Youth Risk Behavior Surveillance System (YRBSS)

2019 MS YRBS State and District Combined Datasets User's Guide

April 2021

Where can I get more information? Visit www.cdc.gov/yrbss or call 800−CDC−INFO (800−232−4636).

National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention
Division of Adolescent and School Health

TABLE OF CONTENTS

National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention
Division of Adolescent and School Health

Introduction

Purpose   The MS YRBS Combined Datasets contain data from middle school YRBS surveys conducted from 1995-2019 in multiple states and districts from 1995 - 2019. The purpose of the MS Combined Datasets is to facilitate MS YRBS data analyses that require middle school data from multiple years and/or multiple surveys.

Contents   This documentation contains the following sections:

- Introduction
- Surveys Included in the MS Combined Datasets
- Variables Included in the MS Combined Datasets
- Analytic Considerations
- Appendix A: Record Counts by Survey and Year
- Appendix B: 2019 Questionnaire Variable Specifications
- Appendix C: 2019 Supplemental Variable Specifications
- Appendix D: Selected Additional Risk Behavior Variable Specifications

Note: This document contains information specific to the MS Combined Datasets. Information on general MS YRBS data processing and data editing procedures are not included. When needed, references to other MS YRBS technical documents are provided.

Background   The MS YRBS Combined Datasets include MS YRBS survey data from all the majority of weighted state and large urban school district middle school surveys conducted from 1995 to 2019.

Reasons to combine MS YRBS datasets include:

- to increase analytic sample size
- to increase the represented area or population (i.e., a region of the country)
- to identify changes in prevalence of a behavior across time (i.e., trend analysis)

The MS Combined Datasets provide several advantages to analysts:

- The variables in the MS Combined Datasets have been standardized across survey years. The variable Q27, for instance, means the same thing across all years of data. Analysts do not have to crosswalk the questionnaires and variables across multiple survey years themselves.
- The MS Combined Datasets contain results from multiple state and district surveys. Analysts do not have to get individual files from individual surveys and combine them.

Limitations to consider include:

- Not all middle school surveys are in the dataset. State and district YRBS datasets are owned and controlled by the health and education agencies that conducted the surveys. Some of these agencies did not give CDC permission to include their middle school data in the MS Combined Datasets. Therefore, some analyses conducted using the MS Combined Datasets may produce results that do not match middle school results previously published by CDC. Refer to the "YRBSS Participation History & Data Quality" table on the "YRBSS Participation Maps & History" page at www.cdc.gov/yrbss for more information about surveys conducted and data availability.
- The MS Combined Datasets are based on the 2019 MS YRBS standard questionnaire and include data from selected optional YRBS questions. Datasets from earlier years will have more missing data because questionnaires from earlier years did not include the same middle school standard questions as the 2019 middle school questionnaire did.
- Many state and district middle school surveys do not include all of the 2019 standard MS YRBS questions. Some surveys delete some standard questions from their questionnaires. Data will be missing from some surveys for some variables due to these deletions. Many state and district surveys do not include all the standard questions in their questionnaires. Most standard questions are asked but some data will be missing from some state and local surveys.

Data File Structure

The datasets are split into four groups due to large file sizes. The split files make it easier to download just the file(s) of interest. The datasets are split as follows:

1. Data from states with names beginning with A through M
2. Data from states with names beginning with N through Z
3. District data

Data for each group are provided in Microsoft Access and ASCII data formats. The Microsoft Access files are posted as zip files to make

downloading them easier. The ASCII files can be read by common statistical packages. Programs to read the data in SAS and SPSS are posted on the website. A program to create a SAS format library is also posted on the website.

Refer to the "Data & Documentation" page at www.cdc.gov/yrbss for details about file names, downloading the data, and how to use the SAS and SPSS programs.

Other Resources

Readers unfamiliar with YRBS data should review:

- the latest data documentation,
- YRBS Questionnaire Content,
- Methodology of the Youth Risk Behavior Surveillance System— 2013,
- Software for Analysis of YRBS Data,
- Interpretation of YRBS Trend Data,
- Conducting Trend Analyses of YRBS Data,
- Combining YRBS Data Across Years and Sites
- How to Analyze YRBS Sexual Minority Data, and
- the Frequently Asked Questions page on the YRBS website.

Note: This document is not intended to teach statistical methods or inference techniques and assumes the reader is familiar with the concepts referenced, for example, weighting methods, analysis of complex survey data, data management, and statistical software and programming for analyzing MS YRBS data.

Surveys Included in the MS Combined Datasets

Data Inclusion Criteria

State and district surveys are included in the Combined Datasets if:

- they were conducted between 1995 and 2019,
- they were a middle school survey,
- the data were weighted, and
- the state or district health or education agency conducting the survey gave CDC permission to include the data in the MS Combined Datasets.

Note: The state and district health and education agencies that conduct an MS YRBS survey with technical and financial assistance from CDC own and control access to their MS data. Some sites of these agencies did not grant CDC permission to include their MS data in the MS Combined Datasets.

Refer to the "Participation History & Data Quality" table on the "Participation Maps & History" page at www.cdc.gov/yrbss for more information about middle school surveys conducted and data availability.

Survey Inclusion by Year

Refer to Appendix A for the number of records available by survey and by year.

No records in a given year means that:

- the survey was not conducted in that year or
- the survey was conducted but the response rate was not sufficient to allow the data to be weighted or
- the survey was conducted in the 2019 survey cycle but the response rate was less than 60% and nonresponse bias analysis results suggested that data were not representative of their respective population

Variables Included in the MS Combined Datasets

Categories of Variables Included

Seven kinds of variables are included in the MS Combined Datasets:

- Sample variables
- Demographic variables
- 2019 questionnaire variables,
- 2019 supplemental variables, and
- Selected additional risk behavior optional question variables.

Some surveys delete some MS standard questions from their MS questionnaires. Data will be missing from some surveys for some variables due to these deletions. Many state and district surveys do not include all the standard questions in their questionnaires. Most standard questions are asked but some MS data will be missing from some state and local surveys.

The MS combined datasets include 2019 data and data from previous years that map to 2019 MS questions. Datasets from earlier years will have more missing data because questionnaires from earlier years did not include the same MS standard questions as the 2019 MS questionnaire did.

Sample Variables

Sample variables identify records by survey, site type, and survey year and provide information needed to perform statistical analyses appropriately.

Variable	Description
sitecode	Two- or three-character survey site code that uniquely identifies a survey location
sitename	Name of location covered by a survey
sitetype	Type of survey site – "District" or "State"
sitetypenum	Numeric indicator of type of survey site: 1 = "District" 2 = "State"
year	4-digit year of survey – 1995, 1997, etc.
survyear	Number of year of survey: 1=1995 2=1997 3=1999, etc.

weight	Analytical weight – used in statistical analyses
stratum	Stratum – used in statistical analyses
PSU	Primary Sampling Unit (PSU) – used in statistical analyses

Refer to [Software for Analysis of YRBS Data](#) for details on using weight, stratum, and PSU correctly.

