 ',' $5^{\prime}$ ', 6 ',' 7 ’) then QNPA7DAY=2; |
| QNDLYPE: |  |
| Numerator: | Students who answered F for Q82 |
| Denominator: | Students who answered A, B, C, D, E, or F for Q82 |
| Summary text: | Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) |
| Variable label: | Attended physical education (PE) classes on all 5 days |
| Dependence: | Depends on Q82 |
| SAS code: | if Q82='6' then QNDLYPE=1; <br> else if Q82 in (' 1 ','2','3','4','5') then QNDLYPE=2; |

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| QNNODNT: |  |
| :---: | :---: |
| Numerator: | Students who answered D for Q86 |
| Denominator: | Students who answered A, B, C, D, or E for Q86 |
| Summary text: | Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) |
| Variable label: | Never saw a dentist |
| Dependence: | Depends on Q86 |
| QNSPDRK1: |  |
| Numerator: | Students who answered D, E, F, or G for Q92 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q92 |
| Summary text: | Percentage of students who drank a can, bottle, or glass of a sports drink one or more times per day (such as Gatorade or PowerAde, not counting low calorie sports drinks such as Propel or G2, during the 7 days before the survey) |
| Variable label: | Drank a can, bottle, or glass of a sports drink one or more times per day |
| Dependence: | Depends on Q92 |
| SAS code: | if q92 in ('4','5','6','7') then QNSPDRK1=1; else if q92 in (' 1 ','2','3') then QNSPDRK1=2; |
| QNSPDRK2: |  |
| Numerator: | Students who answered E, F, or G for Q92 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q92 |
| Summary text: | Percentage of students who drank a can, bottle, or glass of a sports drink two or more times per day (such as Gatorade or PowerAde, not counting low calorie sports drinks such as Propel or G2, during the 7 days before the survey) |
| Variable label: | Drank a can, bottle, or glass of a sports drink two or more times per day |
| Dependence: | Depends on Q92 |
| SAS code: | if q92 in ('5','6','7') then QNSPDRK2=1; else if q92 in ('1','2','3','4') then QNSPDRK2=2; |
| QNSPDRK3: |  |
| Numerator: | Students who answered F or G for Q92 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q92 |
| Summary text: | Percentage of students who drank a can, bottle, or glass of a sports drink three or more times per day (such as Gatorade or PowerAde, not counting low calorie sports drinks such as Propel or G2, during the 7 days before the survey) |
| Variable label: | Drank a can, bottle, or glass of a sports drink three or more times per day |
| Dependence: | Depends on Q92 |
| SAS code: | if q92 in ('6','7') then QNSPDRK3=1; <br> else if q92 in ('1','2','3','4','5') then QNSPDRK3=2; |
| QNWATER1: |  |
| Numerator: | Students who answered D, E, F, or G for Q93 |
| Denominator: | Students who answered A, B, C, D, E, F, or G for Q93 |
| Summary text: | Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) |
| Variable label: | Drank a bottle or glass of plain water one or more times per day |
| Dependence: | Depends on Q93 |
| SAS code: | if q93 in ('4','5','6','7') then QNWATER1=1; else if q93 in ('1','2','3') then QNWATER1=2; |

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## QNWATER2:

Numerator: $\quad$ Students who answered E, F, or G for Q93
Denominator:
Summary text:

Variable label: $\quad$ Drank a bottle or glass of plain water two or more times per day
Dependence: $\quad$ Depends on Q93

SAS code: $\quad$ if q93 in (' 5 ',' 6 ',' 7 ') then QNWATER2=1; else if q93 in ('1','2','3','4') then QNWATER2=2;

## QNWATER3:

Numerator:
Denominator:
Summary text:
$\begin{array}{ll}\text { Variable label: } & \text { Drank a bottle or glass of plain water three or more times per day } \\ \text { Dependence: } & \text { Depends on Q93 } \\ \text { SAS code: } & \text { if q93 in ('6','7') then QNWATER3=1; } \\ & \text { else if q93 in ('1','2','3','4','5') then QNWATER3=2; }\end{array}$

