Youth Risk Behavior Surveillance System (YRBSS)

YRBS
Youth Risk Behavior Survey

2023 YRBS
Data User's Guide

State and Local Survey
Data Reference

September 2023

2023 YRBS Data User's Guide
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Data Edits

Introduction

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

Single Question Edits

- 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.

$$Height\ (in\ m) = [(feet \times 12) + inches] \times 0.0254\ m/in$$

- 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 10s 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:

$$Weight\ (in\ kg) = Weight\ (in\ lbs) \times 0.4536\ kg/lb$$

- 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) Edits

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

$$BMI = kg/m^2 = Weight\ (in\ kg)/[Height\ (in\ m)^2]$$

- 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.

Biologically Implausible Value Edits

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. Updated criteria for potentially biologically implausible values can be found in the CDC SAS programs (https://www.cdc.gov/nccdphp/dnpao/growthcharts/resources/sas.htm). These new criteria will be incorporated in the 2025 YRBSS cycle.

Age	Males	Females
≤ 12	Weight: 11.657983 -146.733304 kg Height: 1.1519311-1.84082588 m BMI: 11.386213-56.226598	Weight: 11.900826-155.212672 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 kg Height: 1.25570614-1.85942807 m BMI: 10.997169-63.347099
14	Weight: 15.57739-168.290461 kg Height: 1.25554043-1.97881762 m BMI: 12.031145-58.918535	Weight: 17.710244-179.291483 kg Height: 1.28862593-1.87503851 m BMI: 11.380272-65.988852
15	Weight: 19.111809-177.825263 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 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
≥ 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

The majority of the edit criteria compare two questions at a time to ensure logical consistency. If responses from two questions conflict logically, both questions are set to blank. (Exception – data from demographic questions are not set to missing in this case.)

For modified questionnaires, there may be additional edit criteria for site-added questions. Site-added questions are only edited among themselves. If necessary, demographic variables also may be used to edit against the site-added questions. However, no other standard variables are used to cross-edit with site-added questions, maintaining the integrity of internal consistency among standard questions.

Lists of the logical edits used for the 2023 high school and middle school questionnaires follow. If the edit criteria are met, data from the questions are changed to missing, unless they are demographic questions.

Note: Site-added questions are not edited against standard questions. Some sites have added standard high school questions to the middle school questionnaire. These questions are considered site-added for the middle school questionnaire and are not edited the same as they are in the high school questionnaire.

**High School
Edit Criteria**

Driving Habits
1. Q10=A AND Q11=B,C,D,E,F,G,H
2. Q11=A AND Q10=B,C,D,E,F

Fighting
3. Q16=A AND Q17=B,C,D,E,F,G,H
4. Q16=B AND Q17=C,D,E,F,G,H
5. Q16=C AND Q17=D,E,F,G,H
6. Q16=D AND Q17=E,F,G,H
7. Q16=E AND Q17=F,G,H
8. Q16=F AND Q17=G,H
9. Q16=G AND Q17=H

Dating Violence
10. Q20=A AND Q21=C,D,E,F
11. Q20=B AND Q21=D,E,F
12. Q20=C AND Q21=E,F
13. Q20=D AND Q21=F
14. Q21=A AND Q22=B,C,D,E,F
15. Q22=A AND Q21=B,C,D,E,F

Suicide
16. Q29=A AND Q30=B,C
17. Q30=A AND Q29=B,C,D,E

Tobacco Use
18. Q31=A AND Q32=A
19. Q31=B AND Q32=B,C,D,E,F,G
20. Q31=B AND Q33=B,C,D,E,F,G
21. Q31=B AND Q34=B,C,D,E,F,G
22. Q1=A AND Q32=E,F,G
23. Q1=B AND Q32=F,G
24. Q1=C AND Q32=F,G
25. Q1=D AND Q32=G
26. Q1=E AND Q32=G
27. Q32=A AND Q33=B,C,D,E,F,G
28. Q32=A AND Q34=B,C,D,E,F,G
29. Q33=A AND Q34=B,C,D,E,F,G
30. Q34=A AND Q33=B,C,D,E,F,G
31. Q35=B AND Q36=B,C,D,E,F,G
32. Q35=B AND Q37=B,C,D,E,F,G,H
33. Q36=A AND Q37=B,C,D,E,F,G,H
34. Q37=A AND Q36=B,C,D,E,F,G
35. Q40=A AND Q33=B,C,D,E,F,G
36. Q40=A AND Q34=B,C,D,E,F,G

37. Q40=A AND Q36=B,C,D,E,F,G
38. Q40=A AND Q37=B,C,D,E,F,G,H
39. Q40=A AND Q38=B,C,D,E,F,G
40. Q40=A AND Q39=B,C,D,E,F,G

Alcohol Use
41. Q1=A AND Q41=E,F,G
42. Q1=B AND Q41=F,G
43. Q1=C AND Q41=F,G
44. Q1=D AND Q41=G
45. Q1=E AND Q41=G
46. Q41=A AND Q10=C,D,E,F
47. Q41=A AND Q42=B,C,D,E,F,G
48. Q41=A AND Q43=B,C,D,E,F,G
49. Q41=A AND Q44=B,C,D,E,F,G,H
50. Q41=A AND Q45=B,C,D,E,F,G,H
51. Q42=A AND Q10=C,D,E,F
52. Q42=A AND Q43=B,C,D,E,F,G
53. Q42=B AND Q43=D,E,F,G
54. Q42=C AND Q43=E,F,G
55. Q42=D AND Q43=F,G
56. Q42=E AND Q43=G
57. Q42=A AND Q44=B,C,D,E,F,G,H
58. Q42=A AND Q45=B,C,D,E,F,G,H
59. Q44=A AND Q10=C,D,E,F
60. Q44=A AND Q42=B,C,D,E,F,G
61. Q44=A AND Q43=B,C,D,E,F,G
62. Q44=B AND Q43=B,C,D,E,F,G
63. Q44=C AND Q43=B,C,D,E,F,G
64. Q44=A AND Q45=B,C,D,E,F,G,H
65. Q45=A AND Q10=C,D,E,F
66. Q45=A AND Q42=B,C,D,E,F,G
67. Q45=A AND Q43=B,C,D,E,F,G
68. Q45=A AND Q44=B,C,D,E,F,G,H

Marijuana Use
69. Q46=A AND Q47=B,C,D,E,F,G
70. Q46=A AND Q48=B,C,D,E,F
71. Q46=B AND Q48=C,D,E,F
72. Q46=C AND Q48=D,E,F
73. Q46=D AND Q48=E,F
74. Q46=E AND Q48=F
75. Q1=A AND Q47=E,F,G
76. Q1=B AND Q47=F,G

77. Q1=C AND Q47=F,G
78. Q1=D AND Q47=G
79. Q1=E AND Q47=G
80. Q47=A AND Q46=B,C,D,E,F,G
81. Q47=A AND Q48=B,C,D,E,F

Sexual Behaviors

82. Q56=A AND Q57=A
83. Q56=B AND Q57=B,C,D,E,F,G,H
84. Q56=A AND Q58=A
85. Q56=B AND Q58=B,C,D,E,F,G
86. Q56=A AND Q59=A
87. Q56=B AND Q59=B,C,D,E,F,G,H
88. Q56=A AND Q60=A
89. Q56=B AND Q60=B,C
90. Q56=A AND Q61=A
91. Q56=B AND Q61=B,C
92. Q56=B AND Q62=B,C,D,E,F,G,H
93. Q56=A AND Q63=A
94. Q1=A AND Q57=D,E,F,G,H
95. Q1=B AND Q57=E,F,G,H
96. Q1=C AND Q57=F,G,H
97. Q1=D AND Q57=G,H
98. Q1=E AND Q57=H
99. Q57=A AND Q58=B,C,D,E,F,G
100. Q57=A AND Q59=B,C,D,E,F,G,H
101. Q57=A AND Q60=B,C
102. Q57=A AND Q61=B,C
103. Q57=A AND Q62=B,C,D,E,F,G,H
104. Q58=A AND Q57=B,C,D,E,F,G,H
105. Q58=A AND Q59=B,C,D,E,F,G,H
106. Q58=B AND Q59=D,E,F,G,H
107. Q58=C AND Q59=E,F,G,H
108. Q58=D AND Q59=F,G,H
109. Q58=E AND Q59=G,H
110. Q58=F AND Q59=H
111. Q58=A AND Q60=B,C
112. Q58=A AND Q61=B,C
113. Q58=A AND Q62=B,C,D,E,F,G,H
114. Q59=A AND Q57=B,C,D,E,F,G,H
115. Q59=A AND Q58=B,C,D,E,F,G
116. Q59=A AND Q60=B,C
117. Q59=A AND Q61=B,C

118. Q59=A AND Q62=B,C,D,E,F,G,H
119. Q60=A AND Q57=B,C,D,E,F,G,H
120. Q60=A AND Q58=B,C,D,E,F,G
121. Q60=A AND Q59=B,C,D,E,F,G,H
122. Q60=A AND Q61=B,C
123. Q60=A AND Q62=B,C,D,E,F,G,H
124. Q61=A AND Q57=B,C,D,E,F,G,H
125. Q61=A AND Q58=B,C,D,E,F,G
126. Q61=A AND Q59=B,C,D,E,F,G,H
127. Q61=A AND Q60=B,C
128. Q61=A AND Q62=B,C,D,E,F,G,H
129. Q63=A AND Q57=B,C,D,E,F,G,H
130. Q63=A AND Q58=B,C,D,E,F,G
131. Q63=A AND Q59=B,C,D,E,F,G,H
132. Q63=A AND Q60=B,C
133. Q63=A AND Q61=B,C
134. Q63=A AND Q62=B,C,D,E,F,G,H

Sex/Alcohol or Drugs
135. Q60=B AND Q41=A AND Q46=A AND Q49=A AND Q50=A
AND Q51=A AND Q52=A AND Q53=A AND Q54=A

Sex/Binge Drinking
136. Q2=A AND Q43=A AND Q44=D,E,F,G,H
137. Q2=B AND Q43=A AND Q44=E,F,G,H
138. Q2=A AND Q44=C AND Q43=B,C,D,E,F,G
139. Q2=B AND Q44=D AND Q43=B,C,D,E,F,G

Pregnancy Prevention/Sexual Contacts
140. Q2=A AND Q63=B AND Q62=B,C,D,E,F,G,H
141. Q2=B AND Q63=C AND Q62=B,C,D,E,F,G,H

Middle School Edit Criteria

Tobacco Use
1. Q1=A AND Q19=E,F,G
2. Q1=B AND Q19=F,G
3. Q1=C AND Q19=G
4. Q18=A AND Q19=A
5. Q18=B AND Q19=B,C,D,E,F,G
6. Q18=B AND Q20=B,C,D,E,F,G
7. Q18=B AND Q21=B,C,D,E,F,G
8. Q19=A AND Q20=B,C,D,E,F,G

9. Q19=A AND Q21=B,C,D,E,F,G
10. Q20=A AND Q21=B,C,D,E,F,G
11. Q21=A AND Q20=B,C,D,E,F,G
12. Q22=B AND Q23=B,C,D,E,F,G

Alcohol Use

13. Q1=A AND Q27=E,F,G
14. Q1=B AND Q27=F,G
15. Q1=C AND Q27=G
16. Q26=A AND Q27=A
17. Q26=B AND Q27=B,C,D,E,F,G

Marijuana Use

18. Q1=A AND Q29=E,F,G
19. Q1=B AND Q29=F,G
20. Q1=C AND Q29=G
21. Q28=A AND Q29=A
22. Q28=B AND Q29=B,C,D,E,F,G

Sexual Behaviors

23. Q1=A AND Q34=E,F,G
24. Q1=B AND Q34=F,G
25. Q1=C AND Q34=G
26. Q33=A AND Q34=A
27. Q33=B AND Q34=B,C,D,E,F,G
28. Q33=A AND Q35=A
29. Q33=B AND Q35=B,C,D,E,F,G
30. Q33=A AND Q36=A
31. Q33=B AND Q36=B,C
32. Q34=A AND Q35=B,C,D,E,F,G
33. Q34=A AND Q36=B,C
34. Q35=A AND Q34=B,C,D,E,F,G
35. Q35=A AND Q36=B,C
36. Q36=A AND Q34=B,C,D,E,F,G
37. Q36=A AND Q35=B,C,D,E,F,G

Subverting Records

Subverting eliminates records that are judged too incomplete overall to be valid for analysis. Records are marked "subverted" when

- there are more than 50 total questions and a student answers 20 or fewer questions or answers with b, c, d, e, f, g, or h 15 or more times in a row. When this occurs, all values except the demographic variables are set to missing.

- there are 50 or fewer total questions and a student answers 15 or fewer questions or answers with b, c, d, e, f, g, or h 12 or more times in a row. When this occurs, 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 2023 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 – Non-Hispanic/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 *Obesity** (QNOBESE). The student is considered overweight, and QNOWT is set to "1", when BMI percentile is at or above the 85th percentile and below the 95th 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 95th 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. In 2022, CDC extended the growth reference charts for children and adolescents with very high BMIs, but the calculations used for the 2023 YRBS cycle did not use these updated growth charts. While the new growth charts do not affect the calculation of QNOWT or QNOBESE, the BMI percentiles for age and sex (BMIPCT) will no longer be accurate for students with very high BMIs. Consequently, analysts wanting to use

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* Note: YRBS reports prior to 2009 used the terms "overweight" to describe those youth with a BMI ≥95th percentile for age and sex and "at risk for overweight" for those with a BMI ≥85th percentile and <95th percentile. However, the terms "obesity" 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.

BMIPCT as a continuous variable should regenerate the variable using the SAS program and documentation available at:

https://www.cdc.gov/nccdphp/dnpao/growthcharts/resources/sas.htm

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 each site's 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. The summary text appearing in the title of the tables for each QN# variable is also listed. Site-added questions and the corresponding QN#s are not included in this document.

See Appendix A for the list of the standard high school YRBS questions and dichotomous variables.

See Appendix B for the list of the standard middle school 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. Sites do not have the supplemental variables if they modified or deleted any of the questions needed for the calculation. How these variables are derived, including which students are included 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 = A, 2 = B, etc.

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

See Appendix D for the list of the standard middle school YRBS supplemental (QNword) variables.