Demographic Variables

Demographic variables identify respondents by various demographic characteristics. These variables are self-reported; some respondents may not have answered the relevant question.

Variable	Description
age	Data from: 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
sex	Data from: What is your sex? A. Female B. Male
grade	Data from: In what grade are you? A. 6th grade B. 7th grade C. 8th grade D. Ungraded or other grade

race4	4-level variable from race and ethnicity questions: 1 = "White" 2 = "Black or African American" 3 = "Hispanic/Latino" 4 = "All Other Races"
race7	7-level variable from race and ethnicity questions: 1 = "American Indian/Alaska Native" 2 = "Asian" 3 = "Black or African American" 4 = "Hispanic/Latino" 5 = "Native Hawaiian/Other Pacific Islander" 6 = "White" 7 = "Multiple Races (Non-Hispanic)"

Race and ethnicity questions have changed over time. Race4 and race7 are coded to bridge over these changes to provide a 4- or 7-level indicator appropriate for all years.

Refer to YRBS Questionnaire Content for information about specific questions asked in a given year.

Refer to the 2019 YRBS Data User's Guide for details on how race/ethnicity variables are edited and calculated.

2019 Questionnaire Variables

2019 questionnaire variables in original and dichotomized versions.

Variable	Description
q6-q49	Original data from questions 6 through 49 on the 2019 YRBS standard questionnaire. They are named with a "q" followed by the question number.
qn6-qn49	Dichotomized versions of questions 6 through 49. They are named with a "qn" followed by the question number. The dichotomous variables are set to "1" when the student responds with an answer that is in the response(s) of interest (ROI). Students that respond otherwise are set to "2." Dichotomized variables ~~are~~

| | help analysts easily analyze risk behaviors in a way that reflects terms of broad interest. |

Refer to Appendix C for detailed specifications on the questionnaire variables, what each dichotomous variable represents, and how they are calculated.

Refer to the 2019 YRBS Data User's Guide for more explanation of dichotomous variables.

2019 Supplemental Variables

Supplemental variables calculated from the 2019 questionnaire. Supplemental dichotomous variables (coded as 1 or 2) of broad interest. They are named with a "qn" followed by a word that indicates the content of the variable. Supplemental variables are calculated based on data from one or sometimes more than one question.

Variable	Description/Variable Label
qnfrcig	Currently smoked cigarettes frequently
qndaycig	Currently smoked cigarettes daily
qnfrevp	Currently used electronic vapor products frequently
qndayevp	Currently used electronic vapor products daily
qnfrcgr	Currently smoked cigars frequently
qndaycgr	Currently smoked cigars daily
qntb2	Currently smoked cigarettes or cigars
qntb3	Currently smoked cigarettes or cigars or used smokeless tobacco
qntb4	Currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products
qntb5	Currently smoked cigarettes or used electronic vapor products
qnbk7day	Ate breakfast on all 7 days
qnpa0day	Did not participate in at least 60 minutes of physical activity on at least 1 day
qnpa7day	Were physically active at least 60 minutes per day on all 7 days
qndlype	Attended physical education (PE) classes on all 5 days

Refer to Appendix D for detailed specifications about what each supplemental variable represents and how it is calculated.

Refer to the 2019 YRBS Data User's Guide for more explanation of supplemental variables.

Selected Additional Risk Behavior Variables

Selected additional risk behavior variables are in original and dichotomized versions. These variables come from questions that are not on the standard 2019 MS YRBS questionnaire but that are considered to be of broad interest. The variables for the original questions are named with a "q" followed by a word that indicates the content of the variable. The dichotomized versions (coded as 1 or 2) are named with a "qn" followed by a word that indicates the content of the variable.

Variable	Description/Variable Label
qdrivemarijuana	Drive when using marijuana
qcelldriving	Cell phone use while driving
qbullyweight	Victim of teasing b/c of physical appearance
qbullygay	Ever been teased b/c labeled GLB
qcigschool	Currently smoke at school >=1 days
qchewtobschool	Current snuff @ school
qalcoholschool	Current drink at school
qhowmarijuana	Usual use of marijuana
qmarijuanaschool	Marijuana use at school
qcurrentcocaine	Current cocaine use
qhallucdrug	Ever used hallucinogenic drugs
qprescription30d	Times take drug w/o prescription 30d
qgenderexp	Others description of your masc/fem
qtaughtHIV	Ever taught about AIDS/HIV at school
qtaughtsexed	Ever had sex education in school
qtaughtstd	Ever been taught in school about STDs
qtaughtbc	Ever been taught about BC methods in sch
qdietpop	Diet soda drinking >=1 time/day
qcoffeetea	Coffee/tea drinking >=1 time/day

qsportsdrink	Sports drinks
qenergydrink	Energy drink >=1 time/day
qsugardrink	Sugar-sweetened beverage >=1 time/day
qwater	Plain water
qfastfood	Meal/snack fast food >= 3 days
qwenthungry	How often went hungry
qmusclestrength	Muscle strengthening
qsunscreenuse	Sunscreen use outside
qindoortanning	Indoor tanning
qcurrentasthma	Current asthma
qwheresleep	Homelessness
qhivtesting	HIV testing
qsexid	Sexual identity
qsamesex	Sex of sexual contact
qoralsex	Ever had oral sex
qsynthmarijuana	Lifetime synthetic marijuana use
qndrivemarijuana	Drove a car or other vehicle when they had been using marijuana
qncelldriving	Talked on a cell phone use while driving
qnbullyweight	Have been the victim of teasing or name calling because of their weight, size, or physical appearance
qnbullygay	Have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual
qncigschool	Smoked cigarettes on school property
qnchewtobschool	Used chewing tobacco, snuff, or dip on school property
qnalcoholschool	Currently had at least one drink of alcohol on school property
qnhowmarijuana	Usually used marijuana by smoking it in a joint, bong, pipe, or blunt
qnmarijuanaschool	Used marijuana on school property
qncurrentcocaine	Currently used any form of cocaine
qnhallucdrug	Ever used hallucinogenic drugs

qnprescription30d	Currently took a prescription drug without a doctor's prescription
qngenderexp	Think other people at school would describe them as equally feminine and masculine
qntaughtHIV	Have been taught about AIDS or HIV infection in school
qntaughtsexed	Have had sex education in school
qntaughtstd	Have been taught in school about sexually transmitted diseases (STDs)
qntaughtbc	Have been taught in school about birth control methods
qndietpop	Drank a can, bottle, or glass of diet soda or pop
qncoffeetea	Drank a cup, can, or bottle of coffee, coffee drinks, or any kind of tea
qnsportsdrink	Did not drink a can, bottle, or glass of a sports drink
qnenergydrink	Drank a can, bottle, or glass of an energy drink
qnsugardrink	Drank a can, bottle, or glass of a sugar-sweetened beverage
qnwater	Did not drink a bottle or glass of plain water
qnfastfood	Ate at least one meal or snack from a fast food restaurant
qnwenthungry	Most of the time or always went hungry because there was not enough food in their home
qnmusclestrength	Did exercises to strengthen or tone their muscles on three or more days
qnsunscreenuse	Most of the time or always wear sunscreen
qnindoortanning	Used an indoor tanning device
qncurrentasthma	Had been told by a doctor or nurse that they had asthma and who still have asthma
qnwheresleep	Did not usually sleep in their parent's or guardian's home
qnhivtesting	Have been tested for HIV
qnoralsex	Have had oral sex
qnsynthmarijuana	Ever used synthetic marijuana

Refer to Appendix D for detailed specifications about the selected additional risk behavior variables.