## Appendix C: National High School YRBS Codebook

| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 17-17 | Q1 |  |  |  |  |
|  |  | 1 | 12 years old or younger | 59 | 0.3 |
|  |  | 2 | 13 years old | 22 | 0.1 |
|  |  | 3 | 14 years old | 1,922 | 11.6 |
|  |  | 4 | 15 years old | 3,586 | 25.0 |
|  |  | 5 | 16 years old | 3,688 | 25.4 |
|  |  | 6 | 17 years old | 3,611 | 24.2 |
|  |  | 7 | 18 years old or older | 1,796 | 13.4 |
|  |  |  | Missing | 81 |  |
| 18-18 | Q2 |  |  |  |  |
|  |  | 1 | Female | 7,526 | 50.7 |
|  |  | 2 | Male | 7,112 | 49.3 |
|  |  |  | Missing | 127 |  |
| 19-19 | Q3 |  |  |  |  |
|  |  | 1 | 9th grade | 3,921 | 27.3 |
|  |  | 2 | 10th grade | 3,715 | 25.6 |
|  |  | 3 | 11th grade | 3,602 | 23.9 |
|  |  | 4 | 12th grade | 3,383 | 23.0 |
|  |  | 5 | Ungraded or other grade | 30 | 0.2 |
|  |  |  | Missing | 114 |  |
| 20-20 | Q4 |  |  |  |  |
|  |  | 1 | Yes | 3,653 | 22.7 |
|  |  | 2 | No | 10,857 | 77.3 |
|  |  |  | Missing | 255 |  |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 21-28 | Q5 |  |  |  |  |
|  |  | H |  | 6 | 0.0 |
|  |  | F |  | 3 | 0.0 |
|  |  | E |  | 7,519 | 67.6 |
|  |  | E G |  | 1 | 0.0 |
|  |  | EF |  | 1 | 0.0 |
|  |  | D |  | 252 | 1.6 |
|  |  | DE |  | 47 | 0.4 |
|  |  | C |  | 3,053 | 16.1 |
|  |  | C E |  | 283 | 2.5 |
|  |  | CD |  | 40 | 0.2 |
|  |  | CDE |  | 11 | 0.1 |
|  |  | B |  | 725 | 4.2 |
|  |  | B H |  | 1 | 0.0 |
|  |  | B E |  | 120 | 1.0 |
|  |  | B D |  | 31 | 0.2 |
|  |  | B DE |  | 20 | 0.1 |
|  |  | BC |  | 50 | 0.2 |
|  |  | BC E |  | 13 | 0.1 |
|  |  | BCD |  | 6 | 0.0 |
|  |  | BCDE |  | 1 | 0.0 |
|  |  | A |  | 458 | 3.0 |
|  |  | A F |  | 1 | 0.0 |
|  |  | A E |  | 185 | 1.4 |
|  |  | A D |  | 10 | 0.0 |
|  |  | A DE |  | 6 | 0.1 |
|  |  | A C |  | 89 | 0.4 |
|  |  | ACE |  | 57 | 0.4 |
|  |  | A CD |  | 4 | 0.0 |
|  |  | A CDE |  | 6 | 0.0 |
|  |  | AB |  | 5 | 0.0 |
|  |  | AB E |  | 10 | 0.1 |
|  |  | $A B D$ |  | 1 | 0.0 |
|  |  | AB DE |  | 1 | 0.0 |
|  |  | ABC |  | 3 | 0.0 |
|  |  | ABC E |  | 8 | 0.0 |
|  |  | ABCD |  | 2 | 0.0 |
|  |  | ABCDE |  | 17 | 0.1 |
|  |  |  |  | 1,719 |  |
| 29-32 | Q6 |  |  |  |  |
| 33-38 | Q7 |  |  |  |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 39-39 | Q8 |  |  |  |  |
|  |  | 1 | Never | 238 | 1.8 |
|  |  | 2 | Rarely | 520 | 4.1 |
|  |  | 3 | Sometimes | 1,196 | 8.8 |
|  |  | 4 | Most of the time | 3,174 | 26.5 |
|  |  | 5 | Always | 6,746 | 58.8 |
|  |  |  | Missing | 2,891 |  |
| 40-40 | Q9 |  |  |  |  |
|  |  | 1 | 0 times | 12,290 | 83.5 |
|  |  | 2 | 1 time | 1,034 | 7.3 |
|  |  | 3 | 2 or 3 times | 781 | 5.3 |
|  |  | 4 | 4 or 5 times | 181 | 1.1 |
|  |  | 5 | 6 or more times | 429 | 2.7 |
|  |  |  | Missing | 50 |  |
| 41-41 | Q10 |  |  |  |  |
|  |  | 1 | I did not drive a car or other vehicle during the past 30 days | 5,627 | 37.4 |
|  |  | 2 | 0 times | 7,606 | 59.1 |
|  |  | 3 | 1 time | 226 | 1.8 |
|  |  | 4 | 2 or 3 times | 125 | 0.8 |
|  |  | 5 | 4 or 5 times | 26 | 0.2 |
|  |  | 6 | 6 or more times | 85 | 0.6 |
|  |  |  | Missing | 1,070 |  |
| 42-42 | Q11 |  |  |  |  |
|  |  | 1 | I did not drive a car or other vehicle during the past 30 days | 5,632 | 37.2 |
|  |  | 2 | 0 days | 5,121 | 38.2 |
|  |  | 3 | 1 or 2 days | 1,000 | 8.0 |
|  |  | 4 | 3 to 5 days | 476 | 3.8 |
|  |  | 5 | 6 to 9 days | 297 | 2.6 |
|  |  | 6 | 10 to 19 days | 347 | 2.9 |
|  |  | 7 | 20 to 29 days | 227 | 2.1 |
|  |  | 8 | All 30 days | 702 | 5.2 |
|  |  |  | Missing | 963 |  |
| 43-43 | Q12 |  |  |  |  |
|  |  | 1 | 0 days | 10,027 | 84.3 |
|  |  | 2 | 1 day | 349 | 3.2 |
|  |  | 3 | 2 or 3 days | 398 | 3.6 |
|  |  | 4 | 4 or 5 days | 166 | 1.5 |
|  |  | 5 | 6 or more days | 798 | 7.3 |
|  |  |  | Missing | 3,027 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 44-44 | Q13 |  |  |  |  |
|  |  | 1 | 0 days | 13,903 | 96.2 |
|  |  | 2 | 1 day | 170 | 0.9 |
|  |  | 3 | 2 or 3 days | 119 | 0.7 |
|  |  | 4 | 4 or 5 days | 43 | 0.2 |
|  |  | 5 | 6 or more days | 272 | 1.9 |
|  |  |  | Missing | 258 |  |
| 45-45 | Q14 |  |  |  |  |
|  |  | 1 | 0 days | 13,467 | 95.2 |
|  |  | 2 | 1 day | 196 | 1.2 |
|  |  | 3 | 2 or 3 days | 174 | 1.3 |
|  |  | 4 | 4 or 5 days | 69 | 0.5 |
|  |  | 5 | 6 or more days | 289 | 1.9 |
|  |  |  | Missing | 570 |  |
| 46-46 | Q15 |  |  |  |  |
|  |  | 1 | 0 days | 11,324 | 93.3 |
|  |  | 2 | 1 day | 461 | 3.6 |
|  |  | 3 | 2 or 3 days | 233 | 2.0 |
|  |  | 4 | 4 or 5 days | 53 | 0.4 |
|  |  | 5 | 6 or more days | 100 | 0.8 |
|  |  |  | Missing | 2,594 |  |
| 47-47 | Q16 |  |  |  |  |
|  |  | 1 | 0 times | 13,768 | 94.0 |
|  |  | 2 | 1 time | 429 | 2.7 |
|  |  | 3 | 2 or 3 times | 217 | 1.5 |
|  |  | 4 | 4 or 5 times | 84 | 0.5 |
|  |  | 5 | 6 or 7 times | 44 | 0.3 |
|  |  | 6 | 8 or 9 times | 26 | 0.2 |
|  |  | 7 | 10 or 11 times | 13 | 0.1 |
|  |  | 8 | 12 or more times | 121 | 0.8 |
|  |  |  | Missing | 63 |  |
| 48-48 | Q17 |  |  |  |  |
|  |  | 1 | 0 times | 9,239 | 76.4 |
|  |  | 2 | 1 time | 1,241 | 10.3 |
|  |  | 3 | 2 or 3 times | 947 | 7.8 |
|  |  | 4 | 4 or 5 times | 247 | 2.2 |
|  |  | 5 | 6 or 7 times | 113 | 0.9 |
|  |  | 6 | 8 or 9 times | 64 | 0.5 |
|  |  | 7 | 10 or 11 times | 34 | 0.3 |
|  |  | 8 | 12 or more times | 172 | 1.6 |
|  |  |  | Missing | 2,708 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 49-49 | Q18 |  |  |  |  |
|  |  | 1 | 0 times | 13,177 | 91.5 |
|  |  | 2 | 1 time | 810 | 5.6 |
|  |  | 3 | 2 or 3 times | 304 | 1.9 |
|  |  | 4 | 4 or 5 times | 66 | 0.4 |
|  |  | 5 | 6 or 7 times | 27 | 0.1 |
|  |  | 6 | 8 or 9 times | 8 | 0.0 |
|  |  | 7 | 10 or 11 times | 7 | 0.0 |
|  |  | 8 | 12 or more times | 79 | 0.5 |
|  |  |  | Missing | 287 |  |
| 50-50 | Q19 |  |  |  |  |
|  |  | 1 | Yes | 1,104 | 7.4 |
|  |  | 2 | No | 13,336 | 92.6 |
|  |  |  | Missing | 325 |  |
| 51-51 | Q20 |  |  |  |  |
|  |  | 1 | 0 times | 12,724 | 90.3 |
|  |  | 2 | 1 time | 670 | 4.6 |
|  |  | 3 | 2 or 3 times | 465 | 3.2 |
|  |  | 4 | 4 or 5 times | 93 | 0.7 |
|  |  | 5 | 6 or more times | 193 | 1.3 |
|  |  |  | Missing | 620 |  |
| 52-52 | Q21 |  |  |  |  |
|  |  | 1 | I did not date or go out with anyone during the past 12 months | 4,541 | 31.7 |
|  |  | 2 | 0 times | 8,603 | 63.6 |
|  |  | 3 | 1 time | 313 | 2.2 |
|  |  | 4 | 2 or 3 times | 165 | 1.4 |
|  |  | 5 | 4 or 5 times | 41 | 0.3 |
|  |  | 6 | 6 or more times | 109 | 0.7 |
|  |  |  | Missing | 993 |  |
| 53-53 | Q22 |  |  |  |  |
|  |  | 1 | I did not date or go out with anyone during the past 12 months | 4,532 | 31.0 |
|  |  | 2 | 0 times | 8,709 | 63.5 |
|  |  | 3 | 1 time | 345 | 2.1 |
|  |  | 4 | 2 or 3 times | 255 | 1.7 |
|  |  | 5 | 4 or 5 times | 91 | 0.6 |
|  |  | 6 | 6 or more times | 153 | 1.1 |
|  |  |  | Missing | 680 |  |
| 54-54 | Q23 |  |  |  |  |
|  |  | 1 | Yes | 2,665 | 19.0 |
|  |  | 2 | No | 11,941 | 81.0 |
|  |  |  | Missing | 159 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 55-55 | Q24 |  |  |  |  |
|  |  | 1 | Yes | 2,113 | 14.9 |
|  |  | 2 | No | 12,482 | 85.1 |
|  |  |  | Missing | 170 |  |
| 56-56 | Q25 |  |  |  |  |
|  |  | 1 | Yes | 4,631 | 31.5 |
|  |  | 2 | No | 9,896 | 68.5 |
|  |  |  | Missing | 238 |  |
| 57-57 | Q26 |  |  |  |  |
|  |  | 1 | Yes | 2,571 | 17.2 |
|  |  | 2 | No | 11,982 | 82.8 |
|  |  |  | Missing | 212 |  |
| 58-58 | Q27 |  |  |  |  |
|  |  | 1 | Yes | 2,030 | 13.6 |
|  |  | 2 | No | 12,511 | 86.4 |
|  |  |  | Missing | 224 |  |
| 59-59 | Q28 |  |  |  |  |
|  |  | 1 | 0 times | 9,849 | 92.6 |
|  |  | 2 | 1 time | 411 | 3.6 |
|  |  | 3 | 2 or 3 times | 278 | 2.4 |
|  |  | 4 | 4 or 5 times | 63 | 0.5 |
|  |  | 5 | 6 or more times | 85 | 0.8 |
|  |  |  | Missing | 4,079 |  |
| 60-60 | Q29 |  |  |  |  |
|  |  | 1 | I did not attempt suicide during the past 12 months | 9,779 | 92.5 |
|  |  | 2 | Yes | 286 | 2.4 |
|  |  | 3 | No | 555 | 5.0 |
|  |  |  | Missing | 4,145 |  |
| 61-61 | Q30 |  |  |  |  |
|  |  | 1 | Yes | 3,316 | 28.9 |
|  |  | 2 | No | 8,596 | 71.1 |
|  |  |  | Missing | 2,853 |  |
| 62-62 | Q31 |  |  |  |  |
|  |  | 1 | I have never tried cigarette smoking, not even one or two puffs | 8,593 | 71.1 |
|  |  | 2 | 8 years old or younger | 293 | 2.6 |
|  |  | 3 | 9 or 10 years old | 270 | 2.5 |
|  |  | 4 | 11 or 12 years old | 513 | 4.5 |
|  |  | 5 | 13 or 14 years old | 1,015 | 8.7 |
|  |  | 6 | 15 or 16 years old | 972 | 8.4 |
|  |  | 7 | 17 years old or older | 258 | 2.3 |
|  |  |  | Missing | 2,851 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 63-63 | Q32 |  |  |  |  |
|  |  | 1 | 0 days | 13,184 | 91.2 |
|  |  | 2 | 1 or 2 days | 424 | 3.0 |
|  |  | 3 | 3 to 5 days | 199 | 1.3 |
|  |  | 4 | 6 to 9 days | 138 | 1.0 |
|  |  | 5 | 10 to 19 days | 129 | 0.9 |
|  |  | 6 | 20 to 29 days | 80 | 0.6 |
|  |  | 7 | All 30 days | 253 | 2.0 |
|  |  |  | Missing | 358 |  |
| 64-64 | Q33 |  |  |  |  |
|  |  | 1 | I did not smoke cigarettes during the past 30 days | 10,746 | 91.0 |
|  |  | 2 | Less than 1 cigarette per day | 282 | 2.6 |
|  |  | 3 | 1 cigarette per day | 188 | 1.6 |
|  |  | 4 | 2 to 5 cigarettes per day | 319 | 3.1 |
|  |  | 5 | 6 to 10 cigarettes per day | 73 | 0.8 |
|  |  | 6 | 11 to 20 cigarettes per day | 29 | 0.3 |
|  |  | 7 | More than 20 cigarettes per day | 49 | 0.6 |
|  |  |  | Missing | 3,079 |  |
| 65-65 | Q34 |  |  |  |  |
|  |  | 1 | Yes | 5,907 | 42.2 |
|  |  | 2 | No | 8,406 | 57.8 |
|  |  |  | Missing | 452 |  |
| 66-66 | Q35 |  |  |  |  |
|  |  | 1 | 0 days | 11,178 | 86.8 |
|  |  | 2 | 1 or 2 days | 610 | 4.6 |
|  |  | 3 | 3 to 5 days | 304 | 2.2 |
|  |  | 4 | 6 to 9 days | 190 | 1.5 |
|  |  | 5 | 10 to 19 days | 175 | 1.6 |
|  |  | 6 | 20 to 29 days | 114 | 0.9 |
|  |  | 7 | All 30 days | 273 | 2.4 |
|  |  |  | Missing | 1,921 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 67-67 | Q36 |  |  |  |  |
|  |  | 1 | I did not use any electronic vapor products during the past 30 days | 10,989 | 86.8 |
|  |  | 2 | I bought them in a store such as a convenience store, supermarket, discount store, gas station, or vape store | 334 | 2.9 |
|  |  | 3 | I got them on the Internet | 130 | 0.9 |
|  |  | 4 | I gave someone else money to buy them for me | 176 | 1.4 |
|  |  | 5 | I borrowed them from someone else | 602 | 4.6 |
|  |  | 6 | A person 18 years old or older gave them to me | 141 | 1.2 |
|  |  | 7 | I took them from a store or another person | 37 | 0.4 |
|  |  | 8 | I got them some other way | 219 | 1.9 |
|  |  |  | Missing | 2,137 |  |
| 68-68 | Q37 |  |  |  |  |
|  |  | 1 | 0 days | 13,742 | 94.5 |
|  |  | 2 | 1 or 2 days | 217 | 1.6 |
|  |  | 3 | 3 to 5 days | 104 | 0.7 |
|  |  | 4 | 6 to 9 days | 75 | 0.5 |
|  |  | 5 | 10 to 19 days | 76 | 0.6 |
|  |  | 6 | 20 to 29 days | 48 | 0.5 |
|  |  | 7 | All 30 days | 209 | 1.6 |
|  |  |  | Missing | 294 |  |
| 69-69 | Q38 |  |  |  |  |
|  |  | 1 | 0 days | 13,282 | 92.0 |
|  |  | 2 | 1 or 2 days | 456 | 3.4 |
|  |  | 3 | 3 to 5 days | 227 | 1.6 |
|  |  | 4 | 6 to 9 days | 153 | 1.1 |
|  |  | 5 | 10 to 19 days | 95 | 0.7 |
|  |  | 6 | 20 to 29 days | 46 | 0.3 |
|  |  | 7 | All 30 days | 152 | 1.0 |
|  |  |  | Missing | 354 |  |
| 70-70 | Q39 |  |  |  |  |
|  |  | 1 | I did not use any tobacco products during the past 12 months | 7,916 | 75.8 |
|  |  | 2 | Yes | 970 | 10.0 |
|  |  | 3 | No | 1,417 | 14.2 |
|  |  |  | Missing | 4,462 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 71-71 | Q40 |  |  |  |  |
|  |  | 1 | 0 days | 5,528 | 39.6 |
|  |  | 2 | 1 or 2 days | 2,384 | 16.7 |
|  |  | 3 | 3 to 9 days | 2,276 | 16.4 |
|  |  | 4 | 10 to 19 days | 1,292 | 9.7 |
|  |  | 5 | 20 to 39 days | 951 | 7.1 |
|  |  | 6 | 40 to 99 days | 656 | 5.1 |
|  |  | 7 | 100 or more days | 692 | 5.4 |
|  |  |  | Missing | 986 |  |
| 72-72 | Q41 |  |  |  |  |
|  |  | 1 | I have never had a drink of alcohol other than a few sips | 5,995 | 43.5 |
|  |  | 2 | 8 years old or younger | 674 | 4.8 |
|  |  | 3 | 9 or 10 years old | 545 | 3.8 |
|  |  | 4 | 11 or 12 years old | 951 | 6.9 |
|  |  | 5 | 13 or 14 years old | 2,352 | 17.1 |
|  |  | 6 | 15 or 16 years old | 2,607 | 20.1 |
|  |  | 7 | 17 years old or older | 482 | 3.7 |
|  |  |  | Missing | 1,159 |  |
| 73-73 | Q42 |  |  |  |  |
|  |  | 1 | 0 days | 9,224 | 70.2 |
|  |  | 2 | 1 or 2 days | 2,103 | 16.4 |
|  |  | 3 | 3 to 5 days | 808 | 6.6 |
|  |  | 4 | 6 to 9 days | 451 | 3.6 |
|  |  | 5 | 10 to 19 days | 260 | 2.2 |
|  |  | 6 | 20 to 29 days | 59 | 0.4 |
|  |  | 7 | All 30 days | 79 | 0.6 |
|  |  |  | Missing | 1,781 |  |
| 74-74 | Q43 |  |  |  |  |
|  |  | 1 | I did not drink alcohol during the past 30 days | 7,317 | 69.5 |
|  |  | 2 | I bought it in a store such as a liquor store, convenience store, supermarket, discount store, or gas station | 143 | 1.2 |
|  |  | 3 | I bought it at a restaurant, bar, or club | 41 | 0.3 |
|  |  | 4 | I bought it at a public event such as a concert or sporting event | 24 | 0.2 |
|  |  | 5 | I gave someone else money to buy it for me | 582 | 6.0 |
|  |  | 6 | Someone gave it to me | 1,324 | 13.1 |
|  |  | 7 | I took it from a store or family member | 388 | 3.8 |
|  |  | 8 | I got it some other way | 571 | 5.9 |
|  |  |  | Missing | 4,375 |  |