Analysis Software Technical Notes

Introduction

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

Software Requirements

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 six statistical packages (SUDAAN, SAS, STATA, SPSS, Epi Info, and R) that can be used to analyze YRBS data, refer to Software for Analysis of YRBS Data (cdc.gov)

Example SAS and SAS-callable SUDAAN Program

```
* Assign the locations for the SAS data and format library;

libname yrbsdata 'c:\data\yrbs2023';
libname library  'c:\data\yrbs2023';


* Create a temporary SAS dataset retaining only records
  that have weights greater than zero;

data yrbs;
   set yrbsdata.xxh2023_yrbs_data;
   if weight > 0;


* Create a numeric analysis variable for Grade;

select (q3);
   when ('1') grade = 1;
   when ('2') grade = 2;
   when ('3') grade = 3;
   when ('4') grade = 4;
   otherwise; end;
run;


* Sort the data by stratum and PSU – this is a SUDAAN
  requirement;

proc sort data=yrbs;
   by stratum psu;
run;


* Run the SUDAAN descript procedure analyzing QN10 by
  grade;

proc descript data=yrbs design=wr;
   nest       stratum psu/missunit;
   weight     weight;
   var        qn10;
   catlevel   1;
   subgroup   grade;
   levels     4;
   tables     grade;
   print/style=NCHS;
run;
```

Appendix A: Standard 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? A. 12 years old or younger B. 13 years old C. 14 years old D. 15 years old E. 16 years old F. 17 years old G. 18 years old or older Variable label: How old are you Dependence: Required by QNOWT and QNOBESE
Q2.	What is your sex? A. Female B. Male Variable label: What is your sex Dependence: Required by QNOWT and QNOBESE
Q3.	In what grade are you? A. 9th grade B. 10th grade C. 11th grade D. 12th grade E. Ungraded or other grade Variable label: In what grade are you
Q4.	Are you Hispanic or Latino? A. Yes B. No Variable label: Are you Hispanic/Latino
Q5.	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 Variable label: What is your race
Q6.	How tall are you without your shoes on? Height in feet, inches (free text entry) Variable label: How tall are you Dependence: Required by QNOWT and QNOBESE
Q7.	How much do you weigh without your shoes on? Weight in pounds (free text entry) Variable label: How much do you weigh Dependence: Required by QNOWT and QNOBESE

Q8.	How often do you wear a seat belt when **riding** in a car driven by someone else?
	A. **Never**
	B. **Rarely**
	C. **Sometimes**
	D. **Most of the time**
	E. Always
	Variable label: Seat belt use
QN8:	Numerator: Students who answered A, B, C, or D for Q8
	Denominator: Students who answered A, B, C, D, or E for Q8
	Summary text: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)
	QN variable label: Did not always wear a seat belt
	Native direction: Negative
Q9.	During the past 30 days, how many times did you **ride** in a car or other vehicle **driven by someone who had been drinking alcohol**?
	A. 0 times
	B. **1 time**
	C. **2 or 3 times**
	D. **4 or 5 times**
	E. **6 or more times**
	Variable label: Riding with a drinking driver
QN9:	Numerator: Students who answered B, C, D, or E for Q9
	Denominator: Students who answered A, B, C, D, or E for Q9
	Summary text: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)
	QN variable label: Rode with a driver who had been drinking alcohol
	Native direction: Negative
Q10.	During the past 30 days, how many times did you **drive** a car or other vehicle **when you had been drinking alcohol**?
	A. I did not drive a car or other vehicle during the past 30 days
	B. I drove a car or other vehicle, but not when I had been drinking alcohol
	C. **1 time**
	D. **2 or 3 times**
	E. **4 or 5 times**
	F. **6 or more times**
	Variable label: Drinking and driving
	Short response:
	A. Did not drive
	B. Did not drive when drinking
	C. **1 time**
	D. **2 or 3 times**
	E. **4 or 5 times**
	F. **6 or more times**
QN10*:	Numerator: Students who answered C, D, E, or F for Q10
	Denominator: Students who answered B, C, D, E, or F for Q10
	Summary text: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)
	QN variable label: Drove a car or other vehicle when they had been drinking alcohol
	Native direction: Negative

Q11.   During the past 30 days, on how many days did you **text or e-mail** while **driving** a car or other vehicle?
        A.   I did not drive a car or other vehicle during the past 30 days
        B.   I drove a car or other vehicle, but did not text or e-mail while driving
        C.   1 or 2 days
        D.   3 to 5 days
        E.   6 to 9 days
        F.   10 to 19 days
        G.   20 to 29 days
        H.   All 30 days

        Variable label: Texting and driving

        Short response:
        A.   Did not drive
        B.   Did not text while driving
        C.   1 or 2 days
        D.   3 to 5 days
        E.   6 to 9 days
        F.   10 to 19 days
        G.   20 to 29 days
        H.   All 30 days

QN11*: Numerator: Students who answered C, D, E, F, G, or H for Q11
       Denominator: Students who answered B, C, D, E, F, G, or H for Q11
       Summary text: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)
       QN variable label: Texted or e-mailed while driving a car or other vehicle
       Native direction: Negative

Q12.   During the past 30 days, on how many days did you carry **a weapon** such as a gun, knife, or club **on school property**?
        A.   0 days
        B.   1 day
        C.   2 or 3 days
        D.   4 or 5 days
        E.   6 or more days

        Variable label: Weapon carrying at school

QN12:   Numerator: Students who answered B, C, D, or E for Q12
       Denominator: Students who answered A, B, C, D, or E for Q12
       Summary text: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)
       QN variable label: Carried a weapon on school property
       Native direction: Negative

Q13.   **During the past 12 months**, on how many days did you carry a **gun**? (Do **not** count the days when you carried a gun only for hunting or for a sport, such as target shooting.)
        A.   0 days
        B.   1 day
        C.   2 or 3 days
        D.   4 or 5 days
        E.   6 or more days

        Variable label: Gun carrying

QN13:   Numerator: Students who answered B, C, D, or E for Q13
       Denominator: Students who answered A, B, C, D, or E for Q13
       Summary text: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)
       QN variable label: Carried a gun
       Native direction: Negative

Q14.	During the past 30 days, on how many days did you **not** go to school because you felt you would be unsafe at school or on your way to or from school?
	A. 0 days
	B. **1 day**
	C. **2 or 3 days**
	D. **4 or 5 days**
	E. **6 or more days**
	Variable label: Safety concerns at school
QN14:	Numerator: Students who answered B, C, D, or E for Q14
	Denominator: Students who answered A, B, C, D, or E for Q14
	Summary text: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)
	QN variable label: Did not go to school because they felt unsafe at school or on their way to or from school
	Native direction: Negative
Q15.	During the past 12 months, how many times has someone threatened or injured you with **a weapon** such as a gun, knife, or club **on school property**?
	A. 0 times
	B. **1 time**
	C. **2 or 3 times**
	D. **4 or 5 times**
	E. **6 or 7 times**
	F. **8 or 9 times**
	G. **10 or 11 times**
	H. **12 or more times**
	Variable label: Threatened at school
QN15:	Numerator: Students who answered B, C, D, E, F, G, or H for Q15
	Denominator: Students who answered A, B, C, D, E, F, G, or H for Q15
	Summary text: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)
	QN variable label: Were threatened or injured with a weapon on school property
	Native direction: Negative
Q16.	During the past 12 months, how many times were you in a **physical fight**?
	A. 0 times
	B. **1 time**
	C. **2 or 3 times**
	D. **4 or 5 times**
	E. **6 or 7 times**
	F. **8 or 9 times**
	G. **10 or 11 times**
	H. **12 or more times**
	Variable label: Physical fighting
QN16:	Numerator: Students who answered B, C, D, E, F, G, or H for Q16
	Denominator: Students who answered A, B, C, D, E, F, G, or H for Q16
	Summary text: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)
	QN variable label: Were in a physical fight
	Native direction: Negative

Q17.	During the past 12 months, how many times were you in a **physical fight on school property**?	
	A.	0 times
	B.	**1 time**
	C.	**2 or 3 times**
	D.	**4 or 5 times**
	E.	**6 or 7 times**
	F.	**8 or 9 times**
	G.	**10 or 11 times**
	H.	**12 or more times**
	Variable label:	Physical fighting at school
QN17:	Numerator:	Students who answered B, C, D, E, F, G, or H for Q17
	Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q17
	Summary text:	Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)
	QN variable label:	Were in a physical fight on school property
	Native direction:	Negative
Q18.	Have you ever seen someone get physically attacked, beaten, stabbed, or shot in your neighborhood?	
	A.	**Yes**
	B.	No
	Variable label:	Saw physical violence in neighborhood
QN18:	Numerator:	Students who answered A for Q18
	Denominator:	Students who answered A or B for Q18
	Summary text:	Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood
	QN variable label:	Ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood
	Native direction:	Negative
Q19.	Have you ever been physically forced to have sexual intercourse when you did not want to?	
	A.	**Yes**
	B.	No
	Variable label:	Forced sexual intercourse
QN19:	Numerator:	Students who answered A for Q19
	Denominator:	Students who answered A or B for Q19
	Summary text:	Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)
	QN variable label:	Were ever physically forced to have sexual intercourse
	Native direction:	Negative
Q20.	During the past 12 months, how many times did **anyone** force you to do sexual things that you did not want to do? (Count such things as kissing, touching, or being physically forced to have sexual intercourse.)	
	A.	0 times
	B.	**1 time**
	C.	**2 or 3 times**
	D.	**4 or 5 times**
	E.	**6 or more times**
	Variable label:	Sexual violence
QN20:	Numerator:	Students who answered B, C, D, or E for Q20
	Denominator:	Students who answered A, B, C, D, or E for Q20
	Summary text:	Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)
	QN variable label:	Experienced sexual violence
	Native direction:	Negative

Q21.   During the past 12 months, how many times did **someone you were dating or going out with** force you to do sexual things that you did not want to do? (Count such things as kissing, touching, or being physically forced to have sexual intercourse.)
         A.   I did not date or go out with anyone during the past 12 months
         B.   0 times
         C.   1 time
         D.   2 or 3 times
         E.   4 or 5 times
         F.   6 or more times

         Variable label: Sexual dating violence

         Short response:
         A.   Did not date
         B.   0 times
         C.   1 time
         D.   2 or 3 times
         E.   4 or 5 times
         F.   6 or more times

QN21*: Numerator: Students who answered C, D, E, or F for Q21
         Denominator: Students who answered B, C, D, E, or F for Q21
         Summary text: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)
         QN variable label: Experienced sexual dating violence
         Native direction: Negative

Q22.   During the past 12 months, how many times did **someone you were dating or going out with** physically hurt you on purpose? (Count such things as being hit, slammed into something, or injured with an object or weapon.)
         A.   I did not date or go out with anyone during the past 12 months
         B.   0 times
         C.   1 time
         D.   2 or 3 times
         E.   4 or 5 times
         F.   6 or more times

         Variable label: Physical dating violence

         Short response:
         A.   Did not date
         B.   0 times
         C.   1 time
         D.   2 or 3 times
         E.   4 or 5 times
         F.   6 or more times

QN22*: Numerator: Students who answered C, D, E, or F for Q22
         Denominator: Students who answered B, C, D, E, or F for Q22
         Summary text: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)
         QN variable label: Experienced physical dating violence
         Native direction: Negative

Q23.	During your life, how often have you felt that you were treated badly or unfairly in school because of your race or ethnicity?
	A. Never
	B. Rarely
	C. Sometimes
	D. Most of the time
	E. Always
	Variable label: Treated badly because of race or ethnicity
QN23:	Numerator: Students who answered B, C, D, or E for Q23
	Denominator: Students who answered A, B, C, D, or E for Q23
	Summary text: Percentage of students who felt that they were ever treated badly or unfairly in school because of their race or ethnicity (during their life)
	QN variable label: Felt that they were ever treated badly or unfairly in school because of their race or ethnicity
	Native direction: Negative
Q24.	During the past 12 months, have you ever been bullied **on school property**?
	A. Yes
	B. No
	Variable label: Bullying at school
QN24:	Numerator: Students who answered A for Q24
	Denominator: Students who answered A or B for Q24
	Summary text: Percentage of students who were bullied on school property (during the 12 months before the survey)
	QN variable label: Were bullied on school property
	Native direction: Negative
Q25.	During the past 12 months, have you ever been **electronically** bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)
	A. Yes
	B. No
	Variable label: Electronic bullying
QN25:	Numerator: Students who answered A for Q25
	Denominator: Students who answered A or B for Q25
	Summary text: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, during the 12 months before the survey)
	QN variable label: Were electronically bullied
	Native direction: Negative
Q26.	During the past 12 months, did you ever feel so sad or hopeless almost every day for **two weeks or more in a row** that you stopped doing some usual activities?
	A. Yes
	B. No
	Variable label: Sad or hopeless
QN26:	Numerator: Students who answered A for Q26
	Denominator: Students who answered A or B for Q26
	Summary text: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, during the 12 months before the survey)
	QN variable label: Felt sad or hopeless
	Native direction: Negative

Q27.	During the past 12 months, did you ever **seriously** consider attempting suicide?	
	A.	**Yes**
	B.	No
	Variable label:	Considered suicide
QN27:	Numerator:	Students who answered A for Q27
	Denominator:	Students who answered A or B for Q27
	Summary text:	Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)
	QN variable label:	Seriously considered attempting suicide
	Native direction:	Negative
Q28.	During the past 12 months, did you make a plan about how you would attempt suicide?	
	A.	**Yes**
	B.	No
	Variable label:	Made a suicide plan
QN28:	Numerator:	Students who answered A for Q28
	Denominator:	Students who answered A or B for Q28
	Summary text:	Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)
	QN variable label:	Made a plan about how they would attempt suicide
	Native direction:	Negative
Q29.	During the past 12 months, how many times did you actually attempt suicide?	
	A.	0 times
	B.	**1 time**
	C.	**2 or 3 times**
	D.	**4 or 5 times**
	E.	**6 or more times**
	Variable label:	Attempted suicide
QN29:	Numerator:	Students who answered B, C, D, or E for Q29
	Denominator:	Students who answered A, B, C, D, or E for Q29
	Summary text:	Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)
	QN variable label:	Actually attempted suicide
	Native direction:	Negative
Q30.	**If you attempted suicide** during the past 12 months, did any attempt result in an injury, poisoning, or overdose that had to be treated by a doctor or nurse?	
	A.	I did not attempt suicide during the past 12 months
	B.	**Yes**
	C.	No
	Variable label:	Injurious suicide attempt
QN30:	Numerator:	Students who answered B for Q30
	Denominator:	Students who answered A, B, or C for Q30
	Summary text:	Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)
	QN variable label:	Had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse
	Native direction:	Negative

Q31.	Have you ever smoked a cigarette, even one or two puffs?	
	A.	**Yes**
	B.	No
	Variable label:	Ever cigarette use
QN31:	Numerator:	Students who answered A for Q31
	Denominator:	Students who answered A or B for Q31
	Summary text:	Percentage of students who ever smoked a cigarette (even one or two puffs)
	QN variable label:	Ever smoked a cigarette
	Native direction:	Negative

