

2017 Maine Integrated Youth Health Survey (MIYHS)

Methodological Summary – All Surveys

~ Kindergarten and Third Grade ~

~ Fifth and Sixth Grade ~

~ Middle School (7th and 8th Grades) ~

~ High School (9th through 12th Grades) ~



~ A survey of the health of Maine's youth ~

Reporting on the prevalence of various health behaviors
among Maine students in Kindergarten and Third Grade;
Fifth and Sixth Grade; Seventh and Eighth Grade; and
Ninth through Twelfth Grade

Prepared for

The Maine Department of Education and the Maine Department of Health and Human Services

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June 29, 2018

Acknowledgements

The MIYHS Team involved in this project would like to extend many thanks to the principals and superintendents who chose to participate in the 2017 MIYHS, and to the teachers and school staff who supported the effort. Most importantly, we would like to thank the students and parents who took the time and effort to share their experiences with us. This report, along with the results report that can be found at the MIYHS website (<https://data.mainepublichealth.gov/miyhs/home>), is our way of thanking all of you. We hope you find the information contained in this report insightful and useful.

The development and implementation of the 2017 Maine Integrated Youth Health Survey (MIYHS) was a collaborative effort between the Maine Department of Education and the Maine Department of Health and Human Services. Pan Atlantic Research of Portland, Maine administered the 2017 MIYHS and compiled the results. Technical services (including sampling, weighting, and automated report generation) were provided by ICF International's survey research group based in Burlington, Vermont.

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2017 MIYHS METHODOLOGY

Methodology

A. Introduction

This report describes the methods used to conduct the 2017 Maine Integrated Youth Health Survey (MIYHS).

In 2009, the Maine Integrated Youth Health Survey (MIYHS) was constructed to improve data quality, better utilize resources, and reduce survey-related burdens on Maine schools. By collaborating and bringing together multiple youth-related surveys into one comprehensive survey, we are able to lessen the burden on schools posed by multiple survey requests while providing local and state-level data on a broad range of health topics concerning youth. The survey was administered for the fifth time in February, 2017.

B. Overall Survey Design

The MIYHS is composed of four surveys: a K/3 survey of parents of students in kindergarten and third grade, a 5/6 survey of students in grades 5 and 6, a middle school (MS) survey of students in grades 7 and 8, and a high school (HS) survey of students in grades 9, 10, 11 and 12. The MS and HS surveys are further broken down into four versions each (Version A, Version B, Version C, and Version D). The 2017 MIYHS survey instruments were modified slightly from those used in 2015. The 2017 survey instruments can be found online at: <https://data.mainepublichealth.gov/miyhs/methodology>; the survey questions can be found in the codebooks in Appendix A of this report.

For the purpose of the MIYHS project, the term “module” refers to the separate K/3 student and parent data collection, the 5/6 student data collection, the entire grade 7-8 middle school student survey, and the entire grade 9-12 high school student survey. The term “version” distinguishes data coming from the A, B, C, and D questionnaires for the middle and high school modules.

A census (i.e., all schools were invited to participate) was taken at the middle and high school grades to support estimates at the county level; a sample of schools designed to support estimates at the Public Health District (PHD) level was drawn for grades five and six; and a sample of schools designed to support estimates at the state level was drawn at the kindergarten and third grade levels.

Following the 5/6 and K/3 sampling, schools were contacted to initiate the data collection process. Occasionally during this process, it was determined that some schools were no longer eligible to

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take the survey – most often through a re-configuration of grades, but sometimes due to school closings (see next two sections for more information on the sampling methodology).

Some schools with students in grades 5 and/or 6 were not selected as part of the 5/6 sample, but chose to participate in the survey to receive data for their school; these schools are referred to as “volunteer” schools. Table 1 lists the total number of schools in the sampling frame by survey level (“Frame Count”), the number of schools that were sampled (“Sampled”) and the number that opted to participate (“Responding”).

Survey	Frame Count	Sampled	Responding
K/3	335	24	22
5/6	343	129	76 (104*)
MS	193	193	143
HS	131	131	109
Total	1,002	477	350
*Responding including "volunteer" schools			

Both the middle school and high school surveys were organized into four versions each in order to collect data on a broad array of topics while keeping the number of questions on the survey reasonable for both the students and schools. Four data collection instruments (Version A, Version B, Version C, and Version D) were developed for both the MS and HS surveys, with questions appearing on one or more versions.

The 2017 MIYHS consisted of four modules and ten distinct survey versions:

- K/3 parent survey module:
 - ✓ 52 questions on one survey version.
 - ✓ Sampling of schools provided state-level data only.
- 5/6 survey module:
 - ✓ 50 questions on one survey version.
 - ✓ Sampling of schools provided public health district- and state-level data.
 - ✓ Schools could voluntarily participate if they were not selected as part of the sample.

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- Middle school survey module:
 - ✓ All middle schools were invited to participate.
 - ✓ Four versions of the survey (Version A, Version B, Version C, Version D) were used.
 - ✓ 46 core questions were included in all four versions of the survey and provided data at all geographic levels (state, public health district, and county, SAU/district, and school).
 - ✓ 46 questions were on two versions of the survey and provided county-, public health district-, and state-level data.
 - ✓ 47 questions were on only one version of the survey (version A, B, C, or D) and provided state-level data only.
 - ✓ Version C of the survey satisfied the requirements of the U.S. CDC to be included as part of 2017 Youth Risk Behavior Survey (YRBS).

- High school survey module:
 - ✓ All high schools were invited to participate.
 - ✓ Four versions of the survey (Version A, Version B, Version C, Version D) were used.
 - ✓ 64 core questions were included in all four versions of the survey and provided data at all geographic levels (state, public health district, and county, SAU/district, and school).
 - ✓ 58 questions were on two versions of the survey and provided county-, public health district-, and state-level data.
 - ✓ 70 questions were on only one version of the survey (version A, B, C, or D) and provided state-level data only.
 - ✓ Version C of the survey satisfied the requirements of the U.S. CDC to be included as part of the 2017 YRBS.

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C. Sampling Frame Construction

The sampling frames for the 2017 MIYHS consisted of all Maine’s public schools and quasi-public schools (private schools with at least 60% publicly funded students) with any of the following grades: (1) kindergarten/third grade (K/3); (2) fifth/sixth grade (5/6); (3) seventh/eighth grade (MS); and (4) ninth through twelfth grade (HS). However, small schools – those with fewer than 10 students in the grades covered by the survey level(s) in question – were excluded from the frame. In addition, a small number of schools were flagged as “special” situation schools and were excluded from the sampling; “special” situation schools included alternative education schools and youth development centers.

The information for the sampling frame was obtained from the Maine Department of Education (DOE) using enrollment data as of April 1, 2016. The DOE data file included data on county, school district, and enrollment by grade. Table 2 summarizes the MIYHS sampling frame.

Survey Module	Eligible Grades	Schools On File	Small Schools	Eligible Schools
K/3	Kindergarten, Third	358	23	335
5/6	Fifth, Sixth	363	20	343
MS	Seventh, Eighth	207	11	196
HS	Ninth, Tenth, Eleventh, Twelfth	132	0	132
All Schools*		577*	14*	563*

** Note: Totals by survey don’t sum to the “All Schools” row because many schools span multiple surveys.*

Schools in the frame contained a total eligible enrollment of 134,746 students. Less than 1% of students in all eligible grades were excluded due to dropping small schools.

D. Sampling Process

Kindergarten and Third Grade Sample:

For both the 2015 and 2017 MIYHS, the sampling protocol used was developed according to guidelines from the National Oral Health Surveillance System (NOHSS)¹. Previous years used a stratified random sample of 24 schools stratified by county (without replacement). However, low response rates often prevented the release of weighted data. To increase representativeness, a systematic clustered random sample design with replacement was implemented. The frame of eligible schools was sorted by county and the percent of students receiving free or reduced lunches (FRL). A sampling interval of 14.33 was computed by dividing the frame of 344 schools by the desired sample size of 24 schools. A random number was chosen between 1 and

¹ <http://www.astdd.org/docs/school-survey-sampling-guidance-june-2015.pdf>

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14.33; the number randomly chosen was 1. Thus, the first school, and every 14.33th school rounded to the nearest integer, was chosen. This implicit stratification by county and FRL ensures that the sample is representative by geography and economic status. If a school failed to respond, it was replaced by another school chosen randomly from the same sampling interval as the nonresponding school. This way the newly selected school was similar in economic status and likely to be in the same county as the school it replaced.

The sample size was designed to support statewide analysis. Data are not available by county or public health district. Table 3 displays the K/3 sample information by county.

County	Eligible Enrollment	# of Eligible Schools	# of Schools sampled
Androscoggin	2,447	23	1
Aroostook	1,250	22	2
Cumberland	5,565	47	3
Franklin	503	9	1
Hancock	969	23	2
Kennebec	2,514	32	2
Knox	716	14	1
Lincoln	630	11	1
Oxford	1,449	18	1
Penobscot	2,824	33	2
Piscataquis	273	4	1
Sagadahoc	681	11	0
Somerset	974	18	2
Waldo	737	16	1
Washington	596	21	1
York	3,985	33	3
Total	26,113	335	24

Fifth and Sixth Grade Sample:

The fifth and sixth grade sample (5/6) consisted of a simple random sample of schools stratified by Public Health District. The sample was drawn to yield approximately the same precision -- a margin of error of ± 5 percentage points at the 95% confidence level -- within each PHD. The number of schools selected for the sample varied by PHD depending on total student enrollment and average number of students per school. The sample sizes were designed to support estimates by State and Public Health District, as well as school and School Administrative Unit (SAU) level analyses. Table 4 lists the 5/6 sample information by Public Health District.

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Public Health District	Eligible Enrollment	Eligible Schools	Drawn Schools
Aroostook	1,308	23	21
Central	3,519	48	14
Cumberland	5,815	49	8
Downeast	1,598	45	31
Midcoast	2,789	54	15
Penquis	3,259	39	12
Western	4,199	51	17
York	4,275	34	11
Total	26,762	343	129

Schools with grades 5 and/or 6 not selected as part of the 5/6 sample were also invited to participate in the MIYHS as a “volunteer school.” There were 28 “volunteer schools” in the 5/6 module of the 2017 MIYHS. These schools are included in the full dataset; however, data from these schools were treated slightly differently in the weighting process, as described in Section L of this report.

Middle School Sample (Grades 7-8):

All eligible middle schools were asked to participate in the survey. The questionnaire was divided into four “versions” or different survey instruments, labeled A, B, C and D. Each question, or survey item, was placed on one, two, or all four versions (see Appendix A for more information on which questions were included in which version).

Each school was randomly assigned to either version pair AC or version pair BD. The assignment was made independently within county, so that roughly equal numbers of schools in each county would be assigned to each version pair. While version assignments were not done proportional to size, schools were sorted by school enrollment before the assignments were made (in an alternating fashion); this ensured an even distribution of versions across schools of differing sizes.

Alternate classes within each participating school were assigned one version or the other from the pair. If the class list provided by a school to Pan Atlantic contained classes with mixed grades (for example, 7th grade students and 8th grade students being together in the same classroom at the time of the survey administration), version assignment was conducted at random. If the class list supplied separated students by grade (for example, grade-based English classes meaning that 7th and 8th grade students would be in separate classrooms during survey administration), the assignments were done to ensure as much

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representation by grade within each version as possible. So, for example, in a middle school assigned to version BD, one-half of the classes in each of grade seven and grade eight would be assigned the version B questionnaire, and the other half would be assigned to the version D questionnaire.

Table 5 displays the MS sample information by county.

County	AC Version Assignment		BD Version Assignment	
	Eligible Enrollment	Schools	Eligible Enrollment	Schools
Androscoggin	1,148	4	1,027	3
Aroostook	889	8	480	8
Cumberland	2,937	10	2,654	9
Franklin	389	3	313	4
Hancock	505	11	451	11
Kennebec	1,123	6	1,118	7
Knox	184	4	375	4
Lincoln	434	4	253	4
Oxford	884	4	385	3
Penobscot	1,535	13	1,360	13
Piscataquis	144	2	229	2
Sagadahoc	303	2	446	2
Somerset	404	6	886	5
Waldo	380	4	314	3
Washington	297	11	327	11
York	2,242	8	2,228	7
Total	13,798	100	12,846	96

The distribution of questions on the versions of the survey was designed to support analysis at a variety of levels, depending on the number of versions on which a particular question appears. Questions appearing on just one version support analysis at the state level only; questions appearing on two versions support analysis on the state, PHD, and county levels; and questions appearing on all four versions support analysis on the state, PHD, county, SAU/district, and school levels.

High School Sample (Grades 9-12):

All eligible high schools were asked to participate in the survey. As with the MS survey, the questionnaire was divided into four “versions”, with each school assigned to either version pair AC or version pair BD. The assignment was made independently within county, so that roughly equal numbers of schools in each county would be assigned to each version pair. Prior to assignment, schools were sorted by enrollment.

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The procedure of assigning versions within each school followed the same process as was used for the MS survey.

Table 6 lists the HS sample information by county.

Table 6 – HS Sample by County				
	AC Version Assignment		BD Version Assignment	
County	Eligible Enrollment	Schools	Eligible Enrollment	Schools
Androscoggin	1,715	3	2,410	3
Aroostook	1,419	8	1,446	8
Cumberland	6,536	9	6,127	10
Franklin	737	2	644	2
Hancock	1,050	3	883	4
Kennebec	2,712	5	2,077	5
Knox	436	2	805	3
Lincoln	383	2	1,042	2
Oxford	1,936	4	900	3
Penobscot	3,172	8	3,378	8
Piscataquis	290	2	523	2
Sagadahoc	606	1	876	2
Somerset	1,275	4	1,157	4
Waldo	902	2	203	2
Washington	938	4	344	4
York	5,044	6	2,953	5
Total	29,151	65	25,768	67

Following the same process as the MS survey, the distribution of questions on the versions of the HS survey was designed to support analysis at a variety of levels, depending on the number of versions a particular question appeared. Questions appearing on just one version support analysis at the state level only; questions appearing on two versions support analysis on the state, PHD, and county levels; and questions appearing on all four versions support analysis on the state, PHD, county, SAU/district, and school levels.

E. Survey Questions

The 2017 MIYHS questions were adapted from various previous surveys, including:

- The Youth Risk Behavior Survey (YRBS)
- The Maine Youth Drug and Alcohol Use Survey (MYDAUS)
- The Youth Tobacco Survey (YTS)
- The Search Institute’s Developmental Assets Profile

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- The Maine Child Health Survey
- Monitoring the Future Survey (MTF)
- Other states' student health surveys
- Other national surveys

Stakeholders from both state agencies and partner agencies with a specific interest or expertise in various subject areas were consulted in the selection of questions. Priority in question selection was based on criteria such as program and funding requirements and proposed uses of the data. The survey questions included in the four modules (K/3, 5/6, MS and HS) of the 2017 MIYHS can be found in the codebooks in Appendix A.

F. School Recruitment Procedures

To maximize school participation, numerous communications were sent to the schools selected to participate in the 2017 MIYHS; the communications included:

1. "Save the Date" postcards sent to principals (Appendix B, Page B-1),
2. Information provided to superintendents:
 - a. School Nurse Summer Institute, July 11-12, 2016
 - b. Maine DOE Newsroom announcement, August 17, 2016 (Page B-2),
 - c. September 2016 Regional Superintendent Meeting Highlights, and
 - d. Maine DOE Newsroom announcement, November 15, 2016 (Page B-2).
3. Recruitment packets – sent to the principals of all schools in the sampling frame with any grades seven through twelve, as well as to the principals of the schools that were selected in the K/3 and 5/6 samples – which included:
 - a. A recruitment letter (Note: numerous versions of the letter were created depending on each school's particular set of circumstances; a sample letter, one of 16 versions that were sent, can be found on Page B-5).
 - b. A MIYHS Information sheet (Page B-6),
 - c. A letter of intent fax-back form (Page B-7)

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4. Letters emailed to school nurses of schools selected in the K/3 and/or 5/6 samples with information about the height/weight and oral health screenings (a sample letter, one of two versions, can be found on Page B-9).

In addition to these communications, the staff at Pan Atlantic Research had intensive contact with superintendents and principals (via phone and e-mail) to secure participation over a four-month period. In some areas, staff of local Maine Prevention Services vendors, local Drug Free Community Grantees, and/or staff of the Maine CDC (as appropriate) contacted principals and/or superintendents to encourage participation.

Principals who wanted their school to participate in the survey completed the letter of intent fax-back form and returned it to Pan Atlantic Research. The staff at Pan Atlantic Research then contacted each participating school to coordinate participation in the survey; these communications included a confirmation communication sent to principals (Appendix B, Page B-7).

G. Consent

Both active and passive consent approaches were utilized for the 2017 MIYHS. Active consent was required for the K/3 survey. For this survey, letters (Page B-10), consent forms (Page B-11), and surveys were sent home with the 1,827 children selected for the survey. Parents were asked to complete the consent form and the survey based on the child selected and mail them directly to Pan Atlantic. Parents were given the opportunity to opt out of the survey at any time during the survey process. Parents who did not respond to the survey within a three week timeframe received the survey a second time, utilizing the same process as above, but excluding parents that had already responded. (Page B-12). Multiple attempts to reach non-respondents after the second round were made via telephone by Pan Atlantic Research staff. As an incentive, parents who responded either by mail or by telephone, and opted to, were entered into a drawing for one of three \$100 Hannaford gift cards. During telephone follow-up, the informed consent material was read to the parent and verbal consent replaced the written consent.

Passive consent was used for the 5/6, MS, and HS surveys in the 2017 MIYHS. To obtain passive consent, participating schools were required to send an informational letter to parents via e-mail or, for those parents without an email address on record with the school, via U.S. Mail. Principals were asked to complete and return a form confirming the distribution of the parent consent letters to the Maine CDC (Appendix B, page B-19). Schools were reimbursed for any postage costs they incurred if they had to send the parent consent letters via U.S. Mail, instead of e-mail. There were three different versions of the parent consent letter, as follows:

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1. Parent consent letter for schools - 5th grade and up (Page B-13),
2. Parent consent letter for schools - 6th grade and up (Page B-15), and
3. Parent consent letter for schools - 7th grade and up (Page B-17).

Principals were informed that the parent letters were translated into several languages (Acholi, Arabic, French, Khmer, Kinyarwanda, Mandarin, Somali, Spanish, and Vietnamese) and would be made available upon request. The letter explained that the survey was anonymous, participation was voluntary, and results would only be presented in group-summary form. The letter informed parents that a copy of the survey instrument was on file at their child's schools if they wished to review it; the survey instruments for parental review were also available online. Parents who wished to decline their child's participation were asked to notify the school. Schools were told not to survey any student whose parent letter was returned undeliverable or if the student's parent declined their participation in the survey. For grades 5-12, students whose parents did not give them permission to participate in the survey and/or did not themselves wish to participate in the survey completed an alternate activity during survey administration, or sat quietly at their desk.

H. Data Collection

Participating schools in the 5/6, MS, and HS surveys were asked to administer the survey during a day and a class period that all students were required to attend (e.g., English). In addition to written surveys, measured height, weight, and oral health assessments were conducted with students in kindergarten and third grade (height/weight and oral health) and fifth grade (height/weight only). The height/weight assessments of students in fifth grade were conducted prior to the students taking the survey in February, 2017; these assessments were conducted by the school nurses (or another approved health professional) in participating schools. The height, weight, and oral health assessments for the kindergarten and third grade were done at each participating school's convenience from December 2016 through May 2017. Nursing staff were given written training instructions regarding how to collect the height and weight data for students included in the kindergarten, third, and fifth grade samples. The oral health examinations at schools were conducted by Registered Dental Hygienists or Public Health Educators that are certified by the Maine CDC's Oral Health Program.

School staff members were provided with training handbooks containing information on how to administer the survey. There were separate training instructions for school nurses (Appendix B, B-20; this is one of three versions of the handbook) and designated survey contact staff from each school (Appendix B, B-37). Designated survey contact persons (one from each school) and school nurses each were asked to complete

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and pass training reviews (“quizzes”) to ensure understanding of the survey protocol and to alert Pan Atlantic to any questions or concerns prior to administering the survey.

Survey administrators were given a script to read to the students and consent information was included on the front of the questionnaire. Students were told that they could opt out of the survey or skip any questions they did not want to answer. Schools participating in the 5/6, MS, and HS MIYHS were told to administer the survey during the time span of February 6th through February 17th, 2017. Schools were asked to hold make-up sessions for students absent at the time of the initial administration. The K/3 survey administration took place from January 2017 to June 2017.

I. Anonymity & Confidentiality

Precautions were taken to protect the confidentiality and anonymity of all students participating in the MIYHS. The MIYHS does not ask for students’ names or birthdays. During the administration of the grades 5-12 surveys, teachers monitoring the survey were asked to remain seated at the front of the class. At the end of the survey period, students were asked to insert their completed questionnaires in a large envelope as it was passed around the room, and the last student sealed the envelope before handing it back to the teacher / moderator.

The specific methodologies used for the height and weight measurements (grades K, 3, and 5) and oral health assessments (grade K and 3) are described below; these included several precautions to protect student confidentiality.

1. Kindergarten/Third Grade:

- School nurses (or other approved representatives) from each participating school sent Pan Atlantic Research an electronic class roster for kindergarten and third grade as well as contact information for each student (this included student names, parent name(s), telephone number(s), and mailing address(es)). Each class roster was compiled into an overall contact database for all participating K/3 schools.
- School nurses (or other approved health professionals) recorded each student’s height, weight, and oral health assessment information. This information was sent to Pan Atlantic Research and added to the overall contact database.
- Each parent survey contained a “lithocode”-- a random, unique identifier. This identifier was added next to each student’s information in the overall contact database.
- As parent surveys were completed (either by mail or over the telephone), the information was scanned and added into a final data file. For each completed parent survey, the corresponding student’s height, weight, and oral health assessment results were added to the end of the

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appropriate record in the final data file. The final data file contained lithocodes but no personal information that would identify a participating parent or student.

- The overall contact database was housed on the secure server at Pan Atlantic Research for the duration of the project. All employees at Pan Atlantic Research involved in the MIYHS project signed a confidentiality agreement designed to protect the privacy of all MIYHS participants.
- In the cases when a parent did not give consent for participation in the MIYHS, their student's height, weight, and oral health assessment results were either: 1) not collected, or 2) not included in the final database, depending on when the student's non-participation status became known.

2. *Fifth Grade:*

- School nurses (or other representatives) sent Pan Atlantic Research the class rosters for the fifth grade. Pan Atlantic staff then assembled, packed, and delivered or sent the necessary survey materials to each participating school.
- School nurses recorded each student's height and weight on the back of each student's survey form. The survey form was then placed in an individual 10" x 13" envelope and sealed; the nurse then wrote the student's name on the outside of each envelope.
- The nurse batched the envelopes by class and provided the batched envelopes to each fifth grade teacher.
- When it was time for the students to take the survey, the students opened their envelopes and took out their respective surveys. Each student then discarded the outer envelope with their name on it.
- At the end of the survey period, a class envelope was passed around the room. The final student sealed the class envelope and gave it back to the teacher. The surveys were then sent (unopened) to Pan Atlantic Research.
- Any and all student information was either uncollected or unused (and subsequently destroyed) in the cases when a parent denied consent for their child to participate in the MIYHS.

As is detailed further in Section M (Estimation and Reporting), additional measures were taken to safeguard students' anonymity during the data reporting aspect of the MIYHS project.

J. Data Preparation

After the completed questionnaires were returned to Pan Atlantic Research offices in Portland, Maine, the surveys were organized, tallied, and scanned. The scanning process is a months-long, painstaking process of ensuring that thousands of surveys with marks on a page are properly translated into accurate data files. As surveys were processed and in addition to machine checks in later steps, PAR staff manually checked surveys and data files throughout the process for proper counts, marks, and anomalies to ensure accuracy. Raw data files were then provided to ICF International (PAR subcontractor) by PAR; at this point, ICF International completed the data preparation phase of the project by reformatting and checking the data and running logic checks.

Questionnaires were scanned into tables in Excel and each question was assigned a variable name that allows for the same question to be easily analyzed over time. The scanning process coded items where the student filled in multiple responses on the answer form as a “*”. This was coded to a missing value during the reformatting process. Blank responses were also coded to a missing value. Responses that were outside of the range of valid choices (e.g., “E” was selected for a variable that only had “A” to “D” answer choices) were also set to missing.

A set of rules for ensuring consistency across responses was developed based on the editing protocol used by the U.S. CDC for the YRBS; the actual editing rules were adapted to the specific needs of the MIYHS project (see Appendix C for the data editing protocol employed in the 2017 MIYHS). These rules compared responses to more than one item. If an inconsistency was found, all of the items involved (with the exception of demographic variables) were set to missing. For example, if an adolescent reported that s/he did not smoke cigarettes in one question, but responses to other questions about smoking were not consistent with the first smoking question, responses to the inconsistent smoking-related questions were set to missing.

As a final step, entire data records were subverted – or excluded from the weighted public use file – if the number of valid responses was 20 or fewer for an entire questionnaire. This is consistent with U.S. CDC methodology for the YRBS. Table 7 below lists the subverted records by survey.

Table 7 - Subverted Records by Survey		
Survey Module	Subverted Data Records	Non-Subverted Data Records
K/3	3	925
5/6	40	7,269
MS	145	18,561
HS	315	35,504
Total	503	62,259

K. Response Rates

The response rates by public health district and county, as well as the response rates for each module and version combination for the middle school and high school survey, can be found in Appendix D.

L. Weighting

Weighting is used to make the resulting data more representative of the total population of interest (all students in those grades in that geographic area or school), not just a reflection of those who took the survey. Weights were calculated for the K/3, 5/6, MS, and HS surveys.

L1. Base Weights

Base weights were calculated for each school and version as the inverse of the selection probability for the school/version combination.

Schools that were not sampled but provided data (“volunteer” schools) were given a base weight of 1.0. In other words, they were weighted to be self-representing. Replacement schools were given the base weight of the originally sampled school.

For the K/3 survey, each school had an equal probability of selection, so the base weight was 1. For the 5/6 survey, the selection probabilities were obtained directly from the output of the SAS sampling programs. Table 8 shows that the weight calculation was simply:

Table 8 – Base Weight Calculation
$base_wt = 1 / (selectionprob)$

Methodology

For the MS and HS surveys, all eligible schools were selected to take the survey. Therefore, at the school level, these all received an initial base weight of 1.0. However, the base weights of schools that participated in the HS and MS surveys were also designed to reflect the probability of assignment to specific versions. Version assignment probabilities were computed from counts obtained by summarizing the response data. For school version probabilities, the ratio of schools assigned each version pair to the overall number of schools within counties was used. For class versions (that is, the version or survey actually assigned to a class) the ratio of class versions to all classes within the school was used. Version assignment probabilities are given in Table 9, where n represents the count of responding schools by version and county, and c represents the count of classes with a given school. Overall probability of each version assignment was found by multiplying the school probability for that version by the class probability for that version.

Table 9 – Version Assignment Probabilities
<p>S_mod_p= school version probability: n=number of schools</p> $s_mod_p_{AC} = n_{AC, county} / n_{county}$ $s_mod_p_{BD} = n_{BD, county} / n_{county}$
<p>c_mod_p=class version assignment probability c=number of classes per school</p>
$c_mod_p_A = C_{a,ac\ school, county} / C_{ac\ school, county}$
$c_mod_p_C = C_{c,ac\ school, county} / C_{ac\ school, county}$
$c_mod_p_B = C_{b,bd\ school, county} / C_{bd\ school, county}$
$c_mod_p_D = C_{d,bd\ school, county} / C_{bd\ school, county}$
<p>mod_p=probability of version assignment</p>
$mod_p_A = s_mod_p_{AC} * c_mod_p_A$
$mod_p_B = s_mod_p_{BD} * c_mod_p_B$
$mod_p_C = s_mod_p_{AC} * c_mod_p_C$
$mod_p_D = s_mod_p_{BD} * c_mod_p_D$

Methodology

The assignment probabilities of each version were inverted to obtain a stage weight for the school and class within school version assignment process. The base weights for high schools and middle schools were then computed as the inverse of the product of these stage weights, as shown in Table 10:

Table 10 – Version Base Weight Calculations	
$\text{base_wt}_M = 1 / \text{mod_p}_M, M \in (A, B, C, D)$	

Finally, the base weights were merged onto the response data file. Table 11 presents summary statistics for the resulting base weights by survey and version.

Table 11 – Base Weight Summary by Survey and Version					
		Base Weight			
Survey	Class Version	Min.	Mean	Max.	C.V.
K/3	X	1	1	1	0
5/6	X	1.00	2.47	6.13	65.19
MS	A	1.75	3.71	6.00	13.21
	B	1.89	4.11	5.71	17.04
	C	1.75	3.76	6.00	11.86
	D	2.00	4.18	6.00	15.83
HS	A	3.00	4.13	6.25	16.43
	B	1.50	3.84	5.67	14.73
	C	3.00	4.09	6.21	16.54
	D	3.00	3.93	6.38	13.43

L2. Poststratification

Poststratification, or the adjustment of weights so that weighted counts match known reference figures, serves to ensure that the weighted student distribution matches that of the population in terms of demographic characteristics such as grade, gender and race. In doing so, the poststratification adjustment compensates for non-response at both the student and school levels.

Methodology

The MIYHS uses a ratio adjustment for poststratification. Adjustment classes are created by the cross-tabulation of grade, gender, race/ethnicity and analysis level (e.g., state, county, public health district, school). For each adjustment class, the base weights are multiplied by the ratio of the actual population count in that class (e.g., number of girls in 7th grade) to the weighted estimate, or sum of the weights.

Prior to assigning student data records to adjustment classes, the demographic variables used to define these classes were imputed. This procedure assigns a value for grade, gender or race/ethnicity for cases where the student did not provide this data. Imputation was performed using a “hot-deck” method, in which the value assigned to the missing variable was drawn randomly from the empirical distribution formed from the non-missing data. The imputed values were used in the post-stratification but were not kept on the data file, thus the analysis of these variables will reflect the missing values present in the original response data, and weighted totals may not necessarily match actual population counts exactly.

Table 12 shows the imputation counts for poststratification adjustments. Each row represents the variables that were imputed. For example, the first row for each module shows the number and percent of surveys that were not imputed. The second row shows the number of times race/ethnicity was imputed and the percentage of surveys that it represents. For the 5/6 survey, 1,386 surveys had only race and ethnicity imputed and 34 had both sex and race and ethnicity imputed.

Module	Grade	Sex	Race/Ethnicity	Case Count	Percentage of cases*
K/3	Not Imputed	Not Imputed	Not Imputed	897	96.97
	Not Imputed	Not Imputed	Imputed	13	1.41
	Not Imputed	Imputed	Not Imputed	10	1.08
	Not Imputed	Imputed	Imputed	1	0.11
	Imputed	Not Imputed	Not Imputed	3	0.32
	Imputed	Not Imputed	Imputed	1	0.11
	Imputed	Imputed	Not Imputed	0	0
	Imputed	Imputed	Imputed	0	0
5/6	Not Imputed	Not Imputed	Not Imputed	5,715	78.62
	Not Imputed	Not Imputed	Imputed	1,386	19.07
	Not Imputed	Imputed	Not Imputed	66	0.91
	Not Imputed	Imputed	Imputed	34	0.47
	Imputed	Not Imputed	Not Imputed	39	0.53
	Imputed	Not Imputed	Imputed	11	0.15
	Imputed	Imputed	Not Imputed	1	0.01
	Imputed	Imputed	Imputed	17	0.23
MS	Not Imputed	Not Imputed	Not Imputed	16,657	89.74
	Not Imputed	Not Imputed	Imputed	1,509	8.13
	Not Imputed	Imputed	Not Imputed	89	0.48
	Not Imputed	Imputed	Imputed	34	0.18
	Imputed	Not Imputed	Not Imputed	184	0.99
	Imputed	Not Imputed	Imputed	42	0.23
	Imputed	Imputed	Not Imputed	20	0.11
	Imputed	Imputed	Imputed	26	0.14
HS	Not Imputed	Not Imputed	Not Imputed	33,584	94.59
	Not Imputed	Not Imputed	Imputed	1,057	2.98
	Not Imputed	Imputed	Not Imputed	192	0.54
	Not Imputed	Imputed	Imputed	67	0.19
	Imputed	Not Imputed	Not Imputed	375	1.06
	Imputed	Not Imputed	Imputed	122	0.34
	Imputed	Imputed	Not Imputed	52	0.15
	Imputed	Imputed	Imputed	55	0.16

* Within survey

Though the ratio adjustment itself is simple to calculate, the construction of the poststratification adjustments for the MIYHS is complicated in terms of the construction of the adjustment classes. The computation of the adjustment itself is given in Table 13, where enrollment is the student counts for Maine schools supplied by the State Department of Education and base_wt is the base weight computed above.