| Data <br> Location <br> Variable <br> Name |  | Question <br> Code and Label | Unweighted <br> Frequency | Weighted <br> Percentage |
| :--- | :--- | :--- | :--- | :--- |
| $75-75$ |  |  |  |  |
|  |  |  |  |  |
|  | Q44 | 1 | 0 days | 11,903 |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 79-79 | Q48 |  |  |  |  |
|  |  | 1 | 0 times | 11,520 | 80.2 |
|  |  | 2 | 1 or 2 times | 1,002 | 6.7 |
|  |  | 3 | 3 to 9 times | 730 | 5.0 |
|  |  | 4 | 10 to 19 times | 331 | 2.3 |
|  |  | 5 | 20 to 39 times | 266 | 1.8 |
|  |  | 6 | 40 or more times | 537 | 3.9 |
|  |  |  | Missing | 379 |  |
| 80-80 | Q49 |  |  |  |  |
|  |  | 1 | 0 times | 13,789 | 95.2 |
|  |  | 2 | 1 or 2 times | 343 | 2.4 |
|  |  | 3 | 3 to 9 times | 128 | 0.8 |
|  |  | 4 | 10 to 19 times | 84 | 0.4 |
|  |  | 5 | 20 to 39 times | 46 | 0.3 |
|  |  | 6 | 40 or more times | 118 | 0.9 |
|  |  |  | Missing | 257 |  |
| 81-81 | Q50 |  |  |  |  |
|  |  | 1 | 0 times | 11,197 | 93.8 |
|  |  | 2 | 1 or 2 times | 382 | 3.2 |
|  |  | 3 | 3 to 9 times | 157 | 1.2 |
|  |  | 4 | 10 to 19 times | 67 | 0.5 |
|  |  | 5 | 20 to 39 times | 46 | 0.4 |
|  |  | 6 | 40 or more times | 98 | 1.0 |
|  |  |  | Missing | 2,818 |  |
| 82-82 | Q51 |  |  |  |  |
|  |  | 1 | 0 times | 14,087 | 98.3 |
|  |  | 2 | 1 or 2 times | 102 | 0.6 |
|  |  | 3 | 3 to 9 times | 51 | 0.2 |
|  |  | 4 | 10 to 19 times | 29 | 0.2 |
|  |  | 5 | 20 to 39 times | 19 | 0.1 |
|  |  | 6 | 40 or more times | 92 | 0.7 |
|  |  |  | Missing | 385 |  |
| 83-83 | Q52 |  |  |  |  |
|  |  | 1 | 0 times | 13,994 | 97.5 |
|  |  | 2 | 1 or 2 times | 150 | 0.9 |
|  |  | 3 | 3 to 9 times | 67 | 0.4 |
|  |  | 4 | 10 to 19 times | 43 | 0.2 |
|  |  | 5 | 20 to 39 times | 27 | 0.1 |
|  |  | 6 | 40 or more times | 97 | 0.8 |
|  |  |  | Missing | 387 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 84-84 | Q53 |  |  |  |  |
|  |  | 1 | 0 times | 13,761 | 96.0 |
|  |  | 2 | 1 or 2 times | 302 | 2.1 |
|  |  | 3 | 3 to 9 times | 117 | 0.7 |
|  |  | 4 | 10 to 19 times | 62 | 0.4 |
|  |  | 5 | 20 to 39 times | 25 | 0.1 |
|  |  | 6 | 40 or more times | 84 | 0.6 |
|  |  |  | Missing | 414 |  |
| 85-85 | Q54 |  |  |  |  |
|  |  | 1 | 0 times | 13,386 | 93.1 |
|  |  | 2 | 1 or 2 times | 548 | 3.8 |
|  |  | 3 | 3 to 9 times | 197 | 1.5 |
|  |  | 4 | 10 to 19 times | 73 | 0.5 |
|  |  | 5 | 20 to 39 times | 34 | 0.3 |
|  |  | 6 | 40 or more times | 123 | 0.9 |
|  |  |  | Missing | 404 |  |
| 86-86 | Q55 |  |  |  |  |
|  |  | 1 | 0 times | 11,708 | 97.1 |
|  |  | 2 | 1 or 2 times | 152 | 1.2 |
|  |  | 3 | 3 to 9 times | 80 | 0.6 |
|  |  | 4 | 10 to 19 times | 38 | 0.3 |
|  |  | 5 | 20 to 39 times | 22 | 0.2 |
|  |  | 6 | 40 or more times | 68 | 0.6 |
|  |  |  | Missing | 2,697 |  |
| 87-87 | Q56 |  |  |  |  |
|  |  | 1 | 0 times | 12,459 | 86.0 |
|  |  | 2 | 1 or 2 times | 908 | 6.3 |
|  |  | 3 | 3 to 9 times | 532 | 3.5 |
|  |  | 4 | 10 to 19 times | 274 | 1.8 |
|  |  | 5 | 20 to 39 times | 122 | 0.8 |
|  |  | 6 | 40 or more times | 215 | 1.5 |
|  |  |  | Missing | 255 |  |
| 88-88 | Q57 |  |  |  |  |
|  |  | 1 | 0 times | 14,065 | 98.5 |
|  |  | 2 | 1 time | 125 | 0.6 |
|  |  | 3 | 2 or more times | 133 | 0.8 |
|  |  |  | Missing | 442 |  |
| 89-89 | Q58 |  |  |  |  |
|  |  | 1 | Yes | 2,982 | 19.8 |
|  |  | 2 | No | 11,466 | 80.2 |
|  |  |  | Missing | 317 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 90-90 | Q59 |  |  |  |  |
|  |  | 1 | Yes | 5,192 | 39.5 |
|  |  | 2 | No | 8,068 | 60.5 |
|  |  |  | Missing | 1,505 |  |
| 91-91 | Q60 |  |  |  |  |
|  |  | 1 | I have never had sexual intercourse | 8,046 | 60.6 |
|  |  | 2 | 11 years old or younger | 290 | 2.0 |
|  |  | 3 | 12 years old | 200 | 1.4 |
|  |  | 4 | 13 years old | 484 | 3.4 |
|  |  | 5 | 14 years old | 1,033 | 7.9 |
|  |  | 6 | 15 years old | 1,435 | 10.9 |
|  |  | 7 | 16 years old | 1,154 | 9.3 |
|  |  | 8 | 17 years old or older | 563 | 4.4 |
|  |  |  | Missing | 1,560 |  |
| 92-92 | Q61 |  |  |  |  |
|  |  | 1 | I have never had sexual intercourse | 8,039 | 60.6 |
|  |  | 2 | 1 person | 2,171 | 16.6 |
|  |  | 3 | 2 people | 1,075 | 8.3 |
|  |  | 4 | 3 people | 632 | 4.7 |
|  |  | 5 | 4 people | 380 | 2.9 |
|  |  | 6 | 5 people | 221 | 1.9 |
|  |  | 7 | 6 or more people | 660 | 4.9 |
|  |  |  | Missing | 1,587 |  |
| 93-93 | Q62 |  |  |  |  |
|  |  | 1 | I have never had sexual intercourse | 7,949 | 60.5 |
|  |  | 2 | I have had sexual intercourse, but not during the past 3 months | 1,398 | 10.9 |
|  |  | 3 | 1 person | 2,899 | 22.6 |
|  |  | 4 | 2 people | 433 | 3.4 |
|  |  | 5 | 3 people | 175 | 1.2 |
|  |  | 6 | 4 people | 71 | 0.5 |
|  |  | 7 | 5 people | 25 | 0.1 |
|  |  | 8 | 6 or more people | 129 | 0.9 |
|  |  |  | Missing | 1,686 |  |
| 94-94 | Q63 |  |  |  |  |
|  |  | 1 | I have never had sexual intercourse | 8,017 | 60.4 |
|  |  | 2 | Yes | 911 | 7.0 |
|  |  | 3 | No | 4,263 | 32.6 |
|  |  |  | Missing | 1,574 |  |
| 95-95 | Q64 |  |  |  |  |
|  |  | 1 | I have never had sexual intercourse | 8,020 | 60.9 |
|  |  | 2 | Yes | 2,931 | 22.5 |
|  |  | 3 | No | 2,123 | 16.7 |
|  |  |  | Missing | 1,691 |  |