Q32.	How old were you when you first smoked a cigarette, even one or two puffs?	
	A.	I have never smoked a cigarette, not even one or two puffs
	B.	**8 years old or younger**
	C.	**9 or 10 years old**
	D.	**11 or 12 years old**
	E.	13 or 14 years old
	F.	15 or 16 years old
	G.	17 years old or older
	Variable label:	Initiation of cigarette smoking
	Short response:	
	A.	Never smoked a cigarette
	B.	**8 years old or younger**
	C.	**9 or 10 years old**
	D.	**11 or 12 years old**
	E.	13 or 14 years old
	F.	15 or 16 years old
	G.	17 years old or older
QN32:	Numerator:	Students who answered B, C, or D for Q32
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q32
	Summary text:	Percentage of students who smoked a cigarette before age 13 years (even one or two puffs)
	QN variable label:	Smoked a cigarette before age 13 years
	Native direction:	Negative

Q33.	During the past 30 days, on how many days did you smoke cigarettes?	
	A.	0 days
	B.	**1 or 2 days**
	C.	**3 to 5 days**
	D.	**6 to 9 days**
	E.	**10 to 19 days**
	F.	**20 to 29 days**
	G.	**All 30 days**
	Variable label:	Current cigarette use
QN33:	Numerator:	Students who answered B, C, D, E, F, or G for Q33
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q33
	Summary text:	Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)
	QN variable label:	Currently smoked cigarettes
	Dependence:	Required by QN34, QNFRCIG, QNDAYCIG, QNTB2, QNTB3, QNTB4, and QNTB5
	Native direction:	Negative

Q34.	During the past 30 days, on the days you smoked, how many cigarettes did you smoke **per day**?
	A. I did not smoke cigarettes during the past 30 days
	B. Less than 1 cigarette per day
	C. 1 cigarette per day
	D. 2 to 5 cigarettes per day
	E. 6 to 10 cigarettes per day
	F. 11 to 20 cigarettes per day
	G. More than 20 cigarettes per day

Variable label: Smoked > 10 cigarettes

Short response:
A. Did not smoke cigarettes
B. Less than 1 cigarette
C. 1 cigarette
D. 2 to 5 cigarettes
E. 6 to 10 cigarettes
F. 11 to 20 cigarettes
G. More than 20 cigarettes

QN34*:	Numerator:	Students who answered F or G for Q34
	Denominator:	Students who answered B, C, D, E, F, or G for Q33 and answered B, C, D, E, F, or G for Q34
	Summary text:	Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)
	QN variable label:	Smoked more than 10 cigarettes per day
	Dependence:	Depends on Q33
	Native direction:	Negative

Q35.	Have you ever used an electronic vapor product?
	A. Yes
	B. No

Variable label: Electronic vapor product use

QN35:	Numerator:	Students who answered A for Q35
	Denominator:	Students who answered A or B for Q35
	Summary text:	Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, mods, e-cigars, e-hookahs, and vape pens [such as JUUL, Vuse, NJOY, Puff Bar, blu, or Bid Stick])
	QN variable label:	Ever used an electronic vapor product
	Native direction:	Negative

Q36.	During the past 30 days, on how many days did you use an electronic vapor product?
	A. 0 days
	B. 1 or 2 days
	C. 3 to 5 days
	D. 6 to 9 days
	E. 10 to 19 days
	F. 20 to 29 days
	G. All 30 days

Variable label: Current electronic vapor use

QN36:	Numerator:	Students who answered B, C, D, E, F, or G for Q36
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q36
	Summary text:	Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)
	QN variable label:	Currently used an electronic vapor product
	Dependence:	Required by QNFREVP, QNDAYEVP, QN37, QNTB4, and QNTB5
	Native direction:	Negative

Q37.	During the past 30 days, how did you **usually** get your electronic vapor products? (Select only **one** response.)
	A. I did not use any electronic vapor products during the past 30 days
	B. I got or bought them from a friend, family member, or someone else
	C. I bought them myself in a vape shop or tobacco shop
	D. I bought them myself in a convenience store, supermarket, discount store, or gas station
	E. I bought them myself at a mall or shopping center kiosk or stand
	F. I bought them myself on the Internet, such as from a product website, vape store website, or other website like eBay, Amazon, Facebook Marketplace, or Craigslist
	G. I took them from a store or another person
	H. I got them in some other way
	Variable label: EVP from store
	Short response:
	A. Did not use EVP
	B. Friend or family
	C. Vape shop or tobacco shop
	D. Store or gas station
	E. Mall kiosk or stand
	F. Internet
	G. Took from a store
	H. Some other way
QN37*:	Numerator: Students who answered D for Q37
	Denominator: Students who answered B, C, D, E, F, or G for Q36 and answered B, C, D, E, F, G, or H for Q37
	Summary text: Percentage of students who usually got their electronic vapor products by buying them themselves in a convenience store, supermarket, discount store, or gas station (during the 30 days before the survey, among students who currently used electronic vapor products)
	QN variable label: Usually got their electronic vapor products by buying them themselves in a convenience store, supermarket, discount store, or gas station
	Dependence: Depends on Q36
	Native direction: Negative
Q38.	During the past 30 days, on how many days did you use **chewing tobacco, snuff, dip**, **snus, or dissolvable tobacco products**, such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)
	A. 0 days
	B. 1 or 2 days
	C. 3 to 5 days
	D. 6 to 9 days
	E. 10 to 19 days
	F. 20 to 29 days
	G. All 30 days
	Variable label: Current smokeless tobacco use
QN38:	Numerator: Students who answered B, C, D, E, 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 used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)
	QN variable label: Currently used smokeless tobacco
	Dependence: Required by QNFRSKL, QNDAYSKL, QNTB3, and QNTB4
	Native direction: Negative

Q39.	During the past 30 days, on how many days did you smoke **cigars, cigarillos, or little cigars**, such as Swisher Sweets, Middleton's (including Black & Mild), or Backwoods?
	A.　0 days
	B.　1 or 2 days
	C.　3 to 5 days
	D.　6 to 9 days
	E.　10 to 19 days
	F.　20 to 29 days
	G.　All 30 days
	Variable label:　Current cigar use
QN39:	Numerator:　Students who answered B, C, D, E, F, or G for Q39
	Denominator:　Students who answered A, B, C, D, E, F, or G for Q39
	Summary text:　Percentage of students who currently smoked cigars, cigarillos, or little cigars, such as Swisher Sweets, Middleton's (including Black & Mild), or Backwoods, on at least 1 day during the 30 days before the survey)
	QN variable label:　Currently smoked cigars
	Dependence:　Required by QNFRCGR, QNDAYCGR, QNTB2, QNTB3, and QNTB4
	Native direction:　Negative
Q40.	During the past 12 months, did you ever try **to quit** using **all** tobacco products?
	A.　I did not use cigarettes, electronic vapor products, smokeless tobacco, cigars, shisha or hookah tobacco, pipe tobacco, heated tobacco products, or nicotine pouches during the past 12 months
	B.　Yes
	C.　No
	Variable label:　All tobacco product cessation
	Short response:
	A.　Did not use tobacco products
	B.　Yes
	C.　No
QN40*:	Numerator:　Students who answered B for Q40
	Denominator:　Students who answered B or C for Q40
	Summary text:　Percentage of students who tried to quit using all tobacco products (including cigarettes, electronic vapor products, smokeless tobacco, cigars, shisha or hookah tobacco, pipe tobacco, heated tobacco products, or nicotine pouches, during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)
	QN variable label:　Tried to quit using all tobacco products
	Native direction:　Positive
	Alternative text:　Did not try to quit using all tobacco products

Q41.	How old were you when you had your first drink of alcohol other than a few sips?	
	A.	I have never had a drink of alcohol other than a few sips
	B.	**8 years old or younger**
	C.	**9 or 10 years old**
	D.	**11 or 12 years old**
	E.	13 or 14 years old
	F.	15 or 16 years old
	G.	17 years old or older
	Variable label:	Initiation of alcohol use
	Short response:	
	A.	Never drank alcohol
	B.	**8 years old or younger**
	C.	**9 or 10 years old**
	D.	**11 or 12 years old**
	E.	13 or 14 years old
	F.	15 or 16 years old
	G.	17 years old or older
QN41:	Numerator:	Students who answered B, C, or D for Q41
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q41
	Summary text:	Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)
	QN variable label:	Had their first drink of alcohol before age 13 years
	Native direction:	Negative
Q42.	During the past 30 days, on how many days did you have at least one drink of alcohol?	
	A.	0 days
	B.	**1 or 2 days**
	C.	**3 to 5 days**
	D.	**6 to 9 days**
	E.	**10 to 19 days**
	F.	**20 to 29 days**
	G.	**All 30 days**
	Variable label:	Current alcohol use
QN42:	Numerator:	Students who answered B, C, D, E, F, or G for Q42
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q42
	Summary text:	Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)
	QN variable label:	Currently drank alcohol
	Dependence:	Required by QN45
	Native direction:	Negative

Q43. During the past 30 days, on how many days did you have **4** or more drinks of alcohol in a row, that is, within a couple of hours (if you are **female**) or **5** or more drinks of alcohol in a row, that is, within a couple of hours (if you are **male**)?
A. 0 days
B. **1 day**
C. **2 days**
D. **3 to 5 days**
E. **6 to 9 days**
F. **10 to 19 days**
G. **20 or more days**

Variable label: Current binge drinking

QN43:
Numerator: Students who answered B, C, D, E, F, or G for Q43
Denominator: Students who answered A, B, C, D, E, F, or G for Q43
Summary text: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey)
QN variable label: Currently were binge drinking
Native direction: Negative

Q44. During the past 30 days, what is the largest number of alcoholic drinks you had in a row, that is, within a couple of hours?
A. I did not drink alcohol during the past 30 days
B. 1 or 2 drinks
C. 3 drinks
D. 4 drinks
E. 5 drinks
F. 6 or 7 drinks
G. 8 or 9 drinks
H. **10 or more drinks**

Variable label: Largest number of drinks

Short response:
A. Did not drink alcohol in past 30 days
B. 1 or 2 drinks
C. 3 drinks
D. 4 drinks
E. 5 drinks
F. 6 or 7 drinks
G. 8 or 9 drinks
H. **10 or more drinks**

QN44:
Numerator: Students who answered H for Q44
Denominator: Students who answered A, B, C, D, E, F, G, or H for Q44
Summary text: 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)
QN variable label: Reported that the largest number of drinks they had in a row was 10 or more
Native direction: Negative

Q45.	During the past 30 days, how did you **usually** get the alcohol you drank?
	A. I did not drink alcohol during the past 30 days
	B. I bought it in a store such as a liquor store, convenience store, supermarket, discount store, or gas station
	C. I bought it at a restaurant, bar, or club
	D. I bought it at a public event such as a concert or sporting event
	E. I gave someone else money to buy it for me
	F. Someone gave it to me
	G. I took it from a store or family member
	H. I got it some other way

Variable label: Source of alcohol

Short response:
A. Did not drink in past 30 days
B. Bought in store
C. Bought in restaurant
D. Bought at public event
E. I gave someone money to buy
F. Someone gave it to me
G. Took from a store/family
H. Some other way

QN45*:	Numerator:	Students who answered F for Q45
	Denominator:	Students who answered B, C, D, E, F, or G for Q42 and answered B, C, D, E, F, G, or H for Q45
	Summary text:	Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol)
	QN variable label:	Usually got the alcohol they drank by someone giving it to them
	Dependence:	Depends on Q42
	Native direction:	Negative

Q46.	During your life, how many times have you used marijuana?
	A. 0 times
	B. 1 or 2 times
	C. 3 to 9 times
	D. 10 to 19 times
	E. 20 to 39 times
	F. 40 to 99 times
	G. 100 or more times

Variable label: Ever marijuana use

QN46:	Numerator:	Students who answered B, C, D, E, F, or G for Q46
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q46
	Summary text:	Percentage of students who ever used marijuana (one or more times during their life)
	QN variable label:	Ever used marijuana
	Native direction:	Negative

Q47.	How old were you when you tried marijuana for the first time?
	A. I have never tried marijuana
	B. 8 years old or younger
	C. 9 or 10 years old
	D. 11 or 12 years old
	E. 13 or 14 years old
	F. 15 or 16 years old
	G. 17 years old or older

Variable label: Initiation of marijuana use

Short response:
A.   Never tried marijuana
B.   8 years old or younger
C.   9 or 10 years old
D.   11 or 12 years old
E.   13 or 14 years old
F.   15 or 16 years old
G.   17 years old or older

QN47:	Numerator:	Students who answered B, C, or D for Q47
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q47
	Summary text:	Percentage of students who tried marijuana for the first time before age 13 years
	QN variable label:	Tried marijuana for the first time before age 13 years
	Native direction:	Negative

Q48.	During the past 30 days, how many times did you use marijuana?
	A. 0 times
	B. 1 or 2 times
	C. 3 to 9 times
	D. 10 to 19 times
	E. 20 to 39 times
	F. 40 or more times

Variable label: Current marijuana use

QN48:	Numerator:	Students who answered B, C, D, E, or F for Q48
	Denominator:	Students who answered A, B, C, D, E, or F for Q48
	Summary text:	Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)
	QN variable label:	Currently used marijuana
	Native direction:	Negative

Q49.	During your life, how many times have you taken **prescription pain medicine** without a doctor's prescription or differently than how a doctor told you to use it?
	A. 0 times
	B. 1 or 2 times
	C. 3 to 9 times
	D. 10 to 19 times
	E. 20 to 39 times
	F. 40 or more times

Variable label: Ever prescription pain medicine use

QN49:	Numerator:	Students who answered B, C, D, E, or F for Q49
	Denominator:	Students who answered A, B, C, D, E, or F for Q49
	Summary text:	Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)
	QN variable label:	Ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it
	Native direction:	Negative

Q50.	During your life, how many times have you used **any** form of cocaine, including powder, crack, or freebase?
	A. 0 times
	B. 1 or 2 times
	C. 3 to 9 times
	D. 10 to 19 times
	E. 20 to 39 times
	F. 40 or more times

Variable label: Ever cocaine use

QN50:	Numerator:	Students who answered B, C, D, E, or F for Q50
	Denominator:	Students who answered A, B, C, D, E, or F for Q50
	Summary text:	Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)
	QN variable label:	Ever used cocaine
	Native direction:	Negative

Q51.	During your life, how many times have you sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high?
	A. 0 times
	B. 1 or 2 times
	C. 3 to 9 times
	D. 10 to 19 times
	E. 20 to 39 times
	F. 40 or more times