Table 13 – Ratio Adjustment for Poststratification
$\text{CLASS} = \frac{\text{Sum}(\text{enrollment} \in \text{adjustment class})}{\text{Sum}(\text{base_wt} \in \text{adjustment class})}$

For all surveys, adjustment classes were defined at the school and district (SAU) level in terms of grade, gender and race/ethnicity. Here, within each district and SAU, grade categories were formed from the grades considered by the survey. Race/ethnicity was collapsed to two categories, White and Non-white where there were sufficient non-white students to support a ratio adjustment, and one overall category where there were not.

In addition, for each survey, an additional set of adjustments was made to generate weights suitable for the other levels of analysis supported by the survey. These were:

- 5/6 – State, Public Health District (PHD), SAU, School
- MS – State, PHD, County, SAU, School
- HS – State, PHD, County, SAU, School

Layered into this framework for the middle school and high school surveys were the survey versions (A, B, C, and D). The fact that different sets of questions appeared on each version means that the number of responses, and therefore the weighted total input into the ratio adjustment vary depending on which version(s) the question appeared on. As a result, separate adjustments were computed for each valid combination of versions that could be analyzed at any given geographic level.

Appendix E presents a summary of the poststratification adjustments for the state, PHD, and county analysis levels. For each survey and grade the 5th, 50th, and 95th percentile of the ratio adjustments corresponding to the equation are given.

L2a. Alternate Poststratification of K/3 Data

According to guidelines for the submission of oral health data to the National Oral Health Surveillance System (NOHSS), an additional weight was calculated on the K/3 data for analysis of the oral health section. This

Methodology

weight was defined as the number of children enrolled in a sampling interval divided by the number of children in the sampling interval who participated in the oral health assessment.

L3. Assignment to Response Data

As a final step, the weights were combined with the edited response data, producing one analytic file for each survey. Each data record contains multiple weight variables. The appropriate weight variable for any given analysis is chosen based on the versions (for HS and MS) on which the question appeared, and the analysis level. Table 14 shows the weight key, which is used to guide this selection.

Methodology

Table 14 - Weight Selection Key							
		Analysis Level					
Survey	Module	School	District (SAU)	AOS	County	PHD (Public Health District)	State
HS – High School (9, 10, 11 & 12)							
	A						wstaa
	B						wstab
	C						wstac
	D						wstad
	AB				wctyab	wphdab	wstaab
	CD				wctycd	wphdcd	wstacd
	ABCD	wschabcd	wsauabcd	waosabcd	wctyabcd	wphdabcd	wstaabcd
MS – Middle School (7 & 8)							
	A						wstaa
	B						wstab
	C						wstac
	D						wstad
	AB				wctyab	wphdab	wstaab
	CD				wctycd	wphdcd	wstacd
	ABCD	wschabcd	wsauabcd	waosabcd	wctyabcd	wphdabcd	wstaabcd
5/6 – Elementary (5 & 6)							
	ALL	wsch				wphd	wsta
K/3 – Elementary (Kindergarten & 3)							
	ALL (Survey Items)						wsta
	All (Oral Health Indicators)						wsta2

When conducting an ‘ad hoc’ analysis of two or more schools whereby the use of an SAU weight is unsuitable, one should use the school weight for the analysis; this should only be done, however, if the school response level for each individual school warrants this type of analysis.

M. Estimation & Reporting

M1. Design Variables

Sampling variances for complex sampling designs such as the one used in the 2017 MIYHS can be estimated using one of several methods, including linearized estimators and balanced repeated replication. These methods may be implemented with a variety of software packages, including SUDAAN and WesVar, and with Stata and SAS using special sample survey procedures². The 2017 MIYHS data were prepared for estimating variances using the method of linearized estimators.

In using these methods, it is necessary to inform the software about certain features of the sampling design, specifically, the stratification scheme, and how the sampled students were clustered at the first stage of sampling. The variables holding this information are often referred to as “design variables.”

For all analysis levels above the school – SAU/District, County, Public Health District and State – stratum codes were created to reflect the county or public health district used to either stratify the school sample or the version assignment. At this level the school serves as primary sampling unit (PSU), and so the school code is used as the basis for the clustering variable. Stratum (Table 15) and cluster (Table 16) codes are shown below:

² More information can be found at: http://www.cdc.gov/healthyyouth/yrbs/pdf/YRBS_analysis_software.pdf.

Table 15 – Stratification Variable Selection Key							
Survey	Module	Analysis Level					
		School	District (SAU)	AOS	County	PHD (Public Health District)	State
HS – High School (9, 10, 11 & 12)							
	A						str_notschool
	B						str_notschool
	C						str_notschool
	D						str_notschool
	AB				str_notschool	str_notschool	str_notschool
	CD				str_notschool	str_notschool	str_notschool
	ABCD	str_school	psu_notschool	psu_notschool	str_notschool	str_notschool	str_notschool
MS – Middle School (7 & 8)							
	A						str_notschool
	B						str_notschool
	C						str_notschool
	D						str_notschool
	AB				str_notschool	str_notschool	str_notschool
	CD				str_notschool	str_notschool	str_notschool
	ABCD	str_school	psu_notschool	psu_notschool	str_notschool	str_notschool	str_notschool
5/6 – Elementary (5 & 6)							
	ALL	str_school	str_notschool	str_notschool	str_notschool	str_notschool	str_notschool
K/3 – Elementary (Kindergarten & 3)							
	ALL (Survey Items)						str_notschool
	All (Oral Health Indicators)						str_notschool

Table 16 – Cluster Variable Selection Key							
Survey	Module	Analysis Level					
		School	District (SAU)	AOS	County	PHD (Public Health District)	State
HS – High School (9, 10, 11 & 12)							
	A						psu_otschool
	B						psu_otschool
	C						psu_otschool
	D						psu_otschool
	AB				psu_otschool	psu_otschool	psu_otschool
	CD				psu_otschool	psu_otschool	psu_otschool
	ABCD	psu_school	psu_school	psu_school	psu_otschool	psu_otschool	psu_otschool
MS – Middle School (7 & 8)							
	A						psu_otschool
	B						psu_otschool
	C						psu_otschool
	D						psu_otschool
	AB				psu_otschool	psu_otschool	psu_otschool
	CD				psu_otschool	psu_otschool	psu_otschool
	ABCD	psu_school	psu_school	psu_school	psu_otschool	psu_otschool	psu_otschool
5/6 – Elementary (5 & 6)							
	ALL	psu_school	psu_otschool	psu_otschool	psu_otschool	psu_otschool	psu_otschool
K/3 – Elementary (Kindergarten & 3)							
	ALL (Survey Items)						psu_otschool
	All (Oral Health Indicators)						psu_otschool

An example of the use of these variables in SAS Proc Survey Freq is given in Table 17.

Table 17 – SAS Code Example Non-school Analysis Design Variables
<pre>** state level analysis at MS level ; Proc SurveyFreq data = gd.allmswt; Tables m147; Weight wstaabcd; * state level, question on all versions; Strata str_otschool; Cluster psu_otschool; Run;</pre>

The design variables for the SAU/District analyses for the HS and MS versions is adjusted somewhat – here, variable `psu_otschool` is used for the stratification variable, and `psu_school` is used for the cluster variable. This has the effect of treating the school as a stratification variable, nested within the county stratification. Also, the class, which had previously been considered a secondary sampling unit, becomes the primary sampling unit. While the nomenclature seems odd, this does reflect the sample design, and avoids strata containing only one PSU, which prevent the variance calculation.

At the school level, grade is treated as the sampling stratum, as classes were selected independently within grades in the school. Following this logic, the class is the primary sampling unit for the students and so the class code forms the basis of the clustering variable. An example of the use of these variables for producing estimates at the school level is given in Table 18.

Table 18 – SAS Code Example School Analysis Design Variables
<pre>* A high school ; Proc SurveyFreq data = gd.allhswt; Tables h84; Where (pacid = 293); Weight wschabcd; * school level, question all versions; Strata str_school; Cluster psu_school; Run</pre>

M2. Reporting Rules

Reporting rules were put in place to ensure that only entities with sufficient, representative (weighted) data were reported. The various reporting rules are listed below:

School Reports (Grades 5-12):

- School must have at least 20 participating students (unweighted) in the final data set (within a given survey module). Schools with less than 20 participants do not receive a school-level data report to protect the privacy and confidentiality of students.
- Student response rate within a school must be at least 50%, i.e., at least 50% of students within the school must have completed a survey.

SAU/District Reports (Grades 5-12):

- SAU/District must have at least 20 participating students (unweighted) in the final data set (within a given survey module). SAU/Districts with less than 20 participants do not receive a SAU/District report to protect the privacy and confidentiality of students.
- The overall response rate (equivalent to the school response rate in the SAU/district multiplied by the average student response rate within the participating school) must be at least 50%.

County Reports:

- The overall response rate (equivalent to the school response rate in each county multiplied by the average student response rate within the participating schools) must be at least 50%; if the response rate is less than 50%, that county's data will be assessed by the MIYHS team for representativeness.

PHD Reports:

- The overall response rate (equivalent to the school response rate in each PHD multiplied by the average student response rate within the participating schools) must be at least 50%; if the response rate is less than 50%, the PHD data will be assessed by the MIYHS team for representativeness.

State Reports:

- The overall response rate (equivalent to the school response rate multiplied by the average student response rate within the participating schools) must be at least 50%.

Methodology

M3. Reports

Two different report types were generated for the 2017 MIYHS – “comparison and trend reports” and “detailed reports.” While many questions on the MIYHS offered a range of answers, all data in the two report types are based on a predetermined “answer of interest.” One or more of the possible answers were selected for the reporting. In some cases, certain answers (including missing answers) were eliminated from the calculation. For more detail, please see the combined codebooks in Appendix A for these calculations. Tables 19, 20, 21, and 22 below list the content of each of the two report types for the K/3, 5/6, and MS & HS modules, respectively.

Table 19 – Composition of K/3 Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
State Results	•	•
Gender		•
Age		•
Grade		•
Ethnicity		•
Race		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		Not available due to small numbers
Gender by race		Not available due to small numbers

Table 20 – Composition of 5/6 Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
School Results	Available with permission	
SAU Results	Available with permission	
PHD Results	•	•
Gender		•
Age		•
Grade		•
Ethnicity		•
Race		•
Gender by age		•

Methodology

Table 20 – Composition of 5/6 Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
Gender by grade		•
Gender by ethnicity		Not available due to small numbers
Gender by race		Not available due to small numbers
State Results	•	•
Gender		•
Age		•
Grade		•
Ethnicity		•
Race		•
PHD		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		•
Gender by race		•
Gender by PHD		•

Table 21 – Composition of MS Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
School Results	Available with permission	
SAU Results	Available with permission	
County Results	•	•
Gender		•
Age		•
Grade		•
Ethnicity		•
Race		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		Not available due to small numbers
Gender by race		Not available due to small numbers
PHD Results	•	•
Gender		•

Methodology

Table 21 – Composition of MS Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
Age		•
Grade		•
Ethnicity		•
Race		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		Not available due to small numbers
Gender by race		Not available due to small numbers
State Results	•	•
Gender		•
Age		•
Grade		•
Ethnicity		•
Race		•
PHD		•
County		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		•
Gender by race		•
Gender by PHD		•
Gender by county		•
Questions on 1 of 4 versions (A, B, C, or D)		•
Questions on 2 of 4 versions (AB or CD)		•
Questions on 4 versions (ABCD)	•	•

Table 22 – Composition of HS Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
School Results	Available with permission	
SAU Results	Available with permission	
County Results	•	•
Gender		•
Age		•

Methodology

Table 22 – Composition of HS Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
Grade		•
Ethnicity		•
Race		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		Not available due to small numbers
Gender by race		Not available due to small numbers
PHD Results	•	•
Gender		•
Age		•
Grade		•
Ethnicity		•
Race		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		Not available due to small numbers
Gender by race		Not available due to small numbers
State Results	•	•
Gender		•
Age		•
Grade		•
Ethnicity		•
Race		•
Sexual orientation		•
Transgender Status		•
PHD		•
County		•
Gender by age		•
Gender by grade		•
Gender by ethnicity		•
Gender by race		•
Gender by PHD		•
Gender by county		•
Questions on 1 of 4 versions (A, B, C, or D)		•

Methodology

Table 22 – Composition of HS Reports	Comparison & Trend Reports (include confidence intervals)	Detailed Reports (include confidence intervals)
Questions on 2 of 4 versions (AB or CD)		•
Questions on 4 versions (ABCD)	•	•

M4. Suppression Rules in Reports

Suppression rules were put in place to prevent the display of estimates that could inadvertently disclose the identity or characteristic of a student responding to the survey. These suppression rules are based on the Maine CDC’s privacy policy. For reporting purposes, two types of suppression rules were defined:

- “Straight Suppression”
 - All cells where the numerator (using weighted data values) was less than 5.5 were suppressed.
 - All cells where the numerator (using weighted data values) was greater than equivalent of the denominator minus 5.5 were suppressed.
- “Complementary Suppression”
 - When a cell is suppressed due to straight suppression, there must be at least one other cell – both vertically and horizontally – that is also suppressed so that the naturally suppressed information cannot be figured out with back-calculations.

Based on Maine CDC suppression guidelines, straight suppression and complementary suppression must be enforced when the underlying population of a demographic subgroup on the county level or smaller includes fewer than 5,000 individuals.

Specifically, suppression rules were applied to the 2017 MIYHS reports in the following manner:

Local Reports:

- Straight suppression was enforced.
- Estimates in the local reports are not broken down by demographic characteristics, so complementary suppression was not necessary to maintain participant confidentiality.

Detailed Reports:

- No suppression was needed for the state level reports of 5/6, MS, or HS survey levels.

Methodology

- Straight suppression was enforced for all PHD and County reports. Cells for race/ethnicity within gender were automatically suppressed due to small cell sizes and the need for extensive suppression across cells. Complementary suppression was enforced for the remaining cells.

It is important to note that suppression within MIYHS tables and reports is for the purpose of protecting individual privacy; it does not take data reliability into consideration. Estimates based on small numbers can be unreliable; they may fluctuate over time or they may not accurately reflect the population being measured. It is important that users consider the size of the confidence interval as a reflection of an estimate's reliability when presenting MIYHS data.

N. Data Files

The labels and values for each of the variables included in the four survey data files can be found in the combined codebooks in Appendix A.

O. Limitations

The MIYHS is limited due to its exclusive focus on youth *in public and quasi-public schools*. With such a focus, some subpopulations – such as school dropouts, students with high rates of absenteeism, home-schooled students, homeless youth, and runaway youth – will be missed or underrepresented. Also of note, some schools with very small enrollments (such as those found on Maine's islands and/or in very rural areas) may be underrepresented due to enrollment-based sampling exclusions.

Because of the anonymous nature of the questionnaire and the difficulty in translating questions into multiple languages, students (or parents in the case of the K/3 survey) with very limited English language proficiency may be underrepresented. In addition, to maintain both confidentiality and consistency in the interpretation of questions, teachers were instructed to not provide additional explanation of questions, or assist with answering, so students with reading abilities below that of the survey, or with cognitive or physical disabilities may have not completed the survey and, therefore, may be underrepresented also.

Self-report data may be prone to bias due to forgetting, dishonesty, or misunderstanding of the questions, all of which can contribute to underreporting or over-reporting of some behaviors. However, several studies have shown that surveys of adolescents yield valid and reliable data³.

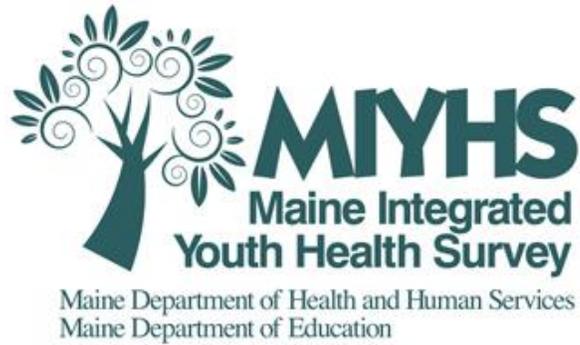
³ <http://www.cdc.gov/mmwr/PDF/rr/rr5312.pdf>

P. Note on YRBS and MIYHS Results

The intent of the MIYHS was to follow the YRBS methodology so that results would be comparable to national data and to Maine YRBS data (presented by the U.S. CDC). However, the weighting procedures and sample size of the YRBS and MIYHS are not completely comparable, and thus not all MIYHS results are the same as the data for Version C (Maine's YRBS), which was sent to the U.S. CDC for use in YRBS. MIYHS weighting uses county-level weights in addition to school-response, student response and post-stratification to calculate state-level weights. The YRBS, which samples at the state level only, does not use county weights when calculating the state-level weights. Like the 2017 MIYHS, the U.S. CDC post-stratifies by race and Hispanic ethnicity.

Recommendations on when to use MIYHS results and when to use YRBS results:

- When making comparisons with national rates or rates in other states, use YRBS (as reported on the U.S. CDC website: <http://www.cdc.gov/healthyyouth/data/yrbs/index.htm>).
- When making comparisons between the state rate and county rates, use MIYHS.
- When showing trends over time since 2009, we encourage using MIYHS, unless comparing trends to U.S. or other states where using YRBS data. (as reported on the U.S. CDC website: <http://www.cdc.gov/healthyyouth/data/yrbs/index.htm>) is more appropriate. When showing trends over time including data points prior to and after 2009, use YRBS.



APPENDIX A: 2017 MIYHS CODEBOOKS



2017 MIYHS CODEBOOK FOR K/3 MODULE

K3 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k1	N/A	What is your child's current grade level?	1 = A. Kindergarten; 2 = B. 3rd grade; 3 = C. Some other grade; 4 = D. Ungraded	N/A	N/A	N/A	N/A	N/A
k2	N/A	What is your child's age?	1 = A. 4 years old or less; 2 = B. 5 years old; 3 = C. 6 years old; 4 = D. 7 years old; 5 = E. 8 years old; 6 = F. 9 years old or older	N/A	N/A	N/A	N/A	N/A
k3	N/A	Is your child female or male?	1 = A. Female; 2 = B. Male	N/A	N/A	N/A	N/A	N/A
k62a	N/A	What is your relationship to this child? (Mark all that apply.)	1 = A. Mother	N/A	N/A	N/A	N/A	N/A
k62b			1 = B. Father					
k62c			1 = C. Stepparent					
k62d			1 = D. Guardian					
k62e			1 = E. Grandparent					
k62f			1 = F. Other relative					
k5a	D	What language is spoken most often at home?	1 = A. Acholi; 2 = B. Arabic; 3 = C. English; 4 = D. French; 5 = E. Khmer; 6 = F. Somali; 7 = G. Spanish; 8 = H. Some other language	kn5a	Percentage of parents who answered something other than "English"	1 = Yes; 2 = No	A, B, D, E, F, G, or H	A, B, C, D, E, F, G, or H
k6	D	How would you describe your child's health status?	1 = A. Excellent; 2 = B. Very Good; 3 = C. Good; 4 = D. Fair; 5 = E. Poor	kn6	Percentage of parents who answered "Excellent", "Very good" or "Good"	1 = Yes; 2 = No	A, B, or C	A, B, C, D, or E
k7	D	Has a doctor or nurse ever told you that your child has diabetes?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	kn7	Percentage of parents who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
k8	D	Has a doctor or nurse ever told you that your child has asthma?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	kn8	Percentage of parents who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
k9	D	Does your child still have asthma?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	kn9	Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"	1 = Yes; 2 = No	k8 = A & k9 = A	A, B, or C
k10a	D	Symptoms of asthma include coughing, wheezing, shortness of breath, chest tightness or phlegm production when your child does not have a cold or respiratory infection. During the past 30 days, on how many days did your child have any symptoms of asthma?	1 = A. None; 2 = B. 1-4 days; 3 = C. 5-14 days; 4 = D. 15-20 days; 5 = E. Almost all days; 6 = F. Every day	kn10a	Among parents who reported their child had asthma in kn8, percentage of parents who answered at least 1 day	1 = Yes; 2 = No	k8 = A & k10a = B, C, D, E, or F	A, B, C, D, E, or F

K3 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k11	D	During the past 30 days, on how many days did his or her asthma make it difficult for your child to stay asleep?	1 = A. None; 2 = B. 1-4 days; 3 = C. 5-14 days; 4 = D. 15-20 days; 5 = E. Almost all days; 6 = F. Every day	kn11	Among parents who reported their child had asthma in kn8, percentage of parents who answered at least 1 day	1 = Yes; 2 = No	k8 = A & k11 = B, C, D, E, or F	
k52	D	During the past 12 months, how much did your child limit his or her usual activities due to asthma?	1 = A. None; 2 = B. Less than one time per week; 3 = C. One or more times per week; 4 = D. Almost daily	kn52	Among parents who reported their child had asthma in kn8, percentage of parents who answered "One or more times per week" or "Almost daily"	1 = Yes; 2 = No	k8 = A & k52 = C or D	A, B, C, or D
k13	D	During the past 12 months, about how many days of school did your child miss because of his or her asthma?	1 = A. None; 2 = B. Less than one time per week; 3 = C. One or more times per week; 4 = D. Almost daily	kn13	Among parents who reported their child had asthma in kn8, percentage of parents who answered "One or more times per week" or "Almost daily"	1 = Yes; 2 = No	k8 = A & k13 = C or D	A, B, C, or D
k14	D	Has a doctor, nurse, or asthma educator ever taught you what to do when your child has an asthma episode or attack?	1 = A. Yes; 2 = B. No; 3 = C. Don't know	kn14	Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"	1 = Yes; 2 = No	k8 = A & k14 = A	A, B, or C
k15a	D	An Asthma Action Plan, sometimes called an Asthma Management Plan, is a printed form with asthma treatment directions from your child's doctor. It tells you what asthma medications your child should take and what asthma "triggers" your child should avoid. It also tells you how to know if your child's asthma is getting worse and what to do if it gets worse, such as when to change the amount or type of medicine and when to call the doctor or go to the emergency room. Has a doctor, nurse, or asthma educator ever given you an Asthma Action Plan for your child?	1 = A. Yes; 2 = B. No; 3 = C. Don't know	kn15a	Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"	1 = Yes; 2 = No	k8 = A & k15a = A	A, B, or C
k16	D	Have you ever taken a course or class on how to manage your child's asthma?	1 = A. Yes; 2 = B. No; 3 = C. Don't know	kn16	Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"	1 = Yes; 2 = No	k8 = A & k16 = A	A, B, or C
k17	D	Does your child currently have autism, PDD-NOS, Asperger's Disorder, or atypical autism?	1 = A. Yes; 2 = B. No; 3 = C. Don't know	kn17	Percentage of parents who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
k18	D	Does your child receive special education services for autism, PDD-NOS, Asperger's Disorder, or atypical autism at school?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	kn18	Among parents who reported their child has some form of autism in kn17, percentage of parents who answered "Yes"	1 = Yes; 2 = No	k17 = A & K18 = A	A, B, or C

K3 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k53a	D	What kind of health care coverage does your child have?	1 = A. No insurance	kn53	Percentage of parents who answered "No health insurance"	1 = Yes; 2 = No	A for k53a	A, B, C, D, or E for k53a thru k53e
k53b			1 = B. Private insurance					
k53ca			1 = C. TRICARE (formerly CHAMPUS)					
k53d			1 = D. MaineCare					
k53e			1 = E. Other					
k54a	D	How long ago did your child last visit the dentist for preventive dental care such as check-ups and dental cleanings? (Include dental hygienists as well as all types of dentists.)	1 = A. Within the past 12 months; 2 = B. More than 1 year but not more than 3 years ago; 3 = C. More than 3 years ago; 4 = D. My child has never been to a dentist; 5 = E. Don't know/don't remember	kn54a	Percentage of parents who answered "12 months or less"	1 = Yes; 2 = No	A	A, B, C, D, or E
k54a	D	How long ago did your child last visit the dentist for preventive dental care such as check-ups and dental cleanings? (Include dental hygienists as well as all types of dentists.)	1 = A. Within the past 12 months; 2 = B. More than 1 year but not more than 3 years ago; 3 = C. More than 3 years ago; 4 = D. My child has never been to a dentist; 5 = E. Don't know/don't remember	kn54a_2	Percentage of parents who answered "12 months or less" (Excludes "Don't know/don't remember" responses from k54)	1 = Yes; 2 = No	A	A, B, C, or D (Exclude E)
k55a	D	During the past 12 months, has your child been treated for a dental condition such as toothaches, decayed teeth or cavities, broken teeth, or bleeding gums? (Do not include visits to an orthodontist for braces.)	1 = A. Yes; 2 = B. No; 3 = C. My child has never been to a dentist; 4 = D. Don't know/don't remember	kn55a	Percentage of parents who answered "Yes"	1 = Yes; 2 = No	A	A, B, C, or D
k55a	D	During the past 12 months, has your child been treated for a dental condition such as toothaches, decayed teeth or cavities, broken teeth, or bleeding gums? (Do not include visits to an orthodontist for braces.)	1 = A. Yes; 2 = B. No; 3 = C. My child has never been to a dentist; 4 = D. Don't know/don't remember	kn55a_2	Percentage of parents who answered "Yes" (Excludes "Don't know/don't remember" responses from k55a)	1 = Yes; 2 = No	A	A, B, or C (Exclude D)
k22	D	During the past 12 months, was there a time when your child needed dental care but could not get it at that time?	1 = A. Yes; 2 = B. No; 3 = C. Don't know	kn22	Percentage of parents who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
k22	D	During the past 12 months, was there a time when your child needed dental care but could not get it at that time?	1 = A. Yes; 2 = B. No; 3 = C. Don't know	kn22_2	Percentage of parents who answered "Yes" (Excludes "Don't know" responses from k22)	1 = Yes; 2 = No	A	A or B (Exclude C)

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2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k23a	N/A	The last time your child could not get the dental care they needed, what was the main reason they couldn't get care? (Please mark only one.)	1 = A. Could not afford it; 2 = B. Dentist did not accept MaineCare or Insurance; 3 = C. Difficulty getting appointments; 4 = D. No dentist available; 5 = E. No way to get there; 6 = F. Other reason; 7 = G. Don't know/don't remember	N/A	N/A	N/A	N/A	N/A
k56a	D	Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE ? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.)	1 = A. I do not have any dental insurance for my child	kn56	Percentage of parents who answered that they have insurance that pays for some or all of their child's dental care	1 = Yes; 2 = No	B, C, D, or E for k56b thru k56e	A, B, C, D, E, or F for k56a thru k56f
k56b			1 = B. Private insurance					
k56c			1 = C. MaineCare					
k56da			1 = D. TRICARE (formerly CHAMPUS)					
k56e			1 = E. Other					
k56f			1 = F. Don't know/don't remember					
k64	D	Has your child ever had dental sealants placed on his or her teeth at either your dental office or through a school program? (Sealants are a clear or white material placed on the chewing surface of teeth to prevent cavities.)	1 = A. Yes - at a dental office; 2 = B. Yes - at a school program; 3 = C. Yes, both at a dental office and at a school program; 4 = D. No; 5 = E. Don't know	kn64	Percentage of parents who answered "Yes" (at a dental office and/or through a school program)	1 = Yes; 2 = No	A, B, or C	A, B, C, D, or E
k65	D	Has your child ever received fluoride varnish treatments at either your dental office or through a school program?	1 = A. Yes - at a dental office; 2 = B. Yes - at a school program; 3 = C. Yes, both at a dental office and at a school program; 4 = D. No; 5 = E. Don't know	kn65	Percentage of parents who answered "Yes" (at a dental office and/or through a school program)	1 = Yes; 2 = No	A, B, or C	A, B, C, D, or E
k58a	D	During the past 3 months, how many days of school has your child missed because of dental problems? (Do not include routine dentist/orthodontist visits.)	1 = A. My child has not missed school because of dental problems; 2 = B. 1-2 days; 3 = C. 3-4 days; 4 = D. 5 or more days	kn58a	Percentage of parents who answered at least 1 day	1 = Yes; 2 = No	B, C, or D	A, B, C, or D
k27a	D	When your child is outside for more than one hour on a sunny day, how often does he or she wear sunscreen with an SPF of 15 or higher?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	kn27a	Percentage of parents who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
k28a	D	On a sunny day, when your child is outside for more than 15 minutes between 11 a.m. and 3 p.m., how often does he or she do one of the following: stay in the shade, wear clothes covering most of his or her arms and legs, or wear a hat?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	kn28a	Percentage of parents who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E

K3 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k29	D	During the past 12 months, has your child had any sunburns? A sunburn is any reddening or burn of the skin that lasts until the next day.	1 = A. Yes; 2 = B. No; 3 = C. Not sure	kn29	Percentage of parents who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
k29	D	During the past 12 months, has your child had any sunburns? A sunburn is any reddening or burn of the skin that lasts until the next day.	1 = A. Yes; 2 = B. No; 3 = C. Not sure	kn29_2	Percentage of parents who answered "Yes" (Excludes "Not sure" responses from k29)	1 = Yes; 2 = No	A	A or B (Exclude C)
k30	D	How many people living in the same household as your child smoke cigarettes, cigars, or pipes inside the house?	1 = A. 0; 2 = B. 1; 3 = C. 2; 4 = D. 3; 5 = E. 4 or more	kn30	Percentage of parents who answered at least 1 person	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
k31a	D	How often does your child ride in a booster car seat?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	kn31a	Percentage of parents who answered "Never" or "Rarely"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
k31a	D	How often does your child ride in a booster car seat?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	kn31a_2	Percentage of parents who answered "Always"	1 = Yes; 2 = No	E	A, B, C, D, or E
k32	D	When your child rides in a car, truck, or van, how often does he or she sit in the back seat?	1 = A. Never sits in the back seat; 2 = B. Sometimes sits in the back seat; 3 = C. Always sits in the back seat; 4 = D. There is no back seat in the car, truck, or van my child usually rides in	kn32	Among those who have a back seat available, percentage of parents who answered "Never sits in the back seat" or "Sometimes sits in the back seat"	1 = Yes; 2 = No	A or B	A, B, or C (Exclude D)
k33a	D	How often does your child ride with teenage drivers, such as older brothers or sisters, relatives, or older friends?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	kn33a_2	Percentage of parents who answered "Never" or "Rarely"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
k34a	D	How often does your child wear a helmet when riding a bike?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always; 6 = F. My child does not ride a bike	kn34a	Among those whose child rides a bike, percentage of parents who answered "Never" or "Rarely"	1 = Yes; 2 = No	A or B	A, B, C, D or E (Exclude F)
k35a	N/A	During the past 7 days, how many times did your child 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.)	1 = A. My child did not drink 100% fruit juice during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A
k36a	N/A	During the past 7 days, how many times did your child eat fruit ? (Do not count fruit juice.)	1 = A. My child did not eat fruit during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A

K3 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k37c	N/A	During the past 7 days, how many times did your child eat vegetables , such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.)	1 = A. My child did not eat vegetables during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A
k59a	D	During the past 7 days, how many times did your child drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.)	1 = A. My child did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	kn59a	Percentage of parents who answered at least one time per day in the past week	1 = Yes; 2 = No	D, E, F, or G	A, B, C, D, E, F, or G
k39b	D	During the past 7 days, how many glasses of milk did your child drink? (Count the milk your child drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.)	1 = A. My child did not drink milk during the past 7 days; 2 = B. 1 to 3 glasses during the past 7 days; 3 = C. 4 to 6 glasses during the past 7 days; 4 = D. 1 glass per day; 5 = E. 2 glasses per day; 6 = F. 3 glasses per day; 7 = G. 4 or more glasses per day	kn39b	Percentage of parents who answered three or more glasses per day	1 = Yes; 2 = No	F or G	A, B, C, D, E, F, or G
k40	D	In the last 12 months, how often did you (or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food?	1 = A. Never; 2 = B. In only 1 or 2 months; 3 = C. Some months but not every month; 4 = D. Almost every month; 5 = E. Don't know	kn40	Percentage of parents who answered at least once	1 = Yes; 2 = No	B, C, or D	A, B, C, D, or E
k40	D	In the last 12 months, how often did you (or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food?	1 = A. Never; 2 = B. In only 1 or 2 months; 3 = C. Some months but not every month; 4 = D. Almost every month; 5 = E. Don't know	kn40_2	Percentage of parents who answered at least once (Excludes "Don't know" responses from k40)	1 = Yes; 2 = No	B, C, or D	A, B, C, or D (Exclude E)
k41	D	In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money to buy food?	1 = A. Never; 2 = B. In only 1 or 2 months; 3 = C. Some months but not every month; 4 = D. Almost every month; 5 = E. Don't know	kn41	Percentage of parents who answered at least once	1 = Yes; 2 = No	B, C, or D	A, B, C, D, or E
k41	D	In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money to buy food?	1 = A. Never; 2 = B. In only 1 or 2 months; 3 = C. Some months but not every month; 4 = D. Almost every month; 5 = E. Don't know	kn41_2	Percentage of parents who answered at least once (Excludes "Don't know" responses from k41)	1 = Yes; 2 = No	B, C, or D	A, B, C, or D (Exclude E)