| $\begin{gathered} \text { Data } \\ \text { Location } \end{gathered}$ | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 96-96 | Q65 |  |  |  |  |
|  |  | 1 | I have never had sexual intercourse | 8,026 | 61.5 |
|  |  | 2 | No method was used to prevent pregnancy | 753 | 5.4 |
|  |  | 3 | Birth control pills | 789 | 6.9 |
|  |  | 4 | Condoms | 2,337 | 18.0 |
|  |  | 5 | An IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) | 176 | 1.4 |
|  |  | 6 | A shot (such as Depo-Provera), patch (such as Ortho Evra), or birth control ring (such as NuvaRing) | 185 | 1.5 |
|  |  | 7 | Withdrawal or some other method | 503 | 3.8 |
|  |  | 8 | Not sure | 198 | 1.6 |
|  |  |  | Missing | 1,798 |  |
| 97-97 | Q66 |  |  |  |  |
|  |  | 1 | I have never had sexual contact | 5,404 | 47.8 |
|  |  | 2 | Females | 2,947 | 25.8 |
|  |  | 3 | Males | 2,434 | 21.0 |
|  |  | 4 | Females and males | 612 | 5.4 |
|  |  |  | Missing | 3,368 |  |
| 98-98 | Q67 |  |  |  |  |
|  |  | 1 | Heterosexual (straight) | 12,012 | 85.4 |
|  |  | 2 | Gay or lesbian | 357 | 2.4 |
|  |  | 3 | Bisexual | 1,137 | 8.0 |
|  |  | 4 | Not sure | 602 | 4.2 |
|  |  |  | Missing | 657 |  |
| 99-99 | Q68 |  |  |  |  |
|  |  | 1 | Very underweight | 389 | 2.0 |
|  |  | 2 | Slightly underweight | 1,896 | 13.6 |
|  |  | 3 | About the right weight | 7,320 | 52.8 |
|  |  | 4 | Slightly overweight | 3,668 | 26.4 |
|  |  | 5 | Very overweight | 713 | 5.1 |
|  |  |  | Missing | 779 |  |
| 100-100 | Q69 |  |  |  |  |
|  |  | 1 | Lose weight | 5,462 | 47.1 |
|  |  | 2 | Gain weight | 2,247 | 18.7 |
|  |  | 3 | Stay the same weight | 1,833 | 16.2 |
|  |  | 4 | I am not trying to do anything about my weight | 1,999 | 18.0 |
|  |  |  | Missing | 3,224 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 101-101 | Q70 |  |  |  |  |
|  |  | 1 | I did not drink 100\% fruit juice during the past 7 days | 3,923 | 27.0 |
|  |  | 2 | 1 to 3 times during the past 7 days | 5,420 | 37.5 |
|  |  | 3 | 4 to 6 times during the past 7 days | 2,103 | 14.9 |
|  |  | 4 | 1 time per day | 899 | 6.6 |
|  |  | 5 | 2 times per day | 923 | 6.7 |
|  |  | 6 | 3 times per day | 434 | 2.7 |
|  |  | 7 | 4 or more times per day | 691 | 4.6 |
|  |  |  | Missing | 372 |  |
| 102-102 | Q71 |  |  |  |  |
|  |  | 1 | I did not eat fruit during the past 7 days | 1,758 | 11.1 |
|  |  | 2 | 1 to 3 times during the past 7 days | 4,913 | 33.5 |
|  |  | 3 | 4 to 6 times during the past 7 days | 3,030 | 21.8 |
|  |  | 4 | 1 time per day | 1,473 | 10.5 |
|  |  | 5 | 2 times per day | 1,578 | 11.7 |
|  |  | 6 | 3 times per day | 704 | 5.1 |
|  |  | 7 | 4 or more times per day | 933 | 6.4 |
|  |  |  | Missing | 376 |  |
| 103-103 | Q72 |  |  |  |  |
|  |  | 1 | I did not eat green salad during the past 7 days | 5,972 | 40.7 |
|  |  | 2 | 1 to 3 times during the past 7 days | 5,246 | 37.9 |
|  |  | 3 | 4 to 6 times during the past 7 days | 1,307 | 10.2 |
|  |  | 4 | 1 time per day | 830 | 6.3 |
|  |  | 5 | 2 times per day | 321 | 2.4 |
|  |  | 6 | 3 times per day | 104 | 0.7 |
|  |  | 7 | 4 or more times per day | 245 | 1.7 |
|  |  |  | Missing | 740 |  |
| 104-104 | Q73 |  |  |  |  |
|  |  | 1 | I did not eat potatoes during the past 7 days | 5,155 | 34.6 |
|  |  | 2 | 1 to 3 times during the past 7 days | 6,432 | 47.2 |
|  |  | 3 | 4 to 6 times during the past 7 days | 1,365 | 10.4 |
|  |  | 4 | 1 time per day | 479 | 3.7 |
|  |  | 5 | 2 times per day | 239 | 1.7 |
|  |  | 6 | 3 times per day | 110 | 0.6 |
|  |  | 7 | 4 or more times per day | 247 | 1.7 |
|  |  |  | Missing | 738 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 105-105 | Q74 |  |  |  |  |
|  |  | 1 | I did not eat carrots during the past 7 days | 7,890 | 54.7 |
|  |  | 2 | 1 to 3 times during the past 7 days | 4,364 | 32.2 |
|  |  | 3 | 4 to 6 times during the past 7 days | 872 | 6.8 |
|  |  | 4 | 1 time per day | 417 | 3.0 |
|  |  | 5 | 2 times per day | 193 | 1.4 |
|  |  | 6 | 3 times per day | 79 | 0.5 |
|  |  | 7 | 4 or more times per day | 174 | 1.4 |
|  |  |  | Missing | 776 |  |
| 106-106 | Q75 |  |  |  |  |
|  |  | 1 | I did not eat other vegetables during the past 7 days | 2,720 | 18.5 |
|  |  | 2 | 1 to 3 times during the past 7 days | 5,242 | 37.9 |
|  |  | 3 | 4 to 6 times during the past 7 days | 3,002 | 22.0 |
|  |  | 4 | 1 time per day | 1,401 | 10.3 |
|  |  | 5 | 2 times per day | 885 | 6.6 |
|  |  | 6 | 3 times per day | 293 | 2.0 |
|  |  | 7 | 4 or more times per day | 392 | 2.8 |
|  |  |  | Missing | 830 |  |
| 107-107 | Q76 |  |  |  |  |
|  |  | 1 | I did not drink soda or pop during the past 7 days | 3,978 | 27.8 |
|  |  | 2 | 1 to 3 times during the past 7 days | 5,461 | 37.6 |
|  |  | 3 | 4 to 6 times during the past 7 days | 2,215 | 15.8 |
|  |  | 4 | 1 time per day | 892 | 6.3 |
|  |  | 5 | 2 times per day | 761 | 5.4 |
|  |  | 6 | 3 times per day | 402 | 2.6 |
|  |  | 7 | 4 or more times per day | 595 | 4.5 |
|  |  |  | Missing | 461 |  |
| 108-108 | Q77 |  |  |  |  |
|  |  | 1 | I did not drink milk during the past 7 days | 3,340 | 26.7 |
|  |  | 2 | 1 to 3 glasses during the past 7 days | 3,399 | 29.0 |
|  |  | 3 | 4 to 6 glasses during the past 7 days | 1,522 | 13.0 |
|  |  | 4 | 1 glass per day | 1,570 | 13.7 |
|  |  | 5 | 2 glasses per day | 1,093 | 9.6 |
|  |  | 6 | 3 glasses per day | 440 | 3.8 |
|  |  | 7 | 4 or more glasses per day | 496 | 4.1 |
|  |  |  | Missing | 2,905 |  |