Analytic Considerations

Introduction   Important analytic considerations include

- Software requirements
- Minimum cell size
- Combining state and district datasets

Software Requirements   The YRBS uses a multi-stage cluster sample design. Statistical software used to analyze YRBS data should account for this design. Many packages with this capability are available.

Refer to [Software for Analysis of YRBS Data](#) for more information on five statistical packages (SUDAAN, SAS, STATA, SPSS, and Epi Info) that can be used to analyze the YRBS.

Minimum Cell Size   In general, CDC analyses of YRBS data use 100 as the minimum cell denominator although other analyses have used lower cutoffs (CDC uses 30 as the minimum cell size when analyzing sexual minority data, for instance). Different cutoffs can be used but it is important to set a level for any analyses and to be aware of cell size when analyzing the data.

Note: This refers to the denominator, not numerator. It is possible to have numerators of 0; these are reported as 0% with no confidence intervals.

Combining State and District Datasets   Generally, as long as there is a sufficient number of records, it is recommended that state data be combined only with other states and that districts be combined only with other districts.

It is not recommended to combine state data and district data because of possible overlap between the two and because state data contain both urban and rural students while district data contain only urban students.

Refer to [Combining YRBS Data Across Years and Sites](#) for more information about combining YRBS datasets.

Appendix A: Record Counts by Survey and Year

Appendix A   Appendix A contains number of records available by survey and by year. State and district MS YRBS data come from separate scientific samples of middle schools and students.

Survey Site Name (Sitecode)	Number of Records by State and Year of Survey													
	Year of Survey													
	1995	**1997**	**1999**	**2001**	**2003**	**2005**	**2007**	**2009**	**2011**	**2013**	**2015**	**2017**	**2019**	**Total**
Alabama (AL)	0	0	2,157	1,407	1,179	0	0	1,027	0	0	0	0	0	5,770
Colorado (CO)	0	0	0	0	0	0	0	0	1,614	1,572	0	0	0	3,186
Delaware (DE)	0	0	0	0	0	0	3,416	3,806	3,145	3,677	3,079	2,974	1,153	21,250
Florida (FL)	0	0	0	0	0	0	0	0	0	6,738	5,886	6,026	5,177	23,827
Hawaii (HI)	0	1,450	1,394	1,495	7,709	0	1,231	1,611	5,109	5,036	6,374	6,418	6,591	44,418
Kentucky (KY)	0	0	0	0	0	0	0	1,800	2,027	1,702	1,640	1,404	1,663	10,236
Maine (ME)	0	1,811	0	1,509	2,128	1,480	1,538	5,187	5,482	4,133	5,163	4,719	5,166	38,316
Maryland (MD)	0	0	0	0	0	0	0	0	0	26,967	27,104	23,568	27,299	104,938
Mississippi (MS)	0	0	0	1,580	1,510	0	0	1,522	1,557	0	0	0	0	6,169
Nebraska (NE)	1,363	0	0	0	0	0	0	0	0	0	0	0	0	1,363
Nevada (NV)	0	0	0	0	0	0	1,767	2,467	0	0	0	1,550	0	5,784
New Mexico (NM)	0	0	0	0	0	0	0	5,303	3,851	5,110	3,120	6,820	4,841	29,045
North Carolina (NC)	2,227	0	0	2,197	0	0	3,256	0	1,937	1,410	0	2,524	2,751	16,302
North Dakota (ND)	836	0	1,666	1,377	1,818	1,239	2,091	2,144	2,141	2,132	2,047	2,381	2,346	22,218
Pennsylvania (PA)	0	0	0	0	0	0	0	0	0	0	0	0	2,497	2,497
Rhode Island (RI)	0	0	0	0	0	0	2,382	3,629	3,301	2,338	2,479	1,484	1,571	17,184

Survey Site Name (Sitecode)	Number of Records by State and Year of Survey													
	Year of Survey													
	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	Total
South Carolina (SC)	0	0	0	0	0	1,383	1,394	1,325	1,475	1,540	0	0	0	7,117
Tennessee (TN)	0	0	0	0	0	0	0	0	0	5,589	0	0	0	5,589
Vermont (VT)	0	0	0	0	0	0	0	0	3,278	3,106	13,648	13,887	13,998	47,917
Virginia (VA)	0	0	0	0	0	0	0	0	0	8,211	2,246	2,574	2,525	15,556
West Virginia (WV)	0	0	0	1,509	0	0	1,605	1,947	2,092	2,130	1,854	2,089	1,658	14,884
Wyoming (WY)	0	0	0	2,740	1,945	2,906	2,886	3,015	2,279	2,702	0	0	0	18,473
Total	4,426	3,261	5,217	13,814	16,289	7,008	21,566	34,783	39,288	84,093	74,640	78,418	79,236	462,039

Survey Site Name (Sitecode)	Number of Records by District and Year of Survey													
	Year of Survey													
	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	Total
Albuquerque, NM (AB)	0	0	0	0	0	0	0	0	0	0	0	0	6,826	6,826
Broward County, FL (FT)	0	0	0	0	0	0	0	0	0	1,496	1,511	1,446	1,428	5,881
Charlotte-Mecklenburg County, NC (CM)	0	0	0	0	0	0	1,632	2,791	1,591	1,606	0	0	0	7,620
Chicago, IL (CH)	1,443	0	0	0	0	0	0	1,459	1,455	1,302	0	0	1,724	7,383
Dallas, TX (DA)	0	0	1,258	1,555	1,664	1,367	1,121	0	1,134	0	0	0	0	8,099
Duval County, FL (DU)	0	0	0	0	0	0	0	3,138	4,513	4,832	4,533	4,576	4,585	26,177
Gaston County, NC (GS)	0	0	0	0	0	0	0	0	0	0	0	0	1,456	1,456
Houston, TX (HO)	1,817	1,608	1,400	0	0	0	0	0	2,424	2,132	2,389	2,136	2,225	16,131
Los Angeles, CA (LO)	0	0	0	0	0	0	0	0	1,320	1,504	1,333	1,587	1,577	7,321
Milwaukee, WI (ML)	0	0	0	1,900	1,676	2,003	2,546	2,645	2,255	1,695	0	0	0	14,720
Orange County, FL (OL)	0	0	0	0	0	0	0	0	1,619	1,698	1,883	1,734	1,764	8,698
San Bernardino, CA (SB)	0	0	0	1,721	2,026	1,079	1,468	1,382	1,127	0	0	0	0	8,803