K3 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k42	D	In the last 12 months, were you ever hungry but didn't eat because you couldn't afford enough food?	1 = A. Never; 2 = B. In only 1 or 2 months; 3 = C. Some months but not every month; 4 = D. Almost every month; 5 = E. Don't know	kn42	Percentage of parents who answered at least once	1 = Yes; 2 = No	B, C, or D	A, B, C, D, or E
k42	D	In the last 12 months, were you ever hungry but didn't eat because you couldn't afford enough food?	1 = A. Never; 2 = B. In only 1 or 2 months; 3 = C. Some months but not every month; 4 = D. Almost every month; 5 = E. Don't know	kn42_2	Percentage of parents who answered at least once (Excludes "Don't know" responses from k42)	1 = Yes; 2 = No	B, C, or D	A, B, C, or D (Exclude E)
k43	D	On an average school day, how many hours does your child watch TV?	1 = A. My child does not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	kn43	Percentage of parents who answered 3 or more hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
k43	D	On an average school day, how many hours does your child watch TV?	1 = A. My child does not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	kn43_2	Percentage of parents who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G
k60a	D	On an average school day, how many hours does your child play video or computer games or use a computer for something that is not school work? (Count time spent on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)	1 = A. My child does not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	kn60a	Percentage of parents who answered 3 or more hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
k60a	D	On an average school day, how many hours does your child play video or computer games or use a computer for something that is not school work? (Count time spent on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)	1 = A. My child does not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	kn60a_2	Percentage of parents who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G

K3 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
k63	D	During the past 7 days, on how many days was your child physically active for a total of at least 60 minutes per day? (Add up all of the time your child spent in any kind of physical activity that increased his or her heart rate and made your child breathe hard some of the time.)	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	kn63	Percentage of parents who answered 5 or more days	1 = Yes; 2 = No	F, G, or H	A, B, C, D, E, F, G, or H
k44	D	How often do you feel that your child is safe in your community or neighborhood?	1 = A. Never; 2 = B. Sometimes; 3 = C. Usually; 4 = D. Always; 5 = E. Not sure	kn44	Percentage of parents who answered "Usually" or "Always"	1 = Yes; 2 = No	C or D	A, B, C, D, or E
k46	D	How often do you feel that your child is safe at school?	1 = A. Never; 2 = B. Sometimes; 3 = C. Usually; 4 = D. Always; 5 = E. Not sure	kn46	Percentage of parents who answered "Usually" or "Always"	1 = Yes; 2 = No	C or D	A, B, C, D, or E
k47a	N/A	Is your child Hispanic or Latino?	1 = A. Yes; 2 = B. No	N/A	N/A	N/A	N/A	N/A
k48aa	N/A	Which of the following would you say is your child's race(s)? (Mark all that apply.)	1 = A. American Indian or Alaska Native	N/A	N/A	N/A	N/A	N/A
k48b			1 = B. Asian					
k48c			1 = C. Black or African American					
k48d			1 = D. Native Hawaiian or Other Pacific Islander					
k48e			1 = E. White					
k49a	N/A	What is the highest level of education attained by anyone in your child's household?	1 = A. Some high school or less; 2 = B. A high school diploma; 3 = C. A GED; 4 = D. Some college; 5 = E. An associate's degree; 6 = F. A bachelor's degree; 7 = G. A graduate or professional degree	N/A	N/A	N/A	N/A	N/A
k50	N/A	Does your child receive free or reduced priced meals at school?	1 = A. My child receives free meals at school; 2 = B. My child receives reduced priced meals at school; 3 = C. My child does not receive free or reduced priced meals at school	N/A	N/A	N/A	N/A	N/A

K3 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	2017 Calculated Variable Values	Programming Information / SAS Code
knowt	Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT	1 = Yes; 2 = No	See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm (If bmipt Ge 85 and bmipt Lt 95 Then KNOWT = 1;)
knobese	Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT	1 = Yes; 2 = No	See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm (If bmipt Ge 95 Then KNOBESE = 1;)
knhlthwt	Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT	1 = Yes; 2 = No	See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm to calculate BMI percentiles. After setting outliers (_bivbmi in (1,2)) to missing, SAS code is: *healthy weight*; if bmipt = . then knhlthwt = .; else if bmipt >= 5 and bmipt < 85 then knhlthwt = 1; else if bmipt < 5 or bmipt >= 85 then knhlthwt = 2;
kndiab	Percentage of students with diagnosed diabetes (Excludes "Not sure" responses from k7)	1 = Yes; 2 = No	*diagnosed diabetes*; kndiab = .; if k7 = 1 then kndiab = 1; else if k7 = 2 then kndiab = 2; else if k7 = 3 then kndiab = .;
knltasth	Percentage of students with lifetime asthma (Excludes "Not sure" responses from k8)	1 = Yes; 2 = No	*lifetime asthma*; knltasth = .; if k8 = 1 then knltasth = 1; else if k8 = 2 then knltasth = 2;
kncrasth	Percentage of students with current asthma (Excludes "Not sure" responses from k8 and k9)	1 = Yes; 2 = No	*current asthma*; kncrasth = .; if k8 = . then kncrasth = .; else if k8 = 1 and k9 = 1 then kncrasth = 1; else if k8 = 2 or k9 = 2 then kncrasth = 2;
kncaries	Presence of Treated Dental Caries (Observed during oral health assessment)	1 = Yes; 2 = No	*treated caries* if caries=1 then kncaries=1; else if caries ne . then kncaries=2;
kncavit	Presence of Untreated Dental Caries (Observed during oral health assessment)	1 = Yes; 2 = No	*cavities* if cavities=1 then kncavit=1; else if cavities ne . then kncavit=2;
kncarexp	Caries Experience (Presence of treated or untreated dental caries)	1 = Yes; 2 = No	*caries experience* if kncaries=1 or kncavit=1 then kncarexp=1; else if kncaries=2 and kncavit=2 then kncarexp=2;
knseal	Presence of Sealants (Observed during oral health assessment)	1 = Yes; 2 = No	*sealants* if sealants=1 then knseal=1; else if sealants ne . then knseal=2;

K3 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	2017 Calculated Variable Values	Programming Information / SAS Code
kntreat	Early / Urgent Dental Care Needed (Observed during oral health assessment)	1 = Yes; 2 = No	<pre>*treatment urgency* if treatment_urgency in (1,2) then kntreat=1; else if treatment_urgency ne . then kntreat=2;</pre>
knfruit	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days	1 = Yes; 2 = No	<pre>*fruit* Length qfruit1 qfruit2 8; qfrtot=0; Array qfr{2} k35a k36a; Array qfruit{2} qfruit1 qfruit2; Do i = 1 to 2; Select (qfr{i}); When(1) qfruit{i}=0; When(2) qfruit{i}=2/7; When(3) qfruit{i}=5/7; When(4) qfruit{i}=1; When(5) qfruit{i}=2; When(6) qfruit{i}=3; When(7) qfruit{i}=4; Otherwise qfruit{i}=.; End; qfrtot = qfrtot + qfruit{i}; End; If qfrtot Ge 2 Then KNFRUIT = 1; Else If qfrtot Ne . Then KNFRUIT = 2; Else KNFRUIT = .;</pre>
knonefrt	Percentage of students who consumed less than 1 fruit or 100% fruit juice per day during the past 7 days	1 = Yes; 2 = No	<pre>*one fruit* knonefrt = .; if qfrtot>=1 then knonefrt = 2; /*1+ fruit per day*/ else if qfrtot ne . then knonefrt = 1; /*less than 1 fruit per day*/ drop qfruit1-qfruit2 qfrtot;</pre>

K3 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	2017 Calculated Variable Values	Programming Information / SAS Code
knveg	Percentage of students who ate vegetables three or more times per day during the past seven days	1 = Yes; 2 = No	<pre> *vegetables* Length vegtot1 8; qvegtot=0; array qveg{1} k37c; array vegtot{1} vegtot1; do i=1; select (qveg{i}); when('1') vegtot{i}=0; when('2') vegtot{i}=2/7; when('3') vegtot{i}=5/7; when('4') vegtot{i}=1; when('5') vegtot{i}=2; when('6') vegtot{i}=3; when('7') vegtot{i}=4; otherwise vegtot{i}=.; end; qvegtot = qvegtot + vegtot{i}; end; </pre>
knoneveg	Percentage of students who consumed less than 1 vegetable per day during the past 7 days	1 = Yes; 2 = No	<pre> *one vegetable* knoneveg = .; if qvegtot>=1 then knoneveg = 2; /*1+ veg per day*/ else if qvegtot ne . then knoneveg = 1; /*less than 1 veg per day*/ drop qvegtot vegtot1; </pre>

K3 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	2017 Calculated Variable Values	Programming Information / SAS Code
knfrvg	Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day during the past seven days	1 = Yes; 2 = No	<pre> *fruits and vegetables* Length qfrvg1 qfrvg2 qfrvg3 8; qfrvgtot=0; Array qfv{*} k35a k36a k37c; Array qfrvg{*} qfrvg1 qfrvg2 qfrvg3; Do i = 1 To 3; select (qfv(i)); when(1) qfrvg(i)=0; when(2) qfrvg(i)=2/7; when(3) qfrvg(i)=5/7; when(4) qfrvg(i)=1; when(5) qfrvg(i)=2; when(6) qfrvg(i)=3; when(7) qfrvg(i)=4; otherwise qfrvg(i)=.; end; qfrvgtot = qfrvgtot+qfrvg(i); end; if qfrvgtot Ge 5 then KNFRVG = 1; else if qfrvgtot Ne . then KNFRVG = 2; else KNFRVG = .; drop qfrvg1-qfrvg3 qfrvgtot; </pre>
knscreen	Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day	1 = Yes; 2 = No	<pre> *screen time* array sc1 k43 k60a; array sc2 k43hr k60hr; do i=1 to dim(sc1); select (sc1[i]); when (1) sc2[i]=0; when (2) sc2[i]=.4; when (3) sc2[i]=1; when (4) sc2[i]=2; when (5) sc2[i]=3; when (6) sc2[i]=4; when (7) sc2[i]=5; otherwise sc2[i]=.; end; end; scrtotal=k43hr+k60hr; if k43=. or k60a=. then knscreen=.; else if scrtotal le 2 then knscreen=1; else if scrtotal gt 2 then knscreen=2; drop k43hr k60hr scrtotal; </pre>

K3 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	2017 Calculated Variable Values	Programming Information / SAS Code
knpa7day	Percentage of parents who indicated that their child was physically active for a total of at least 60 minutes per day on all of the past seven days	1 = Yes; 2 = No	*physical activity* If k63=8 then knpa7day=1; Else if k63 in (1,2,3,4,5,6,7) then knpa7day=2; Else knpa7day=.
raceeth	Race/Ethnicity	k48aa 1 = A. American Indian or Alaska Native k48b 1 = B. Asian k48c 1 = C. Black or African American k48d 1 = D. Native Hawaiian or Other Pacific Islander k48e 1 = E. White	*race/ethnicity* do i=1 to dim(racersp); if racersp[i]=1 then countrace=countrace+1; end; if hisp not in (1,2) then hisp=.; if hisp=1 then raceeth=4; /* Hispanic */ else if hisp=. or countrace=0 then raceeth=.; else if countrace ge 2 then raceeth=7; /* Multi */ else if countrace=1 then do; if racevar1=1 then raceeth=1; /* AI/AN */ else if racevar2=1 then raceeth=2; /* Asian */ else if racevar3=1 then raceeth=3; /* Black/AA */ else if racevar4=1 then raceeth=5; /* Hawaiian/PI */ else if racevar5=1 then raceeth=6; /* White */ end; ethn = k47a; if sum(k48aa,k48b,k48c,k48d,k48e)>1 then race=6; else if k48aa=1 then race=1; else if k48b=1 then race=2; else if k48c=1 then race=3; else if k48d=1 then race=4; else if k48e=1 then race=5;

K3 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
1	studentid	Student ID Variable
2	pacid	PACID
3	school_name	School Name
4	doe_id	Department of Education ID
5	sau_id	SAU DOE ID
6	aos_id	AOS DOE ID
7	county_id	County Code
8	county_name	County Name
9	phd_id	Public Health District
10	phd_name	Public Health District name
11	knowt	(knowt) Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT
12	knobese	(knobese) Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT
13	knhlthwt	(knhlthwt) Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT
14	k1	(k1)What is your child's current grade level?
15	k2	(k2)What is your child's age?
16	k3	(k3)Is your child female or male?
17	k62a	(k62a)What is your relationship to this child? (Mark all that apply.) A. Mother
18	k62b	(k62b)What is your relationship to this child? (Mark all that apply.) B. Father
19	k62c	(k62c)What is your relationship to this child? (Mark all that apply.) C. Stepparent
20	k62d	(k62d)What is your relationship to this child? (Mark all that apply.) D. Guardian
21	k62e	(k62e)What is your relationship to this child? (Mark all that apply.) E. Grandparent
22	k62f	(k62f)What is your relationship to this child? (Mark all that apply.) F. Other relative
23	k5a	(k5a)What language is spoken most often at home?
24	kn5a	(kn5a)What language is spoken most often at home? Percentage of parents who answered something other than 'English'
25	k6	(k6)How would you describe your child's health status?
26	kn6	(kn6)How would you describe your child's health status? Percentage of parents who answered "Excellent", "Very good" or "Good"
27	k7	(k7)Has a doctor or nurse ever told you that your child has diabetes?
28	kn7	(kn7)Has a doctor or nurse ever told you that your child has diabetes? Percentage of parents who answered 'Yes'
29	kndiab	(kndiab) Percentage of students with diagnosed diabetes.(Excludes "Not sure" responses from k7)
30	k8	(k8)Has a doctor or nurse ever told you that your child has asthma?
31	kn8	(kn8)Has a doctor or nurse ever told you that your child has asthma? Percentage of parents who answered 'Yes'
32	knltasth	(knltasth) Percentage of students with lifetime asthma (Excludes "Not sure" responses from k8)
33	k9	(k9)Does your child still have asthma?
34	kn9	(kn9)Does your child still have asthma? Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"
35	kncrasth	(kncrasth) Percentage of students with current asthma (Excludes "Not sure" responses from k8 and k9)

K3 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
36	k10a	(k10a)Symptoms of asthma include coughing, wheezing, shortness of breath, chest tightness or phlegm production when your child does not have a cold or respiratory infection. During the past 30 days, on how many days did your child have any symptoms of asthma?
37	kn10a	(kn10a)Symptoms of asthma include coughing, wheezing, shortness of breath, chest tightness or phlegm production when your child does not have a cold or respiratory infection. During the past 30 days, on how many days did your child have any symptoms of asthma? Among parents who reported their child had asthma in kn8, percentage of parents who answered at least 1 day
38	k11	(k11)During the past 30 days, on how many days did his or her asthma make it difficult for your child to stay asleep?
39	kn11	(kn11)During the past 30 days, on how many days did his or her asthma make it difficult for your child to stay asleep? Among parents who reported their child had asthma in kn8, percentage of parents who answered at least 1 day
40	k52	(k52)During the past 12 months, how much did your child limit his or her usual activities due to asthma?
41	kn52	(kn52)During the past 12 months, how much did your child limit his or her usual activities due to asthma? Among parents who reported their child had asthma in kn8, percentage of parents who answered "One or more times per week" or "Almost daily"
42	k13	(k13)During the past 12 months, about how many days of school did your child miss because of his or her asthma?
43	kn13	(kn13)During the past 12 months, about how many days of school did your child miss because of his or her asthma? Among parents who reported their child had asthma in kn8, percentage of parents who answered "One or more times per week" or "Almost daily"
44	k14	(k14)Has a doctor, nurse, or asthma educator ever taught you what to do when your child has an asthma episode or attack?
45	kn14	(kn14)Has a doctor, nurse, or asthma educator ever taught you what to do when your child has an asthma episode or attack? Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"
46	k15a	(k15a)An Asthma Action Plan, sometimes called an Asthma Management Plan, is a printed form with asthma treatment directions from your child's doctor. It tells you what asthma medications your child should take and what asthma "triggers" your child should avoid. It also tells you how to know if your child's asthma is getting worse and what to do if it gets worse, such as when to change the amount or type of medicine and when to call the doctor or go to the emergency room. Has a doctor, nurse, or asthma educator ever given you an Asthma Action Plan for your child?
47	kn15a	(kn15a)An Asthma Action Plan, sometimes called an Asthma Management Plan, is a printed form with asthma treatment directions from your child's doctor. It tells you what asthma medications your child should take and what asthma "triggers" your child should avoid. It also tells you how to know if your child's asthma is getting worse and what to do if it gets worse, such as when to change the amount or type of medicine and when to call the doctor or go to the emergency room. Has a doctor, nurse, or asthma educator ever given you an Asthma Action Plan for your child? Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"
48	k16	(k16)Have you ever taken a course or class on how to manage your child's asthma?
49	kn16	(kn16)Have you ever taken a course or class on how to manage your child's asthma? Among parents who reported their child had asthma in kn8, percentage of parents who answered "Yes"
50	k17	(k17)Does your child currently have autism, PDD-NOS, Asperger's Disorder, or atypical autism?
51	kn17	(kn17)Does your child currently have autism, PDD-NOS, Asperger's Disorder, or atypical autism? Percentage of parents who answered "Yes"
52	k18	(k18)Does your child receive special education services for autism, PDD-NOS, Asperger's Disorder, or atypical autism at school?

K3 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
53	kn18	(kn18)Does your child receive special education services for autism, PDD-NOS, Asperger's Disorder, or atypical autism at school? Among parents who reported their child has some form of autism in kn17, percentage of parents who answered "Yes"
54	k53a	(k53a)What kind of health care coverage does your child have? A. No insurance
55	k53b	(k53b)What kind of health care coverage does your child have? B. Private insurance
56	k53ca	(k53ca)What kind of health care coverage does your child have? C. TRICARE (formerly CHAMPUS)
57	k53d	(k53d)What kind of health care coverage does your child have? D. MaineCare
58	k53e	(k53e)What kind of health care coverage does your child have? E. Other
59	kn53	(kn53)What kind of health care coverage does your child have? Percentage of parents who answered 'No health insurance'
60	k54a	(k54a)How long ago did your child last visit the dentist for preventive dental care such as check-ups and dental cleanings? (Include dental hygienists as well as all types of dentists.)
61	kn54a	(kn54a)How long ago did your child last visit the dentist for preventive dental care such as check-ups and dental cleanings? (Include dental hygienists as well as all types of dentists.) Percentage of parents who answered "12 months or less"
62	kn54a_2	(kn54a_2)How long ago did your child last visit the dentist for preventive dental care such as check-ups and dental cleanings? (Include dental hygienists as well as all types of dentists.) Percentage of parents who answered "12 months or less" (Excludes "Don't know/don't remember" responses from k54)
63	k55a	(k55a)During the past 12 months, has your child been treated for a dental condition such as toothaches, decayed teeth or cavities, broken teeth, or bleeding gums? (Do not include visits to an orthodontist for braces.)
64	kn55a	(kn55a)During the past 12 months, has your child been treated for a dental condition such as toothaches, decayed teeth or cavities, broken teeth, or bleeding gums? (Do not include visits to an orthodontist for braces.) Percentage of parents who answered "Yes"
65	kn55a_2	(kn55a_2)During the past 12 months, has your child been treated for a dental condition such as toothaches, decayed teeth or cavities, broken teeth, or bleeding gums? (Do not include visits to an orthodontist for braces.) Percentage of parents who answered "Yes" (Excludes "Don't know/don't remember" responses from k55a)
66	k22	(k22)During the past 12 months, was there a time when your child needed dental care but could not get it at that time?
67	kn22	(kn22)During the past 12 months, was there a time when your child needed dental care but could not get it at that time? Percentage of parents who answered "Yes"
68	kn22_2	(kn22_2)During the past 12 months, was there a time when your child needed dental care but could not get it at that time? Percentage of parents who answered "Yes" (Excludes "Don't know" responses from k22)
69	k23a	(k23a)The last time your child could not get the dental care they needed, what was the main reason they couldn't get care? (Please mark only one.)
70	k56a	(k56a)Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.) I do not have any dental insurance for my child
71	k56b	(k56b)Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.) Private insurance
72	k56c	(k56c)Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.) MaineCare

K3 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
73	k56da	(k56d)Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.) TRICARE (formerly CHAMPUS)
74	k56e	(k56e)Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.) Other
75	k56f	(k56f)Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.) Don't know/don't remember
76	kn56	(kn56)Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? (Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.) Percentage of parents who answered that they have insurance that pays for some or all of their child's dental care
77	k64	(k64)Has your child ever had dental sealants placed on his or her teeth at either your dental office or through a school program? (Sealants are a clear or white material placed on the chewing surface of teeth to prevent cavities.)
78	kn64	(kn64)Has your child ever had dental sealants placed on his or her teeth at either your dental office or through a school program? (Sealants are a clear or white material placed on the chewing surface of teeth to prevent cavities.) Percentage of parents who answered "Yes" (at a dental office and/or through a school program)
79	k65	(k65)Has your child ever received fluoride varnish treatments at either your dental office or through a school program?
80	kn65	(kn65)Has your child ever received fluoride varnish treatments at either your dental office or through a school program? Percentage of parents who answered "Yes" (at a dental office and/or through a school program)
81	k58a	(k58a)During the past 3 months, how many days of school has your child missed because of dental problems? (Do not include routine dentist/orthodontist visits.)
82	kn58a	(kn58a)During the past 3 months, how many days of school has your child missed because of dental problems? (Do not include routine dentist/orthodontist visits.) Percentage of parents who answered at least 1 day
83	kncaries	(kncaries) Presence of treated dental caries (Observed during oral health assessment)
84	kncavit	(kncavit) Presence of untreated dental caries (Observed during oral health assessment)
85	kncarexp	(kncarexp) Caries Experience (Presence of treated or untreated dental caries)
86	knseal	(knseal) Presence of Sealants (Observed during oral health assessment)
87	kntreat	(kntreat) Early/Urgent Dental Care Needed (Observed during oral health assessment)
88	k27a	(k27a)When your child is outside for more than one hour on a sunny day, how often does he or she wear sunscreen with an SPF of 15 or higher?
89	kn27a	(kn27a)When your child is outside for more than one hour on a sunny day, how often does he or she wear sunscreen with an SPF of 15 or higher? Percentage of parents who answered "Most of the time" or "Always"
90	k28a	(k28a)On a sunny day, when your child is outside for more than 15 minutes between 11 a.m. and 3 p.m., how often does he or she do one of the following: stay in the shade, wear clothes covering most of his or her arms and legs, or wear a hat?
91	kn28a	(kn28a)On a sunny day, when your child is outside for more than 15 minutes between 11 a.m. and 3 p.m., how often does he or she do one of the following: stay in the shade, wear clothes covering most of his or her arms and legs, or wear a hat? Percentage of parents who answered "Most of the time" or "Always"
92	k29	(k29)During the past 12 months, has your child had any sunburns? A sunburn is any reddening or burn of the skin that lasts until the next day.
93	kn29	(kn29)During the past 12 months, has your child had any sunburns? A sunburn is any reddening or burn of the skin that lasts until the next day. Percentage of parents who answered "Yes"

K3 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
94	kn29_2	(kn29_2)During the past 12 months, has your child had any sunburns? A sunburn is any reddening or burn of the skin that lasts until the next day. Percentage of parents who answered "Yes" (Excludes "Not sure" responses from k29)
95	k30	(k30)How many people living in the same household as your child smoke cigarettes, cigars, or pipes inside the house?
96	kn30	(kn30)How many people living in the same household as your child smoke cigarettes, cigars, or pipes inside the house? Percentage of parents who answered at least 1 person
97	k31a	(k31a)How often does your child ride in a booster car seat?
98	kn31a	(kn31a)How often does your child ride in a booster car seat? Percentage of parents who answered 'Never' or 'Rarely'
99	kn31a_2	(kn31a_2)How often does your child ride in a booster car seat? Percentage of parents who answered 'Always'
100	k32	(k32)When your child rides in a car, truck, or van, how often does he or she sit in the back seat?
101	kn32	(kn32)When your child rides in a car, truck, or van, how often does he or she sit in the backseat? Among those who have a back seat available, percentage of parents who answered "Never sits in the back seat" or "Sometimes sits in the back seat"
102	k33a	(k33a)How often does your child ride with teenage drivers, such as older brothers or sisters, relatives, or older friends?
103	kn33a_2	(kn33a_2)How often does your child ride with teenage drivers, such as older brothers or sisters, relatives, or older friends? Percentage of parents who answered "Never" or "Rarely"
104	k34a	(k34a)How often does your child wear a helmet when riding a bike?
105	kn34a	(kn34a)How often does your child wear a helmet when riding a bike? Among those whose child rides a bike, percentage of parents who answered "Never" or "Rarely"
106	k35a	(k35a)During the past 7 days, how many times did your child 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.)
107	k36a	(k36a)During the past 7 days, how many times did your child eat fruit? (Do not count fruit juice.)
108	knfruit	(knfruit) Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days
109	knonefrt	(knonefrt)Percentage of students who consumed less than 1 fruit or 100% fruit juice per day during the past 7 days
110	k37c	(k37c)During the past 7 days, how many times did your child eat vegetables, such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.)
111	knveg	(knveg) Percentage of students who ate vegetables three or more times per day during the past seven days
112	knoneveg	(knoneveg)Percentage of students who consumed less than 1 vegetable per day during the past 7 days
113	knfrvg	(knfrvg)Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day during the past seven days
114	k59a	(k59a)During the past 7 days, how many times did your child drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.)
115	kn59a	(kn59a)During the past 7 days, how many times did your child drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of parents who answered at least one time per day in the past week
116	k39b	(k39b)During the past 7 days, how many glasses of milk did your child drink? (Count the milk your child drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.)
117	kn39b	(kn39b)During the past 7 days, how many glasses of milk did your child drink? (Count the milk your child drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.) Percentage of parents who answered three or more glasses per day

K3 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
118	k40	(k40)In the last 12 months, how often did you (or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food?
119	kn40	(kn40)In the last 12 months, how often did you (or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food? Percentage of parents who answered at least once
120	kn40_2	(kn40_2)In the last 12 months, how often did you (or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food? Percentage of parents who answered at least once (Excludes "Don't know" responses from k40)
121	k41	(k41)In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money to buy food?
122	kn41	(kn41)In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money to buy food? Percentage of parents who answered at least once
123	kn41_2	(kn41_2)In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money to buy food? Percentage of parents who answered at least once (Excludes "Don't know" responses from k41)
124	k42	(k42)In the last 12 months, were you ever hungry but didn't eat because you couldn't afford enough food?
125	kn42	(kn42)In the last 12 months, were you ever hungry but didn't eat because you couldn't afford enough food? Percentage of parents who answered at least once
126	kn42_2	(kn42_2)In the last 12 months, were you ever hungry but didn't eat because you couldn't afford enough food? Percentage of parents who answered at least once (Excludes "Don't know" responses from k42)
127	k43	(k43)On an average school day, how many hours does your child watch TV?
128	kn43	(kn43)On an average school day, how many hours does your child watch TV? Percentage of parents who answered 3 or more hours
129	kn43_2	(kn43_2)On an average school day, how many hours does your child watch TV? Percentage of parents who answered 2 or fewer hours
130	k60a	(k60a)On an average school day, how many hours does your child play video or computer games or use a computer for something that is not school work? (Count time spent on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)
131	kn60a	(kn60a)On an average school day, how many hours does your child play video or computer games or use a computer for something that is not school work? (Count time spent on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.) Percentage of parents who answered 3 or more hours
132	kn60a_2	(kn60a_2)On an average school day, how many hours does your child play video or computer games or use a computer for something that is not school work? (Count time spent on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.) Percentage of parents who answered 2 or fewer hours
133	knscreen	(knscreen) Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day
134	k63	(k63)During the past 7 days, on how many days was your child physically active for a total of at least 60 minutes per day? (Add up all of the time your child spent in any kind of physical activity that increased his or her heart rate and made your child breathe hard some of the time.)
135	kn63	(kn63)During the past 7 days, on how many days was your child physically active for a total of at least 60 minutes per day? (Add up all of the time your child spent in any kind of physical activity that increased his or her heart rate and made your child breathe hard some of the time.) Percentage of parents who answered 5 or more days
136	knpa7day	(knpa7day)Percentage of parents who indicated that their child was physically active for a total of at least 60 minutes per day on all of the past seven days

K3 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
137	k44	(k44)How often do you feel that your child is safe in your community or neighborhood?
138	kn44	(kn44)How often do you feel that your child is safe in your community or neighborhood? Percentage of parents who answered "Usually" or "Always"
139	k46	(k46)How often do you feel that your child is safe at school?
140	kn46	(kn46)How often do you feel that your child is safe at school? Percentage of parents who answered 'Usually' or 'Always'
141	k47a	(k47a)Is your child Hispanic or Latino?
142	k48aa	(k48aa)Which of the following would you say is your child's race(s)? (Mark all that apply.) A. American Indian or Alaska Native
143	k48b	(k48b)Which of the following would you say is your child's race(s)? (Mark all that apply.) B. Asian
144	k48c	(k48c)Which of the following would you say is your child's race(s)? (Mark all that apply.) C. Black or African American
145	k48d	(k48d)Which of the following would you say is your child's race(s)? (Mark all that apply.) D. Native Hawaiian or Other Pacific Islander
146	k48e	(k48e)Which of the following would you say is your child's race(s)? (Mark all that apply.) E. White
147	raceeth	Race/Ethnicity
148	hisp	Hispanic ethnicity
149	race	Combined Race Category
150	k49a	(k49a)What is the highest level of education attained by anyone in your child's household?
151	k50	(k50)Does your child receive free or reduced priced meals at school?
152	feet	Measured height -- feet
153	inches	Measured height -- inches
154	weight	Measured weight in pounds
155	cavities	Dental Exam - Cavities (cavities)
156	caries	Dental Exam - Caries (caries)
157	sealants	Dental Exam - Sealants (sealants)
158	treatment_urgency	Dental Exam - Treatment Urgency (treatment_urgency)
159	bmi	Body Mass Index
160	bmipct	BMI Percentile
161	vbivbmi	VBIVBMI Biologically Implausible Values for BMI
162	sex	Sex
163	grade	Grade Level
164	subvert	Record Subverted
165	wsta	State Level Weight
166	wsta2	State Level Weights for Oral Health Section
167	psu_school	PSU for School Level Analysis
168	str_school	Strata for School Level Analysis
169	psu_notschool	PSU for District Level (and above) Analysis
170	str_notschool	Strata for District Level (and above) Analysis



2017 MIYHS CODEBOOK FOR 5/6 MODULE

5/6 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary variable	2017 Answer of Interest	2017 Aofl Values	2017 Numerator	2017 Denominator
e1	N/A	How old are you?	1 = A. 9 years old or younger; 2 = B. 10 years old; 3 = C. 11 years old; 4 = D. 12 years old; 5 = E. 13 years old or older	N/A	N/A	N/A	N/A	N/A
e2	N/A	What is your sex?	1 = A. Female; 2 = B. Male	N/A	N/A	N/A	N/A	N/A
e3	N/A	In what grade are you?	1 = A. 5th grade; 2 = B. 6th grade; 3 = C. Ungraded or other grade	N/A	N/A	N/A	N/A	N/A
e4	N/A	Are you Hispanic or Latino?	1 = A. Yes; 2 = B. No	N/A	N/A	N/A	N/A	N/A
e5aa	N/A	What is your race? (Select one or more responses.)	1 = A. American Indian or Alaska Native	N/A	N/A	N/A	N/A	N/A
e5b			1 = B. Asian					
e5c			1 = C. Black or African American					
e5d			1 = D. Native Hawaiian or Other Pacific Islander					
e5e			1 = E. White					
e6a	D	What language is spoken most often at home?	1 = A. Acholi; 2 = B. Arabic; 3 = C. English; 4 = D. French; 5 = E. Khmer; 6 = F. Somali; 7 = G. Spanish; 8 = H. Some other language	en6a	Percentage of students who answered something other than "English"	1 = Yes; 2 = No	A, B, D, E, F, G, or H	A, B, C, D, E, F, G, or H
e7a	D, ©	How often do you wear a seat belt when riding in a car?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	en7a	Percentage of students who answered "Never" or "Rarely"	1 = Yes; 2 = No	A or B	A, B, C, D or E
e7a	D, ©	How often do you wear a seat belt when riding in a car?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	en7a_2	Percentage of students who answered "Always"	1 = Yes; 2 = No	E	A, B, C, D or E
e8a	D, ©	How often do you sit in the back seat when you are riding in a car?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	en8a	Percentage of students who answered "Never" or "Rarely"	1 = Yes; 2 = No	A or B	A, B, C, D or E