| Data <br> Location <br> Variable <br> Name |  | Question <br> Code and Label | Unweighted <br> Frequency | Weighted <br> Percentage |
| :--- | :--- | :--- | :--- | ---: |
|  | Q78 |  |  |  |
|  |  |  |  |  |
|  |  | 1 | 0 days | 1,726 |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 113-113 | Q82 |  |  |  |  |
|  |  | 1 | 0 days | 7,353 | 48.3 |
|  |  | 2 | 1 day | 351 | 2.8 |
|  |  | 3 | 2 days | 718 | 5.2 |
|  |  | 4 | 3 days | 1,641 | 11.5 |
|  |  | 5 | 4 days | 298 | 2.3 |
|  |  | 6 | 5 days | 3,790 | 29.9 |
|  |  |  | Missing | 614 |  |
| 114-114 | Q83 |  |  |  |  |
|  |  | 1 | 0 teams | 5,307 | 45.7 |
|  |  | 2 | 1 team | 3,183 | 26.4 |
|  |  | 3 | 2 teams | 1,969 | 16.8 |
|  |  | 4 | 3 or more teams | 1,261 | 11.1 |
|  |  |  | Missing | 3,045 |  |
| 115-115 | Q84 |  |  |  |  |
|  |  | 1 | 0 times | 12,017 | 84.9 |
|  |  | 2 | 1 time | 1,241 | 9.1 |
|  |  | 3 | 2 times | 446 | 3.0 |
|  |  | 4 | 3 times | 153 | 1.0 |
|  |  | 5 | 4 or more times | 280 | 2.0 |
|  |  |  | Missing | 628 |  |
| 116-116 | Q85 |  |  |  |  |
|  |  | 1 | Yes | 1,508 | 9.3 |
|  |  | 2 | No | 10,938 | 78.3 |
|  |  | 3 | Not sure | 1,695 | 12.4 |
|  |  |  | Missing | 624 |  |
| 117-117 | Q86 |  |  |  |  |
|  |  | 1 | During the past 12 months | 10,672 | 75.7 |
|  |  | 2 | Between 12 and 24 months ago | 1,615 | 10.7 |
|  |  | 3 | More than 24 months ago | 687 | 4.8 |
|  |  | 4 | Never | 220 | 1.5 |
|  |  | 5 | Not sure | 1,007 | 7.3 |
|  |  |  | Missing | 564 |  |
| 118-118 | Q87 |  |  |  |  |
|  |  | 1 | Yes | 3,234 | 22.5 |
|  |  | 2 | No | 10,007 | 73.3 |
|  |  | 3 | Not sure | 584 | 4.2 |
|  |  |  | Missing | 940 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 119-119 | Q88 |  |  |  |  |
|  |  | 1 | 4 or less hours | 1,052 | 8.6 |
|  |  | 2 | 5 hours | 1,553 | 12.7 |
|  |  | 3 | 6 hours | 2,961 | 24.4 |
|  |  | 4 | 7 hours | 3,322 | 28.9 |
|  |  | 5 | 8 hours | 2,235 | 19.4 |
|  |  | 6 | 9 hours | 516 | 4.5 |
|  |  | 7 | 10 or more hours | 172 | 1.5 |
|  |  |  | Missing | 2,954 |  |
| 120-120 | Q89 |  |  |  |  |
|  |  | 1 | Mostly A's | 4,260 | 37.8 |
|  |  | 2 | Mostly B's | 4,384 | 36.8 |
|  |  | 3 | Mostly C's | 2,062 | 16.6 |
|  |  | 4 | Mostly D's | 377 | 3.5 |
|  |  | 5 | Mostly F's | 149 | 1.4 |
|  |  | 6 | None of these grades | 50 | 0.5 |
|  |  | 7 | Not sure | 392 | 3.4 |
|  |  |  | Missing | 3,091 |  |
| 121-121 | Q90 |  |  |  |  |
|  |  | 1 | I did not drive a car or other vehicle during the past 30 days | 4,096 | 35.5 |
|  |  | 2 | 0 times | 6,190 | 56.1 |
|  |  | 3 | 1 time | 247 | 2.0 |
|  |  | 4 | 2 or 3 times | 252 | 2.2 |
|  |  | 5 | 4 or 5 times | 100 | 0.8 |
|  |  | 6 | 6 or more times | 370 | 3.3 |
|  |  |  | Missing | 3,510 |  |
| 122-122 | Q91 |  |  |  |  |
|  |  | 1 | 0 times | 10,191 | 93.4 |
|  |  | 2 | 1 or 2 times | 377 | 3.6 |
|  |  | 3 | 3 to 9 times | 153 | 1.4 |
|  |  | 4 | 10 to 19 times | 52 | 0.5 |
|  |  | 5 | 20 to 39 times | 31 | 0.3 |
|  |  | 6 | 40 or more times | 70 | 0.7 |
|  |  |  | Missing | 3,891 |  |
| 123-123 | Q92 |  |  |  |  |
|  |  | 1 | I did not drink sports drinks during the past 7 days | 5,109 | 47.7 |
|  |  | 2 | 1 to 3 times during the past 7 days | 3,218 | 29.4 |
|  |  | 3 | 4 to 6 times during the past 7 days | 1,160 | 10.5 |
|  |  | 4 | 1 time per day | 533 | 4.8 |
|  |  | 5 | 2 times per day | 384 | 3.4 |
|  |  | 6 | 3 times per day | 186 | 1.4 |
|  |  | 7 | 4 or more times per day | 298 | 2.7 |
|  |  |  | Missing | 3,877 |  |


| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 124-124 | Q93 |  |  |  |  |
|  |  | 1 | I did not drink water during the past 7 days | 470 | 3.8 |
|  |  | 2 | 1 to 3 times during the past 7 days | 1,043 | 9.6 |
|  |  | 3 | 4 to 6 times during the past 7 days | 1,217 | 11.3 |
|  |  | 4 | 1 time per day | 912 | 8.6 |
|  |  | 5 | 2 times per day | 1,642 | 15.5 |
|  |  | 6 | 3 times per day | 1,739 | 16.3 |
|  |  | 7 | 4 or more times per day | 3,675 | 34.9 |
|  |  |  | Missing | 4,067 |  |
| 125-125 | Q94 |  |  |  |  |
|  |  | 1 | Yes | 1,637 | 15.2 |
|  |  | 2 | No | 7,880 | 74.2 |
|  |  | 3 | Not sure | 1,187 | 10.6 |
|  |  |  | Missing | 4,061 |  |
| 126-126 | Q95 |  |  |  |  |
|  |  | 1 | 0 days | 3,194 | 28.7 |
|  |  | 2 | 1 day | 927 | 8.6 |
|  |  | 3 | 2 days | 1,268 | 11.6 |
|  |  | 4 | 3 days | 1,299 | 12.3 |
|  |  | 5 | 4 days | 886 | 8.4 |
|  |  | 6 | 5 days | 1,201 | 11.5 |
|  |  | 7 | 6 days | 415 | 4.1 |
|  |  | 8 | 7 days | 1,523 | 14.7 |
|  |  |  | Missing | 4,052 |  |
| 127-127 | Q96 |  |  |  |  |
|  |  | 1 | 0 times | 12,287 | 94.4 |
|  |  | 2 | 1 or 2 times | 263 | 1.7 |
|  |  | 3 | 3 to 9 times | 187 | 1.5 |
|  |  | 4 | 10 to 19 times | 111 | 1.0 |
|  |  | 5 | 20 to 39 times | 70 | 0.6 |
|  |  | 6 | 40 or more times | 96 | 0.8 |
|  |  |  | Missing | 1,751 |  |
| 128-128 | Q97 |  |  |  |  |
|  |  | 1 | 0 times | 5,157 | 42.8 |
|  |  | 2 | 1 time | 1,505 | 14.9 |
|  |  | 3 | 2 times | 1,576 | 16.2 |
|  |  | 4 | 3 times | 1,012 | 10.6 |
|  |  | 5 | 4 times | 433 | 4.4 |
|  |  | 6 | 5 or more times | 1,026 | 11.1 |
|  |  |  | Missing | 4,056 |  |