Variable label: Ever inhalant use

QN51:	Numerator:	Students who answered B, C, D, E, or F for Q51
	Denominator:	Students who answered A, B, C, D, E, or F for Q51
	Summary text:	Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)
	QN variable label:	Ever used inhalants
	Native direction:	Negative

Q52.	During your life, how many times have you used **heroin** (also called smack, junk, or China White)?
	A. 0 times
	B. 1 or 2 times
	C. 3 to 9 times
	D. 10 to 19 times
	E. 20 to 39 times
	F. 40 or more times

Variable label: Ever heroin use

QN52:	Numerator:	Students who answered B, C, D, E, or F for Q52
	Denominator:	Students who answered A, B, C, D, E, or F for Q52
	Summary text:	Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)
	QN variable label:	Ever used heroin
	Native direction:	Negative

Q53.	During your life, how many times have you used **methamphetamines** (also called speed, crystal meth, crank, ice, or meth)?
	A. 0 times
	B. **1 or 2 times**
	C. **3 to 9 times**
	D. **10 to 19 times**
	E. **20 to 39 times**
	F. **40 or more times**
	Variable label: Ever methamphetamine use
QN53:	Numerator: Students who answered B, C, D, E, or F for Q53
	Denominator: Students who answered A, B, C, D, E, or F for Q53
	Summary text: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)
	QN variable label: Ever used methamphetamines
	Native direction: Negative
Q54.	During your life, how many times have you used **ecstasy** (also called MDMA or Molly)?
	A. 0 times
	B. **1 or 2 times**
	C. **3 to 9 times**
	D. **10 to 19 times**
	E. **20 to 39 times**
	F. **40 or more times**
	Variable label: Ever ecstasy use
QN54:	Numerator: Students who answered B, C, D, E, or F for Q54
	Denominator: Students who answered A, B, C, D, E, or F for Q54
	Summary text: Percentage of students who ever used ecstasy (also called "MDMA" or Molly," one or more times during their life)
	QN variable label: Ever used ecstasy
	Native direction: Negative
Q55.	During your life, how many times have you used a needle to inject any **illegal** drug into your body?
	A. 0 times
	B. **1 time**
	C. **2 or more times**
	Variable label: Illegal injected drug use
QN55:	Numerator: Students who answered B or C for Q55
	Denominator: Students who answered A, B, or C for Q55
	Summary text: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)
	QN variable label: Ever injected any illegal drug
	Native direction: Negative
Q56.	Have you ever had sexual intercourse?
	A. **Yes**
	B. No
	Variable label: Ever sexual intercourse
QN56:	Numerator: Students who answered A for Q56
	Denominator: Students who answered A or B for Q56
	Summary text: Percentage of students who ever had sexual intercourse
	QN variable label: Ever had sexual intercourse
	Native direction: Negative

Q57. How old were you when you had sexual intercourse for the first time?
A. I have never had sexual intercourse
B. 11 years old or younger
C. 12 years old
D. 13 years old
E. 14 years old
F. 15 years old
G. 16 years old
H. 17 years old or older

Variable label: Sex before 13 years

Short response:
A. Never had sex
B. 11 years old or younger
C. 12 years old
D. 13 years old
E. 14 years old
F. 15 years old
G. 16 years old
H. 17 years old or older

QN57: Numerator: Students who answered B or C for Q57
Denominator: Students who answered A, B, C, D, E, F, G, or H for Q57
Summary text: Percentage of students who had sexual intercourse for the first time before age 13 years
QN variable label: Had sexual intercourse for the first time before age 13 years
Native direction: Negative

Q58. During your life, with how many people have you had sexual intercourse?
A. I have never had sexual intercourse
B. 1 person
C. 2 people
D. 3 people
E. 4 people
F. 5 people
G. 6 or more people

Variable label: Number of sex partners

Short response:
A. Never had sex
B. 1 person
C. 2 people
D. 3 people
E. 4 people
F. 5 people
G. 6 or more people

QN58: Numerator: Students who answered E, F, or G for Q58
Denominator: Students who answered A, B, C, D, E, F, or G for Q58
Summary text: Percentage of students who had sexual intercourse with four or more persons during their life
QN variable label: Had sexual intercourse with four or more persons during their life
Native direction: Negative

Q59.	During the past 3 months, with how many people did you have sexual intercourse?	
	A.	I have never had sexual intercourse
	B.	I have had sexual intercourse, but not during the past 3 months
	C.	**1 person**
	D.	**2 people**
	E.	**3 people**
	F.	**4 people**
	G.	**5 people**
	H.	**6 or more people**

Variable label: Current sexual activity

Short response:
A.   Never had sex
B.   None during past 3 months
C.   1 person
D.   2 people
E.   3 people
F.   4 people
G.   5 people
H.   6 or more people

QN59:	Numerator:	Students who answered C, D, E, F, G, or H for Q59
	Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q59
	Summary text:	Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)
	QN variable label:	Were currently sexually active
	Dependence:	Required by QN60, QN61, QN62, QNIUDIMP, QNOTHHPL, QNDUALBC, and QNBCNONE
	Native direction:	Negative

Q60.	Did you drink alcohol or use drugs before you had sexual intercourse the **last time**?	
	A.	I have never had sexual intercourse
	B.	**Yes**
	C.	No

Variable label: Alcohol/drugs and sex

Short response:
A.   Never had sex
B.   Yes
C.   No

QN60*:	Numerator:	Students who answered B for Q60
	Denominator:	Students who answered C, D, E, F, G, or H for Q59 and answered B or C for Q60
	Summary text:	Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)
	QN variable label:	Drank alcohol or used drugs before last sexual intercourse
	Dependence:	Depends on Q59
	Native direction:	Negative

Q61.	The **last time** you had sexual intercourse, did you or your partner use a condom?

A. I have never had sexual intercourse
B. **Yes**
C. No

Variable label: Condom use

Short response:
A. Never had sex
B. **Yes**
C. No

QN61*:	Numerator:	Students who answered B for Q61
	Denominator:	Students who answered C, D, E, F, G, or H for Q59 and answered B or C for Q61
	Summary text:	Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)
	QN variable label:	Used a condom during last sexual intercourse
	Dependence:	Depends on Q59
		Required by QNDUALBC
	Native direction:	Positive
	Alternative text:	Did not use a condom during last sexual intercourse

Q62.	The **last time** you had sexual intercourse with an opposite-sex partner, what **one** method did you or your partner use to **prevent pregnancy**? (Select only **one** response.)

A. I have never had sexual intercourse with an opposite-sex partner
B. No method was used to prevent pregnancy
C. **Birth control pills** (Do **not** count emergency contraception such as Plan B or the "morning after" pill.)
D. Condoms
E. An IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon)
F. A shot (such as Depo-Provera), patch (such as Ortho Evra), or birth control ring (such as NuvaRing)
G. Withdrawal or some other method
H. Not sure

Variable label: Birth control pill use

Short response:
A. Never had sex
B. No method was used
C. **Birth control pills**
D. Condoms
E. IUD or implant
F. A shot, patch, or birth control ring
G. Withdrawal/some other method
H. Not sure

QN62*:	Numerator:	Students who answered C for Q62
	Denominator:	Students who answered C, D, E, F, G, or H for Q59 and answered B, C, D, E, F, G, or H for Q62
	Summary text:	Percentage of students who used birth control pills before last sexual intercourse with opposite-sex partner (to prevent pregnancy, not counting emergency contraception such as Plan B or the "morning after" pill, among students who were currently sexually active)
	QN variable label:	Used birth control pills before last sexual intercourse with opposite-sex partner
	Dependence:	Depends on Q59
		Required by QNIUDIMP, QNOTHHPL, QNDUALBC, and QNBCNONE
	Native direction:	Positive
	Alternative text:	Did not use birth control pills before last sexual intercourse with opposite-sex partner

Q63.	During your life, with whom have you had sexual contact?
	A. I have never had sexual contact
	B. Females
	C. Males
	D. Females and males
	Variable label: Sex of sexual contacts
	Short response:
	A. Never had sexual contact
	B. Females
	C. Males
	D. Females and males
Q64.	Which of the following best describes you?
	A. Heterosexual (straight)
	B. Gay or lesbian
	C. Bisexual
	D. I describe my sexual identity some other way
	E. I am not sure about my sexual identity (questioning)
	F. I do not know what this question is asking
	Variable label: Sexual identity
	Short response:
	A. Heterosexual
	B. Gay or lesbian
	C. Bisexual
	D. Some other identity
	E. Questioning identity
	F. Do not understand
Q65.	Some people describe themselves as transgender when their sex at birth does not match the way they think or feel about their gender. Are you transgender?
	A. No, I am not transgender
	B. Yes, I am transgender
	C. I am not sure if I am transgender
	D. I do not know what this question is asking
	Variable label: Transgender
	Short response:
	A. No, I am not transgender
	B. Yes, I am transgender
	C. I am not sure if I am transgender
	D. Do not understand
Q66.	How do **you** describe your weight?
	A. Very underweight
	B. Slightly underweight
	C. About the right weight
	D. **Slightly overweight**
	E. **Very overweight**
	Variable label: Perception of weight
QN66:	Numerator: Students who answered D or E for Q66
	Denominator: Students who answered A, B, C, D, or E for Q66
	Summary text: Percentage of students who described themselves as slightly or very overweight
	QN variable label: Described themselves as slightly or very overweight
	Native direction: Negative

Q67.	Which of the following are you trying to do about your weight?	
	A.	**Lose weight**
	B.	Gain weight
	C.	Stay the same weight
	D.	I am not trying to do anything about my weight

Variable label: Weight loss

Short response:
A. **Lose weight**
B. Gain weight
C. Stay the same weight
D. Not trying to do anything

QN67:	Numerator:	Students who answered A for Q67
	Denominator:	Students who answered A, B, C, or D for Q67
	Summary text:	Percentage of students who were trying to lose weight
	QN variable label:	Were trying to lose weight
	Native direction:	Positive
	Alternative text:	were not trying to lose weight

Q68.	During the past 7 days, how many times did you drink **100% fruit juices** such as orange juice, apple juice, or grape juice? (Do **not** count punch, Kool-Aid, sports drinks, or other fruit-flavored drinks.)

A. **I did not drink 100% fruit juice during the past 7 days**
B. 1 to 3 times during the past 7 days
C. 4 to 6 times during the past 7 days
D. 1 time per day
E. 2 times per day
F. 3 times per day
G. 4 or more times per day

Variable label: Fruit juice drinking

Short response:
A. **Did not drink fruit juice**
B. 1 to 3 times
C. 4 to 6 times
D. 1 time per day
E. 2 times per day
F. 3 times per day
G. 4 or more times per day

QN68:	Numerator:	Students who answered A for Q68
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q68
	Summary text:	Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)
	QN variable label:	Did not drink fruit juice
	Dependence:	Required by QNFR0, QNFR1, and QNFR2
	Native direction:	Negative

Q69.	During the past 7 days, how many times did you eat **fruit**? (Do **not** count fruit juice.)
	A. **I did not eat fruit during the past 7 days**
	B. 1 to 3 times during the past 7 days
	C. 4 to 6 times during the past 7 days
	D. 1 time per day
	E. 2 times per day
	F. 3 times per day
	G. 4 or more times per day
	Variable label: Fruit eating
	Short response:
	A. **Did not eat fruit**
	B. 1 to 3 times
	C. 4 to 6 times
	D. 1 time per day
	E. 2 times per day
	F. 3 times per day
	G. 4 or more times per day
QN69:	Numerator: Students who answered A for Q69
	Denominator: Students who answered A, B, C, D, E, F, or G for Q69
	Summary text: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)
	QN variable label: Did not eat fruit
	Dependence: Required by QNFR0, QNFR1, and QNFR2
	Native direction: Negative
Q70.	During the past 7 days, how many times did you eat **green salad**?
	A. **I did not eat green salad during the past 7 days**
	B. 1 to 3 times during the past 7 days
	C. 4 to 6 times during the past 7 days
	D. 1 time per day
	E. 2 times per day
	F. 3 times per day
	G. 4 or more times per day
	Variable label: Green salad eating
	Short response:
	A. **Did not eat green salad**
	B. 1 to 3 times
	C. 4 to 6 times
	D. 1 time per day
	E. 2 times per day
	F. 3 times per day
	G. 4 or more times per day
QN70:	Numerator: Students who answered A for Q70
	Denominator: Students who answered A, B, C, D, E, F, or G for Q70
	Summary text: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)
	QN variable label: Did not eat salad
	Dependence: Required by QNVEG0, QNVEG1, QNVEG2, and QNVEG3
	Native direction: Negative

Q71. During the past 7 days, how many times did you eat **potatoes**? (Do **not** count french fries, fried potatoes, or potato chips.)
  A. **I did not eat potatoes during the past 7 days**
  B. 1 to 3 times during the past 7 days
  C. 4 to 6 times during the past 7 days
  D. 1 time per day
  E. 2 times per day
  F. 3 times per day
  G. 4 or more times per day

  Variable label: Potato eating

  Short response:
  A. **Did not eat potatoes**
  B. 1 to 3 times
  C. 4 to 6 times
  D. 1 time per day
  E. 2 times per day
  F. 3 times per day
  G. 4 or more times per day

QN71: Numerator: Students who answered A for Q71
  Denominator: Students who answered A, B, C, D, E, F, or G for Q71
  Summary text: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)
  QN variable label: Did not eat potatoes
  Dependence: Required by QNVEG0, QNVEG1, QNVEG2, and QNVEG3
  Native direction: Negative

Q72. During the past 7 days, how many times did you eat **carrots**?
  A. **I did not eat carrots during the past 7 days**
  B. 1 to 3 times during the past 7 days
  C. 4 to 6 times during the past 7 days
  D. 1 time per day
  E. 2 times per day
  F. 3 times per day
  G. 4 or more times per day

  Variable label: Carrot eating

  Short response:
  A. **Did not eat carrots**
  B. 1 to 3 times
  C. 4 to 6 times
  D. 1 time per day
  E. 2 times per day
  F. 3 times per day
  G. 4 or more times per day

QN72: Numerator: Students who answered A for Q72
  Denominator: Students who answered A, B, C, D, E, F, or G for Q72
  Summary text: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)
  QN variable label: Did not eat carrots
  Dependence: Required by QNVEG0, QNVEG1, QNVEG2, and QNVEG3
  Native direction: Negative

Q73.   During the past 7 days, how many times did you eat **other vegetables**? (Do **not** count green salad, potatoes, or carrots.)
       A.   **I did not eat other vegetables during the past 7 days**
       B.   1 to 3 times during the past 7 days
       C.   4 to 6 times during the past 7 days
       D.   1 time per day
       E.   2 times per day
       F.   3 times per day
       G.   4 or more times per day

       Variable label: Other vegetable eating

       Short response:
       A.   **Did not eat other vegetables**
       B.   1 to 3 times
       C.   4 to 6 times
       D.   1 time per day
       E.   2 times per day
       F.   3 times per day
       G.   4 or more times per day

QN73:   Numerator: Students who answered A for Q73
       Denominator: Students who answered A, B, C, D, E, F, or G for Q73
       Summary text: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)
       QN variable label: Did not eat other vegetables
       Dependence: Required by QNVEG0, QNVEG1, QNVEG2, and QNVEG3
       Native direction: Negative

Q74.   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.)
       A.   **I did not drink soda or pop during the past 7 days**
       B.   1 to 3 times during the past 7 days
       C.   4 to 6 times during the past 7 days
       D.   1 time per day
       E.   2 times per day
       F.   3 times per day
       G.   4 or more times per day

       Variable label: No soda drinking

       Short response:
       A.   **Did not drink soda or pop**
       B.   1 to 3 times
       C.   4 to 6 times
       D.   1 time per day
       E.   2 times per day
       F.   3 times per day
       G.   4 or more times per day

QN74:   Numerator: Students who answered A for Q74
       Denominator: Students who answered A, B, C, D, E, F, or G for Q74
       Summary text: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey)
       QN variable label: Did not drink a can, bottle, or glass of soda or pop
       Dependence: Required by QNSODA1, and QNSODA2
       Native direction: Positive
       Alternative text: Drank a can, bottle, or glass of soda or pop

Q75.	During the past 7 days, on how many days did you eat **breakfast**?