5/6 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary variable	2017 Answer of Interest	2017 Aofl Values	2017 Numerator	2017 Denominator
e9a	D, ©	When you ride a bicycle, how often do you wear a helmet?	1 = A. I do not ride a bicycle; 2 = B. Never wear a helmet; 3 = C. Rarely wear a helmet; 4 = D. Sometimes wear a helmet; 5 = E. Most of the time wear a helmet; 6 = F. Always wear a helmet	en9a	Among students who ride a bicycle, the percentage of students who answered "Never" or "Rarely"	1 = Yes; 2 = No	B or C	B, C, D, E, or F (Exclude A)
e51	D, ©	Have you ever been bullied on school property?	1 = Yes; 2 = No	en51	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
e52a	D, ©	Have you ever been bullied away from school property?	1 = Yes; 2 = No	en52a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
e12	D, ©	Do you agree or disagree with the following statement? "I feel safe at my school."	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Disagree; 4 = D. Strongly disagree	en12	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, or D
e13	D, ©	Have you ever tried cigarette smoking, even one or two puffs?	1 = Yes; 2 = No	en13	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
e14	D, ©	During the past 30 days, on how many days did you smoke cigarettes?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	en14	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
e15	D, ©	Do you think you will try a cigarette soon?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	en15	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
e16	D, ©	Do you think you will smoke a cigarette at anytime during the next year?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	en16	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
e16	D, ©	Do you think you will smoke a cigarette at anytime during the next year?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	en16_2	Percentage of students who answered "I definitely will not"	1 = Yes; 2 = No	D	A, B, C, or D
e17	D, ©	If one of your best friends offered you a cigarette, would you smoke it?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	en17	Percentage of students who answered "Definitely yes", "Probably yes" or "Probably not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
e18a	D, ©	Have you ever had a drink of alcohol, other than a few sips?	1 = Yes; 2 = No	en18a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
e19	D, ©	During the past 30 days, on how many days did you have at least one drink of alcohol?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	en19	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G

5/6 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary variable	2017 Answer of Interest	2017 Aofl Values	2017 Numerator	2017 Denominator
e20	D, ©	If you wanted to get some alcohol, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	en20	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
e21	D, ©	How wrong do your parents feel it would be for you to drink alcohol regularly?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	en21	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
e53	D, ©	Have you ever used marijuana?	1 = Yes; 2 = No	en53	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
e22a	D, ©	Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high?	1 = Yes; 2 = No	en22a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
e23	D, ©	During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or drug use?	1 = A. Yes; 2 = B. No; 3 = C. Don't know	en23	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
e24	D, ©	Do you agree or disagree with the following statement? "My family has clear rules about alcohol and drug use."	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Disagree; 4 = D. Strongly disagree	en24	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, or D
e62	D, ©	On an average school day, how long after school are you alone without a parent or trusted adult?	1=A. I am not alone after school 2=B. Less than 1 hour per day 3=C. 2 hours per day 4=D. 3 hours per day 5=E. 4 hours per day 6=F. 5 hours per day 7=G. 6 or more hours per day	en62	Percentage of students who answered "2 hours or more"	1 = Yes; 2 = No	C, D, E, F, and G	A, B, C, D, E, F, or G,
e63	N/A	Yesterday, 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.)	1=A. 0 times, I did not drink 100% fruit juice yesterday 2. = B. 1 time 3. = C. 2 times 4. = D. 3 times 5. = E. 4 or more times	N/A	N/A	N/A	N/A	N/A
e64	N/A	Yesterday, how many times did you eat fruit? (Do not count fruit juice)	1=A. 0 times, I did not eat fruit yesterday 2. = B. 1 time 3. = C. 2 times 4. = D. 3 times 5. = E. 4 or more times	N/A	N/A	N/A	N/A	N/A

5/6 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary variable	2017 Answer of Interest	2017 Aofl Values	2017 Numerator	2017 Denominator
e66	D, ©	Yesterday, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.)	1=A. 0 times,I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages yesterday 2. = B. 1 time 3. = C. 2 times 4. = D. 3 times 5. = E. 4 or more times	en66	Percentage of students who answered at least one time yesterday	1 = Yes; 2 = No	B, C, D, E	A, B, C, D, or E
e67	D, ©	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians ?	1=A. 0 days, 2=B. 1 day 3=C. 2 days 4=D. 3 days 5=E. 4 days 6=F. 5 days 7=G. 6 days 8=H. 7 days	en67	Percentage of students who answered at least 5 days	1= Yes; 2= No	F, G, H	A, B, C, D, E, F, G, H
e68	D, ©	How many days each week do you exercise, dance or play sports for at least an hour?	2 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	en68	Percentage of students who answered at least 7 days.	1 = Yes; 2 = No	H	A, B, C, D, E, F, G or H
e34	D, ©	On an average school day, how many hours do you watch TV?	1 = A. I do not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	en34	Percentage of students who answered at least 3 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
e34	D, ©	On an average school day, how many hours do you watch TV?	1 = A. I do not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	en34_2	Percentage of students who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G

5/6 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary variable	2017 Answer of Interest	2017 Aofl Values	2017 Numerator	2017 Denominator
e57a	D, ©	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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)	1 = A. I do not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	en57a	Percentage of students who answered at least 3 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
e57a	D, ©	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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)	1 = A. I do not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	en57a_2	Percentage of students who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G
e35	D, ©	During an average week, how many days do you spend time in clubs, after-school programs, or other organized activities (other than sports) outside of regular school hours?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	en35	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G or H
e69	D, ©	Has a doctor, nurse, or other adult ever told you that you have asthma?	1=A. Yes 2=B. No 3=C. Not Sure	en69	Percentage of students who answered "Yes" (Excludes "Not Sure" responses)	1 = Yes; 2 = No	A	A or B (Exclude C)
e59	⊖	Do you still have asthma?	1=A. I have never had asthma 2=B. Yes 3=C. No 4=D. Not Sure	N/A	N/A	N/A	N/A	N/A
e38b	D	Has a doctor, nurse, or asthma educator ever taught you what to do during an asthma episode or attack?	1 = A. I have never had asthma; 2 = B. Yes; 3 = C. No; 4 = D. Not sure	en38b_3	Among students who reported to have asthma in e69, the percentage of students who answered "Yes"	1 = Yes; 2 = No	e69=A & e38b=B	e69=A & e38b=B, C, or D (Exclude A)
e70	D	During the past month, has asthma limited your usual activities?	1=A. I have never had asthma 2=B. Yes 3=C. No 4=D. Not Sure	en70	Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e70)	1 = Yes; 2 = No	e69=A & e70=B	e69=A & e70=B or C (Exclude A & D)
e71	D	Have you missed school this year because of your asthma?	1=A. I have never had asthma 2=B. Yes 3=C. No 4=D. Not Sure	en71	Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e71)	1 = Yes; 2 = No	e69=A & e71=B	e69=A & e71=B or C (Exclude A & D)

5/6 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary variable	2017 Answer of Interest	2017 AofI Values	2017 Numerator	2017 Denominator
e72	D	During the past month, did your asthma make it difficult for you to stay asleep?	1=A. I have never had asthma 2=B. Yes 3=C. No 4=D. Not Sure	en72	Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e72)	1 = Yes; 2 = No	e69=A & e72=B	e69=A & e72=B or C (Exclude A & D)
e73	D	During the past month, did you ever have any symptoms of asthma such as shortness of breath, tightness in your chest, or a wheezing cough?	1=A. I have never had asthma 2=B. Yes 3=C. No 4=D. Not Sure	en73	Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e73)	1 = Yes; 2 = No	e69=A & e73=B	e69=A & e73=B or C (Exclude A & D)
e43a	D, ©	Has a doctor or nurse ever told you that you have diabetes?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	en43a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
e60	D, ©	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	1 = A. During the past 12 months (1 year); 2 = B. Between 12 and 24 months ago (1-2 years); 3 = C. More than 24 months ago (more than 2 years); 4 = D. Never; 5 = E. Not sure	en60	Percentage of students who answered "During the past 12 months (1 year)" (Excludes "Not sure" responses from e60)	1 = Yes; 2 = No	A	A, B, C, or D (Exclude E)
e61	D, ©	Have you missed any school this year because of problems with your teeth? For example, you needed to get a cavity filled or your tooth hurt. We are not asking about missing school to see a dentist for a regular check-up or cleaning.	1 = A. Yes; 2 = B. No; 3 = C. Don't know	en61	Percentage of students who answered "Yes" (Excludes "Don't know" responses from e61)	1 = Yes; 2 = No	A	A or B (Exclude C)
e46	D, ©	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?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	en46	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
e47	D, ©	When you are outside for more than one hour on a sunny day, how often do you do one of the following: stay in the shade, wear clothing that covers most of your arms and legs, or wear a hat?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	en47	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
e48	D, ©	During the past year, have you had any sunburns? (A sunburn is any reddening or burn of the skin that lasts until the next day.)	1 = A. Yes; 2 = B. No; 3 = C. Not sure	en48	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
e48	D	During the past year, have you had any sunburns? (A sunburn is any reddening or burn of the skin that lasts until the next day.)	1 = A. Yes; 2 = B. No; 3 = C. Not sure	en48_2	Percentage of students who answered "Yes" (Excludes "Not sure" responses from e48)	1 = Yes; 2 = No	A	A or B (Exclude C)

5/6 Survey Questions and Summary Variables

2017 Variable	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary variable	2017 Answer of Interest	2017 Aofl Values	2017 Numerator	2017 Denominator
e49	D, ©	Do you agree or disagree that you have parents who try to help you succeed?	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Not sure; 4 = D. Disagree; 5 = E. Strongly disagree	en49	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
e50	D, ©	Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it?	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Not sure; 4 = D. Disagree; 5 = E. Strongly disagree	en50	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, D, or E

5/6 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	Calculated Variable Values	Programming Information / SAS Code
enowt2	Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT	1 = Yes; 2 = No	See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm (If bmipt Ge 85 and bmipt Lt 95 Then ENOWT2 = 1;)
enobese2	Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT	1 = Yes; 2 = No	See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm (If bmipt Ge 95 Then ENOBESE2 = 1;)
enhlthwt2	Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT	1 = Yes; 2 = No	See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm to calculate BMI percentiles. (After setting outliers (_bivbmi in (1,2)) to missing: *healthy weight*; if bmipt = . then enhlthwt2 = . ; else if bmipt >= 5 and bmipt < 85 then enhlthwt2 = 1; else if bmipt < 5 or bmipt >= 85 then knhlthwt = 2;)
raceeth	Race/Ethnicity	e5aa 1 = A. American Indian or Alaska Native e5b 1 = B. Asian e5c 1 = C. Black or African American e5d 1 = D. Native Hawaiian or Other Pacific Islander e5e 1 = E. White	*race/ethnicity* hisp=e4; racevar1=e5aa; racevar2=e5b; racevar3=e5c; racevar4=e5d; racevar5=e5e; array raceresp racevar1 racevar2 racevar3 racevar4 racevar5; countrace=0; length raceeth 8; do i=1 to dim(raceresp); if raceresp[i]=1 then countrace=countrace+1; end; if hisp not in (1,2) then hisp=.; if hisp=1 then raceeth=4; /* Hispanic */ else if hisp=. or countrace=0 then raceeth=.; else if countrace ge 2 then raceeth=7; /* Multi */ else if countrace=1 then do; if racevar1=1 then raceeth=1; /* AI/AN */ else if racevar2=1 then raceeth=2; /* Asian */ else if racevar3=1 then raceeth=3; /* Black/AA */ else if racevar4=1 then raceeth=5; /* Hawaiian/PI */ else if racevar5=1 then raceeth=6; /* White */ end; ethn = e4; if sum(e5aa,e5b,e5c,e5d,e5e)>1 then race=6; else if e5aa=1 then race=1; else if e5b=1 then race=2; else if e5c=1 then race=3; else if e5d=1 then race=4; else if e5e=1 then race=5;

5/6 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	Calculated Variable Values	Programming Information / SAS Code
entobsus	Percentage of students who are susceptible to cigarette use (among all students including those who have tried or are current cigarette users)	1 = Yes; 2 = No	*susceptible to tobacco use* if not missing(e15) and not missing(e16) and not missing(e17) then do; if e15 in (1,2,3) or e16 in (1,2,3) or e17 in (1,2,3) then entobsus=1; else if e15=4 or e16=4 or e17=4 then entobsus=2; end;
entobsus_2	Percentage of students who are susceptible to cigarette use (among students who have never tried cigarettes)	1 = Yes; 2 = No	*susceptible to tobacco use 2* if e13 = . or e15 = . or e16 = . or e17 = . then entobsus_2 = .; else if e13 = 2 then do; if e15 in (1,2,3) or e16 in (1,2,3) or e17 in (1,2,3) then entobsus_2 = 1; if e15 = 4 and e16 = 4 and e17 = 4 then entobsus_2 = 2; end;
enfruit_2	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times yesterday	1 = Yes; 2 = No	*fruit* Length qfruit1 qfruit2 8; qfrtot=0; Array qfr{2} e63 e64; Array qfruit{2} qfruit1 qfruit2; do i=1 to 2; select (qfr{i}); when('1') qfruit{i}=0; when('2') qfruit{i}=1; when('3') qfruit{i}=2; when('4') qfruit{i}=3; when('5') qfruit{i}=4; otherwise qfruit{i}=.; end; qfrtot = qfrtot+qfruit{i}; end; if qfrtot>=2 then enfruit_2=1; else if qfrtot ne . then enfruit_2=2; else enfruit_2=.;
enonefrt	Percentage of students who consumed less than 1 fruit or 100% fruit juice yesterday	1 = Yes; 2 = No	*one fruit* if qfrtot>=1 then enonefrt = 2; else if qfrtot ne . then enonefrt = 1; drop qfruit1-qfruit2 qfrtot;
enoneveg	Percentage of students who ate vegetables less than 1 time yesterday	1 = Yes; 2 = No	*one vegetable* enoneveg = .; if qvegtot>=1 then enoneveg = 2; /*1+ veg per day*/ else if qvegtot ne . then enoneveg = 1; /*less than 1 veg per day*/ drop qvegtot vegtot1;
enveg_2	Percentage of students who ate vegetables three or more times yesterday	1 = Yes; 2 = No	*vegetables* if e31b in (6,7) then enveg=1; else if e31b in (1,2,3,4,5) then enveg=2;

5/6 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	Calculated Variable Values	Programming Information / SAS Code
enfrvg_2	Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day yesterday	1 = Yes; 2 = No	<pre> *fruits and vegetables* Length qfrvg1 qfrvg2 qfrvg3 8; qfrvgtot=0; Array qfv{3} e63 e64 e65; Array qfrvg{3} qfrvg1 qfrvg2 qfrvg3; do i=1 to 3; select (qfv{i}); when('1') qfrvg{i}=0; when('2') qfrvg{i}=1; when('3') qfrvg{i}=2; when('4') qfrvg{i}=3; when('5') qfrvg{i}=4; otherwise qfrvg{i}=.; end; qfrvgtot = qfrvgtot+qfrvg{i}; end; if qfrvgtot>=5 then enfrvg_2=1; else if qfrvgtot ne . then enfrvg_2=2; else enfrvg_2=.; drop qfrvg1-qfrvg3 qfrvgtot; </pre>
enscreen	Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day	1 = Yes; 2 = No	<pre> *screen time* array sc1 e34 e57a; array sc2 e34hr e57ahr; do i=1 to dim(sc1); select (sc1[i]); when (1) sc2[i]=0; when (2) sc2[i]=.4; when (3) sc2[i]=1; when (4) sc2[i]=2; when (5) sc2[i]=3; when (6) sc2[i]=4; when (7) sc2[i]=5; otherwise sc2[i]=.; end; end; scrtotal=e34hr+e57ahr; if e34=. or e57a=. then enscreen=.; else if scrtotal le 2 then enscreen=1; else if scrtotal gt 2 then enscreen=2; </pre>

5/6 Calculated Variables

2017 Summary Variable	2017 Calculated Variable Wording	Calculated Variable Values	Programming Information / SAS Code
encrasth_2	Percentage of students with current asthma prevalence (Excludes "Not sure" responses from e69 and e59)	1 = Yes; 2 = No	<pre>*current asthma* if e69 = 2 then encrasth_2 = 2; else if e69 = 1 then do; if e59 = 2 then encrasth_2 = 1; else if e59 = 3 then encrasth_2 = 2; end;</pre>
endiab	Percentage of students with diagnosed diabetes (Excludes "Not sure" responses from e43a)	1 = Yes; 2 = No	<pre>*diabetes* if e43a = 1 then endiab = 1; else if e43a = 2 then endiab = 2; else if e43a = 3 then endiab = .;</pre>

5/6 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
1	studentid	Student ID Variable
2	pacid	PACID
3	class_code	Class Code
4	school_name	School Name
5	doe_id	Department of Education ID
6	sau_id	SAU DOE ID
7	aos_id	AOS DOE ID
8	county_id	County Code
9	county_name	County Name
10	phd_id	Public Health District
11	phd_name	Public Health District name
12	enowt2	(enowt2) Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT
13	enobese2	(enobese2) Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT
14	enhlthwt2	(enhlthwt2) Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT
15	e1	(e1)How old are you?
16	e2	(e2)What is your sex?
17	e3	(e3)In what grade are you?
18	e4	(e4)Are you Hispanic or Latino?
19	e5aa	(e5aa)What is your race? (Select one or more responses.) A. American Indian or Alaska Native
20	e5b	(e5b)What is your race? (Select one or more responses.) B. Asian
21	e5c	(e5c)What is your race? (Select one or more responses.) C. Black or African American
22	e5d	(e5d)What is your race? (Select one or more responses.) D. Native Hawaiian or Other Pacific Islander
23	e5e	(e5e)What is your race? (Select one or more responses.) E. White
24	raceeth	Race/Ethnicity
25	hisp	Hispanic ethnicity
26	race	Combined Race Category
27	e6a	(e6a)What language is spoken most often at home?
28	en6a	(en6a)What language is spoken most often at home? Percentage of students who answered something other than 'English'
29	e7a	(e7a)How often do you wear a seat belt when riding in a car?
30	en7a	(en7a)How often do you wear a seat belt when riding in a car? Percentage of students who answered 'Never' or 'Rarely'
31	en7a_2	(en7a_2)How often do you wear a seat belt when riding in a car? Percentage of students who answered 'Always'
32	e8a	(e8a)How often do you sit in the back seat when you are riding in a car?
33	en8a	(en8a)How often do you sit in the back seat when you are riding in a car? Percentage of students who answered 'Never' or 'Rarely'
34	e9a	(e9a)When you ride a bicycle, how often do you wear a helmet?
35	en9a	(en9a)When you ride a bicycle, how often do you wear a helmet? Among students who ride a bicycle, the percentage of students who answered "Never" or "Rarely"
36	e51	(e51)Have you ever been bullied on school property?
37	en51	(en51)Have you ever been bullied on school property? Percentage of students who answered 'Yes'
38	e52a	(e52a)Have you ever been bullied away from school property?
39	en52a	(en52a)Have you ever been bullied away from school property? Percentage of students who answered 'Yes'
40	e12	(e12)Do you agree or disagree with the following statement? 'I feel safe at my school.'
41	en12	(en12)Do you agree or disagree with the following statement? 'I feel safe at my school.' Percentage of students who answered "Strongly agree" or "Agree"
42	e13	(e13)Have you ever tried cigarette smoking, even one or two puffs?
43	en13	(en13)Have you ever tried cigarette smoking, even one or two puffs? Percentage of students who answered 'Yes'
44	e14	(e14)During the past 30 days, on how many days did you smoke cigarettes?
45	en14	(en14)During the past 30 days, on how many days did you smoke cigarettes? Percentage of students who answered at least 1 day
46	e15	(e15)Do you think you will try a cigarette soon?
47	en15	(en15)Do you think you will try a cigarette soon? Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"
48	e16	(e16)Do you think you will smoke a cigarette at anytime during the next year?
49	en16	(en16)Do you think you will smoke a cigarette at anytime during the next year? Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"
50	en16_2	(en16_2)Do you think you will smoke a cigarette at anytime during the next year? Percentage of students who answered "I definitely will not"
51	e17	(e17)If one of your best friends offered you a cigarette, would you smoke it?

5/6 Dataset - Variable Descriptions

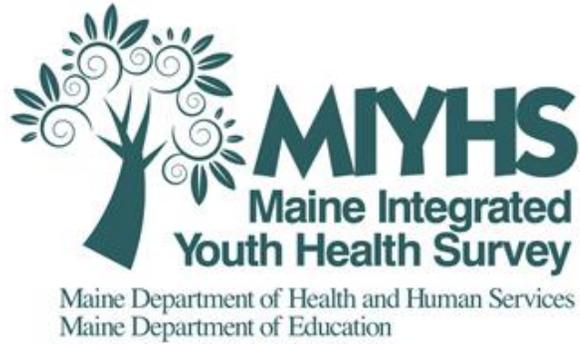
SPSS Row	2017 Variable	Description
52	en17	(en17)If one of your best friends offered you a cigarette, would you smoke it? Percentage of students who answered "Definitely yes", "Probably yes" or "Probably not"
53	entobsus	(entobsus) Percentage of students who are susceptible to cigarette use (among all students including those who have tried or are current cigarette users)
54	entobsus_2	(entobsus_2)Percentage of students who are susceptible to cigarette use (among students who have never tried cigarettes)
55	e18a	(e18a)Have you ever had a drink of alcohol, other than a few sips?
56	en18a	(en18a)Have you ever had a drink of alcohol, other than a few sips? Percentage of students who answered 'Yes'
57	e19	(e19)During the past 30 days, on how many days did you have at least one drink of alcohol?
58	en19	(en19)During the past 30 days, on how many days did you have at least one drink of alcohol? Percentage of students who answered at least 1 day
59	e20	(e20)If you wanted to get some alcohol, how easy would it be for you to get some?
60	en20	(en20)If you wanted to get some alcohol, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
61	e21	(e21)How wrong do your parents feel it would be for you to drink alcohol regularly?
62	en21	(en21)How wrong do your parents feel it would be for you to drink alcohol regularly? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
63	e53	(e53)Have you ever used marijuana?
64	en53	(en53)Have you ever used marijuana? Percentage of students who answered 'Yes'
65	e22a	(e22a)Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high?
66	en22a	(en22a)Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high? Percentage of students who answered "Yes"
67	e23	(e23)During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or drug use?
68	en23	(en23)During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or drug use? Percentage of students who answered "Yes"
69	e24	(e24)Do you agree or disagree with the following statement? 'My family has clear rules about alcohol and drug use.'
70	en24	(en24)Do you agree or disagree with the following statement? 'My family has clear rules about alcohol and drug use.' Percentage of students who answered "Strongly agree" or "Agree"
71	e62	(e62) On an average school day, how long after school are you alone without a parent or trusted adult?
72	en62	(e62) On an average school day, how long after school are you alone without a parent or trusted adult? Percentage of students who answered "2 hours or more"
73	e63	(e63)Yesterday, 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.)
74	e64	(e64)Yesterday, how many times did you eat fruit? (Do not count fruit juice)
75	enfruit_2	(enfruit_2)Percentage of students who drank 100% fruit juice and/or ate fruit two or more times yesterday
76	enonefrt	(enonefrt)Percentage of students who consumed less than 1 fruit or 100% fruit juice yesterday
77	e65	(e65)Yesterday, how many times did you eat vegetables, such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.)
78	enoneveg	(enoneveg)Percentage of students who ate vegetables less than 1 time yesterday
79	enveg_2	(enveg_2)Percentage of students who ate vegetables three or more times yesterday
80	enfrvg_2	(enfrvg_2) Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day yesterday
81	e66	(e66)Yesterday, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.)
82	en66	(en66)Yesterday, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of students who answered at least one time yesterday
83	e67	(e67)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?
84	en67	(e67)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians? Percentage of students who answered at least 5 days
85	e68	(e68)How many days each week do you exercise, dance or play sports for at least an hour?
86	en68	(en68)How many days each week do you exercise, dance or play sports for at least an hour? Percentage of students who answered at least 7 days.
87	e34	(e34)On an average school day, how many hours do you watch TV?
88	en34	(en34)On an average school day, how many hours do you watch TV? Percentage of students who answered at least 3 hours

5/6 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
89	en34_2	(en34_2)On an average school day, how many hours do you watch TV? Percentage of students who answered 2 or fewer hours
90	e57a	(e57a)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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)
91	en57a	(en57a)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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.) Percentage of students who answered at least 3 hours
92	en57a_2	(en57a_2)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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.) Percentage of students who answered 2 or fewer hours
93	enscreen	(enscreen) Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day
94	e35	(e35)During an average week, how many days do you spend time in clubs, after-school programs, or other organized activities (other than sports) outside of regular school hours?
95	en35	(en35)During an average week, how many days do you spend time in clubs, after-school programs, or other organized activities (other than sports) outside of regular school hours? Percentage of students who answered at least 1 day
96	e69	(e69)Has a doctor, nurse, or other adult ever told you that you have asthma?
97	en69	(e69)Has a doctor, nurse, or other adult ever told you that you have asthma? Percentage of students who answered "Yes" (Excludes "Not Sure" responses)
98	e59	(e59)Do you still have asthma?
99	encrasth_2	(encrasth_2) Percentage of students with current asthma prevalence (Excludes Not sure responses from e69 and e59)
100	e38b	(e38b)Has a doctor, nurse, or asthma educator ever taught you what to do during an asthma episode or attack?
101	en38b_3	(en38b_3)Has a doctor, nurse, or asthma educator ever taught you what to do during an asthma episode or attack? Among students who reported to have asthma in e69, the percentage of students who answered "Yes"
102	e70	(e70)During the past month, has asthma limited your usual activities?
103	en70	(en70)During the past month, has asthma limited your usual activities? Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e70)
104	e71	(e71)Have you missed school this year because of your asthma?
105	en71	(en71)Have you missed school this year because of your asthma? Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e71)
106	e72	(e72)During the past month, did your asthma make it difficult for you to stay asleep?
107	en72	(en72)During the past month, did your asthma make it difficult for you to stay asleep? Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e72)
108	e73	(e73)During the past month, did you ever have any symptoms of asthma such as shortness of breath, tightness in your chest, or a wheezing cough?
109	en73	(en73)During the past month, did you ever have any symptoms of asthma such as shortness of breath, tightness in your chest, or a wheezing cough? Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e73)
110	e43a	(e43a)Has a doctor or nurse ever told you that you have diabetes?
111	en43a	(en43a)Has a doctor or nurse ever told you that you have diabetes? Percentage of students who answered 'Yes'
112	endiab	(endiab) Percentage of students with diagnosed diabetes (Excludes "Not sure" responses from e43a)
113	e60	(e60)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?
114	en60	(en60)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work? Percentage of students who answered "During the past 12 months (1 year)" (Excludes "Not sure" responses from e60)
115	e61	(e61)Have you missed any school this year because of problems with your teeth? For example, you needed to get a cavity filled or your tooth hurt. We are not asking about missing school to see a dentist for a regular check-up or cleaning.
116	en61	(en61)Have you missed any school this year because of problems with your teeth? For example, you needed to get a cavity filled or your tooth hurt. We are not asking about missing school to see a dentist for a regular check-up or cleaning. Percentage of students who answered "Yes" (Excludes "Don't know" responses from e61)

5/6 Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
117	e46	(e46)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?
118	en46	(en46)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? Percentage of students who answered "Most of the time" or "Always"
119	e47	(e47)When you are outside for more than one hour on a sunny day, how often do you do one of the following: stay in the shade, wear clothing that covers most of your arms and legs, or wear a hat?
120	en47	(en47)When you are outside for more than one hour on a sunny day, how often do you do one of the following: stay in the shade, wear clothing that covers most of your arms and legs, or wear a hat? Percentage of students who answered "Most of the time" or "Always"
121	e48	(e48)During the past year, have you had any sunburns? (A sunburn is any reddening or burn of the skin that lasts until the next day.)
122	en48	(en48)During the past year, have you had any sunburns? (A sunburn is any reddening or burn of the skin that lasts until the next day.) Percentage of students who answered "Yes"
123	en48_2	(en48_2)During the past year, have you had any sunburns? (A sunburn is any reddening or burn of the skin that lasts until the next day.) Percentage of students who answered "Yes" (Excludes "Not sure" responses from e48)
124	e49	(e49)Do you agree or disagree that you have parents who try to help you succeed?
125	en49	(en49)Do you agree or disagree that you have parents who try to help you succeed? Percentage of students who answered "Strongly agree" or "Agree"
126	e50	(e50)Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it?
127	en50	(en50)Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it? Percentage of students who answered "Strongly agree" or "Agree"
128	feet	Measured height -- feet
129	inches	Measured height -- inches
130	weight	Measured weight in pounds
131	bmi	Body Mass Index
132	bmipct	BMI Percentile
133	vbivbmi	VBIVBMI Biologically Implausible Values for BMI
134	sex	Sex
135	age	Age
136	grade	Grade Level
137	subvert	Record Subverted
138	wsta	State Level Weight
139	wphd	PHD Level Weight
140	wsch	School Level Weight
141	psu_school	PSU for School Level Analysis
142	str_school	Strata for School Level Analysis
143	psu_notschool	PSU for District Level (and above) Analysis
144	str_notschool	Strata for District Level (and above) Analysis



2017 MIYHS CODEBOOK FOR MS MODULE

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m1	A,B,C,D	N/A	How old are you?	1 = A. 10 years old or younger; 2 = B. 11 years old; 3 = C. 12 years old; 4 = D. 13 years old; 5 = E. 14 years old; 6 = F. 15 years old; 7 = G. 16 years old or older	N/A	N/A	N/A	N/A	N/A
m2	A,B,C,D	N/A	What is your sex?	1 = A. Female; 2 = B. Male	N/A	N/A	N/A	N/A	N/A
m3	A,B,C,D	N/A	In what grade are you?	1 = A. 6th grade; 2 = B. 7th grade; 3 = C. 8th grade; 4 = D. Ungraded or other grade	N/A	N/A	N/A	N/A	N/A
m4	A,B,C,D	N/A	Are you Hispanic or Latino?	1 = A. Yes; 2 = B. No	N/A	N/A	N/A	N/A	N/A
m5aa	A,B,C,D	N/A	What is your race? (Select one or more responses.)	1 = A. American Indian or Alaska Native	N/A	N/A	N/A	N/A	N/A
m5b				1 = B. Asian					
m5c				1 = C. Black or African American					
m5da				1 = D. Native Hawaiian or Other Pacific Islander					
m5e				1 = E. White					
m6ft	A,B	N/A	How tall are you without your shoes on?	3 thru 7	N/A	N/A	N/A	N/A	N/A
m6in1				0 thru 1					
m6in2				0 thru 9					
m7wgt1	A,B	N/A	How much do you weigh without your shoes on?	0 thru 3	N/A	N/A	N/A	N/A	N/A
m7wgt2				0 thru 9					
m7wgt3				0 thru 9					
m8a	A,B,C,D	D	What language is spoken most often at home?	1 = A. Acholi; 2 = B. Arabic; 3 = C. English; 4 = D. French; 5 = E. Khmer; 6 = F. Somali; 7 = G. Spanish; 8 = H. Some other language	mn8a	Percentage of students who answered something other than "English"	1 = Yes; 2 = No	A, B, D, E, F, G, or H	A, B, C, D, E, F, G, or H