2019 MS YRBS Combined Datasets User's Guide

Survey Site Name (Sitecode)	Number of Records by District and Year of Survey													
	Year of Survey													
	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	Total
San Diego, CA (SA)	1,302	0	0	0	0	0	0	0	0	0	0	0	0	1,302
San Francisco, CA (SF)	0	1,783	2,122	1,541	2,139	2,241	2,091	2,417	2,730	2,536	2,110	1,627	2,305	25,642
Shelby County, TN (ST)	0	0	0	0	0	0	0	0	0	0	0	1,258	1,418	2,676
Total	4,562	3,391	4,780	6,717	7,505	6,690	8,858	13,832	20,168	18,801	13,759	14,364	25,308	148,735

Appendix B: 2019 Questionnaire Variable Specifications

Appendix B   Appendix B contains q and qn specifications for question 6 through question 49 of the 2019 standard MS YRBS questionnaire.

Q6.	**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)
	Variable label:	Rarely or never wore a bicycle helmet

Q7.	**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)
	Variable label:	Rarely or never wore a helmet when rollerblading or skateboarding

Q8.	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, or B for Q8
	Denominator:	Students who answered A, B, C, D, or E for Q8
	Summary Text:	Percentage of students who rarely or never wore a seat belt (when riding in a car)
	Variable label:	Rarely or never wore a seat belt
Q9.	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)
	Variable label:	Ever rode with a driver who had been drinking alcohol
Q10.	Have you ever carried **a weapon**, such as a gun, knife, or club?	
	A.	**Yes**
	B.	No
	Variable label:	Weapon carrying
QN10:	Numerator:	Students who answered A for Q10
	Denominator:	Students who answered A or B for Q10
	Summary Text:	Percentage of students who ever carried a weapon (such as a gun, knife, or club)
	Variable label:	Ever carried a weapon
Q11.	Have you ever been in a physical fight?	
	A.	**Yes**
	B.	No
	Variable label:	Physical fighting
QN11:	Numerator:	Students who answered A for Q11
	Denominator:	Students who answered A or B for Q11
	Summary Text:	Percentage of students who were ever in a physical fight
	Variable label:	Were ever in a physical fight
Q12.	Have you ever been bullied **on school property**?	
	A.	**Yes**
	B.	No
	Variable label:	Bullying at school
QN12:	Numerator:	Students who answered A for Q12
	Denominator:	Students who answered A or B for Q12
	Summary Text:	Percentage of students who were ever bullied on school property
	Variable label:	Were ever bullied on school property

Q13.   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

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 electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)
  Variable label: Were ever electronically bullied

Q14.   Have you ever **seriously** thought about killing yourself?
  A.   **Yes**
  B.   No

  Variable label: Suicide consideration

QN14:   Numerator: Students who answered A for Q14
  Denominator: Students who answered A or B for Q14
  Summary Text: Percentage of students who ever seriously thought about killing themselves
  Variable label: Ever seriously thought about killing themselves

Q15.   Have you ever made a **plan** about how you would kill yourself?
  A.   **Yes**
  B.   No

  Variable label: Suicide plan

QN15:   Numerator: Students who answered A for Q15
  Denominator: Students who answered A or B for Q15
  Summary Text: Percentage of students who ever made a plan about how they would kill themselves
  Variable label: Ever made a plan about how they would kill themselves

Q16.   Have you ever **tried** to kill yourself?
  A.   **Yes**
  B.   No

  Variable label: Attempted suicide

QN16:   Numerator: Students who answered A for Q16
  Denominator: Students who answered A or B for Q16
  Summary Text: Percentage of students who ever tried to kill themselves
  Variable label: Ever tried to kill themselves

Q17.   Have you ever tried cigarette smoking, even one or two puffs?
  A.   **Yes**
  B.   No

  Variable label: Ever cigarette use

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 cigarette smoking (even one or two puffs)
  Variable label: Ever tried cigarette smoking

Q18.	How old were you when you first tried cigarette smoking, 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

QN18:	Numerator:	Students who answered B, C, or D for Q18
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q18
	Summary Text:	Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)
	Variable label:	Tried cigarette smoking for the first time before age 11 years

Q19.	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

QN19:	Numerator:	Students who answered B, C, D, E, F, or G for Q19
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q19
	Summary Text:	Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)
	Variable label:	Currently smoked cigarettes
	Dependence:	Required by QNFRCIG, QNDAYCIG, QNTB2, QNTB3, QNTB4, and QNTB5

Q20.	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

QN20*:	Numerator:	Students who answered F or G for Q20
	Denominator:	Students who answered B, C, D, E, F, or G for Q19 and answered B, C, D, E, F, or G for Q20
	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)
	Variable label:	Smoked more than 10 cigarettes per day
	Dependence:	Depends on Q19

Q21.	Have you ever used an electronic vapor product?	
	A. Yes	
	B. No	

Variable label: Electronic vapor product use

QN21:	Numerator:	Students who answered A for Q21
	Denominator:	Students who answered A or B for Q21
	Summary Text:	Percentage of students who ever used an electronic vapor product
	Variable label:	Ever used an electronic vapor product

Q22.	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

QN22:	Numerator:	Students who answered B, C, D, E, F, or G for Q22
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q22
	Summary text:	Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)
	Variable label:	Currently used an electronic vapor product
	Dependence:	Required by QNFREVP, QNDAYEVP, QNTB4, and QNTB5

Q23.   During the past 30 days, how did you **usually** get your own electronic vapor products? (Select only **one** response.)
A.   I did not use any electronic vapor products during the past 30 days
B.   I bought them in a store such as a convenience store, supermarket, discount store, gas station, or vape store
C.   I got them on the Internet
D.   I gave someone else money to buy them for me
E.   I borrowed them from someone else
F.   A person who can legally buy these products gave them to me
G.   I took them from a store or another person
H.   I got them some other way

Variable label: EVP from store

Short response:
A.   Did not use EVP
B.   Store or gas station
C.   I got them on the Internet
D.   Someone else bought them
E.   Borrowed them
F.   Legal person gave them to me
G.   Took them from a store/family
H.   Some other way

QN23*: Numerator: Students who answered B for Q23
Denominator: Students who answered B, C, D, E, F, or G for Q22 and answered B, C, D, E, F, G, or H for Q23
Summary text: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products)
Variable label: Usually got their own electronic vapor products by buying them in a store
Dependence: Depends on Q22

Q24.   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

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, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)
Variable label: Currently used smokeless tobacco
Dependence: Required by QNTB3 and QNTB4