A.   **0 days**
B.   1 day
C.   2 days
D.   3 days
E.   4 days
F.   5 days
G.   6 days
H.   7 days

Variable label: Breakfast eating

QN75:	Numerator: Students who answered A for Q75

Denominator: Students who answered A, B, C, D, E, F, G, or H for Q75
Summary text: Percentage of students who did not eat breakfast (during the 7 days before the survey)
QN variable label: Did not eat breakfast
Dependence: Required by QNBK7DAY
Native direction: Negative

Q76.	During the past 7 days, on how many days were you physically active for a total of **at least 60 minutes per day**? (Add up all the time you spent in any kind of physical activity that increased your heart rate and made you breathe hard some of the time.)

A.   0 days
B.   1 day
C.   2 days
D.   3 days
E.   4 days
F.   **5 days**
G.   **6 days**
H.   **7 days**

Variable label: Physical activity >= 5 days

QN76:	Numerator: Students who answered F, G, or H for Q76

Denominator: Students who answered A, B, C, D, E, F, G, or H for Q76
Summary text: Percentage of students who were physically active at least 60 minutes per day on 5 or more 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)
QN variable label: Were physically active at least 60 minutes per day on 5 or more days
Dependence: Required by QNPA0DAY and QNPA7DAY
Native direction: Positive
Alterative text: Were not physically active at least 60 minutes per day on 5 or more days

Q77.	In an average week when you are in school, on how many days do you go to physical education (PE) classes?

A.   0 days
B.   **1 day**
C.   **2 days**
D.   **3 days**
E.   **4 days**
F.   **5 days**

Variable label: PE attendance

QN77:	Numerator: Students who answered B, C, D, E, or F for Q77

Denominator: Students who answered A, B, C, D, E, or F for Q77
Summary text: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)
QN variable label: Attended physical education (PE) classes on 1 or more days
Dependence: Required by QNDLYPE
Native direction: Positive
Alternative text: Did not attend physical education (PE) classes

Q78. During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)
A. 0 teams
B. **1 team**
C. **2 teams**
D. **3 or more teams**

Variable label: Sports team participation

QN78: Numerator: Students who answered B, C, or D for Q78
Denominator: Students who answered A, B, C, or D for Q78
Summary text: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)
QN variable label: Played on at least one sports team
Native direction: Positive
Alternative text: Did not play on any sports teams

Q79. During the past 12 months, how many times did you have a concussion **from playing a sport or being physically active**?
A. 0 times
B. **1 time**
C. **2 times**
D. **3 times**
E. **4 or more times**

Variable label: Concussion

QN79: Numerator: Students who answered B, C, D, or E for Q79
Denominator: Students who answered A, B, C, D, or E for Q79
Summary text: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)
QN variable label: Had a concussion from playing a sport or being physically active
Native direction: Negative

Q80. How often do you use social media?
A. I do not use social media
B. A few times a month
C. About once a week
D. A few times a week
E. About once a day
F. **Several times a day**
G. **About once an hour**
H. **More than once an hour**

Variable label: Social media

QN80: Numerator: Students who answered F, G, or H for Q80
Denominator: Students who answered A, B, C, D, E, F, G, or H for Q80
Summary text: Percentage of students who use social media several times a day
QN variable label: Used social media several times a day
Native direction: Negative

Q81.	Have you ever been tested for HIV, the virus that causes AIDS? (Do **not** count tests done if you donated blood.)
	A. **Yes**
	B. No
	C. Not sure
	Variable label: HIV testing
QN81:	Numerator: Students who answered A for Q81
	Denominator: Students who answered A, B, or C for Q81
	Summary text: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)
	QN variable label: Were ever tested for human immunodeficiency virus (HIV)
	Native direction: Positive
	Alternative text: Were not tested or were not sure whether they had been tested for human immunodeficiency virus (HIV)
Q82.	During the past 12 months, have you been tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea?
	A. **Yes**
	B. No
	C. Not sure
	Variable label: STD testing
QN82:	Numerator: Students who answered A for Q82
	Denominator: Students who answered A, B, or C for Q82
	Summary text: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)
	QN variable label: Were ever tested for a sexually transmitted disease (STD)
	Native direction: Positive
	Alternative text: Were not tested or were not sure whether they had been tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea
Q83.	When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?
	A. **During the past 12 months**
	B. Between 12 and 24 months ago
	C. More than 24 months ago
	D. Never
	E. Not sure
	Variable label: Oral health care
QN83:	Numerator: Students who answered A for Q83
	Denominator: Students who answered A, B, C, D, or E for Q83
	Summary text: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)
	QN variable label: Saw a dentist
	Dependence: Required by QNNODNT
	Native direction: Positive
	Alternative text: Did not see a dentist

Q84.	During the past 30 days, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)	
	A.	Never
	B.	Rarely
	C.	Sometimes
	D.	**Most of the time**
	E.	**Always**
	Variable label:	Current mental health
QN84:	Numerator:	Students who answered D or E for Q84
	Denominator:	Students who answered A, B, C, D, or E for Q84
	Summary text:	Percentage of students who reported that their mental health was most of the time or always not good (poor mental health includes stress, anxiety, and depression, during the 30 days before the survey)
	QN variable label:	Reported that their mental health was most of the time or always not good
	Native direction:	Negative
Q85.	On an average school night, how many hours of sleep do you get?	
	A.	4 or less hours
	B.	5 hours
	C.	6 hours
	D.	7 hours
	E.	**8 hours**
	F.	**9 hours**
	G.	**10 or more hours**
	Variable label:	Sleep
QN85:	Numerator:	Students who answered E, F, of G for Q85
	Denominator:	Students who answered A, B, C, D, E, F or G for Q85
	Summary text:	Percentage of students who got 8 or more hours of sleep (on an average school night)
	QN variable label:	Got 8 or more hours of sleep
	Native direction:	Positive
	Alternative text:	Got less than 8 hours of sleep
Q86.	During the past 30 days, where did you usually sleep?	
	A.	In my parent's or guardian's home
	B.	**In the home of a friend, family member, or other person because I had to leave my home or my parent or guardian cannot afford housing**
	C.	**In a shelter or emergency housing**
	D.	**In a motel or hotel**
	E.	**In a car, park, campground, or other public place**
	F.	**I do not have a usual place to sleep**
	G.	Somewhere else
	Variable label:	Homelessness
	A.	Home of parent or guardian
	B.	**Home of other people**
	C.	**Shelter or emergency housing**
	D.	**Motel or hotel**
	E.	**Public place**
	F.	**No usual place**
	G.	Somewhere else
QN86:	Numerator:	Students who answered B, C, D, E, or F for Q86
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q86
	Summary text:	Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)
	QN variable label:	Usually did not sleep in their parent's or guardian's home
	Native direction:	Negative

Q87:	During the past 12 months, how would you describe your grades in school?
	A. **Mostly A's**
	B. **Mostly B's**
	C. Mostly C's
	D. Mostly D's
	E. Mostly F's
	F. None of these grades
	G. Not sure
	Variable label: Grades in school
QN87:	Numerator: Students who answered A or B for Q87
	Denominator: Students who answered A, B, C, D, E, F, or G for Q87
	Summary text: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)
	QN QN variable label: Described their grades in school as mostly A's or B's
	Native direction: Positive
	Alternative text: Did not describe their grades in school as mostly A's or B's

* Subsetted variable – subsetted on itself or another variable.

Appendix B: Standard Middle 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.
1.	How old are you? A.　　　10 years old or younger B.　　　11 years old C.　　　12 years old D.　　　13 years old E.　　　14 years old F.　　　15 years old G.　　　16 years old or older Variable label:　　How old are you
2.	What is your sex? A.　　　Female B.　　　Male Variable label:　　What is your sex
3.	In what grade are you? A.　　　6th grade B.　　　7th grade C.　　　8th grade D.　　　Ungraded or other grade Variable label:　　In what grade are you
4.	Are you Hispanic or Latino? A.　　　Yes B.　　　No Variable label:　　Are you Hispanic/Latino
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 Variable label:　　What is your race Short response: A.　　　Am Indian/Alaska Native B.　　　Asian C.　　　Black or African American D.　　　Native Hawaiian/Other PI E.　　　White

6. **When you ride a bicycle,** how often do you wear a helmet?
    A.   I do not ride a bicycle
    B.   **Never wear a helmet**
    C.   **Rarely wear a helmet**
    D.   Sometimes wear a helmet
    E.   Most of the time wear a helmet
    F.   Always wear a helmet

Variable label: Bicycle helmet use

Short response:
    A.   Did not ride a bicycle
    B.   **Never wear a helmet**
    C.   **Rarely wear a helmet**
    D.   Sometimes wear a helmet
    E.   Most of the time wear a helmet
    F.   Always wear a helmet

QN6*:
Numerator:	Students who answered B, or C for Q6
Denominator:	Students who answered B, C, D, E, or F for Q6
Summary Text:	Percentage of students who rarely or never wore a bicycle helmet (among students who rode a bicycle)
QN variable label:	Rarely or never wore a bicycle helmet
Native direction:	Negative

7. **When you rollerblade or ride a skateboard**, how often do you wear a helmet?
    A.   I do not rollerblade or ride a skateboard
    B.   **Never wear a helmet**
    C.   **Rarely wear a helmet**
    D.   Sometimes wear a helmet
    E.   Most of the time wear a helmet
    F.   Always wear a helmet

Variable label: Rollerblading helmet use

Short response:
    A.   Do not rollerblade/skateboard
    B.   **Never wear a helmet**
    C.   **Rarely wear a helmet**
    D.   Sometimes wear a helmet
    E.   Most of the time wear a helmet
    F.   Always wear a helmet

QN7*:
Numerator:	Students who answered B or C for Q7
Denominator:	Students who answered B, C, D, E, or F for Q7
Summary Text:	Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)
QN variable label:	Rarely or never wore a helmet when rollerblading or skateboarding
Native direction:	Negative

8. How often do you wear a seat belt when **riding** in a car?
    A.   **Never**
    B.   **Rarely**
    C.   **Sometimes**
    D.   **Most of the time**
    E.   Always

Variable label: Seat belt use

QN8:
Numerator:	Students who answered A, B, C, or D for Q8
Denominator:	Students who answered A, B, C, D, or E for Q8
Summary Text:	Percentage of students who did not always wear a seat belt (when riding in a car)
QN variable label:	Did not always wear a seat belt
Native direction:	Negative

9.	Have you ever ridden in a car driven by someone who had been drinking alcohol?	
	A.	**Yes**
	B.	No
	C.	Not sure
	Variable label:	Riding with a drinking driver
QN9:	Numerator:	Students who answered A for Q9
	Denominator:	Students who answered A, B, or C for Q9
	Summary Text:	Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)
	QN variable label:	Ever rode with a driver who had been drinking alcohol
	Native direction:	Negative
10.	Have you ever been in a physical fight?	
	A.	**Yes**
	B.	No
	Variable label:	Physical fighting
QN10:	Numerator:	Students who answered A for Q10
	Denominator:	Students who answered A or B for Q10
	Summary Text:	Percentage of students who were ever in a physical fight
	QN variable label:	Were ever in a physical fight
	Native direction:	Negative
11.	Have you ever seen someone get physically attacked, beaten, stabbed, or shot in your neighborhood?	
	A.	**Yes**
	B.	No
	Variable label:	Seen someone get physically attacked
QN11:	Numerator:	Students who answered A for Q11
	Denominator:	Students who answered A or B for Q11
	Summary text:	Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood
	QN variable label:	Ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood
	Native direction:	Negative
12.	During your life, how often have you felt that you were treated badly or unfairly in school because of your race or ethnicity?	
	A.	Never
	B.	**Rarely**
	C.	**Sometimes**
	D.	**Most of the time**
	E.	**Always**
	Variable label:	Treated badly because of race or ethnicity
QN12:	Numerator:	Students who answered B, C, D, or E for Q12
	Denominator:	Students who answered A, B, C, D, or E for Q12
	Summary text:	Percentage of students who felt that they were ever treated badly or unfairly in school because of their race or ethnicity (during their life)
	QN QN variable label:	Felt that they were ever treated badly or unfairly in school because of their race or ethnicity
	Native direction:	Negative

13.	Have you ever been bullied **on school property**?
	A. **Yes**
	B. No
	Variable label: Bullying at school
QN13:	Numerator: Students who answered A for Q13
	Denominator: Students who answered A or B for Q13
	Summary Text: Percentage of students who were ever bullied on school property
	QN variable label: Were ever bullied on school property
	Native direction: Negative

14.	Have you ever been **electronically** bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)
	A. **Yes**
	B. No
	Variable label: Electronic bullying
QN14:	Numerator: Students who answered A for Q14
	Denominator: Students who answered A or B for Q14
	Summary Text: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)
	QN variable label: Were ever electronically bullied
	Native direction: Negative

15.	Have you ever **seriously** thought about killing yourself?
	A. **Yes**
	B. No
	Variable label: Suicide consideration
QN15:	Numerator: Students who answered A for Q15
	Denominator: Students who answered A or B for Q15
	Summary Text: Percentage of students who ever seriously thought about killing themselves
	QN variable label: Ever seriously thought about killing themselves
	Native direction: Negative