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m187	A,B,C,D	D, ©	During the past 30 days, where did you usually sleep?	1=A. In my parent's or guardian's home 2=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 3=C. In a shelter or emergency housing 4=D. In a motel or hotel 5=E. In a car, park, campground, or other public place 6=F. I do not have a usual place to sleep 7=G. Somewhere else	mn187	Percentage of students who answered "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"	1= Yes; 2= No	B	A, B, C, D, E, F, or G
m9	C	D	When you ride a bicycle, how often do you wear a helmet?	1 = A. I do not ride a bicycle; 2 = B. Never wear a helmet; 3 = C. Rarely wear a helmet; 4 = D. Sometimes wear a helmet; 5 = E. Most of the time wear a helmet; 6 = F. Always wear a helmet	mn9	Among students who ride a bicycle, the percentage of students who answered "Never" or "Rarely"	1 = Yes; 2 = No	B or C	B, C, D, E, or F (Exclude A)
m10	C,D	D	How often do you wear a seat belt when riding in a car?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	mn10	Percentage of students who answered "Never" or "Rarely"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
m10	C,D	D	How often do you wear a seat belt when riding in a car?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	mn10_2	Percentage of students who answered "Always"	1 = Yes; 2 = No	E	A, B, C, D, or E
m11	A,B	D	Have you ever ridden in a car or other vehicle driven by someone who had been drinking alcohol?	1 = A. Yes; 2 = B. No	mn11	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m12a	A,B	D	Have you ever ridden in a car or other vehicle driven by someone who had been taking illegal drugs such as marijuana, cocaine, heroin, or LSD?	1 = A. Yes; 2 = B. No	mn12a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m151	C	D	Have you ever carried a weapon such as a gun, knife, or club on school property?	1 = A. Yes; 2 = B. No	mn151	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m14a	C	D	Have you ever been threatened or hurt with a weapon such as a gun, knife, or club?	1 = A. Yes; 2 = B. No	mn14a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m17a	C	D	Have you ever been forced (physically or otherwise) to have sexual contact?	1 = A. Yes; 2 = B. No	mn17a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m18	C,D	D	Has violence in your home, or the threat of violence, ever made you want to leave your home, even just for a short while?	1 = A. Yes; 2 = B. No	mn18	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m20	C	D	How often is the following statement true for you? "I resolve conflicts without anyone getting hurt."	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	mn20	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
m21	A,B,C,D	D, ©	Do you agree or disagree with the following statement? "I feel safe at my school."	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Disagree; 4 = D. Strongly disagree	mn21	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, or D
m22	A,B,C,D	D, ©	Have you ever been bullied on school property?	1 = A. Yes; 2 = B. No	mn22	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m152b	C	D	Have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)	1 = A. Yes; 2 = B. No	mn152b	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m153	C,D	D	Have you ever felt so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities?	1 = A. Yes; 2 = B. No	mn153	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m154b	C,D	D	When you have felt sad or hopeless, from whom did you get help? (Select only one response.)	1 = A. I did not feel sad or hopeless; 2 = B. I did feel sad or hopeless but did not seek help; 3 = C. Parent or other adult relative; 4 = D. Teacher or other school staff; 5 = E. Other adults; 6 = F. Friends; 7 = G. None of the above	mn154b	Among students who have ever felt sad or hopeless, the percentage of students who answered that they got help from an adult	1 = Yes; 2 = No	C, D, or E	B, C, D, E, F, or G (Exclude A)
m25	A,B,C,D	D, ☉	Have you ever seriously thought about killing yourself?	1 = A. Yes; 2 = B. No	mn25	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m26	C	D	Have you ever made a plan about how you would kill yourself?	1 = A. Yes; 2 = B. No	mn26	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m27	C	D	Have you ever tried to kill yourself?	1 = A. Yes; 2 = B. No	mn27	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m28	C,D	D	Have you ever done something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose?	1 = A. Yes; 2 = B. No	mn28	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m42	B	D	Have you ever tried cigarette smoking, even one or two puffs?	1 = A. Yes; 2 = B. No	mn42	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m189	C	D	How old were you when you first tried cigarette smoking, even one or two puffs?	1 = A. I have never tried cigarette smoking, not even one or two puffs; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn189	Among students who have tried cigarette smoking, the percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	B, C, D, E, F, or G (Exclude A)
m29	A,B,C,D	D, ☉	During the past 30 days, on how many days did you smoke cigarettes?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	mn29	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m32	A,B,D	D (versions A,B only)	How old were you when you smoked a whole cigarette for the first time?	1 = A. I have never smoked a whole cigarette; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn32	Among students who have smoked a whole cigarette, the percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	B, C, D, E, F, or G (Exclude A)
m32	A,B,D	D	How old were you when you smoked a whole cigarette for the first time?	1 = A. I have never smoked a whole cigarette; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn32_2	Percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G
m43	B	D	During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day ?	1 = A. I did not smoke cigarettes during the past 30 days; 2 = B. Less than 1 cigarette per day; 3 = C. 1 cigarette per day; 4 = D. 2 to 5 cigarettes per day; 5 = E. 6 to 10 cigarettes per day; 6 = F. 11 to 20 cigarettes per day; 7 = G. More than 20 cigarettes per day	mn43	Among students who reported current cigarette use, the percentage of students who answered more than 10 cigarettes	1 = Yes; 2 = No	F or G	B, C, D, E, F, or G (Exclude A)
m181	A,B,C,D	D, ©	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs ? (Do not count any electronic vapor products.)	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	mn181	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m30	A,B,C,D	D, ©	During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars ?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	mn30	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
m33a	A,B,C,D	D, ©	During the past 7 days, on how many days were you in the same room with someone who was smoking cigarettes?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	mn33a	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
m156	A,B	D	During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn156	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
m35	A,B	D	How wrong do your parents feel it would be for you to smoke cigarettes?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn35	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m36	A,B,C,D	D, ©	How much do you think people risk harming themselves (physically or in other ways) if they smoke one or more packs of cigarettes per day?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	mn36	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
m37	A,B,C,D	D, ©	If you wanted to get some cigarettes, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	mn37	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
m39	B	D	When you go to a supermarket, grocery store, convenience store or gas station mini-mart, how often do you see tobacco industry advertisements on signs or poster boards?	1 = A. A lot; 2 = B. Sometimes; 3 = C. Hardly ever; 4 = D. Never; 5 = E. I never go to a supermarket, grocery store, convenience store or mini-mart; 6 = F. I don't know/I'm not sure	mn39	Percentage of students who answered "A lot"	1 = Yes; 2 = No	A	A, B, C, D, E, or F

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m41	A	D	How much do you think people risk harming themselves (physically or in other ways) if they are exposed to other people's cigarette smoke?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	mn41	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
m46	B	D	Do you think you would be able to quit smoking cigarettes if you wanted to?	1 = A. I do not smoke now; 2 = B. Yes; 3 = C. No	mn46	Among students who currently smoke, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)
m47	A,B	D	Do you think that you will try a cigarette soon?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	mn47	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
m48	A,B	D	Do you think you will smoke a cigarette at any time during the next year?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	mn48	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
m48	A,B	D	Do you think you will smoke a cigarette at any time during the next year?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	mn48_2	Percentage of students who answered "I definitely will not"	1=Yes; 2=No	D	A, B, C, or D
m51	A,B	D	If one of your best friends offered you a cigarette, would you smoke it?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	mn51	Percentage of students who answered "Definitely yes", "Probably yes" or "Probably not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
m172	A,B	D	How wrong do your friends feel it would be for you to smoke cigarettes?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn172	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m54	D	D	Has a doctor or someone in a doctor's office talked to you about the danger of tobacco use in the past 12 months?	1 = A. I have not visited a doctor's office; 2 = B. Yes; 3 = C. No	mn54	Among students who have visited a doctor's office in the last 12 months, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)
m55	D	D	Has a dentist or someone in a dentist's office talked to you about the danger of tobacco use in the past 12 months?	1 = A. I have not visited a dentist's office; 2 = B. Yes; 3 = C. No	mn55	Among students who have visited a dentist's office in the last 12 months, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m56a	A,B	D	During the past 7 days, on how many days were you in the same car with someone who was smoking cigarettes?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	mn56a	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
m57	A,B	D	Besides yourself, does anyone who lives in your home smoke cigarettes now?	1 = A. Yes; 2 = B. No	mn57	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m58	A,B	D	How wrong do you think it is for someone your age to smoke cigarettes?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn58	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m173	A,B	D	Have you ever used an electronic vapor product?	1 = A. Yes; 2 = B. No;	mn173	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m174	A,B	D	During the past 30 days, on how many days did you use an electronic vapor product?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	mn174	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
m182	A,B	D	The LAST TIME you used an electronic vapor product, what was in the vapor you inhaled?	1=A. I have never used an electronic vapor product 2=B. Nicotine 3=C. Marijuana or Hash Oil 4=D. Just flavoring 5=E. Not sure	mn182	Percentage of students who answered 'Nicotine'	1 = Yes; 2 = No	B	B, C, D, or E (Exclude A)
m59a	A,B,C,D	D, ©	Have you ever had a drink of alcohol, other than a few sips?	1 = A. Yes; 2 = B. No	mn59a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m60	A,B,C,D	D, ©	How old were you when you had your first drink of alcohol other than a few sips?	1 = A. I have never had a drink of alcohol other than a few sips; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn60	Among students who have had more than a few sips of alcohol, the percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	B, C, D, E, F, or G (Exclude A)

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m60	A,B,C,D	D, ©	How old were you when you had your first drink of alcohol other than a few sips?	1 = A. I have never had a drink of alcohol other than a few sips; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn60_2	Percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G
m61	A,B,C,D	D, ©	During the past 30 days, on how many days did you have at least one drink of alcohol?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	mn61	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
m62a	A,B,C,D	D, ©	During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 to 5 days; 5 = E. 6 to 9 days; 6 = F. 10 to 19 days; 7 = G. 20 or more days	mn62a	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
m63b (Modified)	A,B,C,D	D, ©	During the past 30 days, how did you usually get the alcohol you drank?	1 = A. I did not drink alcohol during the past 30 days; 2 = B. I bought it in a store such as a liquor store, convenience store, supermarket, discount store, or gas station; 3 = C. I bought it at a restaurant, bar, or club; 4 = D. I bought it at a public event such as a concert or sporting event; 5 = E. I gave someone else money to buy it for me; 6 = F. Someone gave it to me; 7 = G. I took it from a store or family member; 8 = H. I got it some other way	mn63b	Among students who reported alcohol use during the past 30 days, the percentage of students who answered "Someone gave it to me"	1 = Yes; 2 = No	F	B, C, D, E, F, G, or H (Exclude A)
m64	A,B,C,D	D, ©	If you wanted to get some alcohol, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	mn64	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m66	A,B,C,D	D, ©	If you drank some alcohol without your parents' permission, would you be caught by your parents?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	mn66	Percentage of students who answered "Probably not" or "Definitely not"	1 = Yes; 2 = No	C or D	A, B, C, or D
m67b	A,B	D	How much do you think people risk harming themselves (physically or in other ways) if they have 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	mn67b	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
m68b	A,B	D	How much do you think people risk harming themselves (physically or in other ways) if they have 5 or more drinks of an alcoholic beverage in a row once or twice a week?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	mn68b	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
m69	A,B	D	If a kid drank some alcohol in your neighborhood, would he or she be caught by the police?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	mn69	Percentage of students who answered "Probably not" or "Definitely not"	1 = Yes; 2 = No	C or D	A, B, C, or D
m71a	C,D	D	How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn71a	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m164	A,B	D	How do you feel about someone your age having 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. Strongly approve; 2 = B. Approve; 3 = C. Neither approve nor disapprove; 4 = D. Disapprove; 5 = E. Strongly disapprove	mn164	Percentage of students who answered "Strongly approve" or "Approve"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
m165	A,B,C,D	D, ©	How wrong do your parents feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn165	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m73	A	D	Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	mn73	Percentage of students who answered at least 1 friend	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
m175	A,B	D	How wrong do your friends feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn175	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m74	A,B,C,D	D, ©	Have you ever used marijuana?	1 = A. Yes; 2 = B. No	mn74	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m75	A,B,C,D	D, ©	How old were you when you tried marijuana for the first time?	1 = A. I have never tried marijuana; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn75	Among students who have tried marijuana, the percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	B, C, D, E, F, or G (Exclude A)
m75	A,B,C,D	D, ©	How old were you when you tried marijuana for the first time?	1 = A. I have never tried marijuana; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn75_2	Percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G
m76	A,B,C,D	D, ©	During the past 30 days, how many times did you use marijuana?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	mn76	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
m77	A,B,C,D	D, ©	If you wanted to get some marijuana, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	mn77	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
m78	A,B,C,D	D, ©	How wrong do your parents feel it would be for you to smoke marijuana?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn78	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m166	A,B,C,D	D, ©	How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	mn166	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
m167	A,B	D	How wrong do your friends feel it would be for you to smoke marijuana?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn167	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m83	A,B	D	If a kid smoked marijuana in your neighborhood, would he or she be caught by the police?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	mn83	Percentage of students who answered "Probably not" or "Definitely not"	1 = Yes; 2 = No	C or D	A, B, C, or D

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m84	A,B	D	How wrong do you think it is for someone your age to smoke marijuana?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn84	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m86a	A,B,C,D	D, ©	Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high?	1 = A. Yes; 2 = B. No	mn86a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m91a	A,B,C,D	D, ©	During the past 30 days, how many times did you sniff glue, breathe the contents of spray cans, or inhale any paints or sprays to get high?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	mn91a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
m190	A,B,D	N/A	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? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.)	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	mn190	Percentage of students who answered "Yes"	1 = Yes; 2 = No	B, C, D, E, F	A, B, C, D, E, or F
m183	C	N/A	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.)	1 = A. Yes; 2 = B. No;	mn183	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m88a	A,B,C,D	D, ©	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?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	mn88a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	If any of m47, m48, m51 are missing, then mntobsus set to missing. If any of m47, m48, m51 in (1, 2, 3) then mntobsus = 1 (susceptible). If ALL of m47, m48, m51 = 4, then mntobsus = 2 (not susceptible).	A, B, C, D, E, or F
m176	A,B	D	How wrong do your parents feel it would be for you to take prescription drugs not prescribed to you?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn176	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m177	A,B	D	How wrong do your friends feel it would be for you to take prescription drugs not prescribed to you?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	mn177	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
m168	C	D	Have you ever taken steroid pills or shots without a doctor's prescription?	1 = A. Yes; 2 = B. No	mn168	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m90	A,B	D	Do you agree or disagree with the following statement? "My family has clear rules about alcohol and drug use."	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Disagree; 4 = D. Strongly disagree	mn90	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, or D
m184	A,B	D	If you wanted to get prescription drugs (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) that were not prescribed to you, how easy would it be to get some ?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	mn184	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
m93	A,B	D	During the past 12 months, do you recall hearing, reading or watching an advertisement about the prevention of substance use?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn93	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m95	A,B	D	How much do you think people risk harming themselves (physically or in other ways) if they take prescription drugs that are not prescribed to them?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	mn95	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C or D
m96	A,B	D	How many times in the past year (12 months) have you been drunk or high at school ?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	mn96	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
m97	C,D	D	Has anyone offered, sold, or given you an illegal drug on school property?	1 = A. Yes; 2 = B. No	mn97	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m98a	D	D	About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs?	1 = A. None; 2 = B. 1 adult; 3 = C. 2 adults; 4 = D. 3 or 4 adults; 5 = E. 5 or more adults	mn98a	Percentage of students who answered at least 1 adult	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
m100	A,B,C,D	D, ©	Have you ever had sexual intercourse?	1 = A. Yes; 2 = B. No	mn100	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m102	C	D	How old were you when you had sexual intercourse for the first time?	1 = A. I have never had sexual intercourse; 2 = B. 8 years old or younger; 3 = C. 9 years old; 4 = D. 10 years old; 5 = E. 11 years old; 6 = F. 12 years old; 7 = G. 13 years old or older	mn102	Percentage of students who answered before age 11	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G
m103	C	D	With how many people have you ever had sexual intercourse?	1 = A. I have never had sexual intercourse; 2 = B. 1 person; 3 = C. 2 people; 4 = D. 3 people; 5 = E. 4 people; 6 = F. 5 people; 7 = G. 6 or more people	mn103	Percentage of students who answered at least 3 people	1 = Yes; 2 = No	D, E, F, or G	A, B, C, D, E, F, or G
m101	C,D	D	The last time you had sexual intercourse, did you or your partner use a condom?	1 = A. I have never had sexual intercourse; 2 = B. Yes; 3 = C. No	mn101	Among students who ever had sexual intercourse, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)
m104	D	D	Have you ever had oral sex?	1 = A. Yes; 2 = B. No	mn104	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m105	D	D	Have you talked with your parent(s) and/or guardian(s) about sex in the past 6 months?	1 = A. Yes; 2 = B. No	mn105	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
m115	A,B,C,D	N/A	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.)	1 = A. I did not drink 100% fruit juice during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A
m116	A,B,C,D	N/A	During the past 7 days, how many times did you eat fruit ? (Do not count fruit juice.)	1 = A. I did not eat fruit during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A
m117b	A,B,C,D	N/A	During the past 7 days, how many times did you eat vegetables , such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.)	1 = A. I did not eat vegetables during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m159	C	N/A	During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? (Do not count diet soda, other diet drinks, or 100% fruit juice.)	1 = A. I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	mn159_2	Percentage of students who answered at least one time per day in the past week	1 = Yes; 2 = No	D, E, F, or G	A, B, C, D, E, F, or G
m159a	A,B,D	N/A	During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D ? (Do not count diet soda, other diet drinks, or 100% fruit juice.)	1 = A. I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	mn159a	Percentage of students who answered at least one time per day in the past week	1 = Yes; 2 = No	D, E, F, or G	A, B, C, D, E, F, or G
m119b	D	D	During the past 7 days, how many glasses of milk did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.)	1 = A. I did not drink milk during the past 7 days; 2 = B. 1 to 3 glasses during the past 7 days; 3 = C. 4 to 6 glasses during the past 7 days; 4 = D. 1 glass per day; 5 = E. 2 glasses per day; 6 = F. 3 glasses per day; 7 = G. 4 or more glasses per day	mn119b	Percentage of students who answered three or more glasses per day	1 = Yes; 2 = No	F or G	A, B, C, D, E, F, or G
m169	D	D	What kind of milk do you usually drink? (Select only one response.)	1 = A. I do not drink milk; 2 = B. Whole milk; 3 = C. 2% or reduced fat milk; 4 = D. 1% or low fat milk; 5 = E. Fat-free, skim, or non-fat milk; 6 = F. Chocolate or flavored milk; 7 = G. Some other type of milk; 8 = H. Not sure	mn169	Among students who drink milk, percentage of students who answered "1% or low fat milk" or "Fat-free, skim, or non-fat milk"	1 = Yes; 2 = No	D or E	B, C, D, E, F, G, or H (Exclude A)

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m185a	D	N/A	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians ?	1=A. 0 days, 2=B. 1 day 3=C. 2 days 4=D. 3 days 5=E. 4 days 6=F. 5 days 7=G. 6 days 8=H. 7 days	mn185a	Percentage of students who answered at least 5 days	1= Yes; 2= No	F, G, or H	A, B, C, D, E, F, G, or H
m185	C	N/A	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents ?	1=A. 0 days, 2=B. 1 day 3=C. 2 days 4=D. 3 days 5=E. 4 days 6=F. 5 days 7=G. 6 days 8=H. 7 days	mn185	Percentage of students who answered at least 5 days	1= Yes; 2= No	F, G, or H	A, B, C, D, E, F, G, or H
m161	A,B,C,D	D, ©	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.)	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	mn161	Percentage of students who answered at least 5 days	1 = Yes; 2 = No	F, G, or H	A, B, C, D, E, F, G, or H
m186	C	D	How often is the following statement true for you? "When I am not at home, one of my parents or guardians knows where I am and whom I am with."	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	mn186	Percentage of students who answered 'Most of the time' or 'Always'	1=Yes; 2=No	D or E	A, B, C, D, or E
m125	C,D	D	On an average school day, how many hours do you watch TV?	1 = A. I do not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	mn125	Percentage of students who answered at least 3 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m125	C,D	D	On an average school day, how many hours do you watch TV?	1 = A. I do not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	mn125_2	Percentage of students who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G
m126b	C,D	D	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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)	1 = A. I do not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	mn126b	Percentage of students who answered at least 3 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
m126b	C,D	D	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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)	1 = A. I do not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	mn126b_2	Percentage of students who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G
m127	A,B,C,D	D, ©	In an average week when you are in school, on how many days do you go to physical education (PE) classes?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days	mn127	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
m180	C,D	D	Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)	1 = A. Yes; 2 = B. No	mn180	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m179	C,D	D	During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)	1 = A. 0 teams 2 = B. 1 team 3 = C. 2 teams 4 = D. 3 or more teams	mn179	Percentage of students who answered at least one team	1 = Yes; 2 = No	B, C, or D	A, B, C, or D
m129	C	D	Has a doctor or nurse ever told you that you have asthma?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn129	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
m130	C	D	Do you still have asthma?	1 = A. I have never had asthma; 2 = B. Yes; 3 = C. No; 4 = D. Not sure	mn130_2	Among students who reported to have asthma in m129, the percentage of students who answered "Yes"	1 = Yes; 2 = No	m129=A & m130=B	m129=A & m130=B, C, or D (Exclude A)
m170	C	D	During the past 12 months, about how many days did you miss school because of your asthma?	1 = A. I have never had asthma; 2 = B. I did not miss any days of school because of my asthma; 3 = C. 1 or 2 days; 4 = D. 3 or 4 days; 5 = E. 5 or more days	mn170_2	Among students who reported to have asthma in m129, the percentage of students who answered 1 or more days	1 = Yes; 2 = No	m129=A & m170=C, D, or E	m129=A & m170=B, C, D, or E (Exclude A)
m132	D	D	Has a doctor or nurse ever told you that you have diabetes?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn132	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
m133a	D	D	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?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	mn133a	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
m134a	D	D	During the past 12 months, how many times did you get a sunburn (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	mn134a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A,B,C,D,E, or F
m135a	D	D	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 include getting a spray-on tan.)	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	mn135a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
m136	D	D	Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn136	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m137	D	D	Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn137	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
m138a	D	D	Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn138a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
m139a	D	D	Are you limited in any activities because of a disability or long-term health problem including physical health, emotional, or learning problems expected to last 6 months or more?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn139a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
m140	D	D	Where do you usually go for health care (for example, check-ups, when you are sick, etc.)?	1 = A. I never seek health care; 2 = B. Family doctor; 3 = C. Community health center; 4 = D. School-based health center; 5 = E. Hospital or emergency room; 6 = F. Family planning clinic; 7 = G. No one place	mn140_2	Percentage of students who answered "Family doctor", "Community health center", or "School-based health center"	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G
m141	D	D	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	1 = A. During the past 12 months; 2 = B. Between 12 and 24 months ago; 3 = C. More than 24 months ago; 4 = D. Never; 5 = E. Not sure	mn141	Percentage of students who answered "During the past 12 months"	1 = Yes; 2 = No	A	A, B, C, D, or E
m141	D	D	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	1 = A. During the past 12 months; 2 = B. Between 12 and 24 months ago; 3 = C. More than 24 months ago; 4 = D. Never; 5 = E. Not sure	mn141_2	Percentage of students who answered "During the past 12 months" (Excludes "Not sure" responses from m141)	1 = Yes; 2 = No	A	A, B, C, or D (Exclude E)

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m178	C,D	D	On an average school night, how many hours of sleep do you get?	1 = A. 4 or less hours 2 = B. 5 hours 3 = C. 6 hours 4 = D. 7 hours 5 = E. 8 hours 6 = F. 9 hours 7 = G. 10 or more hours	mn178	Percentage of student who answered at least 8 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
m107	C	D	Have you ever been taught about AIDS or HIV infection in school?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	mn107	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
m171	C,D	D	During the past 12 months, how would you describe your grades in school?	1 = A. Mostly A's; 2 = B. Mostly B's; 3 = C. Mostly C's; 4 = D. Mostly D's; 5 = E. Mostly F's; 6 = F. None of these grades; 7 = G. Not sure	mn171	Percentage of students who answered "Mostly A's" or "Mostly B's"	1 = Yes; 2 = No	A or B	A, B, C, D, E, F or G
m146	C,D	D	During an average week, how many hours do you spend in clubs or organizations (other than sports) outside of regular school hours?	1 = A. 0 hours; 2 = B. 1 hour; 3 = C. 2 hours; 4 = D. 3 to 5 hours; 5 = E. 6 to 10 hours; 6 = F. 11 or more hours	mn146	Percentage of students who answered at least 1 hour	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
m143	A,B,C,D	D, ©	Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it?	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Not sure; 4 = D. Disagree; 5 = E. Strongly disagree	mn143	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
m162	C	D	How often does your school enforce rules fairly?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	mn162	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
m144	A,B,C,D	D, ©	How often does one of your parents talk with you about what you are doing in school?	1 = A. About every day; 2 = B. About once or twice a week; 3 = C. About once or twice a month; 4 = D. Less than once a month; 5 = E. Never	mn144	Percentage of students who answered "About every day" or "About once or twice a week"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
m192	A,B,D	D (versions A,B only)	I have a family that gives me love and support.	1 = A. Not at all or rarely; 2 = B. Somewhat or sometimes; 3 = C. Very or often; 4 = D. Extremely or almost always	mn192	Percentage of students who answered 'Very or often' or 'Extremely or almost always'	1= Yes; 2= No	C or D	A,B,C, or D

MS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
m188	C	N/A	How often does your family give you love and support?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	mn188	Percentage of students who answered 'Most of the time' or 'Always'		D or E	A, B, C, D, or E
m148	A,B,C,D	D, ©	Do you agree or disagree that in your community you feel like you matter to people?	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Not sure; 4 = D. Disagree; 5 = E. Strongly disagree	mn148	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
m142a	C,D	D	Have you ever bet money or something else of value? (Include if you bet at a casino, race track, or online, bought lottery tickets, bet on a sports team, or played cards or other games for money or things.)	1 = A. Yes; 2 = B. No	mn142a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

MS Calculated Variables

2017 Summary Variable	2017 Calculated Variable	2017 Calculated Variable Values	Programming Information / SAS Code
raceeth	Race/Ethnicity	m5aa 1 = A. American Indian or Alaska Native m5b 1 = B. Asian m5c 1 = C. Black or African American m5da 1 = D. Native Hawaiian or Other Pacific Islander m5e 1 = E. White	<pre> *race/ethnicity* do i=1 to dim(raceresp); if raceresp[i]=1 then countrace=countrace+1; end; if hisp not in (1,2) then hisp=.; if hisp=1 then raceeth=4; /* Hispanic */ else if hisp=. or countrace=0 then raceeth=.; else if countrace ge 2 then raceeth=7; /* Multi */ else if countrace=1 then do; if racevar1=1 then raceeth=1; /* AI/AN */ else if racevar2=1 then raceeth=2; /* Asian */ else if racevar3=1 then raceeth=3; /* Black/AA */ else if racevar4=1 then raceeth=5; /* Hawaiian/PI */ else if racevar5=1 then raceeth=6; /* White */ end; </pre>
mnowt	Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	1 = Yes; 2 = No	<p>See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm to calculate BMI percentiles.</p> <p>After setting outliers (_bivbmi in (1,2)) to missing:</p> <pre> *overweight* if vbivbmi ge 1 then do; bmi=.; bimpct=.; end; If bimpct Ne . Then Do; MNOWT = 2; MNOBESE = 2; MNHLTHWT=2; If bimpct Ge 85 and bimpct Lt 95 Then MNOWT = 1; </pre>
mnobese	Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	1 = Yes; 2 = No	<p>See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm to calculate BMI percentiles.</p> <p>After setting outliers (_bivbmi in (1,2)) to missing, SAS code is:</p> <pre> *obese* if vbivbmi ge 1 then do; bmi=.; bimpct=.; end; If bimpct Ne . Then Do; MNOWT = 2; MNOBESE = 2; MNHLTHWT=2; If bimpct Ge 95 Then MNOBESE = 1; </pre>
mnhlthwt	Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	1 = Yes; 2 = No	<p>See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm to calculate BMI percentiles. After setting outliers (_bivbmi in (1,2)) to missing, SAS code is:</p> <pre> *healthy weight*; if bimpct = . then mnhlthwt = .; else if bimpct >= 5 and bimpct < 85 then mnhlthwt = 1; else if bimpct < 5 or bimpct >= 85 then mnhlthwt = 2; </pre>

MS Calculated Variables

2017 Summary Variable	2017 Calculated Variable	2017 Calculated Variable Values	Programming Information / SAS Code
mntobsus	Percentage of students who are susceptible to cigarette use (among all students including those who have tried cigarettes or are current cigarette users)	1 = Yes; 2 = No	*susceptible to tobacco* if missing(m47) or missing(m48) or missing(m51) then mntobsus=.; else if m47 in (1,2,3) or m48 in (1,2,3) or m51 in (1,2,3) then mntobsus=1; else mntobsus=2;
mntobsus_2	Percentage of students who are susceptible to cigarette use (among students who have never tried cigarettes)	1 = Yes; 2 = No	*susceptible to tobacco* if m32=1 then do; if missing(m47) or missing(m48) or missing(m51) then mntobsus_2=.; else if m47 in (1,2,3) or m48 in (1,2,3) or m51 in (1,2,3) then mntobsus_2=1; else mntobsus_2=2;
mnanytoba	Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days	1 = Yes; 2 = No	SAS Code from YRBS Data User Guide – MNANYTOBA=2; if m29 in (2,3,4,5,6,7) then MNANYTOBA=1; if m181 in (2,3,4,5,6,7) then MNANYTOBA=1; if m30 in (2,3,4,5,6,7) then MNANYTOBA=1; if m29 = . or m181 = . or m30 = . then MNANYTOBA=.;
mnanytob_2a	Percentage of students who smoked cigarettes or cigars; used an electronic vapor product; or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days	1 = Yes; 2 = No	SAS Code from YRBS Data User Guide MNANYTOB_2a=2; if m29 in (2,3,4,5,6,7) then MNANYTOB_2a=1; if m181 in (2,3,4,5,6,7) then MNANYTOB_2a=1; if m30 in (2,3,4,5,6,7) then MNANYTOB_2a=1; if m174 in (2,3,4,5,6,7) then MNANYTOB_2a=1; if m29 = . or m181 = . or m30 = . or m174 = . then MNANYTOB_2a=.;
mnanytob_3	Percentage of students who smoked cigarettes or cigars; used an electronic vapor product with nicotine; or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days	1 = Yes; 2 = No	SAS Code from YRBS Data User Guide – MNANYTOB_3=2; if m29 in (2,3,4,5,6,7) then MNANYTOB_3=1; if m181 in (2,3,4,5,6,7) then MNANYTOB_3=1; if m30 in (2,3,4,5,6,7) then MNANYTOB_3=1; if m174 in (2,3,4,5,6,7) and m182=2 then MNANYTOB_3=1 ; if m29 = . or m181 = . or m30 = . or m174 = . or m182 = . then MNANYTOB_3=.;
mnRxuse	Percentage of students who misused prescription drugs in their lifetime	1= Yes; 2= No	*prescription drug* The combination of the Numerator for m183 and the numerator for m190 If m190=2 or m183=1 then mnrxuse=1; If m190=1 or m183=2 then mnrxuse=2;

MS Calculated Variables

2017 Summary Variable	2017 Calculated Variable	2017 Calculated Variable Values	Programming Information / SAS Code
mnfruit	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days	1 = Yes; 2 = No	<pre> *fruit* Length qfruit1 qfruit2 8; qfrtot=0; Array qfr{2} m115 m116; Array qfruit{2} qfruit1 qfruit2; Do i = 1 to 2; Select (qfr{i}); When(1) qfruit{i}=0; When(2) qfruit{i}=2/7; When(3) qfruit{i}=5/7; When(4) qfruit{i}=1; When(5) qfruit{i}=2; When(6) qfruit{i}=3; When(7) qfruit{i}=4; Otherwise qfruit{i}=.; End; qfrtot = qfrtot + qfruit{i}; End; If qfrtot Ge 2 Then mnfruit = 1; Else If qfrtot Ne . Then mnfruit = 2; Else mnfruit = .; </pre>
mnonefrt	Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days	1 = Yes; 2 = No	<pre> *one fruit* if qfrtot>=1 then mnonefrt=2; else if qfrtot ne . then mnonefrt=1; else mnonefrt=.; drop qfruit1-qfruit2 qfrtot; </pre>
mnveg	Percentage of students who ate vegetables three or more times per day during the past seven days	1 = Yes; 2 = No	<pre> *vegetables* if m117b in (6,7) then mnveg=1; else if m117b in (1,2,3,4,5) then mnveg=2; </pre>
mnoneveg	Percentage of students who ate vegetables less than 1 time per day during the past seven days	1 = Yes; 2 = No	<pre> *one vegetable* mnoneveg = .; if qvegtot>=1 then mnoneveg = 2; /*1+ veg per day*/ else if qvegtot ne . then mnoneveg = 1; /*less than 1 veg per day*/ drop qvegtot vegtot1; </pre>

MS Calculated Variables

2017 Summary Variable	2017 Calculated Variable	2017 Calculated Variable Values	Programming Information / SAS Code
mnfrvg	Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day during the past seven days	1 = Yes; 2 = No	<pre> *fruits and vegetables* Length qfrvg1 qfrvg2 qfrvg3 8; qfrvgtot=0; Array qfv{*} m115 m116 m117b; Array qfrvg{*} qfrvg1 qfrvg2 qfrvg3; Do i = 1 To 3; select (qfv{i}); when(1) qfrvg{i}=0; when(2) qfrvg{i}=2/7; when(3) qfrvg{i}=5/7; when(4) qfrvg{i}=1; when(5) qfrvg{i}=2; when(6) qfrvg{i}=3; when(7) qfrvg{i}=4; otherwise qfrvg{i}=.; end; qfrvgtot = qfrvgtot+qfrvg{i}; end; if qfrvgtot Ge 5 then mnfrvg = 1; else if qfrvgtot Ne . then mnfrvg = 2; else mnfrvg = .; </pre>
mn159a_2	Percentage of students who drank sugar-sweetened beverages at least one time per day in the past week	1 = Yes; 2 = No	<pre> *sugar-sweetened beverages* mn159a_2 = .; if m159 in (1,2,3,4,5,6,7) or m159a in (1,2,3,4,5,6,7) then do; if m159 ne . then mnssb = m159; else if m159a ne . then mnssb = m159a; if mnssb in (4,5,6,7) then mn159a_2 = 1; else if mnssb in (1,2,3) then mn159a_2 = 2; end; </pre>
mndin	Percentage of students who answered atleast 5 days	1= Yes; 2= No	<pre> *dinner* if module='MS-C' then do; if m185>=6 then mndin=1; if m185<=5 then mndin=2; if m185=. Then mndin=.; end; else if module='MS-D' then do; if m185a>=6 then mndin=1; if m185a<=5 then mndin=2; if m185a=. Then mndin=.; end; </pre>