Q25.   During the past 30 days, on how many days did you smoke **cigars, cigarillos, or little cigars**?
    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 (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)
    Variable label: Currently smoked cigars
    Dependence: Required by: QNFRCGR, QNDAYCGR, QNTB2, QNTB3, and QNTB4

Q26.   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)
    Variable label: Ever drank alcohol

Q27.   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)
    Variable label: Drank alcohol for the first time before age 11 years

Q28.	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
	Variable label:	Ever used marijuana

Q29.	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
	Variable label:	Tried marijuana for the first time before age 11 years

Q30.	Have you ever taken **prescription pain medicine** without a doctor's prescription or differently than how a doctor told you to use it? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.)	
	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)
	Variable label:	Ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it

Q31.	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)
	Variable label:	Variable label:Ever used cocaine

Q32.	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)
	Variable label:	Ever used inhalants

Q33.	Have you ever taken **steroid pills or shots** without a doctor's prescription?	
	A.	**Yes**
	B.	No
	Variable label:	Ever steroid use
QN33:	Numerator:	Students who answered A for Q33
	Denominator:	Students who answered A or B for Q33
	Summary Text:	Percentage of students who ever took steroids without a doctor's prescription (pills or shots)
	Variable label:	Ever took steroids without a doctor's prescription

Q34.	Have you ever had sexual intercourse?	
	A.	**Yes**
	B.	No
	Variable label:	Ever sexual intercourse
QN34:	Numerator:	Students who answered A for Q34
	Denominator:	Students who answered A or B for Q34
	Summary Text:	Percentage of students who ever had sexual intercourse
	Variable label:	Ever had sexual intercourse
	Dependence:	Required by QN37

Q35.	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
QN35:	Numerator:	Students who answered B, C, or D for Q35
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q35
	Summary Text:	Percentage of students who had sexual intercourse for the first time before age 11 years
	Variable label:	Had sexual intercourse for the first time before age 11 years

36.	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: Multiple 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**

QN36:	Numerator:	Students who answered 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 ever had sexual intercourse with three or more persons
	Variable label:	Ever had sexual intercourse with three or more persons

37.	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

QN37*:	Numerator:	Students who answered B for Q37
	Denominator:	Students who answered A for Q34 and answered B or C for Q37
	Summary Text:	Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)
	Variable label:	Used a condom during last sexual intercourse
	Dependence:	Depends on Q34

38.	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

QN38:	Numerator:	Students who answered D or E for Q38
	Denominator:	Students who answered A, B, C, D, or E for Q38
	Summary Text:	Percentage of students who described themselves as slightly or very overweight
	Variable label:	Described themselves as slightly or very overweight

39.	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
QN39:	Numerator: Students who answered A for Q39
	Denominator: Students who answered A, B, C, or D for Q39
	Summary Text: Percentage of students who were trying to lose weight
	Variable label: Were trying to lose weight
40.	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
QN40:	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 eat breakfast (during the 7 days before the survey)
	QN variable label: Did not eat breakfast
	Dependence: Required by QNBK7DAY
41.	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
QN41:	Numerator: Students who answered F, G, or H for Q41
	Denominator: Students who answered A, B, C, D, E, F, G, or H for Q41
	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)
	Variable label: Were physically active at least 60 minutes per day on 5 or more days
	Dependence: Required by QNPA0DAY and QNPA7DAY

42.   On an average school day, how many hours do you watch TV?
 A.   I do not watch TV on an average school day
 B.   Less than 1 hour per day
 C.   1 hour per day
 D.   2 hours per day
 E.   3 hours per day
 F.   4 hours per day
 G.   5 or more hours per day

 Variable label: Television watching

 Short response:
 A.   No TV on average school day
 B.   Less than 1 hour per day
 C.   1 hour per day
 D.   2 hours per day
 E.   3 hours per day
 F.   4 hours per day
 G.   5 or more hours per day

QN42:   Numerator: Students who answered 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 watched television 3 or more hours per day (on an average school day)
 Variable label: Watched television 3 or more hours per day

43.   On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent playing games, watching videos, texting, or using social media on your smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)
 A.   I do not play video or computer games or use a computer for something that is not school work
 B.   Less than 1 hour per day
 C.   1 hour per day
 D.   2 hours per day
 E.   3 hours per day
 F.   4 hours per day
 G.   5 or more hours per day

 Variable label: Computer use

 Short response:
 A.   No playing video/computer game
 B.   Less than 1 hour per day
 C.   1 hour per day
 D.   2 hours per day
 E.   3 hours per day
 F.   4 hours per day
 G.   5 or more hours per day

QN43:   Numerator: Students who answered 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 played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)
 Variable label: Played video or computer games or used a computer 3 or more hours per day

44.   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

QN44:   Numerator: Students who answered B, C, D, E, or F for Q44
        Denominator: Students who answered A, B, C, D, E, or F for Q44
        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

45.   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

QN45:   Numerator: Students who answered B, C, or D for Q45
        Denominator: Students who answered A, B, C, or D for Q45
        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)
        Variable label: Played on at least one sports team

46.   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

QN46:   Numerator: Students who answered B, C, D, or E for Q46
        Denominator: Students who answered A, B, C, D, or E for Q46
        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)
        Variable label: Had a concussion from playing a sport or being physically active

47.   Has a doctor or nurse ever told you that you have asthma?
     A.   Yes
     B.   No
     C.   Not sure

     Variable label: Asthma

QN47:   Numerator: Students who answered A for Q47
         Denominator: Students who answered A, B, or C for Q47
        Summary text: Percentage of students who had ever been told by a doctor or nurse that they had asthma
        Variable label: Had ever been told by a doctor or nurse that they had asthma

48.	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
QN48:	Numerator:	Students who answered E, F, of G for Q48
	Denominator:	Students who answered A, B, C, D, E, F or G for Q48
	Summary text:	Percentage of students who got 8 or more hours of sleep (on an average school night)
	Variable label:	Got 8 or more hours of sleep
49.	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
QN49:	Numerator:	Students who answered A or B for Q49
	Denominator:	Students who answered A, B, C, D, E, F, or G for Q49
	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)
	Variable label:	Described their grades in school as mostly A's or B's

Appendix C: 2019 Supplemental Variable Specifications

Appendix C   Appendix C contains the specifications for 2019 supplemental dichotomous variables. Supplemental variables are calculated based on data from one or sometimes more than one question.