16.	Have you ever made a **plan** about how you would kill yourself?
	A. **Yes**
	B. No
	Variable label: Suicide plan
QN16:	Numerator: Students who answered A for Q16
	Denominator: Students who answered A or B for Q16
	Summary Text: Percentage of students who ever made a plan about how they would kill themselves
	QN variable label: Ever made a plan about how they would kill themselves
	Native direction: Negative

17.	Have you ever **tried** to kill yourself?
	A. **Yes**
	B. No
	Variable label: Attempted suicide
QN17:	Numerator: Students who answered A for Q17
	Denominator: Students who answered A or B for Q17
	Summary Text: Percentage of students who ever tried to kill themselves
	QN variable label: Ever tried to kill themselves
	Native direction: Negative

18.	Have you ever smoked a cigarette, even one or two puffs?
	A. **Yes**
	B. No
	Variable label: Ever cigarette use
QN18:	Numerator: Students who answered A for Q18
	Denominator: Students who answered A or B for Q18
	Summary Text: Percentage of students who ever smoked a cigarette (even one or two puffs)
	QN variable label: Ever smoked a cigarette
	Native direction: Negative

19.	How old were you when you first smoked a cigarette, even one or two puffs?
	A. I have never tried cigarette smoking, not even one or two puffs
	B. **8 years old or younger**
	C. **9 years old**
	D. **10 years old**
	E. 11 years old
	F. 12 years old
	G. 13 years old or older
	Variable label: Initiation of cigarette smoking
	Short response:
	A. Never tried cigarette smoking
	B. **8 years old or younger**
	C. **9 years old**
	D. **10 years old**
	E. 11 years old
	F. 12 years old
	G. 13 years old or older
QN19:	Numerator: Students who answered B, C, or D for Q19
	Denominator: Students who answered A, B, C, D, E, F, or G for Q19
	Summary Text: Percentage of students who smoked a cigarette before age 11 years (even one or two puffs)
	QN variable label: Smoked a cigarette before age 11 years
	Native direction: Negative

20.	During the past 30 days, on how many days did you smoke cigarettes?
	A. 0 days
	B. **1 or 2 days**
	C. **3 to 5 days**
	D. **6 to 9 days**
	E. **10 to 19 days**
	F. **20 to 29 days**
	G. **All 30 days**
	Variable label: Current cigarette use
QN20:	Numerator: Students who answered B, C, D, E, F, or G for Q20
	Denominator: Students who answered A, B, C, D, E, F, or G for Q20
	Summary Text: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)
	QN variable label: Currently smoked cigarettes
	Dependence: Required by QNFRCIG, QNDAYCIG, QNTB2, QNTB3, QNTB4, and QNTB5
	Native direction: Negative

21. During the past 30 days, on the days you smoked, how many cigarettes did you smoke **per day**?
    A. I did not smoke cigarettes during the past 30 days
    B. Less than 1 cigarette per day
    C. 1 cigarette per day
    D. 2 to 5 cigarettes per day
    E. 6 to 10 cigarettes per day
    F. 11 to 20 cigarettes per day
    G. More than 20 cigarettes per day

    Variable label: Smoked >10 cigarettes

    Short response:
    A. Did not smoke cigarettes
    B. Less than 1 cigarette
    C. 1 cigarette
    D. 2 to 5 cigarettes
    E. 6 to 10 cigarettes
    F. 11 to 20 cigarettes
    G. More than 20 cigarettes

QN21*: Numerator: Students who answered F or G for Q21
    Denominator: Students who answered B, C, D, E, F, or G for Q20 and answered B, C, D, E, F, or G for Q21
    Summary Text: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)
    QN variable label: Smoked more than 10 cigarettes per day
    Dependence: Depends on Q20
    Native direction: Negative

22. Have you ever used an electronic vapor product?
    A. Yes
    B. No

    Variable label: Electronic vapor product use

QN22: Numerator: Students who answered A for Q22
    Denominator: Students who answered A or B for Q22
    Summary Text: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, mods, e-cigs, e-hookahs, or vape pens [such as JUUL, Vuse, NJOY, Puff Bar, blu, or Bidi Stick])
    QN variable label: Ever used an electronic vapor product
    Native direction: Negative

23. During the past 30 days, on how many days did you use an electronic vapor product?
    A. 0 days
    B. 1 or 2 days
    C. 3 to 5 days
    D. 6 to 9 days
    E. 10 to 19 days
    F. 20 to 29 days
    G. All 30 days

    Variable label: Current electronic vapor use

QN23: Numerator: Students who answered B, C, D, E, F, or G for Q23
    Denominator: Students who answered A, B, C, D, E, F, or G for Q23
    Summary text: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)
    QN variable label: Currently used an electronic vapor product
    Dependence: Required by QNFREVP, QNDAYEVP, QNTB4, and QNTB5
    Native direction: Negative

24.	During the past 30 days, on how many days did you use **chewing tobacco, snuff, dip**, **snus, or dissolvable tobacco products**, such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges? (Do **not** count any electronic vapor products.)

	A.	0 days
	B.	**1 or 2 days**
	C.	**3 to 5 days**
	D.	**6 to 9 days**
	E.	**10 to 19 days**
	F.	**20 to 29 days**
	G.	**All 30 days**

Variable label: Current smokeless tobacco use

QN24:	Numerator:	Students who answered B, C, D, E, F, or G for Q24
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q24
	Summary text:	Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)
	QN variable label:	Currently used smokeless tobacco
	Dependence:	Required by QNFRSKL, QNDAYSKL, QNTB3, and QNTB4
	Native direction:	Negative

25.	During the past 30 days, on how many days did you smoke **cigars, cigarillos, or little cigars**, such as Swisher Sweets, Middleton's (including Black & Mild), or Backwoods?

	A.	0 days
	B.	**1 or 2 days**
	C.	**3 to 5 days**
	D.	**6 to 9 days**
	E.	**10 to 19 days**
	F.	**20 to 29 days**
	G.	**All 30 days**

Variable label: Current cigar use

QN25:	Numerator:	Students who answered B, C, D, E, F, or G for Q25
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q25
	Summary Text:	Percentage of students who currently smoked cigars, cigarillos, or little cigars, such as Swisher Sweets, Middleton's (including Black & Mild), or Backwoods, on at least 1 day during the 30 days before the survey
	QN variable label:	Currently smoked cigars
	Dependence:	Required by: QNFRCGR, QNDAYCGR, QNTB2, QNTB3, and QNTB4
	Native direction:	Negative

26.	Have you ever had a drink of alcohol, other than a few sips?

	A.	**Yes**
	B.	No

Variable label: Ever alcohol use

QN26:	Numerator:	Students who answered A for Q26
	Denominator:	Students who answered A or B for Q26
	Summary Text:	Percentage of students who ever drank alcohol (other than a few sips)
	QN variable label:	Ever drank alcohol
	Native direction:	Negative

27.	How old were you when you had your first drink of alcohol other than a few sips?

27.   How old were you when you had your first drink of alcohol other than a few sips?
      A.   I have never had a drink of alcohol other than a few sips
      B.   8 years old or younger
      C.   9 years old
      D.   10 years old
      E.   11 years old
      F.   12 years old
      G.   13 years old or older

      Variable label: Initiation of alcohol use

      Short response:
      A.   Never drank alcohol
      B.   8 years old or younger
      C.   9 years old
      D.   10 years old
      E.   11 years old
      F.   12 years old
      G.   13 years old or older

QN27:   Numerator: Students who answered B, C, or D for Q27
        Denominator: Students who answered A, B, C, D, E, F, or G for Q27
        Summary Text: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)
        QN variable label: Drank alcohol for the first time before age 11 years
        Native direction: Negative

28.   Have you ever used marijuana?
      A.   Yes
      B.   No

      Variable label: Ever marijuana use

QN28:   Numerator: Students who answered A for Q28
        Denominator: Students who answered A or B for Q28
        Summary Text: Percentage of students who ever used marijuana
        QN variable label: Ever used marijuana
        Native direction: Negative

29.   How old were you when you tried marijuana for the first time?
      A.   I have never tried marijuana
      B.   8 years old or younger
      C.   9 years old
      D.   10 years old
      E.   11 years old
      F.   12 years old
      G.   13 years old or older

      Variable label: Initiation of marijuana use

      Short response:
      A.   Never tried marijuana
      B.   8 years old or younger
      C.   9 years old
      D.   10 years old
      E.   11 years old
      F.   12 years old
      G.   13 years old or older

QN29:   Numerator: Students who answered B, C, or D for Q29
        Denominator: Students who answered A, B, C, D, E, F, or G for Q29
        Summary Text: Percentage of students who tried marijuana for the first time before age 11 years
        QN variable label: Tried marijuana for the first time before age 11 years
        Native direction: Negative

30.	Have you ever taken **prescription pain medicine** without a doctor's prescription or differently than how a doctor told you to use it?
	A. **Yes**
	B. No
	Variable label: Ever prescription pain medicine use
QN30:	Numerator: Students who answered A for Q30
	Denominator: Students who answered A or B for Q30
	Summary Text: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)
	QN variable label: Ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it
	Native direction: Negative
31.	Have you ever used **any** form of cocaine, including powder, crack, or freebase?
	A. **Yes**
	B. No
	Variable label: Ever cocaine use
QN31:	Numerator: Students who answered A for Q31
	Denominator: Students who answered A or B for Q31
	Summary Text: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)
	QN variable label: Ever used cocaine
32.	Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high?
	A. **Yes**
	B. No
	Variable label: Ever inhalant use
QN32:	Numerator: Students who answered A for Q32
	Denominator: Students who answered A or B for Q32
	Summary Text: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)
	QN variable label: Ever used inhalants
	Native direction: Negative
33.	Have you ever had sexual intercourse?
	A. **Yes**
	B. No
	Variable label: Ever sexual intercourse
QN33:	Numerator: Students who answered A for Q33
	Denominator: Students who answered A or B for Q33
	Summary Text: Percentage of students who ever had sexual intercourse
	QN variable label: Ever had sexual intercourse
	Dependence: Required by QN36
	Native direction: Negative

34. How old were you when you had sexual intercourse for the first time?
    A.   I have never had sexual intercourse
    B.   **8 years old or younger**
    C.   **9 years old**
    D.   **10 years old**
    E.   11 years old
    F.   12 years old
    G.   13 years old or older

    Variable label: Sex before 11 years

    Short response:
    A.   Never had sex
    B.   **8 years old or younger**
    C.   **9 years old**
    D.   **10 years old**
    E.   11 years old
    F.   12 years old
    G.   13 years old or older

QN34:   Numerator: Students who answered B, C, or D for Q34
        Denominator: Students who answered A, B, C, D, E, F, or G for Q34
        Summary Text: Percentage of students who had sexual intercourse for the first time before age 11 years
        QN variable label: Had sexual intercourse for the first time before age 11 years
        Native direction: Negative

35. With how many people have you ever had sexual intercourse?
    A.   I have never had sexual intercourse
    B.   1 person
    C.   2 people
    D.   **3 people**
    E.   **4 people**
    F.   **5 people**
    G.   **6 or more people**

    Variable label: Number of sex partners

    Short response:
    A.   Never had sex
    B.   1 person
    C.   2 people
    D.   **3 people**
    E.   **4 people**
    F.   **5 people**
    G.   **6 or more people**

QN35:   Numerator: Students who answered D, E, 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 ever had sexual intercourse with three or more persons
        QN variable label: Ever had sexual intercourse with three or more persons
        Native direction: Negative

36.	The **last time** you had sexual intercourse, did you or your partner use a condom?
	A. I have never had sexual intercourse
	B. **Yes**
	C. No

Variable label: Condom use

Short response:
A.   Never had sex
B.   **Yes**
C.   No

QN36*:	Numerator:	Students who answered B for Q36
	Denominator:	Students who answered A for Q33 and answered B or C for Q36
	Summary Text:	Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)
	QN variable label:	Used a condom during last sexual intercourse
	Dependence:	Depends on Q33
	Native direction:	Positive
	Alternative text:	Did not use a condom during last sexual intercourse

37.	How do **you** describe your weight?
	A. Very underweight
	B. Slightly underweight
	C. About the right weight
	D. **Slightly overweight**
	E. **Very overweight**

Variable label: Perception of weight

QN37:	Numerator:	Students who answered D or E for Q37
	Denominator:	Students who answered A, B, C, D, or E for Q37
	Summary Text:	Percentage of students who described themselves as slightly or very overweight
	QN variable label:	Described themselves as slightly or very overweight
	Native direction:	Negative

38.	Which of the following are you trying to do about your weight?
	A. **Lose weight**
	B. Gain weight
	C. Stay the same weight
	D. I am not trying to do anything about my weight

Variable label: Weight loss

Short response:
A.   **Lose weight**
B.   Gain weight
C.   Stay the same weight
D.   Not trying to do anything

QN38:	Numerator:	Students who answered A for Q38
	Denominator:	Students who answered A, B, C, or D for Q38
	Summary Text:	Percentage of students who were trying to lose weight
	QN variable label:	Were trying to lose weight
	Native direction:	Positive
	Alternative text:	Were not trying to lose weight

39.	During the past 7 days, on how many days did you eat **breakfast**?
	A. **0 days**
	B. 1 day
	C. 2 days
	D. 3 days
	E. 4 days
	F. 5 days
	G. 6 days
	H. 7 days

Variable label: Breakfast eating

QN39:	Numerator:	Students who answered A for Q39
	Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q39
	Summary Text:	Percentage of students who did not eat breakfast (during the 7 days before the survey)
	QN QN variable label:	Did not eat breakfast
	Dependence:	Required by QNBK7DAY
	Native direction:	Negative

40.	During the past 7 days, on how many days were you physically active for a total of **at least 60 minutes per day**? (Add up all the time you spent in any kind of physical activity that increased your heart rate and made you breathe hard some of the time.)
	A. 0 days
	B. 1 day
	C. 2 days
	D. 3 days
	E. 4 days
	F. **5 days**
	G. **6 days**
	H. **7 days**

Variable label: Physical activity >= 5 days

QN40:	Numerator:	Students who answered F, G, or H for Q40
	Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q40
	Summary Text:	Percentage of students who were physically active at least 60 minutes per day on 5 or more 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)
	QN variable label:	Were physically active at least 60 minutes per day on 5 or more days
	Dependence:	Required by QNPA0DAY and QNPA7DAY
	Native direction:	Positive
	Alternative text:	Were not physically active at least 60 minutes per day on 5 or more days

41.	In an average week when you are in school, on how many days do you go to physical education (PE) classes?
	A. 0 days
	B. **1 day**
	C. **2 days**
	D. **3 days**
	E. **4 days**
	F. **5 days**