MS Calculated Variables

2017 Summary Variable	2017 Calculated Variable	2017 Calculated Variable Values	Programming Information / SAS Code
mnpa7day	Percentage of students who were physically active for a total of at least 60 minutes per day on all of the past seven days	1 = Yes; 2 = No	*physically active* if m161='8' then mnpa7day=1; Else if m161 in ('1','2','3','4','5','6','7') then mnpa7day=2; Else mnpa7day=.
mnscreen	Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day	1 = Yes; 2 = No	*screen time* array sc1 m125 m126b; array sc2 m125hr m126bhr; do i=1 to dim(sc1); select (sc1[i]); when (1) sc2[i]=0; when (2) sc2[i]=.4; when (3) sc2[i]=1; when (4) sc2[i]=2; when (5) sc2[i]=3; when (6) sc2[i]=4; when (7) sc2[i]=5; otherwise sc2[i]=.; end; end; scrtotal=m125hr+m126bhr; if m125=. or m126b=. then mnscreen=.; else if scrtotal le 2 then mnscreen=1; else if scrtotal gt 2 then mnscreen=2;
mndlype	Percentage of students who attended physical education (PE) classes daily in an average week when they were in school	1 = Yes; 2 = No	*PE classes* if m127=6 then mndlype=1; else if m127 in (1,2,3,4,5) then mndlype=2;
mnltasth	Percentage of students with lifetime asthma	1 = Yes; 2 = No	*lifetime asthma*; mnltasth = .; if m129 = 1 then mnltasth = 1; else if m129 = 2 then mnltasth = 2;
mncrasth	Percentage of students with current asthma	1 = Yes; 2 = No	*current asthma* if m129=1 and m130=2 then mncrasth=1; else if (m129=2 and m130=1) or (m129=1 and m130=3) then mncrasth=2;
mndiab	Percentage of students with diagnosed diabetes	1 = Yes; 2 = No	*diagnosed diabetes* if m132=1 then mndiab=1; else if m132=2 then mndiab=2;

MS Calculated Variables

2017 Summary Variable	2017 Calculated Variable	2017 Calculated Variable Values	Programming Information / SAS Code
mndisab	Percentage of students who have a disability	1 = Yes; 2 = No	*disability* If (m136 in (1,2,3)) OR (m137 in (1,2,3)) OR (m138a in (1,2,3)) OR (m139a in (1,2,3)) Then mndisab = 2; If (m136 Eq 1) OR (m137 Eq 1) OR (m138a Eq 1) OR (m139a Eq 1) Then mndisab = 1;

MS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
1	studentid	Student ID Variable
2	pacid	PACID
3	class_code	Class Code
4	school_name	School Name
5	doe_id	Department of Education ID
6	sau_id	SAU DOE ID
7	aos_id	AOS DOE ID
8	county_id	County Code
9	county_name	County Name
10	phd_id	Public Health District
11	phd_name	Public Health District name
12	dfc_id	DFC ID
13	dfc_name	DFC Name
14	student_module	Student Module
15	school_module	School Module
16	m1	(m1)How old are you?
17	m2	(m2)What is your sex?
18	m3	(m3)In what grade are you?
19	m4	(m4)Are you Hispanic or Latino?
20	m5aa	(m5aa)What is your race? (Select one or more responses.) A. American Indian or Alaska Native
21	m5b	(m5b)What is your race? (Select one or more responses.) B. Asian
22	m5c	(m5c)What is your race? (Select one or more responses.) C. Black or African American
23	m5da	(m5da)What is your race? (Select one or more responses.) D. Native Hawaiian or Other Pacific Islander
24	m5e	(m5e)What is your race? (Select one or more responses.) E. White
25	raceeth	Race/Ethnicity
26	hisp	Hispanic ethnicity
27	race	Combined Race Category
28	m6ft	(m6ft)How tall are you without your shoes on?
29	m6in1	(m6in1)How tall are you without your shoes on?
30	m6in2	(m6in2)How tall are you without your shoes on?
31	m7wgt1	(m7wgt1)How much do you weigh without your shoes on?
32	m7wgt2	(m7wgt2)How much do you weigh without your shoes on?
33	m7wgt3	(m7wgt3)How much do you weigh without your shoes on?
34	mnwt	(mnwt) Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT
35	mnobese	(mnobese) Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT
36	mnhlthwt	(mnhlthwt) Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT
37	m8a	(m8a)What language is spoken most often at home?
38	mn8a	(mn8a)What language is spoken most often at home? Percentage of students who answered something other than 'English'
39	m187	(m187) During the past 30 days, where did you usually sleep?
40	mn187	(mn187) During the past 30 days, where did you usually sleep? Percentage of students who answered "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"
41	m9	(m9)When you ride a bicycle, how often do you wear a helmet?
42	mn9	(mn9)When you ride a bicycle, how often do you wear a helmet? Among students who ride a bicycle, the percentage of students who answered "Never" or "Rarely"
43	m10	(m10)How often do you wear a seat belt when riding in a car?
44	mn10	(mn10)How often do you wear a seat belt when riding in a car? Percentage of students who answered 'Never' or 'Rarely'
45	mn10_2	(mn10_2)How often do you wear a seat belt when riding in a car? Percentage of students who answered 'Always'
46	m11	(m11)Have you ever ridden in a car or other vehicle driven by someone who had been drinking alcohol?
47	mn11	(mn11)Have you ever ridden in a car or other vehicle driven by someone who had been drinking alcohol? Percentage of students who answered "Yes"
48	m12a	(m12a)Have you ever ridden in a car or other vehicle driven by someone who had been taking illegal drugs such as marijuana, cocaine, heroin, or LSD?
49	mn12a	(mn12a)Have you ever ridden in a car or other vehicle driven by someone who had been taking illegal drugs such as marijuana, cocaine, heroin, or LSD? Percentage of students who answered "Yes"
50	m151	(m151)Have you ever carried a weapon such as a gun, knife, or club on school property?
51	mn151	(mn151)Have you ever carried a weapon such as a gun, knife, or club on school property? Percentage of students who answered "Yes"
52	m14a	(m14a)Have you ever been threatened or hurt with a weapon such as a gun, knife, or club?
53	mn14a	(mn14a)Have you ever been threatened or hurt with a weapon such as a gun, knife, or club? Percentage of students who answered "Yes"
54	m17a	(m17a)Have you ever been forced (physically or otherwise) to have sexual contact?
55	mn17a	(mn17a)Have you ever been forced (physically or otherwise) to have sexual contact? Percentage of students who answered "Yes"
56	m18	(m18)Has violence in your home, or the threat of violence, ever made you want to leave your home, even just for a short while?
57	mn18	(mn18)Has violence in your home, or the threat of violence, ever made you want to leave your home, even just for a short while? Percentage of students who answered "Yes"
58	m20	(m20)How often is the following statement true for you? 'I resolve conflicts without anyone getting hurt.'
59	mn20	(mn20)How often is the following statement true for you? 'I resolve conflicts without anyone getting hurt.' Percentage of students who answered "Most of the time" or "Always"
60	m21	(m21)Do you agree or disagree with the following statement? 'I feel safe at my school.'
61	mn21	(mn21)Do you agree or disagree with the following statement? 'I feel safe at my school.' Percentage of students who answered "Strongly agree" or "Agree"
62	m22	(m22)Have you ever been bullied on school property?
63	mn22	(mn22)Have you ever been bullied on school property? Percentage of students who answered 'Yes'
64	m152b	(m152b)Have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)
65	mn152b	(mn152b)Have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.) Percentage of students who answered "Yes"

MS Dataset - Variable Descriptions

66	m153	(m153)Have you ever felt so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities?
67	mn153	(mn153)Have you ever felt so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities? Percentage of students who answered "Yes"
68	m154b	(m154b)When you have felt sad or hopeless, from whom did you get help? (Select only one response.)
69	mn154b	(mn154b)When you have felt sad or hopeless, from whom did you get help? (Select only one response.) Among students who have ever felt sad or hopeless, the percentage of students who answered that they got help from an adult
70	m25	(m25)Have you ever seriously thought about killing yourself?
71	mn25	(mn25)Have you ever seriously thought about killing yourself? Percentage of students who answered 'Yes'
72	m26	(m26)Have you ever made a plan about how you would kill yourself?
73	mn26	(mn26)Have you ever made a plan about how you would kill yourself? Percentage of students who answered 'Yes'
74	m27	(m27)Have you ever tried to kill yourself?
75	mn27	(mn27)Have you ever tried to kill yourself? Percentage of students who answered 'Yes'
76	m28	(m28)Have you ever done something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose?
77	mn28	(mn28)Have you ever done something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose? Percentage of students who answered "Yes"
78	m42	(m42)Have you ever tried cigarette smoking, even one or two puffs?
79	mn42	(mn42)Have you ever tried cigarette smoking, even one or two puffs? Percentage of students who answered 'Yes'
80	m189	(m189) How old were you when you first tried cigarette smoking, even one or two puffs?
81	mn189	(mn189) How old were you when you first tried cigarette smoking, even one or two puffs? Among students who have tried cigarette smoking, the percentage of students who answered before age 11
82	m29	(m29)During the past 30 days, on how many days did you smoke cigarettes?
83	mn29	(mn29)During the past 30 days, on how many days did you smoke cigarettes? Percentage of students who answered at least 1 day
84	m32	(m32)How old were you when you smoked a whole cigarette for the first time?
85	mn32	(mn32)How old were you when you smoked a whole cigarette for the first time? Among students who have smoked a whole cigarette, the percentage of students who answered before age 11
86	mn32_2	(mn32_2)How old were you when you smoked a whole cigarette for the first time? Percentage of students who answered before age 11
87	m43	(m43)During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day?
88	mn43	(mn43)During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day? Among students who reported current cigarette use, the percentage of students who answered more than 10 cigarettes
89	m181	(m181)During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs ? (Do not count any electronic vapor products.)
90	mn181	(mn181)During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs ? (Do not count any electronic vapor products.) Percentage of students who answered at least 1 day
91	m30	(m30)During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars?
92	mn30	(mn30)During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars? Percentage of students who answered at least 1 day
93	m33a	(m33a)During the past 7 days, on how many days were you in the same room with someone who was smoking cigarettes?
94	mn33a	(mn33a)During the past 7 days, on how many days were you in the same room with someone who was smoking cigarettes? Percentage of students who answered at least 1 day
95	m156	(m156)During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?
96	mn156	(mn156)During the past 12 months, were you taught in any of your classes about the dangers of tobacco use? Percentage of students who answered "Yes"
97	m35	(m35)How wrong do your parents feel it would be for you to smoke cigarettes?
98	mn35	(mn35)How wrong do your parents feel it would be for you to smoke cigarettes? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
99	m36	(m36)How much do you think people risk harming themselves (physically or in other ways) if they smoke one or more packs of cigarettes per day?
100	mn36	(mn36)How much do you think people risk harming themselves (physically or in other ways) if they smoke one or more packs of cigarettes per day? Percentage of students who answered "No risk" or "Slight risk"
101	m37	(m37)If you wanted to get some cigarettes, how easy would it be for you to get some?
102	mn37	(mn37)If you wanted to get some cigarettes, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
103	m39	(m39)When you go to a supermarket, grocery store, convenience store or gas station mini-mart, how often do you see tobacco industry advertisements on signs or poster boards?
104	mn39	(mn39)When you go to a supermarket, grocery store, convenience store or gas station mini-mart, how often do you see tobacco industry advertisements on signs or poster boards? Percentage of students who answered "A lot"
105	m41	(m41)How much do you think people risk harming themselves (physically or in other ways) if they are exposed to other people's cigarette smoke?
106	mn41	(mn41)How much do you think people risk harming themselves (physically or in other ways) if they are exposed to other people's cigarette smoke? Percentage of students who answered "No risk" or "Slight risk"
107	m46	(m46)Do you think you would be able to quit smoking cigarettes if you wanted to?
108	mn46	(mn46)Do you think you would be able to quit smoking cigarettes if you wanted to? Among students who currently smoke, the percentage of students who answered "Yes"
109	m47	(m47)Do you think that you will try a cigarette soon?
110	mn47	(mn47)Do you think that you will try a cigarette soon? Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"
111	m48	(m48)Do you think you will smoke a cigarette at any time during the next year?
112	mn48	(mn48)Do you think you will smoke a cigarette at any time during the next year? Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"
113	mn48_2	(mn48_2)Do you think you will smoke a cigarette at any time during the next year? Percentage of students who answered "I definitely will not"
114	m51	(m51)If one of your best friends offered you a cigarette, would you smoke it?
115	mn51	(mn51)If one of your best friends offered you a cigarette, would you smoke it? Percentage of students who answered "Definitely yes", "Probably yes" or "Probably not"
116	m172	(m172)How wrong do your friends feel it would be for you to smoke cigarettes?

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117	mn172	(mn158)How wrong do your friends feel it would be for you to smoke cigarettes? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
118	m54	(m54)Has a doctor or someone in a doctor's office talked to you about the danger of tobacco use in the past 12 months?
119	mn54	(mn54)Has a doctor or someone in a doctor's office talked to you about the danger of tobacco use in the past 12 months? Among students who have visited a doctor's office in the last 12 months, the percentage of students who answered "Yes"
120	m55	(m55)Has a dentist or someone in a dentist's office talked to you about the danger of tobacco use in the past 12 months?
121	mn55	(mn55)Has a dentist or someone in a dentist's office talked to you about the danger of tobacco use in the past 12 months? Among students who have visited a dentist's office in the last 12 months, the percentage of students who answered "Yes"
122	m56a	(m56a)During the past 7 days, on how many days were you in the same car with someone who was smoking cigarettes?
123	mn56a	(mn56a)During the past 7 days, on how many days were you in the same car with someone who was smoking cigarettes? Percentage of students who answered at least 1 day
124	m57	(m57)Besides yourself, does anyone who lives in your home smoke cigarettes now?
125	mn57	(mn57)Besides yourself, does anyone who lives in your home smoke cigarettes now? Percentage of students who answered 'Yes'
126	m58	(m58)How wrong do you think it is for someone your age to smoke cigarettes?
127	mn58	(mn58)How wrong do you think it is for someone your age to smoke cigarettes? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
128	m173	(m173)Have you ever used an electronic vapor product?
129	mn173	(mn173)Have you ever used an electronic vapor product? Percentage of students who answered 'Yes'
130	m174	(m174)During the past 30 days, on how many days did you use an electronic vapor product?
131	mn174	(mn174)During the past 30 days, on how many days did you use an electronic vapor product? Percentage of students who answered at least 1 day
132	m182	(m182)The LAST TIME you used an electronic vapor product, what was in the vapor you inhaled?
133	mn182	(mn182)The LAST TIME you used an electronic vapor product, what was in the vapor you inhaled? Percentage of students who answered 'Nicotine'
134	mntobsus	(mntobsus) Percentage of students who are susceptible to cigarette use (among all students including those who have tried cigarettes or are current cigarette users)
135	mntobsus_2	(mntobsus_2) Percentage of students who are susceptible to cigarette use (among students who have never tried cigarettes)
136	mnanytoba	(mnanytoba) Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days
137	mnanytob_2a	(mnanytob_2a) Percentage of students who smoked cigarettes or cigars; used an electronic vapor product; or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days
138	mnanytob_3	(mnanytob_3) Percentage of students who smoked cigarettes or cigars; used an electronic vapor product with nicotine; or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days
139	m59a	(m59a)Have you ever had a drink of alcohol, other than a few sips?
140	mn59a	(mn59a)Have you ever had a drink of alcohol, other than a few sips? Percentage of students who answered 'Yes'
141	m60	(m60)How old were you when you had your first drink of alcohol other than a few sips?
142	mn60	(mn60)How old were you when you had your first drink of alcohol other than a few sips? Among students who have had more than a few sips of alcohol, the percentage of students who answered before age 11
143	mn60_2	(mn60_2)How old were you when you had your first drink of alcohol other than a few sips? Percentage of students who answered before age 11
144	m61	(m61)During the past 30 days, on how many days did you have at least one drink of alcohol?
145	mn61	(mn61)During the past 30 days, on how many days did you have at least one drink of alcohol? Percentage of students who answered at least 1 day
146	m62a	(m62a)During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?
147	mn62a	(mn62a)During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours? Percentage of students who answered at least 1 day
148	m63b	(m63b)During the past 30 days, how did you usually get the alcohol you drank?
149	mn63b	(mn63b)During the past 30 days, how did you usually get the alcohol you drank? Among students who reported alcohol use during the past 30 days, the percentage of students who answered "Someone gave it to me"
150	m64	(m64)If you wanted to get some alcohol, how easy would it be for you to get some?
151	mn64	(mn64)If you wanted to get some alcohol, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
152	m66	(m66)If you drank some alcohol without your parents' permission, would you be caught by your parents?
153	mn66	(mn66)If you drank some alcohol without your parents' permission, would you be caught by your parents? Percentage of students who answered "Probably not" or "Definitely not"
154	m67b	(m67b)How much do you think people risk harming themselves (physically or in other ways) if they have 1 or 2 drinks of an alcoholic beverage nearly every day?
155	mn67b	(mn67b)How much do you think people risk harming themselves (physically or in other ways) if they have 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "No risk" or "Slight risk"
156	m68b	(m68b)How much do you think people risk harming themselves (physically or in other ways) if they have 5 or more drinks of an alcoholic beverage in a row once or twice a week?
157	mn68b	(mn68b)How much do you think people risk harming themselves (physically or in other ways) if they have 5 or more drinks of an alcoholic beverage in a row once or twice a week? Percentage of students who answered "No risk" or "Slight risk"
158	m69	(m69)If a kid drank some alcohol in your neighborhood, would he or she be caught by the police?
159	mn69	(mn69)If a kid drank some alcohol in your neighborhood, would he or she be caught by the police? Percentage of students who answered "Probably not" or "Definitely not"
160	m71a	(m71a)How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol?
161	mn71a	(mn71a)How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
162	m164	(m164)How do you feel about someone your age having 1 or 2 drinks of an alcoholic beverage nearly every day?
163	mn164	(mn164)How do you feel about someone your age having 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "Strongly approve" or "Approve"
164	m165	(m165)How wrong do your parents feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?
165	mn165	(mn165)How wrong do your parents feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
166	m73	(m73)Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it?
167	mn73	(mn73)Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it? Percentage of students who answered at least 1 friend
168	m175	(m175)How wrong do your friends feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?

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169	mn175	(mn175)How wrong do your friends feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
170	m74	(m74)Have you ever used marijuana?
171	mn74	(mn74)Have you ever used marijuana? Percentage of students who answered 'Yes'
172	m75	(m75)How old were you when you tried marijuana for the first time?
173	mn75	(mn75)How old were you when you tried marijuana for the first time? Among students who have tried marijuana, the percentage of students who answered before age 11
174	mn75_2	(mn75_2)How old were you when you tried marijuana for the first time? Percentage of students who answered before age 11
175	m76	(m76)During the past 30 days, how many times did you use marijuana?
176	mn76	(mn76)During the past 30 days, how many times did you use marijuana? Percentage of students who answered at least 1 time
177	m77	(m77)If you wanted to get some marijuana, how easy would it be for you to get some?
178	mn77	(mn77)If you wanted to get some marijuana, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
179	m78	(m78)How wrong do your parents feel it would be for you to smoke marijuana?
180	mn78	(mn78)How wrong do your parents feel it would be for you to smoke marijuana? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
181	m166	(m166)How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?
182	mn166	(mn166)How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week? Percentage of students who answered "No risk" or "Slight risk"
183	m167	(m167)How wrong do your friends feel it would be for you to smoke marijuana?
184	mn167	(mn167)How wrong do your friends feel it would be for you to smoke marijuana? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
185	m83	(m83)If a kid smoked marijuana in your neighborhood, would he or she be caught by the police?
186	mn83	(mn83)If a kid smoked marijuana in your neighborhood, would he or she be caught by the police? Percentage of students who answered "Probably not" or "Definitely not"
187	m84	(m84)How wrong do you think it is for someone your age to smoke marijuana?
188	mn84	(mn84)How wrong do you think it is for someone your age to smoke marijuana? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
189	m86a	(m86a)Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high?
190	mn86a	(mn86a)Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high? Percentage of students who answered "Yes"
191	m91a	(m91a)During the past 30 days, how many times did you sniff glue, breathe the contents of spray cans, or inhale any paints or sprays to get high?
192	mn91a	(mn91a)During the past 30 days, how many times did you sniff glue, breathe the contents of spray cans, or inhale any paints or sprays to get high? Percentage of students who answered at least 1 time
193	m190	(m190)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? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.)
194	mn190	(mn190)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? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.) Percentage of students who answered "Yes"
195	m183	(m183)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.)
196	mn183	(mn183)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.) Percentage of students who answered "Yes"
197	mnRxuse	Percentage of students who misused prescription drugs in their lifetime
198	m88a	(m88a)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?
199	mn88a	(mn88a)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? Percentage of students who answered at least 1 time
200	m176	(m176)How wrong do your parents feel it would be for you to take prescription drugs not prescribed to you?
201	mn176	(mn176)How wrong do your parents feel it would be for you to take prescription drugs not prescribed to you? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
202	m177	(m177)How wrong do your friends feel it would be for you to take prescription drugs not prescribed to you?
203	mn177	(mn177)How wrong do your friends feel it would be for you to take prescription drugs not prescribed to you? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
204	m168	(m168)Have you ever taken steroid pills or shots without a doctor's prescription?
205	mn168	(mn168)Have you ever taken steroid pills or shots without a doctor's prescription? Percentage of students who answered "Yes"
206	m90	(m90)Do you agree or disagree with the following statement? 'My family has clear rules about alcohol and drug use.'
207	mn90	(mn90)Do you agree or disagree with the following statement? 'My family has clear rules about alcohol and drug use.' Percentage of students who answered "Strongly agree" or "Agree"
208	m184	(m184)If you wanted to get prescription drugs (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) that were not prescribed to you, how easy would it be to get some?
209	mn184	(mn184)If you wanted to get prescription drugs (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) that were not prescribed to you, how easy would it be to get some? Percentage of students who answered "Sort of easy" or "Very easy"
210	m93	(m93)During the past 12 months, do you recall hearing, reading or watching an advertisement about the prevention of substance use?
211	mn93	(mn93)During the past 12 months, do you recall hearing, reading or watching an advertisement about the prevention of substance use?
212	m95	(m95)How much do you think people risk harming themselves (physically or in other ways) if they take prescription drugs that are not prescribed to them?
213	mn95	(mn95)How much do you think people risk harming themselves (physically or in other ways) if they take prescription drugs that are not prescribed to them? Percentage of students who answered "No risk" or "Slight risk"
214	m96	(m96)How many times in the past year (12 months) have you been drunk or high at school?
215	mn96	(mn96)How many times in the past year (12 months) have you been drunk or high at school? Percentage of students who answered at least 1 time
216	m97	(m97)Has anyone offered, sold, or given you an illegal drug on school property?
217	mn97	(mn97)Has anyone offered, sold, or given you an illegal drug on school property? Percentage of students who answered "Yes"
218	m98a	(m98a>About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs?

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219	mn98a	(mn98a)About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs? Percentage of students who answered at least 1 adult
220	m100	(m100)Have you ever had sexual intercourse?
221	mn100	(mn100)Have you ever had sexual intercourse? Percentage of students who answered 'Yes'
222	m102	(m102)How old were you when you had sexual intercourse for the first time?
223	mn102	(mn102)How old were you when you had sexual intercourse for the first time? Percentage of students who answered before age 11
224	m103	(m103)With how many people have you ever had sexual intercourse?
225	mn103	(mn103)With how many people have you ever had sexual intercourse? Percentage of students who answered at least 3 people
226	m101	(m101)The last time you had sexual intercourse, did you or your partner use a condom?
227	mn101	(mn101)The last time you had sexual intercourse, did you or your partner use a condom? Among students who ever had sexual intercourse, the percentage of students who answered "Yes"
228	m104	(m104)Have you ever had oral sex?
229	mn104	(mn104)Have you ever had oral sex? Percentage of students who answered 'Yes'
230	m105	(m105)Have you talked with your parent(s) and/or guardian(s) about sex in the past 6 months?
231	mn105	(mn105)Have you talked with your parent(s) and/or guardian(s) about sex in the past 6 months? Percentage of students who answered "Yes"
232	m107	(m107)Have you ever been taught about AIDS or HIV infection in school?
233	mn107	(mn107)Have you ever been taught about AIDS or HIV infection in school? Percentage of students who answered 'Yes'
234	m115	(m115)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.)
235	m116	(m116)During the past 7 days, how many times did you eat fruit? (Do not count fruit juice.)
236	mnfruit	(mnfruit) Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days
237	mnonefrt	(mnonefrt)Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days
238	m117b	(m117b)During the past 7 days, how many times did you eat vegetables, such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.)
239	mnveg	(mnveg) Percentage of students who ate vegetables three or more times per day during the past seven days
240	mnoneveg	(mnoneveg) Percentage of students who ate vegetables less than 1 time per day during the past seven days
241	mnfrvg	(mnfrvg) Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day during the past seven days
242	m159	(m159)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? (Do not count diet soda, other diet drinks, or 100% fruit juice.)
243	mn159_2	(m159)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of students who answered at least one time per day in the past week
244	m159a	(m159a)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.)
245	mn159a	(mn159a)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of students who answered at least one time per day in the past week
246	mn159a_2	(mn159a)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of students who drank sugar-sweetened beverages at least one time per day in the past week
247	m119b	(m119b)During the past 7 days, how many glasses of milk did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.)
248	mn119b	(mn119b)During the past 7 days, how many glasses of milk did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.) Percentage of students who answered three or more glasses per day
249	m169	(m169)What kind of milk do you usually drink? (Select only one response.)
250	mn169	(mn169)What kind of milk do you usually drink? (Select only one response.) Among students who drink milk, percentage of students who answered "1% or low fat milk" or "Fat-free, skim, or non-fat milk"
251	m185a	(m185a)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?
252	mn185a	(m185a)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians? Percentage of students who answered at least 5 days
253	m185	(m185)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents?
254	mn185	(m185)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents? Percentage of students who answered at least 5 days
255	mindin	(mindin)Percentage of students who answered at least 5 days
256	m161	(m161)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.)
257	mn161	(mn161)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.) Percentage of students who answered at least 5 days
258	mnpa7day	(mnpa7day) Percentage of students who were physically active for a total of at least 60 minutes per day on all of the past seven days
259	m186	(m186)How often is the following statement true for you? "When I am not at home, one of my parents or guardians knows where I am and whom I am with."
260	mn186	(mn186)How often is the following statement true for you? "When I am not at home, one of my parents or guardians knows where I am and whom I am with." Percentage of students who answered 'Most of the time' or 'Always'
261	m125	(m125)On an average school day, how many hours do you watch TV?
262	mn125	(mn125)On an average school day, how many hours do you watch TV? Percentage of students who answered at least 3 hours
263	mn125_2	(mn125_2)On an average school day, how many hours do you watch TV? Percentage of students who answered 2 or fewer hours
264	m126b	(m126b)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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.)

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265	mn126b	(mn126b)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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.) Percentage of students who answered at least 3 hours
266	mn126b_2	(mn126b_2)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 on things such as Xbox, PlayStation, an iPod, an iPad or other tablet, a smartphone, YouTube, Facebook or other social networking tools, and the Internet.) Percentage of students who answered 2 or fewer hours
267	mnscreen	(mnscreen) Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day
268	m127	(m127)In an average week when you are in school, on how many days do you go to physical education (PE) classes?
269	mn127	(mn127)In an average week when you are in school, on how many days do you go to physical education (PE) classes? Percentage of students who answered at least 1 day
270	mandtpe	(mandtpe) Percentage of students who attended physical education (PE) classes daily in an average week when they were in school
271	m180	(m180)Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)
272	mn180	(mn180)Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.) Percentage of students who answered "Yes"
273	m179	(m179)During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)
274	mn179	(mn179)During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.) Percentage of students who answered at least one team
275	m129	(m129)Has a doctor or nurse ever told you that you have asthma?
276	mn129	(mn129)Has a doctor or nurse ever told you that you have asthma? Percentage of students who answered 'Yes'
277	mn1asth	(mn1asth) Percentage of students with lifetime asthma (Excludes "Not sure" responses from m129)
278	m130	(m130)Do you still have asthma?
279	mn130_2	(mn130_2)Do you still have asthma? Among students who reported to have asthma in m129, the percentage of students who answered "Yes"
280	mn1crasth	(mn1crasth) Percentage of students with current asthma (Excludes "Not sure" responses from m129 and m130)
281	m170	(m170)During the past 12 months, about how many days did you miss school because of your asthma?
282	mn170_2	(mn170_2)During the past 12 months, about how many days did you miss school because of your asthma? Among students who reported to have asthma in m129, the percentage of students who answered 1 or more days
283	m132	(m132)Has a doctor or nurse ever told you that you have diabetes?
284	mn132	(mn132)Has a doctor or nurse ever told you that you have diabetes? Percentage of students who answered 'Yes'
285	mn1diab	(mn1diab) Percentage of students with diagnosed diabetes (Excludes "Not sure" responses from m132)
286	m133a	(m133a)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?
287	mn133a	(mn133a)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? Percentage of students who answered "Most of the time" or "Always"
288	m134a	(m134a)During the past 12 months, how many times did you get a sunburn (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)?
289	mn134a	(mn134a)During the past 12 months, how many times did you get a sunburn (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)? Percentage of students who answered at least 1 time
290	m135a	(m135a)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 include getting a spray-on tan.)
291	mn135a	(mn135a)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 include getting a spray-on tan.) Percentage of students who answered at least 1 time
292	m136	(m136)Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more?
293	mn136	(mn136)Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more? Percentage of students who answered "Yes"
294	m137	(m137)Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more?
295	mn137	(mn137)Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more? Percentage of students who answered "Yes"
296	m138a	(m138a)Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems?
297	mn138a	(mn138a)Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems? Percentage of students who answered "Yes"
298	m139a	(m139a)Are you limited in any activities because of a disability or long-term health problem including physical health, emotional, or learning problems expected to last 6 months or more?
299	mn139a	(mn139a)Are you limited in any activities because of a disability or long-term health problem including physical health, emotional, or learning problems expected to last 6 months or more? Percentage of students who answered "Yes"
300	mn1disab	(mn1disab) Percentage of students who have a disability
301	m140	(m140)Where do you usually go for health care (for example, check-ups, when you are sick, etc.)?
302	mn140_2	(mn140_2)Where do you usually go for health care (for example, check-ups, when you are sick, etc.)? Percentage of students who answered "Family doctor", "Community health center", or "School-based health center"
303	m141	(m141)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?
304	mn141	(mn141)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work? Percentage of students who answered "During the past 12 months"
305	mn141_2	(mn141_2)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work? Percentage of students who answered "During the past 12 months" (Excludes "Not sure" responses from m141)
306	m178	(m178)On an average school night, how many hours of sleep do you get?
307	mn178	(mn178)On an average school night, how many hours of sleep do you get? Percentage of students who answered at least 8 hours
308	m171	(m171)During the past 12 months, how would you describe your grades in school?
309	mn171	(mn171)During the past 12 months, how would you describe your grades in school? Percentage of students who answered "Mostly A's" or "Mostly B's"
310	m143	(m143)Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it?
311	mn143	(mn143)Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it? Percentage of students who answered "Strongly agree" or "Agree"
312	m162	(m162)How often does your school enforce rules fairly?
313	mn162	(mn162)How often does your school enforce rules fairly? Percentage of students who answered "Most of the time" or "Always"
314	m144	(m144)How often does one of your parents talk with you about what you are doing in school?
315	mn144	(mn144)How often does one of your parents talk with you about what you are doing in school? Percentage of students who answered "About every day" or "About once or twice a week"