QNFRCIG:
Numerator:	Students who answered F or G for Q19
Denominator:	Students who answered A, B, C, D, E, F, or G for Q19
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 Q19
SAS code:	if q19 in ('6','7') then QNFRCIG=1;
	else if q19 in ('1','2','3','4','5') then QNFRCIG=2;

QNDAYCIG:
Numerator:	Students who answered G for Q19
Denominator:	Students who answered A, B,C, D, E, F, or G for Q19
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 Q19
SAS code:	if q19='7' then QNDAYCIG=1;
	else if q19 in ('1','2','3','4','5','6') then QNDAYCIG=2;

QNFREVP:
Numerator:	Students who answered F or G for Q22
Denominator:	Students who answered A, B, C, D, E, F, or G for Q22
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 Q22
SAS code:	if q22 in ('6','7') then QNFREVP=1;
	else if q22 in ('1','2','3','4','5') then QNFREVP=2;

QNDAYEVP:
Numerator:	Students who answered G for Q22
Denominator:	Students who answered A, B, C, D, E, F, or G for Q22
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 Q22
SAS code:	if q22='7' then QNDAYEVP =1;
	else if q22 in ('1','2','3','4','5','6') then QNDAYEVP=2;

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;

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 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='7' then QNDAYCGR =1; else if q25 in ('1','2','3','4','5','6') then QNDAYCGR=2;

QNTB2:

Numerator:	Students who answered B, C, D, E, F, or G for Q19 or Q25
Denominator:	Students who answered B, C, D, E, F, or G for Q19 or Q25 or answered A for Q19 and 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 Q19 and Q25
SAS code:	if q19 in ('2','3','4','5','6','7') or Q25 in ('2','3','4','5','6','7') then QNTB2=1; else if q19='1' and q25='1' then QNTB2=2;

QNTB3:

Numerator:	Students who answered B, C, D, E, F, or G for Q19, Q24, or Q25
Denominator:	Students who answered B, C, D, E, F, or G for Q19, Q24, or Q25 or answered A for Q19, Q24, and 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 Q19, Q24, and Q25

SAS code:	if q19 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 q19='1' and q24='1' and q25='1' then QNTB3=2;

QNTB4:

Numerator:	Students who answered B, C, D, E, F, or G for Q19, Q22, Q24, or Q25
Denominator:	Students who answered B, C, D, E, F, or G for Q19, Q22, Q24, or Q25 or answered A for Q19, Q22, Q24, and 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 Q19, Q22, Q24, and Q25
SAS code:	if q19 in ('2','3','4','5','6','7') or
	q22 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 q19='1' and q22='1' and q24='1' and q25='1' then QNTB4=2;

QNTB5:

Numerator:	Students who answered B, C, D, E, F, or G for Q19 or Q22
Denominator:	Students who answered B, C, D, E, F, or G for Q19 or Q22 or answered A for Q19 and Q22
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 Q19 and Q22
SAS code:	if q19 in ('2', '3', '4', '5', '6', '7') or q22 in ('2', '3', '4', '5', '6', '7') then QNTB5=1;
	else if q19='1' and q22='1' then QNTB5=2;

QNBK7DAY:

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 ate breakfast on all 7 days (during the 7 days before the survey)
Variable label:	Ate breakfast on all 7 days
Dependence:	Depends on Q40
SAS code:	if q40 in ('8') then QNBK7DAY=1;
	else if q40 in ('1','2','3','4','5','6','7') then QNBK7DAY=2;

QNPA0DAY:

Numerator:	Students who answered A for Q41
Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q41
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 Q41
SAS code:	if q41='1' then QNPA0DAY=1;
	else if q41 in ('2','3','4','5','6','7','8') then QNPA0DAY=2;

QNPA7DAY:

Numerator:	Students who answered H for Q41
Denominator:	Students who answered A, B, C, D, E, F, G, or H for Q41
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 Q41
SAS code:	if q41='8' then QNPA7DAY=1;
	else if q41 in ('1','2','3','4','5','6','7') then QNPA7DAY=2;

QNDLYPE:

Numerator:	Students who answered F for Q44
Denominator:	Students who answered A, B, C, D, E, or F for Q44
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 Q44
SAS code:	if Q44='6' then QNDLYPE=1;
	else if Q44 in ('1','2','3','4','5') then QNDLYPE=2;

Appendix D: Selected Additional Risk Behavior Variable Specifications

Appendix D   Appendix D contains the specifications for selected additional risk behavior variables in original and dichotomized formats. These variables come from questions that are not on the 2019 standard MS YRBS questionnaire but they are considered to be of broad interest and so are included in the Combined Datasets.

---

qdrivemarijuana:
During the past 30 days, how many times did you drive a car or other vehicle when you had been using marijuana (also called grass, pot, or weed)?
A.   I did not drive a car or other vehicle during the past 30 days
B.   0 times
C.   1 time
D.   2 or 3 times
E.   4 or 5 times
F.   6 or more times

Variable label: Drive when using marijuana

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

qndrivemarijuana*:
Numerator: Students who answered C, D, E, or F
Denominator: Students who answered B, C, D, E, or F
Summary text: Percentage of students who drove a car or other vehicle when they had been using marijuana (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)
Variable label: Drove a car or other vehicle when they had been using marijuana

qcelldriving:

During the past 30 days, on how many days did you talk on a cell phone while driving a car or other vehicle?
A.   I did not drive a car or other vehicle during the past 30 days
B.   0 days
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: Cell phone use while driving

Short response:
A.   Did not drive
B.   0 days
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**

qncelldriving*:

Numerator:	Students who answered C, D, E, F, G, or H
Denominator:	Students who answered B, C, D, E, F, G, or H
Summary text:	Percentage of students who talked on a cell phone while driving (on at least 1 day during the 30 days before the survey, among students who drove a car or other vehicle)
Variable label:	Talked on cell phone while driving

qbullyweight:

During the past 12 months, have you ever been the victim of teasing or name calling because of your weight, size, or physical appearance?
A.   **Yes**
B.   No

Variable label: Victim of teasing b/c of physical appearance

qnbullyweight:

Numerator:	Students who answered A
Denominator:	Students who answered A or B
Summary text:	Percentage of students who have been the victim of teasing or name calling because of their weight, size, or physical appearance (during the 12 months before the survey)
Variable label:	Have been the victim of teasing or name calling because of their weight, size, or physical appearance

qbullygay:

During the past 12 months, have you ever been the victim of teasing or name calling because someone thought you were gay, lesbian, or bisexual?

A. **Yes**
B. No

Variable label: Ever been teased b/c labeled GLB

qnbullygay:

Numerator: Students who answered A
Denominator: Students who answered A or B
Summary text: Percentage of students who have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual (during the 12 months before the survey)
Variable label: Have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual

qcigschool:

During the past 30 days, on how many days did you smoke cigarettes on school property?

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: Currently smoke at school >=1 days

qncigschool:

Numerator: Students who answered B, C, D, E, F, or G
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)
Variable label: Smoked cigarettes on school property

qchewtobschool:

During the past 30 days, on how many days did you use chewing tobacco, snuff, or dip on school property?

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 snuff @ school

qnchewtobschool:

Numerator: Students who answered B, C, D, E, F, or G
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who used chewing tobacco, snuff, or dip (on school property on one or more of the past 30 days)
Variable label: Used chewing tobacco, snuff, or dip on school property

qalcoholschool:

During the past 30 days, on how many days did you have at least one drink of alcohol on school property?