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| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 129-129 | Q98 |  |  |  |  |
|  |  | 1 | Yes | 3,445 | 32.0 |
|  |  | 2 | No | 7,223 | 68.0 |
|  |  |  | Missing | 4,097 |  |
| 130-130 | Q99 |  |  |  |  |
|  |  | 1 | Very well | 8,913 | 84.1 |
|  |  | 2 | Well | 1,577 | 14.1 |
|  |  | 3 | Not well | 138 | 1.0 |
|  |  | 4 | Not at all | 83 | 0.8 |
|  |  |  | Missing | 4,054 |  |
| 185-185 | QN8 |  |  |  |  |
|  |  | 1 | Yes | 758 | 5.9 |
|  |  | 2 | No | 11,116 | 94.1 |
|  |  |  | Missing | 2,891 |  |
| 186-186 | QN9 |  |  |  |  |
|  |  | 1 | Yes | 2,425 | 16.5 |
|  |  | 2 | No | 12,290 | 83.5 |
|  |  |  | Missing | 50 |  |
| 187-187 | QN10 |  |  |  |  |
|  |  | 1 | Yes | 462 | 5.5 |
|  |  | 2 | No | 7,606 | 94.5 |
|  |  |  |  |  |  |
| 188-188 | QN11 |  |  |  |  |
|  |  | 1 |  |  | 39.2 |
|  |  | 2 | No | $5,121$ |  |
|  |  |  | Missing | 6,595 |  |
| 189-189 | QN12 |  |  |  |  |
|  |  | 1 | Yes | 1,711 | 15.7 |
|  |  | 2 | No | 10,027 | 84.3 |
|  |  |  | Missing | 3,027 |  |
| 190-190 | QN13 |  |  |  |  |
|  |  | 1 | Yes | 604 | 3.8 |
|  |  | 2 | No | 13,903 | 96.2 |
|  |  |  | Missing | 258 |  |
| 191-191 | QN14 |  |  |  |  |
|  |  | 1 | Yes | 728 | 4.8 |
|  |  | 2 | No | 13,467 | 95.2 |
|  |  |  | Missing | 570 |  |


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| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 192-192 | QN15 |  |  |  |  |
|  |  | 1 | Yes | 847 | 6.7 |
|  |  | 2 |  | 11,324 | 93.3 |
|  |  |  | Missing | 2,594 |  |
| 193-193 | QN16 |  |  |  |  |
|  |  | 1 | Yes | 934 | 6.0 |
|  |  | 2 | No | 13,768 | 94.0 |
|  |  |  | Missing | 63 |  |
| 194-194 | QN17 |  |  |  |  |
|  |  | 1 | Yes | 2,818 | 23.6 |
|  |  | 2 | No | 9,239 | 76.4 |
|  |  |  | Missing | 2,708 |  |
| 195-195 | QN18 |  |  |  |  |
|  |  | 1 | Yes | 1,301 | 8.5 |
|  |  | 2 |  | $13,177$ | 91.5 |
|  |  |  | Missing | 287 |  |
| 196-196 | QN19 |  |  |  |  |
|  |  | 1 | Yes | 1,104 | 7.4 |
|  |  | 2 | No | 13,336 | 92.6 |
|  |  |  | Missing | 325 |  |
| 197-197 | QN20 |  |  |  |  |
|  |  | 1 | Yes | 1,421 | 9.7 |
|  |  | 2 | No | 12,724 | 90.3 |
|  |  |  | Missing | 620 |  |
| 198-198 | QN21 |  |  |  |  |
|  |  | 1 | Yes | 628 | 6.9 |
|  |  | 2 | No | $8,603$ | 93.1 |
|  |  |  | Missing | $5,534$ |  |
| 199-199 | QN22 |  |  |  |  |
|  |  | 1 | Yes | 844 | 8.0 |
|  |  | 2 | No | 8,709 | 92.0 |
|  |  |  | Missing | 5,212 |  |
| 200-200 | QN23 |  |  |  |  |
|  |  | 1 | Yes | 2,665 | 19.0 |
|  |  | 2 | No | 11,941 | 81.0 |
|  |  |  | Missing | 159 |  |
| 201-201 | QN24 |  |  |  |  |
|  |  | 1 | Yes | 2,113 | 14.9 |
|  |  | 2 | No | $12,482$ | 85.1 |
|  |  |  | Missing | 170 |  |


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| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 202-202 | QN25 |  |  |  |  |
|  |  | 1 | Yes | 4,631 | 31.5 |
|  |  | 2 | No | 9,896 | 68.5 |
|  |  |  | Missing | 238 |  |
| 203-203 | QN26 |  |  |  |  |
|  |  | 1 | Yes | 2,571 | 17.2 |
|  |  | 2 | No | 11,982 | 82.8 |
|  |  |  | Missing | 212 |  |
| 204-204 | QN27 |  |  |  |  |
|  |  | 1 | Yes | 2,030 | 13.6 |
|  |  | 2 | No | 12,511 | 86.4 |
|  |  |  | Missing | 224 |  |
| 205-205 | QN28 |  |  |  |  |
|  |  | 1 | Yes | 837 | 7.4 |
|  |  | 2 | No | $9,849$ | 92.6 |
|  |  |  | Missing | 4,079 |  |
| 206-206 | QN29 |  |  |  |  |
|  |  | 1 | Yes | 286 | 2.4 |
|  |  | 2 | No | 10,334 | 97.6 |
|  |  |  | Missing | 4,145 |  |
| 207-207 | QN30 |  |  |  |  |
|  |  | 1 | Yes | 3,316 | 28.9 |
|  |  | 2 | No | 8,596 | 71.1 |
|  |  |  | Missing | 2,853 |  |
| 208-208 | QN31 |  |  |  |  |
|  |  | 1 | Yes | 1,076 | 9.5 |
|  |  | 2 | No | $10,838$ | 90.5 |
|  |  |  | Missing | 2,851 |  |
| 209-209 | QN32 |  |  |  |  |
|  |  | 1 |  | 1,223 | 8.8 |
|  |  | 2 | No | 13,184 | 91.2 |
|  |  |  | Missing | 358 |  |
| 210-210 | QN33 |  |  |  |  |
|  |  | 1 | Yes | 78 | 9.7 |
|  |  | 2 | No | 860 | 90.3 |
|  |  |  | Missing | 13,827 |  |
| 211-211 | QN34 |  |  |  |  |
|  |  | 1 | Yes | 5,907 | 42.2 |
|  |  | 2 | No | 8,406 | 57.8 |
|  |  |  | Missing | 452 |  |


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| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 212-212 | QN35 |  |  |  |  |
|  |  | 1 | Yes | 1,666 | 13.2 |
|  |  | 2 |  | 11,178 | 86.8 |
|  |  |  | Missing | 1,921 |  |
| 213-213 | QN36 |  |  |  |  |
|  |  | 1 | Yes | 194 | 13.6 |
|  |  | 2 | No | 1,156 | 86.4 |
|  |  |  | Missing | 13,415 |  |
| 214-214 | QN37 |  |  |  |  |
|  |  | 1 | Yes | 729 | 5.5 |
|  |  | 2 | No | 13,742 | 94.5 |
|  |  |  | Missing | 294 |  |
| 215-215 | QN38 |  |  |  |  |
|  |  | 1 | Yes | 1,129 | 8.0 |
|  |  | 2 | No | 13,282 | 92.0 |
|  |  |  | Missing | 354 |  |
| 216-216 | QN39 |  |  |  |  |
|  |  | 1 | Yes | 970 | 41.4 |
|  |  | 2 | No | 1,417 | 58.6 |
|  |  |  | Missing | 12,378 |  |
| 217-217 | QN40 |  |  |  |  |
|  |  | 1 | Yes | 8,251 | 60.4 |
|  |  | 2 | No | 5,528 | 39.6 |
|  |  |  | Missing | 986 |  |
| 218-218 | QN41 |  |  |  |  |
|  |  | 1 | Yes | 2,170 | 15.5 |
|  |  | 2 | No | $11,436$ | 84.5 |
|  |  |  | Missing | 1,159 |  |
| 219-219 | QN42 |  |  |  |  |
|  |  | 1 | Yes | 3,760 | 29.8 |
|  |  | 2 | No | 9,224 | 70.2 |
|  |  |  | Missing | 1,781 |  |
| 220-220 | QN43 |  |  |  |  |
|  |  | 1 | Yes | 1,282 | 43.5 |
|  |  | 2 | No | 1,661 | 56.5 |
|  |  |  | Missing | 11,822 |  |
| 221-221 | QN44 |  |  |  |  |
|  |  | 1 | Yes | 1,772 | 13.5 |
|  |  | 2 | No | 11,903 | 86.5 |
|  |  |  | Missing | 1,090 |  |