MS Dataset - Variable Descriptions

316	m146	(m146)During an average week, how many hours do you spend in clubs or organizations (other than sports) outside of regular school hours?
317	mn146	(mn146)During an average week, how many hours do you spend in clubs or organizations (other than sports) outside of regular school hours? Percentage of students who answered at least 1 hour
318	m192	(m192)I have a family that gives me love and support.
319	mn192	(mn192)I have a family that gives me love and support. Percentage of students who answered 'Very or often' or 'Extremely or almost always'
320	m188	(m188)How often does your family give you love and support?
321	mn188	(mn188)How often does your family give you love and support? Percentage of students who answered 'Most of the time' or 'Always'
322	m148	(m148)Do you agree or disagree that in your community you feel like you matter to people?
323	mn148	(mn148)Do you agree or disagree that in your community you feel like you matter to people? Percentage of students who answered "Strongly agree" or "Agree"
324	m142a	(m142a)Have you ever bet money or something else of value? (Include if you bet at a casino, race track, or online, bought lottery tickets, bet on a sports team, or played cards or other games for money or things.)
325	mn142a	(mn142a)Have you ever bet money or something else of value? (Include if you bet at a casino, race track, or online, bought lottery tickets, bet on a sports team, or played cards or other games for money or things.) Percentage of students who answered "Yes"
326	bmi	Body Mass Index
327	bmi pct	BMI Percentile
328	vbivbmi	VBIVBMI Biologically Implausible Values for BMI
329	sex	Sex
330	age	Age
331	grade	Grade Level
332	subvert	Record Subverted
333	wstaa	State Level Weight Module A
334	wstab	State Level Weight Module B
335	wstac	State Level Weight Module C
336	wstad	State Level Weight Module D
337	wstaab	State Level Weight Modules A/B
338	wstacd	State Level Weight Modules C/D
339	wstaabcd	State Level Weight Modules A/B/C/D
340	wphdab	PHD Level Weight Modules A/B
341	wphdcd	PHD Level Weight Modules C/D
342	wphdabcd	PHD Level Weight Modules A/B/C/D
343	wctyab	County Level Weight Modules A/B
344	wctycd	County Level Weight Modules C/D
345	wctyabcd	County Level Weight Modules A/B/C/D
346	waosabcd	AOS Level Weight Modules A/B/C/D
347	wsauabcd	SAU Level Weight Modules A/B/C/D
348	wschabcd	School Level Weight Modules A/B/C/D
349	wdfcab	DFC Level Weight Modules A/B
350	wdfcabcd	DFC Level Weight Modules A/B/C/D
351	psu_school	PSU for School Level Analysis
352	str_school	Strata for School Level Analysis
353	psu_notschool	PSU for District Level (and above) Analysis
354	str_notschool	Strata for District Level (and above) Analysis



2017 MIYHS CODEBOOK FOR HS MODULE

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h1	A,B,C,D	N/A	How old are you?	1 = A. 12 years old or younger; 2 = B. 13 years old; 3 = C. 14 years old; 4 = D. 15 years old; 5 = E. 16 years old; 6 = F. 17 years old; 7 = G. 18 years old or older	N/A	N/A	N/A	N/A	N/A
h2	A,B,C,D	N/A	What is your sex?	1 = A. Female; 2 = B. Male	N/A	N/A	N/A	N/A	N/A
h3	A,B,C,D	N/A	In what grade are you?	1 = A. 9th grade; 2 = B. 10th grade; 3 = C. 11th grade; 4 = D. 12th grade; 5 = E. Ungraded or other grade	N/A	N/A	N/A	N/A	N/A
h4	A,,B,C,D	N/A	Are you Hispanic or Latino?	1 = A. Yes; 2 = B. No	N/A	N/A	N/A	N/A	N/A
h5aa	A,B,C,D	N/A	What is your race? (Select one or more responses.)	1 = A. American Indian or Alaska Native	N/A	N/A	N/A	N/A	N/A
h5b				1 = B. Asian					
h5c				1 = C. Black or African American					
h5da				1 = D. Native Hawaiian or Other Pacific Islander					
h5e				1 = E. White					
h6ft	A,B,C,D	N/A	How tall are you without your shoes on?	3 thru 7	N/A	N/A	N/A	N/A	N/A
h6in1				0 thru 1					
h6in2				0 thru 9					
h7wgt1	A,B,C,D	N/A	How much do you weigh without your shoes on?	0 thru 3	N/A	N/A	N/A	N/A	N/A
h7wgt2				0 thru 9					
h7wgt3				0 thru 9					

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h8a (Modified)	A,B,C,D	D, ©	What language is spoken most often at home?	1 = A. Acholi; 2 = B. Arabic; 3 = C. English; 4 = D. French; 5 = E. Khmer; 6 = F. Somali; 7 = G. Spanish; 8 = H. Some other language	hn8a	Percentage of students who answered something other than "English"	1 = Yes; 2 = No	A, B, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h9	A,B,C,D	D, ©	Which of the following best describes you?	1 = A. Heterosexual (straight); 2 = B. Gay or lesbian; 3 = C. Bisexual; 4 = D. Not sure	hn9	Percentage of students who answered "Gay or lesbian" or "Bisexual"	1 = Yes; 2 = No	B or C	A, B, C, or D
h250	A,B,C,D	D, ©	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?	1= A. No, I am not transgender 2=B. Yes, I am transgender 3=C. I am not sure if I am transgender 4=D. I do not know what this question is asking	hn250	Percentage of students who answered "Yes, I am transgender"	1= Yes; 2 = No	B	A, B, C or D

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h247	A,B,C,D	D, ©	During the past 30 days, where did you usually sleep?	1=A. In my parent's or guardian's home 2=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 3=C. In a shelter or emergency housing 4=D. In a motel or hotel 5=E. In a car, park, campground, or other public place 6=F. I do not have a usual place to sleep 7=G. Somewhere else	hn247	Percentage of students who answered "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"	1= Yes; 2 = No	B	A, B, C, D, E, F, or G
h10a	B	D	When you rode a bicycle during the past 12 months, how often did you wear a helmet?	1 = A. I did not ride a bicycle during the past 12 months; 2 = B. Never wore a helmet; 3 = C. Rarely wore a helmet; 4 = D. Sometimes wore a helmet; 5 = E. Most of the time wore a helmet; 6 = F. Always wore a helmet	hn10a	Among students who rode a bicycle in the past 12 months, the percentage of students who answered "Never wore a helmet" or "Rarely wore a helmet"	1 = Yes; 2 = No	B or C	B, C, D, E, or F (Exclude A)
h11	C,D	D	How often do you wear a seat belt when riding in a car driven by someone else?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn11	Percentage of students who answered "Never" or "Rarely"	1 = Yes; 2 = No	A or B	A, B, C, D, or E

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h11	C,D	D	How often do you wear a seat belt when riding in a car driven by someone else?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn11_2	Percentage of students who answered "Always"	1 = Yes; 2 = No	E	A, B, C, D, or E
h213	C,D	D	How often do you wear a seat belt when driving a car?	1 = A. I do not drive a car; 2 = B. Never; 3 = C. Rarely; 4 = D. Sometimes; 5 = E. Most of the time; 6 = F. Always	hn213	Among students who drive, the percentage of students who answered "Never" or "Rarely"	1 = Yes; 2 = No	B or C	B, C, D, E, or F (Exclude A)
h213	C,D	D	How often do you wear a seat belt when driving a car?	1 = A. I do not drive a car; 2 = B. Never; 3 = C. Rarely; 4 = D. Sometimes; 5 = E. Most of the time; 6 = F. Always	hn213_2	Among students who drive, the percentage of students who answered "Always"	1 = Yes; 2 = No	F	B, C, D, E, or F (Exclude A)
h13	A,B	D	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?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or more times	hn13	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h214	C,D	D	During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol ?	1 = A. I did not drive a car or other vehicle during the past 30 days; 2 = B. 0 times; 3 = C. 1 time; 4 = D. 2 or 3 times; 5 = E. 4 or 5 times; 6 = F. 6 or more times	hn214	Among students who drove a car or other vehicle during the past 30 days, the percentage who answered at least 1 time	1 = Yes; 2 = No	C, D, E, or F	B, C, D, E, or F (Exclude A)

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h15a (Modified)	A,B	D	During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been taking illegal drugs such as marijuana, cocaine, heroin, or LSD?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or more times	hn15a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h230	D	D	During the past 30 days, how many times did you text or talk on the phone while driving a car or other vehicle?	1 = A. I did not drive a car or other vehicle during the past 30 days; 2 = B. 0 times; 3 = C. 1 time; 4 = D. 2 or 3 times; 5 = E. 4 or 5 times; 6 = F. 6 or more times	hn230	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	C, D, E, or F	B, C, D, E, or F (Exclude A)
h18	C	D	During the past 30 days, on how many days did you carry a weapon such as a gun, knife, or club on school property ?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 or 3 days; 4 = D. 4 or 5 days; 5 = E. 6 or more days	hn18	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h19	C	D	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?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 or 3 days; 4 = D. 4 or 5 days; 5 = E. 6 or more days	hn19	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h20	D	D	If you wanted to get a gun, how easy would it be for you to get one?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	hn20	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h21	D	D	During the past 12 months, how many times has someone threatened or injured you with a weapon such as a gun, knife, or club?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or 7 times; 6 = F. 8 or 9 times; 7 = G. 10 or 11 times; 8 = H. 12 or more times	hn21	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h22	C	D	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 ?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or 7 times; 6 = F. 8 or 9 times; 7 = G. 10 or 11 times; 8 = H. 12 or more times	hn22	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h23	D	D	During the past 12 months, how many times has someone stolen or deliberately damaged your property such as your car, clothing, or books on school property ?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or 7 times; 6 = F. 8 or 9 times; 7 = G. 10 or 11 times; 8 = H. 12 or more times	hn23	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h24	C	D	During the past 12 months, how many times were you in a physical fight ?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or 7 times; 6 = F. 8 or 9 times; 7 = G. 10 or 11 times; 8 = H. 12 or more times	hn24	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h26	C	D	During the past 12 months, how many times were you in a physical fight on school property ?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or 7 times; 6 = F. 8 or 9 times; 7 = G. 10 or 11 times; 8 = H. 12 or more times	hn26	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h33	A,B,C,D	D, ©	Do you agree or disagree with the following statement? "I feel safe at my school."	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Disagree; 4 = D. Strongly disagree	hn33	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, or D
h28	C	D	Have you ever been physically forced to have sexual intercourse when you did not want to?	1 = A. Yes; 2 = B. No	hn28	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h216	C,D	D	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.)	1 = A. I did not date or go out with anyone during the past 12 months; 2 = B. 0 times; 3 = C. 1 time; 4 = D. 2 or 3 times; 5 = E. 4 or 5 times; 6 = F. 6 or more times	hn216	Among students who dated or went out with someone during the past 12 months, the percentage of students who answered at least 1 time	1 = Yes; 2 = No	C, D, E, or F	B, C, D, E, or F (Exclude A)
h29a	A,B	D	Have you ever been forced (physically or otherwise) to have sexual contact? (Select only one response.)	1 = A. Yes, this happened to me both before and during the past year; 2 = B. Yes, this happened to me only before the past year; 3 = C. Yes, this happened to me only during the past year; 4 = D. No, I have never been forced to have sexual contact	hn29a	Percentage of students who answered "Yes" to lifetime forced sexual contact	1 = Yes; 2 = No	A, B, or C	A, B, C or D

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h29a	A,B	D	Have you ever been forced (physically or otherwise) to have sexual contact? (Select only one response.)	1 = A. Yes, this happened to me both before and during the past year; 2 = B. Yes, this happened to me only before the past year; 3 = C. Yes, this happened to me only during the past year; 4 = D. No, I have never been forced to have sexual contact	hn29a_2	Percentage of students who answered "Yes" to past year forced sexual contact	1 = Yes; 2 = No	A or C	A, B, C or D
h30	A,B	D	Has violence in your home, or the threat of violence, ever made you want to leave your home, even just for a short while?	1 = A. Yes; 2 = B. No	hn30	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h32a	D	D	How often is the following statement true for you? "I resolve conflicts without anyone getting hurt."	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn32a	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h34	A,B,C,D	D, ©	During the past 12 months, have you ever been bullied on school property ?	1 = A. Yes; 2 = B. No	hn34	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h35	D	D	During the past 12 months, have you ever been bullied away from school property ?	1 = A. Yes; 2 = B. No	hn35	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h36c	C,D	D	During the past 12 months, have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)	1 = A. Yes; 2 = B. No	hn36c	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h37	D	D	Has anyone ever made offensive racial comments or attacked you based on your race or ethnicity at school or on your way to or from school?	1 = A. Yes; 2 = B. No	hn37	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h38	D	D	Has anyone ever made offensive comments or attacked you because of your perceived sexual orientation at school or on your way to or from school?	1 = A. Yes; 2 = B. No	hn38	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h39	D	D	Has anyone ever made offensive sexual comments to you at school or on your way to or from school?	1 = A. Yes; 2 = B. No	hn39	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h40	D	D	Has anyone ever made offensive comments or attacked you at school or on your way to or from school because of how masculine or feminine you are (that is, acting "too much like a girl" if you are a boy, or acting "too much like a boy" if you are a girl)?	1 = A. Yes; 2 = B. No	hn40	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h41	D	D	What are the chances you would be seen as cool if you defended someone who was being verbally abused at school?	1 = A. No or very little chance; 2 = B. Little chance; 3 = C. Some chance; 4 = D. Pretty good chance; 5 = E. Very good chance	hn41	Percentage of students who answered "Pretty good chance" or "Very good chance"	1 = Yes; 2 = No	D or E	A, B, C, D, or E

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h42	A,B,C,D	D, ©	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?	1 = A. Yes; 2 = B. No	hn42	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h43b	A,B,C,D	D, ©	During the past 12 months, when you felt sad or hopeless, from whom did you get help? (Select only one response.)	1 = A. I did not feel sad or hopeless; 2 = B. I did feel sad or hopeless but did not seek help; 3 = C. Parent or other adult relative; 4 = D. Teacher or other school staff; 5 = E. Other adults; 6 = F. Friends; 7 = G. None of the above	hn43b	Among students who have ever felt sad or hopeless during the past 12 months, the percentage of students who answered that they got help from an adult	1 = Yes; 2 = No	C, D, or E	B, C, D, E, F, or G (Exclude A)
h44	A,B,C,D	D, ©	During the past 12 months, did you ever seriously consider attempting suicide?	1 = A. Yes; 2 = B. No	hn44	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h45	C	D	During the past 12 months, did you make a plan about how you would attempt suicide?	1 = A. Yes; 2 = B. No	hn45	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h46	C,D	D	During the past 12 months, how many times did you actually attempt suicide?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or more times	hn46	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h47	C,D	D	During the past 12 months, how many times did you do something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or 3 times; 4 = D. 4 or 5 times; 5 = E. 6 or more times	hn47	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h61	C	D	Have you ever tried cigarette smoking, even one or two puffs?	1 = A. Yes; 2 = B. No	hn61	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h48	A,B,C,D	D, ©	During the past 30 days, on how many days did you smoke cigarettes?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	hn48	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
h51	D	D	How old were you when you smoked a whole cigarette for the first time?	1 = A. I have never smoked a whole cigarette; 2 = B. 8 years old or younger; 3 = C. 9 or 10 years old; 4 = D. 11 or 12 years old; 5 = E. 13 or 14 years old; 6 = F. 15 or 16 years old; 7 = G. 17 years old or older	hn51	Among students who have smoked a whole cigarette, the percentage of students who answered before age 13	1 = Yes; 2 = No	B, C, or D	B, C, D, E, F, or G (Exclude A)
h51	D	D	How old were you when you smoked a whole cigarette for the first time?	1 = A. I have never smoked a whole cigarette; 2 = B. 8 years old or younger; 3 = C. 9 or 10 years old; 4 = D. 11 or 12 years old; 5 = E. 13 or 14 years old; 6 = F. 15 or 16 years old; 7 = G. 17 years old or older	hn51_2	Percentage of students who answered before age 13	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h62	C	D	During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day ?	1 = A. I did not smoke cigarettes during the past 30 days; 2 = B. Less than 1 cigarette per day; 3 = C. 1 cigarette per day; 4 = D. 2 to 5 cigarettes per day; 5 = E. 6 to 10 cigarettes per day; 6 = F. 11 to 20 cigarettes per day; 7 = G. More than 20 cigarettes per day	hn62	Among students who reported current cigarette use, the percentage of students who answered more than 10 cigarettes	1 = Yes; 2 = No	F or G	B, C, D, E, F, or G (Exclude A)
h251	A,B,C, D	D, © (A,B data only)	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs ? (Do not count any electronic vapor products.)	2 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	hn251	Percentage of students who answered at least 1 day	2 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
h49	A,B,C,D	D, ©	During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars ?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	hn49	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h52a	A,B,C,D	D, ©	During the past 7 days, on how many days were you in the same room with someone who was smoking cigarettes?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	hn52a	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h204	A,B	D	During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn204	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h54	A,B,C,D	D, ©	How wrong do your parents feel it would be for you to smoke cigarettes?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn54	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h55	A,B,C,D	D, ©	How much do you think people risk harming themselves (physically or in other ways) if they smoke one or more packs of cigarettes per day?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	hn55	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
h56	C,D	D	If you wanted to get some cigarettes, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	hn56	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
h56	C,D	D	If you wanted to get some cigarettes, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	hn56_2	Among students under the age of 18, the percentage who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D for h56 &A, B, C, D, E, or F for h1	A, B, C, or D

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h57	D	D	During the past 30 days, did anyone ever refuse to sell you cigarettes because of your age?	1 = A. I did not try to buy cigarettes in a store during the past 30 days; 2 = B. Yes, someone refused to sell me cigarettes because of my age; 3 = C. No, no one refused to sell me cigarettes because of my age	hn57	Among students under the age of 18 who tried to buy cigarettes during the past 30 days, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B for h57 & A, B, C, D, E, or F for h1	B or C (Exclude A) for h57 & A, B, C, D, E, or F for h1
h59	A,B	D	When you go to a supermarket, grocery store, convenience store or gas station mini-mart, how often do you see tobacco industry advertisements on signs or poster boards?	1 = A. A lot; 2 = B. Sometimes; 3 = C. Hardly ever; 4 = D. Never; 5 = E. I never go to a supermarket, grocery store, convenience store or mini-mart; 6 = F. I don't know/I'm not sure	hn59	Percentage of students who answered "A lot"	1 = Yes; 2 = No	A	A, B, C, D, E, or F
h60	D	D	How much do you think people risk harming themselves (physically or in other ways) if they are exposed to other people's cigarette smoke?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	hn60	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
h238	D	D	During the past 12 months, how many times have you stopped smoking for one day or longer because you were trying to quit smoking cigarettes for good?	1=A. I did not smoke during the past 12 months; 2=B. I did not try to quit during the past 12 months; 3=C. 1 time; 4=D. 2 times; 5=E. 3 to 5 times; 6=F. 6 to 9 times; 7=G. 10 or more times	hn238	Among students who smoked during the past 12 months, the percentage of students who answered at least 1 time	1 = Yes; 2 = No	C, D, E, F, or G	B, C, D, E, F or G (Exclude A)

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h65	D	D	Do you think you would be able to quit smoking cigarettes if you tried?	1 = A. I do not smoke now; 2 = B. Yes; 3 = C. No	hn65	Among students who currently smoke, the percentage who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)
h66	A,B	D	Do you think that you will try a cigarette soon?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	hn66	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
h67	A,B	D	Do you think you will smoke a cigarette at any time during the next year?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	hn67	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
h67	A,B	D	Do you think you will smoke a cigarette at any time during the next year?	1 = A. I definitely will; 2 = B. I probably will; 3 = C. I probably will not; 4 = D. I definitely will not	hn67_2	Percentage of students who answered "I definitely will not"	1 = Yes; 2 = No	D	A, B, C, or D
h68	A	D	Think of your four best friends. How many in the past year have smoked cigarettes?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	hn68	Percentage of students who answered at least 1 friend	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h70	A,B	D	If one of your best friends offered you a cigarette, would you smoke it?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	hn70	Percentage of students who answered "Definitely yes", "Probably yes" or "Probably not"	1 = Yes; 2 = No	A, B, or C	A, B, C, or D
h232	A,B	D	How wrong do your friends feel it would be for you to smoke cigarettes?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn232	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h73	D	D	Has a doctor or someone in a doctor's office talked to you about the danger of tobacco use in the past 12 months?	1 = A. I have not visited a doctor's office; 2 = B. Yes; 3 = C. No	hn73	Among students who have visited a doctor's office in the last 12 months, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)
h74	D	D	Has a dentist or someone in a dentist's office talked to you about the danger of tobacco use in the past 12 months?	1 = A. I have not visited a dentist's office; 2 = B. Yes; 3 = C. No	hn74	Among students who have visited a dentist's office in the last 12 months, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)
h75a	A,B	D	During the past 7 days, on how many days were you in the same car with someone who was smoking cigarettes?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	hn75a	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h76	A,B	D	Besides yourself, does anyone who lives in your home smoke cigarettes now?	1 = A. Yes; 2 = B. No	hn76	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h77	D	D	How wrong do you think it is for someone your age to smoke cigarettes?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn77	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h233	C,D	D	Have you ever used an electronic vapor product?	1 = A. Yes; 2 = B. No;	hn233	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h234	C,D	D	During the past 30 days, on how many days did you use an electronic vapor product?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	hn234	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
h248	C,D	D	The LAST TIME you used an electronic vapor product, what was in the vapor you inhaled?	1=A. I have never used an electronic vapor product 2=B. Nicotine 3=C. Marijuana or Hash Oil 4=D. Just flavoring 5=E. Not sure	hn248	Percentage of students who answered 'Nicotine'	1= Yes; 2 = No	B	B, C, D, or E (Exclude A)

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h240	C	D	During the past 30 days, how did you usually get your own electronic vapor products? (Select only one response.)	1=A. I did not use any electronic vapor products during the past 30 days 2=B. I bought them in a store such as a convenience store, supermarket, discount store, gas station, or vape store 3=C. I got them on the Internet 4=D. I gave someone else money to buy them for me 5=E. I borrowed them from someone else 6=F. A person 18 years old or older gave them to me 7=G. I took them from a store or another person 8=H. I got them some other way	hn240	Percentage of students under age 18 who answered 'I bought them in a store such as a convenience store, supermarket, discount store, gas station, or vape store	1= Yes; 2 = No	B (only if under age 18); sample SAS code (may need to be checked) : hn240 = .; if age < 18 and h240 = 2 then hn240 = 1; else if age < 18 and h240 in (3,4,5,6,7,8) then hn240 = 2	B,C,D, or E - only if under age 18 (exclude A)
h78	A,B,C,D	D, ©	During your life, on how many days have you had at least one drink of alcohol?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 9 days; 4 = D. 10 to 19 days; 5 = E. 20 to 39 days; 6 = F. 40 to 99 days; 7 = G. 100 or more days	hn78	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h79	A,B,C,D	D, ©	How old were you when you had your first drink of alcohol other than a few sips?	1 = A. I have never had a drink of alcohol other than a few sips; 2 = B. 8 years old or younger; 3 = C. 9 or 10 years old; 4 = D. 11 or 12 years old; 5 = E. 13 or 14 years old; 6 = F. 15 or 16 years old; 7 = G. 17 years old or older	hn79	Among students who have had more than a few sips of alcohol, the percentage of students who answered before age 13	1 = Yes; 2 = No	B, C, or D	B, C, D, E, F, or G (Exclude A)
h79	A,B,C,D	D, ©	How old were you when you had your first drink of alcohol other than a few sips?	1 = A. I have never had a drink of alcohol other than a few sips; 2 = B. 8 years old or younger; 3 = C. 9 or 10 years old; 4 = D. 11 or 12 years old; 5 = E. 13 or 14 years old; 6 = F. 15 or 16 years old; 7 = G. 17 years old or older	hn79_2	The percentage of students who answered before age 13	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G
h80	A,B,C,D	D, ©	During the past 30 days, on how many days did you have at least one drink of alcohol?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	hn80	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
h241	A,B,C,D	D, ©	During the past 30 days, what is the largest number of alcoholic drinks you had in a row?	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	hn241	Among those who have drank alcohol in the past 30 days, the percentage who answered 5 or more drinks	1 = Yes; 2 = No	E, F, G, or H	B, C, D, E, F, G, or H (Exclude A)

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h82b	A,B,C,D	D, ©	During the past 30 days, how did you usually get the alcohol you drank?	1 = A. I did not drink alcohol during the past 30 days; 2 = B. I bought it in a store such as a liquor store, convenience store, supermarket, discount store, or gas station; 3 = C. I bought it at a restaurant, bar, or club; 4 = D. I bought it at a public event such as a concert or sporting event; 5 = E. I gave someone else money to buy it for me; 6 = F. Someone gave it to me; 7 = G. I took it from a store or family member; 8 = H. I got it some other way	hn82b	Among students who reported alcohol use during the past 30 days, the percentage of students who answered "Someone gave it to me"	1 = Yes; 2 = No	F	B, C, D, E, F, G, or H (Exclude A)
h83	A,B,C,D	D, ©	During the past 30 days, on how many days did you have at least one drink of alcohol on school property ?	1 = A. 0 days; 2 = B. 1 or 2 days; 3 = C. 3 to 5 days; 4 = D. 6 to 9 days; 5 = E. 10 to 19 days; 6 = F. 20 to 29 days; 7 = G. All 30 days	hn83	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G
h84	A,B,C,D	D, ©	If you wanted to get some alcohol, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	hn84	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h86	A,B,C,D	D, ©	If you drank some alcohol without your parents' permission, would you be caught by your parents?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	hn86	Percentage of students who answered "Probably not" or "Definitely not"	1 = Yes; 2 = No	C or D	A, B, C, or D
h87	A,B,C,D	D, ©	If a kid drank some alcohol in your neighborhood, would he or she be caught by the police?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	hn87	Percentage of students who answered "Probably not" or "Definitely not"	1 = Yes; 2 = No	C or D	A, B, C, or D
h88b	A,B,C,D	D, ©	How much do you think people risk harming themselves (physically or in other ways) if they have 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	hn88b	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
h89b	A,B,C,D	D, ©	How much do you think people risk harming themselves (physically or in other ways) if they have 5 or more drinks of an alcoholic beverage in a row once or twice a week?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	hn89b	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
h91a	A,B	D	How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn91a	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h217	A,B	D	How do you feel about someone your age having 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. Strongly approve; 2 = B. Approve; 3 = C. Neither approve nor disapprove; 4 = D. Disapprove; 5 = E. Strongly disapprove	hn217	Percentage of students who answered "Strongly approve" or "Approve"	1 = Yes; 2 = No	A or B	A, B, C, D, or E

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h95	A	D	Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	hn95	Percentage of students who answered at least 1 friend	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h95	A	D	Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	hn95_2	Percentage of students who answered 3 or 4 friends	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h218	A,B,C,D	D, ©	How wrong do your friends feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn218	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h219	A,B,C,D	D, ©	How wrong do your parents feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn219	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h97a	A	D	How wrong do you think it is for someone your age to have 5 or more drinks of alcohol once or twice each week?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn97a	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h98	A,B,C,D	D, ©	During your life, how many times have you used marijuana?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 to 99 times; 7 = G. 100 or more times	hn98	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, F, or G	A, B, C, D, E, F, or G

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h99	A,B,C,D	D, ©	How old were you when you tried marijuana for the first time?	1 = A. I have never tried marijuana; 2 = B. 8 years old or younger; 3 = C. 9 or 10 years old; 4 = D. 11 or 12 years old; 5 = E. 13 or 14 years old; 6 = F. 15 or 16 years old; 7 = G. 17 years old or older	hn99	Among students who have tried marijuana, the percentage of students who answered before age 13	1 = Yes; 2 = No	B, C, or D	B, C, D, E, F, or G (Exclude A)
h99	A,B,C,D	D, ©	How old were you when you tried marijuana for the first time?	1 = A. I have never tried marijuana; 2 = B. 8 years old or younger; 3 = C. 9 or 10 years old; 4 = D. 11 or 12 years old; 5 = E. 13 or 14 years old; 6 = F. 15 or 16 years old; 7 = G. 17 years old or older	hn99_2	Percentage of students who answered before age 13	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G
h100	A,B,C,D	D, ©	During the past 30 days, how many times did you use marijuana?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn100	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h101	A,B,C,D	D, ©	If you wanted to get some marijuana, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	hn101	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
h102	A,B,C,D	D, ©	How wrong do your parents feel it would be for you to smoke marijuana?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn102	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h220	A,B,C,D	D, ©	How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	hn220	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D
h221	A,B,C,D	D, ©	How wrong do your friends feel it would be for you to smoke marijuana?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn221	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h107	A,B	D	If a kid smoked marijuana in your neighborhood, would he or she be caught by the police?	1 = A. Definitely yes; 2 = B. Probably yes; 3 = C. Probably not; 4 = D. Definitely not	hn107	Percentage of students who answered "Probably not" or "Definitely not"	1 = Yes; 2 = No	C or D	A, B, C, or D
h108	A,B	D	How wrong do you think it is for someone your age to smoke marijuana?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn108	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h109	A	D	During the past 30 days, how many times did you use marijuana on school property ?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn109	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h110	A	D	Think of your four best friends. How many in the past year have used marijuana?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	hn110	Percentage of students who answered at least 1 friend	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h110	A	D	Think of your four best friends. How many in the past year have used marijuana?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	hn110_2	Percentage of students who answered 3 or 4 friends	1 = Yes; 2 = No	D or E	A, B, C, D, or E

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h111	A,B,C,D	D, ©	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?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn111	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h118a	A,B	D	During the past 30 days, how many times did you sniff glue, breathe the contents of aerosol spray cans, or inhale any paints or sprays to get high?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn118a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h249	A,B,C,D	D, ©	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? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.)	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn249	Percentage of students who answered at least once	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h113a	A,B,C,D	D, ©	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?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn113a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h117	A,B	D	During your life, how many times have you used any form of cocaine, including powder, crack, or freebase?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn117	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h119	A,B	D	During your life, how many times have you used heroin (also called smack, junk, or China White)?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn119	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h222a	A,B	D	During your life, how many times have you used methamphetamines (also called meth , speed, crystal, crank, or ice)?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn222a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h121	A,B	D	During your life, how many times have you used ecstasy (also called MDMA)?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn121	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h122	A,B	D	During your life, how many times have you taken steroid pills or shots without a doctor's prescription?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn122	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h223	A,B	D	During your life, how many times have you used hallucinogenic drugs , such as LSD, acid, PCP, angel dust, mescaline, or mushrooms?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn223	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h124	D	D	During your life, how many times have you used a needle to inject any illegal drug into your body?	1 = A. 0 times; 2 = B. 1 time; 3 = C. 2 or more times	hn124	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B or C	A, B, or C
h126	A,B	D	How many times in the past year (12 months) have you been drunk or high at school ?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn126	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h127	A,B	D	How many times in the past year (12 months) have you sold illegal drugs?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn127	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h114	A,B,C,D	D, ©	During the past 12 months, has anyone offered, sold, or given you an illegal drug on school property ?	1 = A. Yes; 2 = B. No	hn114	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h125	A,B	D	If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	hn125	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
h115	A,B,C,D	D, ©	Do you agree or disagree with the following statement? "My family has clear rules about alcohol and drug use."	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Disagree; 4 = D. Strongly disagree	hn115	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, or D
h224	A,B	D	How wrong do your parents feel it would be for you to take a prescription drug not prescribed to you?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn224	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h129	A,B	D	During the past 12 months, do you recall hearing, reading or watching an advertisement about the prevention of substance use?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn129	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h131a	A,B,C,D	D, ©	How much do you think people risk harming themselves (physically or in other ways) if they take a prescription drug that is not prescribed to them?	1 = A. No risk; 2 = B. Slight risk; 3 = C. Moderate risk; 4 = D. Great risk	hn131a	Percentage of students who answered "No risk" or "Slight risk"	1 = Yes; 2 = No	A or B	A, B, C, or D