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 drink at school

qnalcoholschool:

Numerator:	Students who answered B, C, D, E, F, or G
Denominator:	Students who answered A, B, C, D, E, F, or G
Summary text:	Percentage of students who currently had at least one drink of alcohol on school property (on at least 1 day during the 30 days before the survey)
Variable label:	currently had at least one drink of alcohol on school property

qhowmarijuana:

During the past 30 days, how did you usually use marijuana?

A.   I did not use marijuana during the past 30 days
B.   I smoked it in a joint, bong, pipe, or blunt
C.   I ate it in food such as brownies, cakes, cookies, or candy
D.   I drank it in tea, cola, alcohol, or other drinks
E.   I vaporized it
F.   I used it some other way

Variable label: Usual use of marijuana

Short response:
A.   Did not use marijuana
B.   Smoked it
C.   Ate in food
D.   Drank in tea or other drink
E.   Vaporized
F.   Some other way

qnhowmarijuana*;

Numerator:	Students who answered B
Denominator:	Students who answered B, C, D, E, or F
Summary text:	Percentage of students who usually used marijuana by smoking it in a joint, bong, pipe, or blunt (during the 30 days before the survey, among students who used marijuana)
Variable label:	Usually used marijuana by smoking it in a joint, bong, pipe, or blunt

qmarijuanaschool:

During the past 30 days, how many times did you use marijuana on school property?

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: Marijuana use at school

qnmarijuanaschool:

Numerator: Students who answered B, C, D, E, or F
Denominator: Students who answered A, B, C, D, E, or F
Summary text: Percentage of students who used marijuana on school property (one or more times during the 30 days before the survey)
Variable label: Used marijuana on school property

qcurrentcocaine:

During the past 30 days, how many times did you use 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: Current cocaine use

qncurrentcocaine:

Numerator: Students who answered B, C, D, E, or F
Denominator: Students who answered A, B, C, D, E, or F
Summary text: Percentage of students who currently used any form of cocaine (including powder, crack, or freebase, one or more times during the 30 days before the survey)
Variable label: Currently used any form of cocaine

qhallucdrug:

During your life, how many times have you used hallucinogenic drugs, such as LSD, acid, PCP, angel dust, mescaline, or mushrooms?

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 used hallucinogenic drugs

qnhallucdrug:

Numerator: Students who answered B, C, D, E, or F
Denominator: Students who answered A, B, C, D, E, or F
Summary text: Percentage of students who ever used hallucinogenic drugs (such as LSD, acid, PCP, angel dust, mescaline, or mushrooms, one or more times during their life)
Variable label: Ever used hallucinogenic drugs

qprescription30d:

During the past 30 days, how many times did you take a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription?

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: Times take drug w/o prescription 30d

qnprescription30d:

Numerator:	Students who answered B, C, D, E, or F
Denominator:	Students who answered A, B, C, D, E, or F
Summary text:	Percentage of students who currently took a prescription drug without a doctor's prescription (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax, one or more times during the 30 days before the survey)
Variable label:	Currently took a prescription drug without a doctor's prescription

qgenderexp:

A person's appearance, style, dress, or the way they walk or talk may affect how people describe them. How do you think other people at school would describe you?

A.   Very feminine
B.   Mostly feminine
C.   Somewhat feminine
D.   Equally feminine and masculine
E.   Somewhat masculine
F.   Mostly masculine
G.   Very masculine

Variable label: Others description of your masc/fem

qngenderexp:

Numerator:	Students who answered D
Denominator:	Students who answered A, B, C, D, E, F, or G
Summary text:	Percentage of students who think other people at school would describe them as equally feminine and masculine
Variable label:	think other people at school would describe them as equally feminine and masculine

qtaughtHIV:

Have you ever been taught about AIDS or HIV infection in school?

A.   Yes
B.   No
C.   Not sure

Variable label: Ever taught about AIDS/HIV at school

qntaughtHIV:

Numerator:	Students who answered A
Denominator:	Students who answered A, B, or C
Summary text:	Percentage of students who have been taught about AIDS or HIV infection in school
Variable label:	Have been taught about AIDS or HIV infection in school

qtaughtsexed:

Have you ever had sex education in school?
- **A.** **Yes**
- B. No
- C. Not sure

Variable label: Ever had sex education in school

qntaughtsexed:

Numerator: Students who answered A
Denominator: Students who answered A, B, or C
Summary text: Percentage of students who have had sex education in school
Variable label: Have had sex education in school

qtaughtstd:

Have you ever been taught in school about sexually transmitted diseases (STDs)?
- **A.** **Yes**
- B. No
- C. Not sure

Variable label: Ever been taught in school about STDs

qntaughtstd:

Numerator: Students who answered A
Denominator: Students who answered A, B, or C
Summary text: Percentage of students who have been taught in school about sexually transmitted diseases (STDs)
Variable label: Have been taught in school about sexually transmitted diseases (STDs)

qtaughtbc:

Have you ever been taught in school about birth control methods?
- **A.** **Yes**
- B. No
- C. Not sure

Variable label: Ever been taught about BC methods in sch

qntaughtbc:

Numerator: Students who answered A
Denominator: Students who answered A, B, or C
Summary text: Percentage of students who have been taught in school about birth control methods
Variable label: Have been taught in school about birth control methods

qdietpop:
During the past 7 days, how many times did you drink a can, bottle, or glass of diet soda or pop, such as Diet Coke, Diet Pepsi, or Sprite Zero?
A.   I did not drink diet 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: Diet soda drinking >=1 time/day

Short response:
A.   Did not drink diet 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

qndietpop:
Numerator: Students who answered D, E, F, or G
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students drank a can, bottle, or glass of diet soda or pop (such as Diet Coke, Diet Pepsi, or Sprite Zero one or more times per day, during the 7 days before the survey)
Variable label: Drank a can, bottle, or glass of diet soda or pop

qcoffeetea:

During the past 7 days, how many times did you drink a cup, can, or bottle of coffee, coffee drinks, or any kind of tea?

A.   I did not drink coffee, coffee drinks, or tea 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: Coffee/tea drinking >=1 time/day

Short response:
A.   Did not drink coffee or tea
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

qncoffeetea:

Numerator: Students who answered D, E, F, or G
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who drank a cup, can, or bottle of coffee, coffee drinks, or any kind of tea (one or more times per day, during the 7 days before the survey)
Variable label: Drank a cup, can, or bottle of coffee, coffee drinks, or any kind of tea

qsportsdrink:

During the past 7 days, how many times did you drink a can, bottle, or glass of a sports drink such as Gatorade or PowerAde? (Do not count low-calorie sports drinks such as Propel or G2.)