| 2017 YRBS Data User's Guide |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 222-222 | QN45 |  |  |  |  |
|  |  | 1 | Yes | 394 | 4.4 |
|  |  | 2 | No | 9,733 | 95.6 |
|  |  |  | Missing | 4,638 |  |
| 223-223 | QN46 |  |  |  |  |
|  |  | 1 | Yes | 5,122 | 35.6 |
|  |  | 2 | No | 9,160 | 64.4 |
|  |  |  | Missing | 483 |  |
| 224-224 | QN47 |  |  |  |  |
|  |  | 1 | Yes | 983 | 6.8 |
|  |  | 2 | No | 13,355 | 93.2 |
|  |  |  | Missing | 427 |  |
| 225-225 | QN48 |  |  |  |  |
|  |  | 1 | Yes | 2,866 | 19.8 |
|  |  | 2 | No | 11,520 | 80.2 |
|  |  |  | Missing | 379 |  |
| 226-226 | QN49 |  |  |  |  |
|  |  | 1 | Yes | 719 | 4.8 |
|  |  | 2 | No | 13,789 | 95.2 |
|  |  |  | Missing | 257 |  |
| 227-227 | QN50 |  |  |  |  |
|  |  | 1 | Yes | 750 | 6.2 |
|  |  | 2 | No | 11,197 | 93.8 |
|  |  |  | Missing | 2,818 |  |
| 228-228 | QN51 |  |  |  |  |
|  |  | 1 | Yes | 293 | 1.7 |
|  |  | 2 | No | 14,087 | 98.3 |
|  |  |  | Missing | 385 |  |
| 229-229 | QN52 |  |  |  |  |
|  |  | 1 | Yes | 384 | 2.5 |
|  |  | 2 | No | 13,994 | 97.5 |
|  |  |  | Missing | 387 |  |
| 230-230 | QN53 |  |  |  |  |
|  |  | 1 | Yes | 590 | 4.0 |
|  |  | 2 | No | 13,761 | 96.0 |
|  |  |  | Missing | 414 |  |
| 231-231 | QN54 |  |  |  |  |
|  |  | 1 | Yes | 975 | 6.9 |
|  |  | 2 | No | 13,386 | 93.1 |
|  |  |  | Missing | 404 |  |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 232-232 | QN55 |  |  |  |  |
|  |  | 1 | Yes |  | 2.9 |
|  |  | 2 | No | 11,708 | 97.1 |
|  |  |  | Missing | 2,697 |  |
| 233-233 | QN56 |  |  |  |  |
|  |  | 1 | Yes | 2,051 | 14.0 |
|  |  | 2 | No | 12,459 | 86.0 |
|  |  |  | Missing | 255 |  |
| 234-234 | QN57 |  |  |  |  |
|  |  | 1 | Yes | 258 | 1.5 |
|  |  | 2 | No | $14,065$ | 98.5 |
|  |  |  | Missing | $442$ |  |
| 235-235 | QN58 |  |  |  |  |
|  |  | 1 | Yes | 2,982 | 19.8 |
|  |  | 2 | No | 11,466 | 80.2 |
|  |  |  | Missing | 317 |  |
| 236-236 | QN59 |  |  |  |  |
|  |  | 1 | Yes | 5,192 | 39.5 |
|  |  | 2 | No | 8,068 | 60.5 |
|  |  |  | Missing | 1,505 |  |
| 237-237 | QN60 |  |  |  |  |
|  |  | 1 | Yes | 490 | 3.4 |
|  |  | 2 | No | 12,715 | 96.6 |
|  |  |  | Missing | 1,560 |  |
| 238-238 | QN61 |  |  |  |  |
|  |  | 1 | Yes | 1,261 | 9.7 |
|  |  | 2 | No | 11,917 | 90.3 |
|  |  |  | Missing | 1,587 |  |
| 239-239 | QN62 |  |  |  |  |
|  |  | 1 | Yes | 3,732 | 28.7 |
|  |  | 2 | No | 9,347 | 71.3 |
|  |  |  | Missing | 1,686 |  |
| 240-240 | QN63 |  |  |  |  |
|  |  | 1 | Yes | 701 | 18.8 |
|  |  | 2 | No | 3,009 | 81.2 |
|  |  |  | Missing | 11,055 |  |
| 241-241 | QN64 |  |  |  |  |
|  |  | 1 | Yes | 1,973 | 53.8 |
|  |  | 2 | No | 1,655 | 46.2 |
|  |  |  | Missing | 11,137 |  |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 242-242 | QN65 |  |  |  |  |
|  |  | 1 | Yes | 651 | 20.7 |
|  |  | 2 |  | 2,886 | 79.3 |
|  |  |  | Missing | 11,228 |  |
| 245-245 | QN68 |  |  |  |  |
|  |  | 1 | Yes | 4,381 | 31.5 |
|  |  | 2 | No | 9,605 | 68.5 |
|  |  |  | Missing | 779 |  |
| 246-246 | QN69 |  |  |  |  |
|  |  | 1 | Yes | 5,462 | 47.1 |
|  |  | 2 | No | $6,079$ | 52.9 |
|  |  |  | Missing | $3,224$ |  |
| 247-247 | QN70 |  |  |  |  |
|  |  | $1$ | Yes | 3,923 | 27.0 |
|  |  | 2 | No | 10,470 | 73.0 |
|  |  |  | Missing | 372 |  |
| 248-248 | QN71 |  |  |  |  |
|  |  | 1 | Yes | 1,758 | 11.1 |
|  |  | 2 | No | 12,631 | 88.9 |
|  |  |  | Missing | 376 |  |
| 249-249 | QN72 |  |  |  |  |
|  |  | 1 | Yes | 5,972 | 40.7 |
|  |  | 2 | No | 8,053 | 59.3 |
|  |  |  | Missing | 740 |  |
| 250-250 | QN73 |  |  |  |  |
|  |  | 1 | Yes | 5,155 | 34.6 |
|  |  | 2 | No | 8,872 | 65.4 |
|  |  |  | Missing | 738 |  |
| 251-251 | QN74 |  |  |  |  |
|  |  | 1 | Yes | 7,890 | 54.7 |
|  |  | 2 | No | 6,099 | 45.3 |
|  |  |  | Missing | 776 |  |
| 252-252 | QN75 |  |  |  |  |
|  |  | 1 | Yes | 2,720 | 18.5 |
|  |  | 2 | No | 11,215 | 81.5 |
|  |  |  | Missing | 830 |  |
| 253-253 | QN76 |  |  |  |  |
|  |  | 1 | Yes | 3,978 | 27.8 |
|  |  | 2 | No | 10,326 | 72.2 |
|  |  |  | Missing | 461 |  |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 254-254 | QN77 |  |  |  |  |
|  |  | 1 | Yes | 3,340 | 26.7 |
|  |  | 2 |  | 8,520 | 73.3 |
|  |  |  | Missing | 2,905 |  |
| 255-255 | QN78 |  |  |  |  |
|  |  | 1 | Yes | 1,726 | 14.1 |
|  |  | 2 | No | 10,192 | 85.9 |
|  |  |  | Missing | 2,847 |  |
| 256-256 | QN79 |  |  |  |  |
|  |  | 1 | Yes | 6,238 | 46.5 |
|  |  | 2 | No | 8,000 | 53.5 |
|  |  |  | Missing | 527 |  |
| 257-257 | QN80 |  |  |  |  |
|  |  | 1 | Yes | 3,077 | 20.7 |
|  |  | 2 |  | 10,790 | 79.3 |
|  |  |  | Missing | 898 |  |
| 258-258 | QN81 |  |  |  |  |
|  |  | 1 | Yes | 5,984 | 43.0 |
|  |  | 2 | No | 7,855 | 57.0 |
|  |  |  | Missing | 926 |  |
| 259-259 | QN82 |  |  |  |  |
|  |  | 1 | Yes | 6,798 | 51.7 |
|  |  | 2 | No | 7,353 | 48.3 |
|  |  |  | Missing | 614 |  |
| 260-260 | QN83 |  |  |  |  |
|  |  | 1 | Yes | 6,413 | 54.3 |
|  |  | 2 | No | $5,307$ | 45.7 |
|  |  |  | Missing | 3,045 |  |
| 261-261 | QN84 |  |  |  |  |
|  |  | 1 | Yes | 2,120 | 15.1 |
|  |  | 2 | No | 12,017 | 84.9 |
|  |  |  | Missing | 628 |  |
| 262-262 | QN85 |  |  |  |  |
|  |  | 1 | Yes | 1,508 | 9.3 |
|  |  | 2 | No | 12,633 | 90.7 |
|  |  |  | Missing | 624 |  |
| 263-263 | QN86 |  |  |  |  |
|  |  | 1 | Yes | 10,672 | 75.7 |
|  |  | 2 | No | 3,529 | 24.3 |
|  |  |  | Missing | 564 |  |


| 2017 YRBS Data User's Guide |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 264-264 | QN87 |  |  |  |  |
|  |  | 1 | Yes | 3,234 | 22.5 |
|  |  | 2 | No | 10,591 | 77.5 |
|  |  |  | Missing | 940 |  |
| 265-265 | QN88 |  |  |  |  |
|  |  | 1 | Yes | 2,923 | 25.4 |
|  |  | 2 | No | 8,888 | 74.6 |
|  |  |  | Missing | 2,954 |  |
| 266-266 | QN89 |  |  |  |  |
|  |  | 1 | Yes | 8,644 | 74.7 |
|  |  | 2 | No | 3,030 | 25.3 |
|  |  |  | Missing | 3,091 |  |
| 267-267 | QN90 |  |  |  |  |
|  |  | 1 | Yes | 969 | 13.0 |
|  |  | 2 |  | 6,190 | 87.0 |
|  |  |  | Missing | 7,606 |  |
| 268-268 | QN91 |  |  |  |  |
|  |  | 1 | Yes | 683 | 6.6 |
|  |  | 2 | No | 10,191 | 93.4 |
|  |  |  | Missing | 3,891 |  |
| 269-269 | QN92 |  |  |  |  |
|  |  | 1 | Yes | 5,109 | 47.7 |
|  |  | 2 | No | 5,779 | 52.3 |
|  |  |  | Missing | 3,877 |  |
| 270-270 | QN93 |  |  |  |  |
|  |  | 1 | Yes | 470 | 3.8 |
|  |  | 2 | No | $10,228$ | 96.2 |
|  |  |  | Missing | 4,067 |  |
| 271-271 | QN94 |  |  |  |  |
|  |  | 1 | Yes | 1,637 | 15.2 |
|  |  | 2 | No | 9,067 | 84.8 |
|  |  |  | Missing | 4,061 |  |
| 272-272 | QN95 |  |  |  |  |
|  |  | 1 | Yes | 5,324 | 51.1 |
|  |  | 2 | No | 5,389 | 48.9 |
|  |  |  | Missing | 4,052 |  |
| 273-273 | QN96 |  |  |  |  |
|  |  | 1 | Yes | 727 | 5.6 |
|  |  | 2 | No | $12,287$ | 94.4 |
|  |  |  | Missing | 1,751 |  |