Variable label: PE attendance

QN41:	Numerator:	Students who answered B, C, D, E, or F for Q41
	Denominator:	Students who answered A, B, C, D, E, or F for Q41
	Summary Text:	Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)
	QN variable label:	Attended physical education (PE) classes on 1 or more days
	Dependence:	Required by QNDLYPE
	Native direction:	Positive
	Alternative text:	Did not attend physical education (PE) classes

42.	During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)
	A. 0 teams
	B. 1 team
	C. 2 teams
	D. 3 or more teams
	Variable label: Sports team participation
QN42:	Numerator: Students who answered B, C, or D for Q42
	Denominator: Students who answered A, B, C, or D for Q42
	Summary Text: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)
	QN variable label: Played on at least one sports team
	Native direction: Positive
	Alternative text: Did not play on any sports teams
43.	During the past 12 months, how many times did you have a concussion **from playing a sport or being physically active**?
	A. 0 times
	B. 1 time
	C. 2 times
	D. 3 times
	E. 4 or more times
	Variable label: Concussion
QN43:	Numerator: Students who answered B, C, D, or E for Q43
	Denominator: Students who answered A, B, C, D, or E for Q43
	Summary text: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)
	QN variable label: Had a concussion from playing a sport or being physically active
	Native direction: Negative
Q44.	How often do you use social media?
	A. I do not use social media
	B. A few times a month
	C. About once a week
	D. A few times a week
	E. About once a day
	F. Several times a day
	G. About once an hour
	H. More than once an hour
	Variable label: Social media
QN44:	Numerator: Students who answered F, G, or H for Q44
	Denominator: Students who answered A, B, C, D, E, F, G, or H for Q44
	Summary text: Percentage of students who use social media several times a day
	QN variable label: Used social media several times a day
	Native direction: Negative

45.	During the past 30 days, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)
	A. Never
	B. Rarely
	C. Sometimes
	D. Most of the time
	E. Always
	Variable label: Current mental health
QN45:	Numerator: Students who answered D or E for Q45
	Denominator: Students who answered A, B, C, D, or E for Q45
	Summary text: Percentage of students who reported that their mental health was most of the time or always not good (poor mental health includes stress, anxiety, and depression, during the 30 days before the survey)
	QN variable label: Reported that their mental health was most of the time or always not good
	Native direction: Negative
46.	On an average school night, how many hours of sleep do you get?
	A. 4 or less hours
	B. 5 hours
	C. 6 hours
	D. 7 hours
	E. 8 hours
	F. 9 hours
	G. 10 or more hours
	Variable label: Sleep
QN46:	Numerator: Students who answered E, F, of G for Q46
	Denominator: Students who answered A, B, C, D, E, F or G for Q46
	Summary text: Percentage of students who got 8 or more hours of sleep (on an average school night)
	QN variable label: Got 8 or more hours of sleep
	Native direction: Positive
	Alternative text: Got less than 8 hours of sleep
47.	During the past 30 days, where did you usually sleep?
	A. In my parent's or guardian's home
	B. In the home of a friend, family member, or other person because I had to leave my home or my parent or guardian cannot afford housing
	C. In a shelter or emergency housing
	D. In a motel or hotel
	E. In a car, park, campground, or other public place
	F. I do not have a usual place to sleep
	G. Somewhere else
	Variable label: Homelessness
	A. Home of parent or guardian
	B. Home of other people
	C. Shelter or emergency housing
	D. Motel or hotel
	E. Public place
	F. No usual place
	G. Somewhere else
QN47:	Numerator: Students who answered B, C, D, E, or F for Q47
	Denominator: Students who answered A, B, C, D, E, F, or G for Q47
	Summary text: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)
	QN variable label: Usually did not sleep in their parent's or guardian's home
	Native direction: Negative

Q48:	During the past 12 months, how would you describe your grades in school?	
	A.	**Mostly A's**
	B.	**Mostly B's**
	C.	Mostly C's
	D.	Mostly D's
	E.	Mostly F's
	F.	None of these grades
	G.	Not sure
	Variable label:	Grades in school
QN48:	Numerator:	Students who answered A or B for Q48
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q48
	Summary text:	Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)
	QN variable label:	Described their grades in school as mostly A's or B's
	Native direction:	Positive
	Alternative text:	Did not describe their grades in school as mostly A's or B's

* Subsetted variable – subsetted on itself or another variable.

Appendix C: Standard High School YRBS Supplemental (QNword) Variables

QNFRCIG:		
	Numerator:	Students who answered F or G for Q33
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q33
	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 Q33
	SAS code:	if q33 in ('6','7') then QNFRCIG=1;
		else if q33 in ('1','2','3','4','5') then QNFRCIG=2;
	Native direction:	Negative
QNDAYCIG:		
	Numerator:	Students who answered G for Q33
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q33
	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 Q33
	SAS code:	if q33='7' then QNDAYCIG =1;
		else if q33 in ('1','2','3','4','5','6') then QNDAYCIG=2;
	Native direction:	Negative
QNFREVP:		
	Numerator:	Students who answered F or G for Q36
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q36
	Summary text:	Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)
	Variable label:	Currently smoked electronic vapor products frequently
	Dependence:	Depends on Q36
	SAS code:	if q36 in ('6','7') then QNFREVP=1;
		else if q36 in ('1','2','3','4','5') then QNFREVP=2;
	Native direction:	Negative
QNDAYEVP:		
	Numerator:	Students who answered G for Q36
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q36
	Summary text:	Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)
	Variable label:	Currently used electronic vapor products daily
	Dependence:	Depends on Q36
	SAS code:	if q36='7' then QNDAYEVP =1;
		else if q36 in ('1','2','3','4','5','6') then QNDAYEVP=2;
	Native direction:	Negative
QNFRSKL:		
	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 used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)
	Variable label:	Currently used smokeless tobacco frequently
	Dependence:	Depends on Q38
	SAS code:	if q38 in ('6','7') then QNFRSKL=1;
		else if q38 in ('1','2','3','4','5') then QNFRSKL=2;
	Native direction:	Negative

QNDAYSKL:

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 used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)
Variable label:	Currently used smokeless tobacco daily
Dependence:	Depends on Q38
SAS code:	if q38 in ('7') then QNDAYSKL=1;
	else if q38 in ('1','2','3','4','5','6') then QNDAYSKL=2;
Native direction:	Negative

QNFRCGR:

Numerator:	Students who answered F or G for Q39
Denominator:	Students who answered A, B, C, D, E, F, or G for Q39
Summary text:	Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)
Variable label:	Currently smoked cigars frequently
Dependence:	Depends on Q39
SAS code:	if q39 in ('6','7') then QNFRSKL=1;
	else if q39 in ('1','2','3','4','5') then QNFRSKL=2;
Native direction:	Negative

QNDAYCGR:

Numerator:	Students who answered G for Q39
Denominator:	Students who answered A, B, C, D, E, F, or G for Q39
Summary text:	Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)
Variable label:	Currently smoked cigars daily
Dependence:	Depends on Q39
SAS code:	if q39 in ('7') then QNDAYCGR=1;
	else if q39 in ('1','2','3','4','5', '6') then QNDAYCGR=2;
Native direction:	Negative

QNTB2:

Numerator:	Students who answered B, C, D, E, F, or G for Q33 or Q39
Denominator:	Students who answered A, B, C, D, E, F, or G for Q33 or Q39
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 Q33 and Q39
SAS code:	if q33 in ('2', '3', '4', '5', '6', '7') or q39 in ('2', '3', '4', '5', '6', '7') then QNTB2=1;
	else if q33='1' and q39='1' then QNTB2=2;
	if q33 in (' ') or q39 in (' ') then QNTB2=.;
Native direction:	Negative

QNTB3:

Numerator:	Students who answered B, C, D, E, F, or G for Q33, Q38, or Q39
Denominator:	Students who answered A, B, C, D, E, F, or G for Q33, Q38, or Q39
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 for Q33, Q38, or Q39
SAS code:	if q33 in ('2', '3', '4', '5', '6', '7') or q38 in ('2', '3', '4', '5', '6', '7') or q39 in ('2', '3', '4', '5', '6', '7') then QNTB3=1;
	else if q33='1' and q38='1' and q39='1' then QNTB3=2;
	if q33 in (' ') or q38 in (' ') or q39 in (' ') then QNTB3=.;
Native direction:	Negative

QNTB4:

Numerator:	Students who answered B, C, D, E, F, or G for Q33, Q36, Q38, or Q39
Denominator:	Students who answered A, B, C, D, E, F, or G for Q33, Q36, Q38, or Q39
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 Q33, Q36, Q38, or Q39
SAS code:	if q33 in ('2', '3', '4', '5', '6', '7') or q36 in ('2', '3', '4', '5', '6', '7') or q38 in ('2', '3', '4', '5', '6', '7') or q39 in ('2', '3', '4', '5', '6', '7') then QNTB4=1; else if q33='1' and q36='1' and q38='1' and q39='1' then QNTB4=2; if q33 in (' ') or q36 in (' ') or q38 in (' ') or q39 in (' ') then QNTB4=.;
Native direction:	Negative

QNTB5:

Numerator:	Students who answered B, C, D, E, F, or G for Q33 or Q36
Denominator:	Students who answered A, B, C, D, E, F, or G for Q33 or Q36
Summary text:	Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)
Variable label:	Currently smoked cigarettes or used electronic vapor products
Dependence:	Depends on Q33 and Q36
SAS code:	if q33 in ('2', '3', '4', '5', '6', '7') or q36 in ('2', '3', '4', '5', '6', '7') then QNTB5=1; else if q33='1' and q36='1' then QNTB5=2; if q33 in (' ') or q36 in (' ') then QNTB5=.;
Native direction:	Negative

QNIUDIMP:

Numerator:	Students who answered E for Q62
Denominator:	Students who answered C, D, E, F, G, or H for Q59 and answered B, C, D, E, F, G, or H for Q62
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 with an opposite-sex partner (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 with an opposite-sex partner
Dependence:	Depends on Q59 and Q62
SAS code:	if q59 in ('3','4','5','6','7','8') then do; if q62='5' then QNIUDIMP = 1; else if q62 in ('2','3','4','6','7','8') then QNIUDIMP = 2; end;
Native direction:	Positive
Alternative text:	Did not use an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse with an opposite-sex partner

QNOTHHPL:

Numerator:	Students who answered C, E, or F for Q62
Denominator:	Students who answered C, D, E, F, G, or H for Q59 and answered B, C, D, E, F, G, or H for Q62
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 with an opposite-sex partner (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 with an opposite-sex partner
Dependence:	Depends on Q59 and Q62

SAS code:	if q59 in ('3','4','5','6','7','8') then do;
	if q62 in ('3','5','6') then QNOTHHPL=1;
	else if q62 in ('2','4','7','8') then QNOTHHPL=2;
	end;

Native direction:	Positive
Alternative text:	Did not use 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 with an opposite-sex partner

QNDUALBC:

Numerator:	Students who answered B for Q61 and C, E, or F for Q62
Denominator:	Students who answered C, D, E, F, G, or H for Q59 and answered B or C for 61 and answered B, C, D, E, F, G, or H for Q62
Summary text:	Percentage of students who used both a condom during last sexual intercourse with an opposite-sex partner 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 with an opposite-sex partner (to prevent pregnancy, among students who were currently sexually active)
Variable label:	Used both a condom during last sexual intercourse with an opposite-sex partner 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 with an opposite-sex partner
Dependence:	Depends on Q59, Q61, and Q62

SAS code:	if q59 in ('3','4','5','6','7','8') then do;
	if q61='2' and q62 in ('3','5','6') then QNDUALBC=1;
	else if q61 in ('3') or q62 in ('2','4','7','8') then QNDUALBC=2;
	if q61 in(' ') or Q62 in (' ') then QNDUALBC=.;
	end;

Native direction:	Positive
Alternative text:	Did not use both a condom during last sexual intercourse with an opposite-sex partner 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 with an opposite-sex partner

QNBCNONE:

	Numerator:	Students who answered B for Q62
	Denominator:	Students who answered C, D, E, F, G, or H for Q59 and answered B, C, D, E, F, G, or H for Q62
	Summary text:	Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse with an opposite-sex partner (among students who were currently sexually active)
	Variable label:	Did not use any method to prevent pregnancy during last sexual intercourse with an opposite-sex partner
	Dependence:	Depends on Q59 and Q62
	SAS code:	if q59 in ('3','4','5','6','7','8') then do;
		if q62='2' then QNBCNONE=1;
		else if q62 in ('3','4','5','6','7','8') then QNBCNONE=2;
		end;
	Native direction:	Negative

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
	Native direction:	Negative

QNOWT:

	Summary text:	Percentage of students who were overweight (students who were >= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)
	Variable label:	Were overweight
	Dependence:	Depends on Q1, Q2, Q6, and Q7
	Native direction:	Negative

QNFR0:

	Numerator:	Calculated
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q68 and Q69
	Summary text:	Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)
	Variable label:	Did not eat fruit or drink 100% fruit juices
	Dependence:	Depends on Q68 and Q69
	SAS code:	TOTALf=0;

```
array fruitq0a (*) q68 q69;
array summ0a (*) q68n q69n;
do i = 1 to dim(fruitq0a);
   if fruitq0a{i} = '1' then summ0a{i} = 0;
     else if fruitq0a{i} = '2' then summ0a{i} = 2/7;
     else if fruitq0a{i} = '3' then summ0a{i} = 5/7;
     else if fruitq0a{i} = '4' then summ0a{i} = 1;
     else if fruitq0a{i} = '5' then summ0a{i} = 2;
     else if fruitq0a{i} = '6' then summ0a{i} = 3;
     else if fruitq0a{i} = '7' then summ0a{i} = 4;
     else summ0a{i}=.;
     TOTALf=TOTALf+summ0a{i};
end;
 if TOTALf = 0 then QNFR0=1;
   else if TOTALf > 0 then QNFR0=2;
```

QNFR1:

Numerator:	Calculated
Denominator:	Students who answered A, B, C, D, E, F, or G for Q68 and Q69
Summary text:	Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)
Variable label:	Ate fruit or drank 100% fruit juices one or more times per day
Dependence:	Depends on Q68 and Q69
SAS code:	

```
TOTALf=0;
  array fruitq1a (*) q68 q69;
  array summ1a (*) q68n q69n;
    do i = 1 to dim(fruitq1a);
    if fruitq1a{i} = '1' then summ1a{i} = 0;
      else if fruitq1a{i} = '2' then summ1a{i} = 2/7;
      else if fruitq1a{i} = '3' then summ1a{i} = 5/7;
      else if fruitq1a{i} = '4' then summ1a{i} = 1;
      else if fruitq1a{i} = '5' then summ1a{i} = 2;
      else if fruitq1a{i} = '6' then summ1a{i} = 3;
      else if fruitq1a{i} = '7' then summ1a{i} = 4;
      else summ1a{i}=.;
    TOTALf=TOTALf+summ1a{i};
  end;
    if TOTALf GE 1 then QNFR1=1;
      else if 0 LE TOTALf LT 1 then QNFR1=2;
```