A.   **I did not drink sports drinks 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: Sports drinks

Short response:
A.   **Did not drink sports drinks**
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

qnsportsdrink:

Numerator: Students who answered A
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who did not drink a can, bottle, or glass of a sports drink
                    (such as Gatorade or PowerAde, not including low-calorie sports drinks such as
                    Propel or G2, during the 7 days before the survey)
Variable label: Did not drink a can, bottle, or glass of a sports drink

qenergydrink:

During the past 7 days, how many times did you drink a can, bottle, or glass of an energy drink, such as Red Bull or Jolt? (Do not count diet energy drinks or sports drinks such as Gatorade or PowerAde.)

A.   I did not drink energy drinks 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: Energy drink >=1 time/day

Short response:
A.   Did not drink energy drinks
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

qnenergydrink:

Numerator: Students who answered D, E, F, or G
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who drank a can, bottle, or glass of an energy drink (such as Red Bull or Jolt, not including diet energy drinks or sports drinks such as Gatorade or PowerAde, one or more times per day during the 7 days before the survey)
Variable label: Drank a can, bottle, or glass of an energy drink

qsugardrink:

During the past 7 days, how many times did you drink a can, bottle, or glass of a sugar-sweetened beverage such as lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? (Do not count soda or pop, sports drinks, energy drinks, or 100% fruit juice.)
A.   I did not drink sugar-sweetened beverages 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: Sugar-sweetened beverage >=1 time/day

Short response:
A.   Did not drink sugar drinks
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

qnsugardrink:

Numerator: Students who answered D, E, F, or G
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who drank a can, bottle, or glass of a sugar-sweetened beverage (such as lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight, not counting soda or pop, sports drinks, energy drinks, or 100% fruit juice, one or more times per day during the 7 days before the survey)
Variable label: Drank a can, bottle, or glass of a sugar-sweetened beverage

qwater:

During the past 7 days, how many times did you drink a bottle or glass of plain water? (Count tap, bottled, and unflavored sparkling water.)

A. **I did not drink water 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: Plain water

Short response:
A. **Did not drink water**
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

qnwater:

Numerator: Students who answered A
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)
Variable label: Did not drink a bottle or glass of plain water

qfastfood:

During the past 7 days, on how many days did you eat at least one meal or snack from a fast food restaurant such as McDonald's, Taco Bell, or KFC?

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: Meal/snack fast food >= 3 days

qnfastfood:

Numerator: Students who answered D, E, F, G, or H
Denominator: Students who answered A, B, C, D, E, F, G, or H
Summary text: Percentage of students who ate at least one meal or snack from a fast food restaurant (such as McDonald's, Taco Bell, or KFC, on three or more days during the 7 days before the survey)
Variable label: Ate at least one meal or snack from a fast food restaurant

qwenthungry:

During the past 30 days, how often did you go hungry because there was not enough food in your home?

A.   Never
B.   Rarely
C.   Sometimes
D.   **Most of the time**
E.   **Always**

Variable label: How often went hungry

qnwenthungry:

Numerator:	Students who answered D or E
Denominator:	Students who answered A, B, C, D, or E
Summary text:	Percentage of students who most of the time or always went hungry because there was not enough food in their home (during the 30 days before the survey)
Variable label:	Most of the time or always went hungry because there was not enough food in their home

qmusclestrength:

During the past 7 days, on how many days did you do exercises to **strengthen or tone your muscles**, such as push-ups, sit-ups, or weight lifting?

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: Muscle strengthening

qnmusclestrength:

Numerator:	Students who answered D, E ,F , G, or H
Denominator:	Students who answered A, B, C, D, E, F, G, or H
Summary text:	Percentage of students who did exercises to strengthen or tone their muscles on three or more days (such as push-ups, sit-ups, or weight lifting, during the 7 days before the survey)
Variable label:	Did exercises to strengthen or tone their muscles on three or more days

qsunscreenuse:

When you are outside for more than one hour on a sunny day, how often do you wear sunscreen with an SPF of 15 or higher?

A. Never
B. Rarely
C. Sometimes
D. Most of the time
E. Always

Variable label: Sunscreen use outside

qnsunscreenuse:

Numerator: Students who answered D or E
Denominator: Students who answered A, B, C, D, or E
Summary text: Percentage of students who most of the time or always wear sunscreen (with an SPF of 15 or higher when they are outside for more than one hour on a sunny day)
Variable label: Most of the time or always wear sunscreen

qindoortanning:

During the past 12 months, how many times did you use an indoor tanning device such as a sunlamp, sunbed, or tanning booth? (Do not count getting a spray-on tan.)

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: Indoor tanning

qnindoortanning:

Numerator: Students who answered B, C, D, E, or F
Denominator: Students who answered A, B, C, D, E, or F
Summary text: Percentage of students who used an indoor tanning device (such as a sunlamp, sunbed, or tanning booth [not including getting a spray-on tan], one or more times during the 12 months before the survey)
Variable label: Used an indoor tanning device

qcurrentasthma:

Do you still have asthma?

A. I have never had asthma
B. Yes
C. No
D. Not sure

Variable label: Current asthma

qncurrentasthma*:

Numerator: Students who answered B
Denominator: Students who answered A to Q47 and answered A, B, C, or D
Summary text: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma
Variable label: Had been told by a doctor or nurse that they had asthma and who still have asthma
Dependence: Depends on Q47

qwheresleep:

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

Short response:
A.   Parent's or guardian's home
B.   Home of friend/family/other
C.   Shelter or emergency housing
D.   Motel or hotel
E.   Car, park, campground
F.   No usual place to sleep
G.   Somewhere else

qnwheresleep:

Numerator: Students who answered B, C, D, E, or F
Denominator: Students who answered A, B, C, D, E, F, or G
Summary text: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)
Variable label: did not usually sleep in their parent's or guardian's home

qhivtesting:

Have you ever been tested for HIV, the virus that causes AIDS?
A.   **Yes**
B.   No
C.   Not sure

Variable label: HIV testing

qnhivtesting:

Numerator: Students who answered A
Denominator: Students who answered A, B, or C
Summary text: Percentage of students who have been tested for HIV (the virus that causes AIDS)
Variable label: Have been tested for HIV

qsexid:

Which of the following best describes you?
A.   Heterosexual (straight)
B.   Gay or lesbian
C.   Bisexual
D.   Not sure

Variable label: Sexual identity

qsamesex:

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 contact

qoralsex:

Have you ever had oral sex?

A.   Yes

B.   No

Variable label: Ever had oral sex

qnoralsex:

Numerator: Students who answered A

Denominator: Students who answered A or B

Summary text: Percentage of students who have had oral sex

Variable label: Have had oral sex

qsynthmarijuana:

During your life, how many times have you used **synthetic marijuana** (also called K2 or Spice)?

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: Lifetime synthetic marijuana use

qnsynthmarijuana:

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

Denominator: Students who answered A, B, C, D, E, or F

Summary text: Percentage of students who ever used synthetic marijuana (also called K2 or Spice, one or more times during their life)

Variable label: Ever used synthetic marijuana