$\left.\begin{array}{lllll}\hline & & & \text { 2017 YRBS Data User's Guide } & \\ \begin{array}{c}\text { Data } \\ \text { Location }\end{array} & \text { Variable } & \text { Name } & & \text { Question } \\ \text { 274-274 } & \text { QN97 } & & \text { Code and Label } & \text { Unweighted }\end{array} \begin{array}{c}\text { Weighted } \\ \text { Percentage }\end{array}\right]$

| 2017 YRBS Data User's Guide |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 357-357 | QNOTHHPL |  |  |  |  |
|  |  | 1 | Yes | 954 | 29.4 |
|  |  | 2 | No | 2,583 | 70.6 |
|  |  |  | Missing | 11,228 |  |
| 358-358 | QNDUALBC |  |  |  |  |
|  |  | 1 | Yes | 290 | 8.8 |
|  |  | 2 | No | 3,226 | 91.2 |
|  |  |  | Missing | 11,249 |  |
| 359-359 | QNBCNONE |  |  |  |  |
|  |  | 1 | Yes | 542 | 13.8 |
|  |  | 2 | No | 2,995 | 86.2 |
|  |  |  | Missing | 11,228 |  |
| 360-360 | QNFR0 |  |  |  |  |
|  |  | 1 | Yes | 889 | 5.6 |
|  |  | 2 | No | 13,455 | 94.4 |
|  |  |  | Missing | 421 |  |
| 361-361 | QNFR1 |  |  |  |  |
|  |  | 1 | Yes | 8,455 | 60.8 |
|  |  | 2 | No | 5,889 | 39.2 |
|  |  |  | Missing | 421 |  |
| 362-362 | QNFR2 |  |  |  |  |
|  |  | 1 | Yes | 4,397 | 31.3 |
|  |  | 2 | No | 9,947 | 68.7 |
|  |  |  | Missing | 421 |  |
| 363-363 | QNFR3 |  |  |  |  |
|  |  | 1 | Yes | 2,718 | 18.8 |
|  |  | 2 | No | 11,626 | 81.2 |
|  |  |  | Missing | 421 |  |
| 364-364 | QNVEG0 |  |  |  |  |
|  |  | 1 | Yes | 1,132 | 7.2 |
|  |  | 2 | No | 12,701 | 92.8 |
|  |  |  | Missing | 932 |  |
| 365-365 | QNVEG1 |  |  |  |  |
|  |  | 1 | Yes | 8,026 | 59.4 |
|  |  | 2 | No | 5,807 | 40.6 |
|  |  |  | Missing | 932 |  |
| 366-366 | QNVEG2 |  |  |  |  |
|  |  | 1 | Yes | 3,547 | 26.6 |
|  |  | 2 | No | 10,286 | 73.4 |
|  |  |  | Missing | 932 |  |


| 2017 YRBS Data User's Guide |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 367-367 | QNVEG3 |  |  |  |  |
|  |  | 1 | Yes | 1,893 | 13.9 |
|  |  | 2 | No | 11,940 | 86.1 |
|  |  |  | Missing | 932 |  |
| 368-368 | QNSODA1 |  |  |  |  |
|  |  | 1 | Yes | 2,650 | 18.7 |
|  |  | 2 | No | 11,654 | 81.3 |
|  |  |  | Missing | 461 |  |
| 369-369 | QNSODA2 |  |  |  |  |
|  |  | 1 | Yes | 1,758 | 12.5 |
|  |  | 2 | No | 12,546 | 87.5 |
|  |  |  | Missing | 461 |  |
| 370-370 | QNSODA3 |  |  |  |  |
|  |  | 1 | Yes | 997 | 7.1 |
|  |  | 2 | No | 13,307 | 92.9 |
|  |  |  | Missing | 461 |  |
| 371-371 | QNMILK1 |  |  |  |  |
|  |  | 1 | Yes | 3,599 | 31.3 |
|  |  | 2 | No | $8,261$ | 68.7 |
|  |  |  | Missing | 2,905 |  |
| 372-372 | QNMILK2 |  |  |  |  |
|  |  | 1 | Yes | 2,029 | 17.5 |
|  |  | 2 | No | 9,831 | 82.5 |
|  |  |  | Missing | 2,905 |  |
| 373-373 | QNMILK3 |  |  |  |  |
|  |  | 1 | Yes | 936 | 7.9 |
|  |  | 2 | No | 10,924 | 92.1 |
|  |  |  | Missing | 2,905 |  |
| 374-374 | QNBK7DAY |  |  |  |  |
|  |  | 1 | Yes | 4,135 | 35.3 |
|  |  | 2 | No | 7,783 | 64.7 |
|  |  |  | Missing | 2,847 |  |
| 375-375 | QNPA0DAY |  |  |  |  |
|  |  | 1 | Yes | 2,400 | 15.4 |
|  |  | 2 | No | 11,838 | 84.6 |
|  |  |  | Missing | 527 |  |
| 376-376 | QNPA7DAY |  |  |  |  |
|  |  | 1 | Yes | 3,442 | 26.1 |
|  |  | 2 | No | 10,796 | 73.9 |
|  |  |  | Missing | 527 |  |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| Data Location | Variable Name |  | Question Code and Label | Unweighted Frequency | Weighted Percentage |
| 377-377 | QNDLYPE |  |  |  |  |
|  |  | 1 | Yes | 3,790 | 29.9 |
|  |  | 2 | No | 10,361 | 70.1 |
|  |  |  | Missing | 614 |  |
| 378-378 | QNNODNT |  |  |  |  |
|  |  | 1 | Yes | 220 | 1.5 |
|  |  | 2 | No | 13,981 | 98.5 |
|  |  |  | Missing | 564 |  |
| 379-379 | QNSPDRK1 |  |  |  |  |
|  |  | 1 | Yes | 1,401 | 12.4 |
|  |  | 2 | No | 9,487 | 87.6 |
|  |  |  | Missing | 3,877 |  |
| 380-380 | QNSPDRK2 |  |  |  |  |
|  |  | 1 | Yes | 868 | 7.6 |
|  |  | 2 | No | 10,020 | 92.4 |
|  |  |  | Missing | 3,877 |  |
| 381-381 | QNSPDRK3 |  |  |  |  |
|  |  | 1 | Yes | 484 | 4.2 |
|  |  | 2 | No | $10,404$ | 95.8 |
|  |  |  | Missing | 3,877 |  |
| 382-382 | QNWATER1 |  |  |  |  |
|  |  | 1 | Yes | 7,968 | 75.4 |
|  |  | 2 | No | 2,730 | 24.6 |
|  |  |  | Missing | 4,067 |  |
| 383-383 | QNWATER2 |  |  |  |  |
|  |  | 1 | Yes | 7,056 | 66.8 |
|  |  | 2 | No | 3,642 | 33.2 |
|  |  |  | Missing | 4,067 |  |
| 384-384 | QNWATER3 |  |  |  |  |
|  |  | 1 | Yes | 5,414 | 51.3 |
|  |  | 2 | No | $5,284$ | 48.7 |
|  |  |  | Missing | 4,067 |  |
| 385-385 | QNOBESE |  |  |  |  |
|  |  | 1 | Yes | 1,946 | 14.8 |
|  |  | 2 | No | 11,200 | 85.2 |
|  |  |  | Missing | 1,619 |  |
| 386-386 | QNOWT |  |  |  |  |
|  |  | 1 | Yes | 2,149 | 15.6 |
|  |  | 2 | No | 10,997 | 84.4 |
|  |  |  | Missing | 1,619 |  |


| Data <br> Location | Variable <br> Name |  | Question <br> Code and Label | Unweighted <br> Frequency |
| :--- | :--- | :--- | :--- | :--- |
| 387-396 | WEIGHT |  |  |  |
| Percentage |  |  |  |  |


| Data <br> Location | Variable <br> Name |  | Question <br> Code and Label | Unweighted <br> Frequency |
| :--- | :--- | :--- | :--- | ---: |
| $427-427$ | QNFRCGR |  | Weighted <br> Percentage |  |
|  |  | 1 | Yes | 198 |


[^0]:    * Note: YRBS reports prior to 2009 used the terms "overweight" to describe those youth with a BMI $\geq 95$ th percentile for age and sex and "at risk for overweight" for those with a BMI $\geq 85$ th percentile and $<95$ th percentile. However, the terms "obese" and "overweight" were used in 2009 and forward in accordance with the 2007 recommendations from the Expert Committee on the Assessment, Prevention, and Treatment of Child and Adolescent Overweight and Obesity convened by the American Medical Association (AMA) and cofunded by AMA in collaboration with the Health Resources and Services Administration and the CDC.