QNFR2:

Numerator:	Calculated
Denominator:	Students who answered A, B, C, D, E, F, or G for Q68 and Q69
Summary text:	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)
Variable label:	Ate fruit or drank 100% fruit juices two or more times per day
Dependence:	Depends on Q68 and Q69
SAS code:	

```
TOTALf=0;
  array fruitq2a (*) q68 q69;
  array summ2a (*) q68n q69n;
    do i = 1 to dim(fruitq2a);
    if fruitq2a{i} = '1' then summ2a{i} = 0;
      else if fruitq2a{i} = '2' then summ2a{i} = 2/7;
      else if fruitq2a{i} = '3' then summ2a{i} = 5/7;
      else if fruitq2a{i} = '4' then summ2a{i} = 1;
      else if fruitq2a{i} = '5' then summ2a{i} = 2;
      else if fruitq2a{i} = '6' then summ2a{i} = 3;
      else if fruitq2a{i} = '7' then summ2a{i} = 4;
      else summ2a{i}=.;
    TOTALf=TOTALf+summ2a{i};
  end;
    if TOTALf GE 2 then QNFR2=1;
      else if 0 LE TOTALf LT 2 then QNFR2=2;
```

QNVEG0:

Numerator:	Calculated
Denominator:	Students who answered A, B, C, D, E, F, or G for Q70, Q71, Q72, and Q73
Summary text:	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)
Variable label:	Did not eat vegetables
Dependence:	Depends on Q70, Q71, Q72, and Q73
SAS code:	

```
TOTALv=0;
  array vegq0a (*) q70 q71 q72 q73;
  array summ0a (*) q70n q71n q72n q73n;
    do i = 1 to dim(vegq0a);
    if vegq0a{i} = '1' then summ0a{i} = 0;
      else if vegq0a{i} = '2' then summ0a{i} = 2/7;
      else if vegq0a{i} = '3' then summ0a{i} = 5/7;
      else if vegq0a{i} = '4' then summ0a{i} = 1;
      else if vegq0a{i} = '5' then summ0a{i} = 2;
      else if vegq0a{i} = '6' then summ0a{i} = 3;
      else if vegq0a{i} = '7' then summ0a{i} = 4;
      else summ0a{i}=.;
    TOTALv=TOTALv+summ0a{i};
  end;
  if TOTALv = 0 then QNVEG0=1;
    else if TOTALv > 0 then QNVEG0=2;
```

QNVEG1:

Numerator:	Calculated
Denominator:	Students who answered A, B, C, D, E, F, or G for Q70, Q71, Q72, and Q73
Summary text:	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)
Variable label:	Ate vegetables one or more times per day
Dependence:	Depends on Q70, Q71, Q72, and Q73
SAS code:	

```
TOTALv=0;
  array vegq1a (*) q70 q71 q72 q73;
  array summv1a (*) q70n q71n q72n q73n;
    do i = 1 to dim(vegq1a);
    if vegq1a{i} = '1' then summv1a{i} = 0;
      else if vegq1a{i} = '2' then summv1a{i} = 2/7;
      else if vegq1a{i} = '3' then summv1a{i} = 5/7;
      else if vegq1a{i} = '4' then summv1a{i} = 1;
      else if vegq1a{i} = '5' then summv1a{i} = 2;
      else if vegq1a{i} = '6' then summv1a{i} = 3;
      else if vegq1a{i} = '7' then summv1a{i} = 4;
      else summv1a{i} = .;
    TOTALv=TOTALv+summv1a{i};
  end;
  if TOTALv ge 1 then QNVEG1=1;
    else if 0 le TOTALv lt 1 then QNVEG1=2;
```

QNVEG2:

	Numerator:	Calculated
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q70, Q71, Q72, and Q73
	Summary text:	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)
	Variable label:	Ate vegetables two or more times per day
	Dependence:	Depends on Q70, Q71, Q72, and Q73
	SAS code:	

```
TOTALv=0;
  array vegq2a (*) q70 q71 q72 q73;
  array summv2a (*) q70n q71n q72n q73n;
    do i = 1 to dim(vegq2a);
    if vegq2a{i} = '1' then summv2a{i} = 0;
      else if vegq2a{i} = '2' then summv2a{i} = 2/7;
      else if vegq2a{i} = '3' then summv2a{i} = 5/7;
      else if vegq2a{i} = '4' then summv2a{i} = 1;
      else if vegq2a{i} = '5' then summv2a{i} = 2;
      else if vegq2a{i} = '6' then summv2a{i} = 3;
      else if vegq2a{i} = '7' then summv2a{i} = 4;
      else summv2a{i} = .;
    TOTALv=TOTALv+summv2a{i};
  end;
  if TOTALv ge 2 then QNVEG2=1;
    else if 0 le TOTALv lt 2 then QNVEG2=2;
```

QNVEG3:

	Numerator:	Calculated
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q70, Q71, Q72, and Q73
	Summary text:	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)
	Variable label:	Ate vegetables three or more times per day
	Dependence:	Depends on Q70, Q71, Q72, and Q73
	SAS code:	

```
TOTALv=0;
  array vegq3a (*) q70 q71 q72 q73;
  array summv3a (*) q70n q71n q72n q73n;
    do i = 1 to dim(vegq3a);
    if vegq3a{i} = '1' then summv3a{i} = 0;
      else if vegq3a{i} = '2' then summv3a{i} = 2/7;
      else if vegq3a{i} = '3' then summv3a{i} = 5/7;
      else if vegq3a{i} = '4' then summv3a{i} = 1;
      else if vegq3a{i} = '5' then summv3a{i} = 2;
      else if vegq3a{i} = '6' then summv3a{i} = 3;
      else if vegq3a{i} = '7' then summv3a{i} = 4;
      else summv3a{i} = .;
    TOTALv=TOTALv+summv3a{i};
  end;
  if TOTALv ge 3 then QNVEG3=1;
    else if 0 le TOTALv lt 3 then QNVEG3=2;
```

QNSODA1:

	Numerator:	Students who answered D, E, F, or G for Q74
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q74
	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 Q74
	SAS code:	

```
if q74 in ('4','5','6','7') then QNSODA1=1;
    else if q74 in ('1','2','3') then QNSODA1=2;
```

QNSODA2:

Numerator:	Students who answered E, F, or G for Q74
Denominator:	Students who answered A, B, C, D, E, F, or G for Q74
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 Q74
SAS code:	if q74 in ('5','6','7') then QNSODA2=1; else if q74 in ('1','2','3','4') then QNSODA2=2;

QNBK7DAY:

Numerator:	Students who answered H for Q75
Denominator:	Students who answered A, B, C, D, E, F, G or H for Q75
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 Q75
SAS code:	if q75 in ('8') then QNBK7DAY=1; else if q75 in ('1','2','3','4','5','6','7') then QNBK7DAY=2;

QNPA0DAY:

Numerator:	Students who answered A for Q76
Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q76
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 Q76
SAS code:	if q76='1' then QNPA0DAY=1; else if q76 in ('2','3','4','5','6','7','8') then QNPA0DAY=2;

QNPA7DAY:

Numerator:	Students who answered H for Q76
Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q76
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 Q76
SAS code:	if q76='8' then QNPA7DAY=1; else if q76 in ('1','2','3','4','5','6','7') then QNPA7DAY=2;

QNDLYPE:

Numerator:	Students who answered F for Q77
Denominator:	Students who answered A, B, C, D, E, or F for Q77
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 Q77
SAS code:	if Q77='6' then QNDLYPE=1; else if Q77 in ('1','2','3','4','5') then QNDLYPE=2;

QNNODNT:

Numerator:	Students who answered D for Q83
Denominator:	Students who answered A, B, C, D, or E for Q83
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 Q83
SAS code:	if Q83='4' then QNNODNT=1; else if Q83 in ('1','2','3','5') then QNNODNT =2;

Appendix D: Standard Middle School YRBS Supplemental (QNword) Variables

QNFRCIG:		
	Numerator:	Students who answered F or G for Q20
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q20
	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 Q20
	SAS code:	if q20 in ('6','7') then QNFRCIG=1;
		else if q20 in ('1','2','3','4','5') then QNFRCIG=2;
	Native direction:	Negative
QNDAYCIG:		
	Numerator:	Students who answered G for Q20
	Denominator:	Students who answered A, B,C, D, E, F, or G for Q20
	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 Q20
	SAS code:	if q20='7' then QNDAYCIG=1;
		else if q20 in ('1','2','3','4','5','6') then QNDAYCIG=2;
	Native direction:	Negative
QNFREVP:		
	Numerator:	Students who answered F or G for Q23
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q23
	Summary text:	Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)
	Variable label:	Currently smoked electronic vapor products frequently
	Dependence:	Depends on Q23
	SAS code:	if q23 in ('6','7') then QNFREVP=1;
		else if q23 in ('1','2','3','4','5') then QNFREVP=2;
	Native direction:	Negative
QNDAYEVP:		
	Numerator:	Students who answered G for Q23
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q23
	Summary text:	Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)
	Variable label:	Currently used electronic vapor products daily
	Dependence:	Depends on Q23
	SAS code:	if q23='7' then QNDAYEVP =1;
		else if q23 in ('1','2','3','4','5','6') then QNDAYEVP=2;
	Native direction:	Negative
QNFRSKL:		
	Numerator:	Students who answered F or G for Q24
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q24
	Summary text:	Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)
	Variable label:	Currently used smokeless tobacco frequently
	Dependence:	Depends on Q24
	SAS code:	if q24 in ('6','7') then QNFRSKL=1;
		else if q24 in ('1','2','3','4','5') then QNFRSKL=2;
	Native direction:	Negative

QNDAYSKL:

Numerator:	Students who answered G for Q24
Denominator:	Students who answered A, B, C, D, E, F, or G for Q24
Summary text:	Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)
Variable label:	Currently used smokeless tobacco daily
Dependence:	Depends on Q24
SAS code:	if q24 in ('7') then QNDAYSKL=1; else if q24 in ('1','2','3','4','5', '6') then QNDAYSKL=2;
Native direction:	Negative

QNFRCGR:

Numerator:	Students who answered F or G for Q25
Denominator:	Students who answered A, B, C, D, E, F, or G for Q25
Summary Text:	Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)
Variable label:	Currently smoked cigars frequently
Dependence:	Depends on Q25
SAS code:	if q25 in ('6','7') then QNFRCGR=1; else if q25 in ('1','2','3','4','5') then QNFRCGR=2;
Native direction:	Negative

QNDAYCGR:

Numerator:	Students who answered G for Q25
Denominator:	Students who answered A, B, C, D, E, F, or G for Q25
Summary Text:	Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)
Variable label:	Currently smoked cigars daily
Dependence:	Depends on Q25
SAS code:	if q25 in ('7') then QNDAYCGR=1; else if q25 in ('1','2','3','4','5', '6') then QNDAYCGR=2;
Native direction:	Negative

QNTB2:

Numerator:	Students who answered B, C, D, E, F, or G for Q20 or Q25
Denominator:	Students who answered A, B, C, D, E, F, or G for Q20 or Q25
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 Q20 or Q25

SAS code:	if q20 in ('2','3','4','5','6','7') or q25 in ('2','3','4','5','6','7') then QNTB2=1;
	    else if q20='1' and q25='1' then QNTB2=2;
	if q20 in (' ') or q25 in (' ') then QNTB2=.;

QNTB3:

Numerator:	Students who answered B, C, D, E, F, or G for Q20, Q24, or Q25
Denominator:	Students who answered A, B, C, D, E, F, or G for Q20, Q24, or Q25
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 Q20, Q24, or Q25

SAS code:	if q20 in ('2','3','4','5','6','7') or
	    q24 in ('2','3','4','5','6','7') or
	    q25 in ('2','3','4','5','6','7') then QNTB3=1;
	    else if q20='1' and q24='1' and q25='1' then QNTB3=2;
	if q20 in (' ') or q24 in (' ') or q25 in (' ') then QNTB3=.;

QNTB4:

Numerator:	Students who answered B, C, D, E, F, or G for Q20, Q23, Q24, or Q25
Denominator:	Students who answered A, B, C, D, E, F, or G for Q20, Q23, Q24, or Q25
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 Q20, Q23, Q24, or Q25
SAS code:	if q20 in ('2','3','4','5','6','7') or
	q23 in ('2','3','4','5','6','7') or
	q24 in ('2','3','4','5','6','7') or
	q25 in ('2','3','4','5','6','7') then QNTB4=1;
	else if q20='1' and q23='1' and q24='1' and q25='1' then QNTB4=2;
	if q20 in (' ') or q23 in (' ') or q24 in (' ') or q25 in (' ') then QNTB4=.;

QNTB5:

Numerator:	Students who answered B, C, D, E, F, or G for Q20 or Q23
Denominator:	Students who answered A, B, C, D, E, F, or G for Q20 or Q23
Summary text:	Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)
Variable label:	Currently smoked cigarettes or used electronic vapor products
Dependence:	Depends on Q20 and Q23
SAS code:	if q20 in ('2', '3', '4', '5', '6', '7') or q23 in ('2', '3', '4', '5', '6', '7') then QNTB5=1;
	else if q20='1' and q23='1' then QNTB5=2;
	if q20 in (' ') or q23 in (' ') then QNTB5=.;

QNBK7DAY:

Numerator:	Students who answered H for Q39
Denominator:	Students who answered A, B, C, D, E, F, G or H for Q39
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 Q39
SAS code:	if q39 in ('8') then QNBK7DAY=1;
	else if q39 in ('1','2','3','4','5','6','7') then QNBK7DAY=2;

QNPA0DAY:

Numerator:	Students who answered A for Q40
Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q40
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 Q40
SAS code:	if q40='1' then QNPA0DAY=1;
	else if q40 in ('2','3','4','5','6','7','8') then QNPA0DAY=2;

QNPA7DAY:

Numerator:	Students who answered H for Q40
Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q40
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 Q40
SAS code:	if q40='8' then QNPA7DAY=1;
	else if q40 in ('1','2','3','4','5','6','7') then QNPA7DAY=2;

QNDLYPE:

Numerator:	Students who answered F for Q41
Denominator:	Students who answered A, B, C, D, E, or F for Q41
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 Q41
SAS code:	if Q41='6' then QNDLYPE=1;
	else if Q41 in ('1','2','3','4','5') then QNDLYPE=2;