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h225	A,B	D	How wrong do your friends feel it would be for you to take a prescription drug not prescribed to you?	1 = A. Very wrong; 2 = B. Wrong; 3 = C. A little bit wrong; 4 = D. Not wrong at all	hn225	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	1 = Yes; 2 = No	C or D	A, B, C, or D
h132	A	D	Think of your four best friends. How many in the past year have used LSD, cocaine, amphetamines, or other illegal drugs?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	hn132	Percentage of students who answered at least 1 friend	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h132	A	D	Think of your four best friends. How many in the past year have used LSD, cocaine, amphetamines, or other illegal drugs?	1 = A. None of my friends; 2 = B. 1 of my friends; 3 = C. 2 of my friends; 4 = D. 3 of my friends; 5 = E. 4 of my friends	hn132_2	Percentage of students who answered 3 or 4 friends	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h133a	A	D	About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs?	1 = A. None; 2 = B. 1 adult; 3 = C. 2 adults; 4 = D. 3 or 4 adults; 5 = E. 5 or more adults	hn133a	Percentage of students who answered at least 1 adult	1 = Yes; 2 = No	B, C, D, or E	A, B, C, D, or E
h242	A,B	D	If you wanted to get prescription drugs (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) that were not prescribed to you, how easy would it be to get some ?	1 = A. Very hard; 2 = B. Sort of hard; 3 = C. Sort of easy; 4 = D. Very easy	hn242	Percentage of students who answered "Sort of easy" or "Very easy"	1 = Yes; 2 = No	C or D	A, B, C, or D
h235	A,B	D	During your life, how many times have you used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk, or Moon Rocks)?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn235	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h135	A,B,C,D	D, ©	Have you ever had sexual intercourse?	1 = A. Yes; 2 = B. No	hn135	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h138	C	D	How old were you when you had sexual intercourse for the first time?	1 = A. I have never had sexual intercourse; 2 = B. 11 years old or younger; 3 = C. 12 years old; 4 = D. 13 years old; 5 = E. 14 years old; 6 = F. 15 years old; 7 = G. 16 years old; 8 = H. 17 years old or older	hn138	Percentage of students who answered before age 13	1 = Yes; 2 = No	B or C	A, B, C, D, E, F, G, or H
h227	C	D	The first time you had sexual intercourse, how old was your partner?	1 = A. I have never had sexual intercourse; 2 = B. 13 years old or younger; 3 = C. 14 or 15 years old; 4 = D. 16 years old; 5 = E. 17 years old; 6 = F. 18 to 20 years old; 7 = G. 21 years old or older; 8 = H. Not sure	hn227	Among students who have had sexual intercourse, the percentage of students who answered at least 18 years old	1 = Yes; 2 = No	F or G	B, C, D, E, F, G, or H (Exclude A)
h139	C	D	During your life, with how many people have you had sexual intercourse?	1 = A. I have never had sexual intercourse; 2 = B. 1 person; 3 = C. 2 people; 4 = D. 3 people; 5 = E. 4 people; 6 = F. 5 people; 7 = G. 6 or more people	hn139	Percentage of students who answered at least 4 people	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h140	C	D	During the past 3 months, with how many people did you have sexual intercourse?	1 = A. I have never had sexual intercourse; 2 = B. I have had sexual intercourse, but not during the past 3 months; 3 = C. 1 person; 4 = D. 2 people; 5 = E. 3 people; 6 = F. 4 people; 7 = G. 5 people; 8 = H. 6 or more people	hn140	Percentage of students who answered at least 1 person	1 = Yes; 2 = No	C, D, E, F, G, or H	A, B, C, D, E, F, G, or H
h141	C	D	Did you drink alcohol or use drugs before you had sexual intercourse the last time ?	1 = A. I have never had sexual intercourse; 2 = B. Yes; 3 = C. No	hn141	Among students who had sexual intercourse during the past three months, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B in h141 & C, D, E, F, G, or H in h140	B or C (Exclude A) in h141 & C, D, E, F, G, or H in h140
h136	C,D	D	The last time you had sexual intercourse, did you or your partner use a condom?	1 = A. I have never had sexual intercourse; 2 = B. Yes; 3 = C. No	hn136	Among students who have ever had sexual intercourse, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B	B or C (Exclude A)
h136	C	D	The last time you had sexual intercourse, did you or your partner use a condom?	1 = A. I have never had sexual intercourse; 2 = B. Yes; 3 = C. No	hn136_2	Among students who had sexual intercourse during the past three months, the percentage of students who answered "Yes"	1 = Yes; 2 = No	B in h136 & C, D, E, F, G, or H in h140	B or C (Exclude A) in h136 & C, D, E, F, G, or H in h140

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h226	C,D	D	The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy ? (Select only one response.)	1 = A. I have never had sexual intercourse; 2 = B. No method was used to prevent pregnancy; 3 = C. Birth control pills; 4 = D. Condoms; 5 = E. An IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); 6 = F. A shot (such as Depo-Provera), patch (such as Ortho Evra), or birth control ring (such as NuvaRing); 7 = G. Withdrawal or some other method; 8 = H. Not sure	hn226_3	Among students who have ever had sexual intercourse, the percentage of students who utilized a hormonal method of birth control	1 = Yes; 2 = No	C, E, or F	B, C, D, E, F, G, or H (Exclude A)
h226	C	D	The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy ? (Select only one response.)	1 = A. I have never had sexual intercourse; 2 = B. No method was used to prevent pregnancy; 3 = C. Birth control pills; 4 = D. Condoms; 5 = E. An IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); 6 = F. A shot (such as Depo-Provera), patch (such as Ortho Evra), or birth control ring (such as NuvaRing); 7 = G. Withdrawal or some other method; 8 = H. Not sure	hn226_4	Among students who had sexual intercourse during the past three months, the percentage of students who utilized a hormonal method of birth control	1 = Yes; 2 = No	C, E, or F in h226 & C, D, E, F, G, or H in h140	B, C, D, E, F, G, or H (Exclude A) in h226 & C, D, E, F, G, or H in h140

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h142	D	D	Have you ever had oral sex?	1 = A. Yes; 2 = B. No	hn142	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h144a	C,D	D	During your life, with whom have you had sexual contact?	1 = A. I have never had sexual contact; 2 = B. Females; 3 = C. Males; 4 = D. Females and males	hn144a	Among students who have had sexual contact, the percentage of students who answered that they had sexual contact with a person of the same sex	1 = Yes; 2 = No	[B or D for h144a & A for h2] OR [C or D for h144a & B for h2]	[B, C, or D for h144a; Exclude A] & [A or B for h2]
h145	D	D	Have you talked with your parent(s) and/or guardian(s) about sex in the past 6 months?	1 = A. Yes; 2 = B. No	hn145	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h206a	D	D	Have you ever been tested for a sexually transmitted disease (STD) such as Chlamydia, Syphilis, Gonorrhea, or HIV?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn206a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h206a	D	D	Have you ever been tested for a sexually transmitted disease (STD) such as Chlamydia, Syphilis, Gonorrhea, or HIV?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn206a_2	Among those who have ever had sexual intercourse, percentage of students who answered "Yes"	1 = Yes; 2 = No	A in h206a & A in h135	A, B, or C in h206a & A in h135

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2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h156	A,B,C,D	N/A	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.)	1 = A. I did not drink 100% fruit juice during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A
h157	A,B,C,D	N.A	During the past 7 days, how many times did you eat fruit ? (Do not count fruit juice.)	1 = A. I did not eat fruit during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A
h158b	A,B,C,D	N/A	During the past 7 days, how many times did you eat vegetables , such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.)	1 = A. I did not eat vegetables during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	N/A	N/A	N/A	N/A	N/A

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h207	C	N/A	During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? (Do not count diet soda, other diet drinks, or 100% fruit juice.)	0 = A. I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	hn207_2	Percentage of students who answered at least one time per day in the past week	0 = Yes; 2 = No	D, E, F, or G	A, B, C, D, E, F, or G
h207a	A,B,D	N/A	During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.)	1 = A. I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days; 2 = B. 1 to 3 times during the past 7 days; 3 = C. 4 to 6 times during the past 7 days; 4 = D. 1 time per day; 5 = E. 2 times per day; 6 = F. 3 times per day; 7 = G. 4 or more times per day	hn207a	Percentage of students who answered at least one time per day in the past week	1 = Yes; 2 = No	D, E, F, or G	A, B, C, D, E, F, or G

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
N/A	A,B,C,D	D, ©	N/A	N/A	hn207a_2	Percentage of students who drank sugar-sweetened beverages at least one time per day in the past week	1 = Yes; 2 = No	h207 = D,E,F, or G or h207a = D,E,F, or G (Draft SAS code below: hn207a_2 = .; if h207 ne . then hnsb = h207; else if h207a ne . then hnsb = h207a; if hnsb in(4,5,6,7) then hn207a_2 = 1; else if hnsb in(1,2,3) then hn207a_2 = 2;	h207 = A,B,C,D,E,F, or G or h207a = A,B,C,D,E,F, or G
h160a	C	D	During the past 7 days, how many glasses of milk did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.)	1 = A. I did not drink milk during the past 7 days; 2 = B. 1 to 3 glasses during the past 7 days; 3 = C. 4 to 6 glasses during the past 7 days; 4 = D. 1 glass per day; 5 = E. 2 glasses per day; 6 = F. 3 glasses per day; 7 = G. 4 or more glasses per day	hn160a	Percentage of students who answered three or more glasses per day	1 = Yes; 2 = No	F or G	A, B, C, D, E, F, or G

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h228	A	D	What kind of milk do you usually drink? (Select only one response.)	1 = A. I do not drink milk; 2 = B. Whole milk; 3 = C. 2% or reduced fat milk; 4 = D. 1% or low fat milk; 5 = E. Fat-free, skim, or non-fat milk; 6 = F. Chocolate or flavored milk; 7 = G. Some other type of milk; 8 = H. Not sure	hn228	Among students who drink milk, percentage of students who answered "1% or low fat milk" or "Fat-free, skim, or non-fat milk"	1 = Yes; 2 = No	D or E	B, C, D, E, F, G, or H (Exclude A)
h243	A,B	D	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians ?	1=A. 0 days, 2=B. 1 day 3=C. 2 days 4=D. 3 days 5=E. 4 days 6=F. 5 days 7=G. 6 days 8=H. 7 days	hn243	Percentage of students who answered at least 5 days	1= Yes; 2 = No	F, G, or H	A, B, C, D, E, F, G, or H
h209	A,B,C,D	D, ©	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.)	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days; 7 = G. 6 days; 8 = H. 7 days	hn209	Percentage of students who answered at least 5 days	1 = Yes; 2 = No	F, G, or H	A, B, C, D, E, F, G, or H

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h166	C,D	D	On an average school day, how many hours do you watch TV?	1 = A. I do not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	hn166	Percentage of students who answered at least 3 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
h166	C,D	D	On an average school day, how many hours do you watch TV?	1 = A. I do not watch TV on an average school day; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	hn166_2	Percentage of students who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G
h167c	C,D	D	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 on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media.)	1 = A. I do not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	hn167c	Percentage of students who answered at least 3 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h167c	C,D	D	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 on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media.)	1 = A. I do not play video or computer games or use a computer for something that is not school work; 2 = B. Less than 1 hour per day; 3 = C. 1 hour per day; 4 = D. 2 hours per day; 5 = E. 3 hours per day; 6 = F. 4 hours per day; 7 = G. 5 or more hours per day	hn167c_2	Percentage of students who answered 2 or fewer hours	1 = Yes; 2 = No	A, B, C, or D	A, B, C, D, E, F, or G
h168	A,B,C,D	D, ©	In an average week when you are in school, on how many days do you go to physical education (PE) classes?	1 = A. 0 days; 2 = B. 1 day; 3 = C. 2 days; 4 = D. 3 days; 5 = E. 4 days; 6 = F. 5 days	hn168	Percentage of students who answered at least 1 day	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h239	A,B	D	Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)	1 = A. Yes; 2 = B. No	hn239	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A or B
h237	B	D	During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)	1 = A. 0 teams 2 = B. 1 team 3 = C. 2 teams 4 = D. 3 or more teams	hn237	Percentage of students who answered at least one team	1 = Yes; 2 = No	B, C, or D	A, B, C, or D
h170	C	D	Has a doctor or nurse ever told you that you have asthma?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn170	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h171	C	D	Do you still have asthma?	1 = A. I have never had asthma; 2 = B. Yes; 3 = C. No; 4 = D. Not sure	hn171_2	Among students who reported to have asthma in h170, the percentage of students who answered "Yes"	1 = Yes; 2 = No	h170=A & h171=B	h170=A & h171=B, C, or D (Exclude A)
h229	C	D	During the past 12 months, about how many days did you miss school because of your asthma?	1 = A. I have never had asthma; 2 = B. I did not miss any days of school because of my asthma; 3 = C. 1 or 2 days; 4 = D. 3 or 4 days; 5 = E. 5 or more days	hn229_2	Among students who reported to have asthma in h170, the percentage of students who answered at least 1 day	1 = Yes; 2 = No	h170=A & h229=C, D, or E	h170=A & h229=B, C, D, or E (Exclude A)
h173	D	D	Has a doctor or nurse ever told you that you have diabetes?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn173	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h174a	B	D	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?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn174a	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h175a	B	D	During the past 12 months, how many times did you get a sunburn (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)?	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn175a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F
h176a	B	D	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 include getting a spray-on tan.)	1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times	hn176a	Percentage of students who answered at least 1 time	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h177	D	D	Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn177	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h178	D	D	Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn178	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h179a	D	D	Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn179a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h180a	D	D	Are you limited in any activities because of a disability or long-term health problem including physical health, emotional, or learning problems expected to last 6 months or more?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn180a	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h181	D	D	Where do you usually go for health care (for example, check-ups, when you are sick, etc.)?	1 = A. I never seek health care; 2 = B. Family doctor; 3 = C. Community health center; 4 = D. School-based health center; 5 = E. Hospital or emergency room; 6 = F. Family planning clinic; 7 = G. No one place	hn181_2	Percentage of students who answered "Family doctor," "Community health center," or "School-based health center"	1 = Yes; 2 = No	B, C, or D	A, B, C, D, E, F, or G

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h182	D	D	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	1 = A. During the past 12 months; 2 = B. Between 12 and 24 months ago; 3 = C. More than 24 months ago; 4 = D. Never; 5 = E. Not sure	hn182	Percentage of students who answered "During the past 12 months"	1 = Yes; 2 = No	A	A, B, C, D, or E
h182	D	D	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	1 = A. During the past 12 months; 2 = B. Between 12 and 24 months ago; 3 = C. More than 24 months ago; 4 = D. Never; 5 = E. Not sure	hn182_2	Percentage of students who answered "During the past 12 months" (Excludes "Not sure" responses from h182)	1 = Yes; 2 = No	A	A, B, C, or D (Exclude E)
h236	C	D	On an average school night, how many hours of sleep do you get?	1 = A. 4 or less hours 2 = B. 5 hours 3 = C. 6 hours 4 = D. 7 hours 5 = E. 8 hours 6 = F. 9 hours 7 = G. 10 or more hours	hn236	Percentage of student who answered at least 8 hours	1 = Yes; 2 = No	E, F, or G	A, B, C, D, E, F, or G
h147	B	D	Have you ever been taught about AIDS or HIV infection in school?	1 = A. Yes; 2 = B. No; 3 = C. Not sure	hn147	Percentage of students who answered "Yes"	1 = Yes; 2 = No	A	A, B, or C
h185	C,D	D	During the past 12 months, how would you describe your grades in school?	1 = A. Mostly A's; 2 = B. Mostly B's; 3 = C. Mostly C's; 4 = D. Mostly D's; 5 = E. Mostly F's; 6 = F. None of these grades; 7 = G. Not sure	hn185	Percentage of students who answered "Mostly A's" or "Mostly B's"	1 = Yes; 2 = No	A or B	A, B, C, D, E, F or G
h189	A,B	D	During an average week, how many hours do you spend in clubs or organizations (other than sports) outside of regular school hours?	1 = A. 0 hours; 2 = B. 1 hour; 3 = C. 2 hours; 4 = D. 3 to 5 hours; 5 = E. 6 to 10 hours; 6 = F. 11 or more hours	hn189	Percentage of students who answered at least 1 hour	1 = Yes; 2 = No	B, C, D, E, or F	A, B, C, D, E, or F

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h186	A,B,C,D	D, ©	Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it?	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Not sure; 4 = D. Disagree; 5 = E. Strongly disagree	hn186	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
h210	A,B,C,D	D, ©	How often does your school enforce rules fairly?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn210	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h211	A,B,C,D	D, ©	How often do adults in your school address conflict, negative language, and bullying in positive ways to help students?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn211	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h187	A,B,C,D	D, ©	How often does one of your parents talk with you about what you are doing in school?	1 = A. About every day; 2 = B. About once or twice a week; 3 = C. About once or twice a month; 4 = D. Less than once a month; 5 = E. Never	hn187	Percentage of students who answered "About every day" or "About once or twice a week"	1 = Yes; 2 = No	A or B	A, B, C, D, or E
h193b	A,B	D	How often is the following statement true for you? "When I am not at home, one of my parents or guardians knows where I am and whom I am with."	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn193b	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h191a	A,B,C,D	D, ©	Do you agree or disagree that in your community you feel like you matter to people?	1 = A. Strongly agree; 2 = B. Agree; 3 = C. Not sure; 4 = D. Disagree; 5 = E. Strongly disagree	hn191a	Percentage of students who answered "Strongly agree" or "Agree"	1 = Yes; 2 = No	A or B	A, B, C, D, or E

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h196a	A,B	D	I have parent(s) or guardian(s) who try to help me succeed.	1 = A. Not at all or rarely; 2 = B. Somewhat or sometimes; 3 = C. Very or often; 4 = D. Extremely or almost always	hn196a	Percentage of students who answered "Very or often" or "Extremely or almost always"	1 = Yes; 2 = No	C or D	A, B, C, or D
h198	A,B	D	I have a school that cares about kids and encourages them.	1 = A. Not at all or rarely; 2 = B. Somewhat or sometimes; 3 = C. Very or often; 4 = D. Extremely or almost always	hn198	Percentage of students who answered "Very or often" or "Extremely or almost always"	1 = Yes; 2 = No	C or D	A, B, C, or D
h199	A,B,D	D (Versions A, B Only)	I have support from adults other than my parents.	1 = A. Not at all or rarely; 2 = B. Somewhat or sometimes; 3 = C. Very or often; 4 = D. Extremely or almost always	hn199	Percentage of students who answered "Very or often" or "Extremely or almost always"	1 = Yes; 2 = No	C or D	A, B, C, or D
h245	C	N/A	How often do you have support from adults other than your parents?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn245	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E
h200	A,B,D	D (Versions A, B Only)	I have a family that gives me love and support.	1 = A. Not at all or rarely; 2 = B. Somewhat or sometimes; 3 = C. Very or often; 4 = D. Extremely or almost always	hn200	Percentage of students who answered "Very or often" or "Extremely or almost always"	1 = Yes; 2 = No	C or D	A, B, C, or D
h246	C	N/A	How often does your family give you love and support?	1 = A. Never; 2 = B. Rarely; 3 = C. Sometimes; 4 = D. Most of the time; 5 = E. Always	hn246	Percentage of students who answered "Most of the time" or "Always"	1 = Yes; 2 = No	D or E	A, B, C, D, or E

HS Survey Questions and Summary Variables

2017 Variable	2017 Versions	2017 Reports	2017 Question Wording	2017 Question Values	2017 Summary Variable	2017 Answer of Interest	2017 A of I Values	2017 Numerator	2017 Denominator
h244	A, B	N/A	<p>Please tell us <u>HOW MANY</u> of the following six things have <u>EVER</u> happened to you (Add up how many ever happened to you):</p> <ul style="list-style-type: none"> - Your parents/guardians got divorced or separated - A parent/guardian died - A parent/guardian was in jail or prison - You lived with an adult who had a mental illness - Your parent or another adult you lived with often swore at you, insulted you, put you down, or humiliated you. - You were physically hurt by an adult in your home 	<p>1 = A. 0, none of these things have ever happened to me 2 = B. 1 3 = C. 2 4 = D. 3 5 = E. 4 6 = F. 5 7 = G. 6</p>	hn244	N/A	N/A	N/A	N/A
h183a	A,B	D	<p>In your lifetime, how many times have you gambled (bet) with money or something else of value? (Include if you bet at a casino, race track, or online, bought lottery tickets, bet on a sports team, or played cards or other games for money or things.)</p>	<p>1 = A. 0 times; 2 = B. 1 or 2 times; 3 = C. 3 to 9 times; 4 = D. 10 to 19 times; 5 = E. 20 to 39 times; 6 = F. 40 or more times</p>	hn183a	Percentage of students who answered at least 1 time	<p>1 = Yes; 2 = No</p>	B, C, D, E, or F	A, B, C, D, E, or F
h184	A,B	D	<p>Has the money or time that you spent on gambling led to financial problems or problems in your family, work, school or personal life?</p>	<p>1 = A. I have never gambled; 2 = B. Yes; 3 = C. No</p>	hn184	Percentage of students who answered "Yes"	<p>1 = Yes; 2 = No</p>	B	A, B, or C

HS Calculated Variables

2017 Summary Variable	2017 Calculated Variable	2017 Calculated Variable Values	Programming Information / SAS Code
raceeth	Race/Ethnicity	h5aa 1 = A. American Indian or Alaska Native h5b 1 = B. Asian h5c 1 = C. Black or African American h5da 1 = D. Native Hawaiian or Other Pacific Islander h5e 1 = E. White	<pre> *race/ethnicity* hisp=h4; racevar1=h5aa; racevar2=h5b; racevar3=h5c; racevar4=h5da; racevar5=h5e; array raceresp racevar1 racevar2 racevar3 racevar4 racevar5; countrace=0; length raceeth 8; do i=1 to dim(raceresp); if raceresp[i]=1 then countrace=countrace+1; end; if hisp not in (1,2) then hisp=.; if hisp=1 then raceeth=4; /* Hispanic */ else if hisp=. or countrace=0 then raceeth=.; else if countrace ge 2 then raceeth=7; /* Multi */ else if countrace=1 then do; if racevar1=1 then raceeth=1; /* AI/AN */ else if racevar2=1 then raceeth=2; /* Asian */ else if racevar3=1 then raceeth=3; /* Black/AA */ else if racevar4=1 then raceeth=5; /* Hawaiian/PI */ else if racevar5=1 then raceeth=6; /* White */ </pre>
hnowt	Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	1 = Yes; 2 = No	<pre> See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm if vbivbmi ge 1 then do; bmi=.; bimpct=.; end; If bimpct Ne . Then Do; HNOWT = 2; HNOBESE = 2; HNHLTHWT=2; *overweight* If bimpct Ge 85 and bimpct Lt 95 Then HNOWT = 1; </pre>
hnobese	Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	1 = Yes; 2 = No	<pre> See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm if vbivbmi ge 1 then do; bmi=.; bimpct=.; end; If bimpct Ne . Then Do; HNOWT = 2; HNOBESE = 2; HNHLTHWT=2; *obese* If bimpct Ge 95 Then HNOBESE = 1; </pre>
hnhlthwt	Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	1 = Yes; 2 = No	<pre> See http://www.cdc.gov/nccdphp/dnpa/growthcharts/resources/sas.htm if vbivbmi ge 1 then do; bmi=.; bimpct=.; end; If bimpct Ne . Then Do; HNOWT = 2; HNOBESE = 2; HNHLTHWT=2; *healthy weight* If bimpct Ge 5 and bimpct Lt 85 then HNHLTHWT=1; </pre>

HS Calculated Variables

hntobsus	Percentage of students who are susceptible to cigarette use (among all students including those who have tried or are current cigarette users)	1 = Yes; 2 = No	*susceptible to tobacco* if missing(h66) or missing(h67) or missing(h70) then hntobsus=.; else if h66 in (1,2,3) or h67 in (1,2,3) or h70 in (1,2,3) then hntobsus=1; else hntobsus=2;
hnanytoba	Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days	1 = Yes; 2 = No	*Limited to A,B survey responses only due to issue with D data on "other tobacco use".* SAS Code from YRBS Data User Guide – HNANYTOBa=2; if h48 in (2,3,4,5,6,7) then HNANYTOBa =1; if h251 in (2,3,4,5,6,7) then HNANYTOBa =1; if h49 in (2,3,4,5,6,7) then HNANYTOBa = 1; if h48 = . or h251 = . or h49 = . then HNANYTOBa =.;
hncrpad	Perceived Availability of Drugs Scale -- High Risk	0 = No (Low Risk); 1 = Yes (High Risk)	* Perceived Availability of Drugs* If (h3 in (2,4) and student_module in ('HS-A','HS-B')) Then Do; * compute for 10th and 12th grade only; tmp = 4 - nmiss(h56, h84, h101, h125); If tmp Ge 3 Then crpad = mean(h56, h84, h101, h125); If (h3 Eq 2 and crpad Ne .) Then HNCRPAD = (crpad > 2.917); If (h3 Eq 4 and crpad Ne .) Then HNCRPAD = (crpad > 3.103);
hnprfud	Peers Use of Drugs Scale -- High Risk	0 = No (Low Risk); 1 = Yes (High Risk)	*Peers Use of Drugs* If (h3 in (2,4)) Then Do; * compute for 10th and 12th grade only; h68new = h68 - 1; h95new = h95 - 1; h110new = h110 - 1; h132new = h132 - 1; tmp = 4 - nmiss(h68new, h95new, h110new, h132new); If tmp Ge 3 Then prfud = mean(h68new, h95new, h110new, h132new); If (h3 Eq 2 and prfud Ne .) Then HNPRFUD = (prfud > 1.438); If (h3 Eq 4 and prfud Ne .) Then HNPRFUD = (prfud > 1.933);

HS Calculated Variables

hfruit	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days	1 = Yes; 2 = No	<pre> *fruit* Length qfruit1 qfruit2 8; qfrot=0; Array qfr{2} h156 h157; Array qfruit{2} qfruit1 qfruit2; Do i = 1 to 2; Select (qfr{i}); When('1') qfruit{i}=0; When('2') qfruit{i}=2/7; When('3') qfruit{i}=5/7; When('4') qfruit{i}=1; When('5') qfruit{i}=2; When('6') qfruit{i}=3; When('7') qfruit{i}=4; Otherwise qfruit{i}=.; End; qfrot = qfrot + qfruit{i}; End; If qfrot Ge 2 Then hfruit = 1; Else If qfrot Ne . Then hfruit = 2; Else hfruit = .; </pre>
hnonefrt	Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days	1 = Yes; 2 = No	<pre> *one fruit* if qfrot>=1 then hnonefrt=2; else if qfrot ne . then hnonefrt=1; else hnonefrt=.; drop qfruit1-qfruit2 qfrot; </pre>
hnveg	Percentage of students who ate vegetables three or more times per day during the past seven days	1 = Yes; 2 = No	<pre> *vegetables* if h158b in (6,7) then hnveg=1; else if h158b in (1,2,3,4,5) then hnveg=2 </pre>
hnoneveg	Percentage of students who ate vegetables less than 1 time per day during the past seven days	1 = Yes; 2 = No	<pre> *one vegetable* if h158b in (1,2,3) then hnoneveg=1; else if h158b in (4,5,6,7) then hnoneveg=2; </pre>

HS Calculated Variables

<p>hnfrvg</p>	<p>Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day during the past seven days</p>	<p>1 = Yes; 2 = No</p>	<p>*fruits and vegetables* Length qfrvg1 qfrvg2 qfrvg3 8; qfrvgtot=0; Array qfv{*} h156 h157 h158b; Array qfrvg{*} qfrvg1 qfrvg2 qfrvg3; Do i = 1 To 3; select (qfv{i}); when('1') qfrvg{i}=0; when('2') qfrvg{i}=2/7; when('3') qfrvg{i}=5/7; when('4') qfrvg{i}=1; when('5') qfrvg{i}=2; when('6') qfrvg{i}=3; when('7') qfrvg{i}=4; otherwise qfrvg{i}=.; end; qfrvgtot = qfrvgtot + qfrvg{i}; end; if qfrvgtot Ge 5 then hnfrvg = 1; else if qfrvgtot Ne . then hnfrvg = 2; else hnfrvg = .;</p>
<p>hnpa7day</p>	<p>Percentage of students who were physically active for a total of at least 60 minutes per day on all of the past seven days</p>	<p>1 = Yes; 2 = No</p>	<p>*physically active* if h209=8 then hnpa7day=1; else if h209 in (1,2,3,4,5,6,7) then hnpa7day=2; else hnpa7day=.;</p>
<p>hnscreen</p>	<p>Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day</p>	<p>1 = Yes; 2 = No</p>	<p>*screen time* array sc1 h166 h167c; array sc2 h166hr h167chr; do i=1 to dim(sc1); select (sc1[i]); when (1) sc2[i]=0; when (2) sc2[i]=.4; when (3) sc2[i]=1; when (4) sc2[i]=2; when (5) sc2[i]=3; when (6) sc2[i]=4; when (7) sc2[i]=5; otherwise sc2[i]=.; end; end; scrtotal=h166hr+h167chr; if h166=. or h167c=. then hnscreen=.; else if scrtotal le 2 then hnscreen=1; else if scrtotal gt 2 then hnscreen=2;</p>

HS Calculated Variables

hndlype	Percentage of students who attended physical education (PE) classes daily in an average week when they were in school	1 = Yes; 2 = No	*PE classes* f h168=6 then hndlype=1; else if h168 in (1,2,3,4,5) then hndlype=2;
hnltasth	Percentage of students with lifetime asthma (Excludes "Not sure" responses from h170)	1 = Yes; 2 = No	*lifetime asthma* if h170=1 then hnltasth=1; else if h170=2 then hnltasth=2;
hncrasth	Percentage of students with current asthma (Excludes "Not sure" responses from h170 and h171)	1 = Yes; 2 = No	*current asthma* hncrasth=.; if h170=1 and h171=2 then hncrasth=1; else if (h170=2 and h171=1) or (h170=1 and h171=3) then hncrasth=2;
hndiab	Percentage of students with diagnosed diabetes (Excludes "Not sure" responses from h173)	1 = Yes; 2 = No	*diagnosed diabetes* if h173=1 then hndiab=1; else if h173=2 then hndiab=2;
hndisab	Percentage of students who have a disability	1 = Yes; 2 = No	*disability* If (h177 in (1,2,3)) OR (h178 in (1,2,3)) OR (h179a in (1,2,3)) OR (h180a in (1,2,3)) Then hndisab = 2; If (h177 Eq 1) OR (h178 Eq 1) OR (h179a Eq 1) OR (h180a Eq 1) Then hndisab = 1;
hnace	Percentage of students who have reported 3 or more Adverse Childhood Experiences	1= Yes; 2 = No	*adverse childhood experiences* if hn29a = 2 then forcedsex = 0; if hn29a = 1 then forcedsex = 1; if hn30 = 2 then violence = 0; if hn30 = 1 then violence = 1; if h244 = 1 then ACEq = 0; if h244 = 2 then ACEq = 1; if h244 = 3 then ACEq = 2; if h244 = 4 then ACEq = 3; if h244 = 5 then ACEq = 4; if h244 = 6 then ACEq = 5; if h244 = 7 then ACEq = 6; if hn29a = . or hn30 = . or h244= . then ACEScore=.; else ACEScore = forcedsex + violence + ACEq; if ACEScore lt 3 then hnACE = 2; if ACEScore ge 3 then hnACE = 1; if ACEScore=. then hnACE=.;

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
1	studentid	Student ID
2	pacid	PACID
3	class_code	Class Code
4	school_name	School Name
5	doe_id	Department of Education ID
6	sau_id	SAU DOE ID
7	aos_id	AOS DOE ID
8	county_id	County Code
9	county_name	County Name
10	phd_id	Public Health District
11	phd_name	Public Health District name
12	dfc_id	DFC ID
13	dfc_name	DFC Name
14	student_module	Student Module
15	school_module	School Module
16	h1	(h1)How old are you?
17	h2	(h2)What is your sex?
18	h3	(h3)In what grade are you?
19	h4	(h4)Are you Hispanic or Latino?
20	h5aa	(h5aa)What is your race? (Select one or more responses.) A. American Indian or Alaska Native
21	h5b	(h5b)What is your race? (Select one or more responses.) B. Asian
22	h5c	(h5c)What is your race? (Select one or more responses.) C. Black or African American
23	h5da	(h5da)What is your race? (Select one or more responses.) D. Native Hawaiian or Other Pacific Islander
24	h5e	(h5e)What is your race? (Select one or more responses.) E. White
25	raceeth	Race/Ethnicity
26	hisp	Hispanic ethnicity
27	race	Combined Race Category
28	h6ft	(h6ft)How tall are you without your shoes on?
29	h6in1	(h6in1)How tall are you without your shoes on?
30	h6in2	(h6in2)How tall are you without your shoes on?
31	h7wgt1	(h7wgt1)How much do you weigh without your shoes on?
32	h7wgt2	(h7wgt2)How much do you weigh without your shoes on?
33	h7wgt3	(h7wgt3)How much do you weigh without your shoes on?
34	hnowt	(hnowt) Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT
35	hnoese	(hnoese) Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT
36	hnhlthwt	(hnhlthwt) Percentage of students who were at a healthy weight (i.e., at or above the 5th percentile but below the 85th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT
37	h8a	(h8a)What language is spoken most often at home?
38	hn8a	(hn8a)What language is spoken most often at home? Percentage of students who answered something other than 'English'
39	h9	(h9)Which of the following best describes you?
40	hn9	(hn9)Which of the following best describes you? Percentage of students who answered 'Gay or lesbian' or 'Bisexual'
41	h250	(h250)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?
42	hn250	(hn250)Percentage of students who answered "Yes, I am transgender"
43	h247	(h247)During the past 30 days, where did you usually sleep?
44	hn247	(hn247)Percentage of students who answered "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"
45	h10a	(h10a)When you rode a bicycle during the past 12 months, how often did you wear a helmet?
46	hn10a	(hn10a)When you rode a bicycle during the past 12 months, how often did you wear a helmet? Among students who rode a bicycle in the past 12 months, the percentage of students who answered "Never wore a helmet" or "Rarely wore a helmet"
47	h11	(h11)How often do you wear a seat belt when riding in a car driven by someone else?
48	hn11	(hn11)How often do you wear a seat belt when riding in a car driven by someone else? Percentage of students who answered "Never" or "Rarely"
49	hn11_2	(hn11_2)How often do you wear a seat belt when riding in a car driven by someone else? Percentage of students who answered "Always"
50	h213	(h213)How often do you wear a seat belt when driving a car?
51	hn213	(hn213)How often do you wear a seat belt when driving a car? Among students who drive, the percentage of students who answered "Never" or "Rarely"
52	hn213_2	(hn213_2)How often do you wear a seat belt when driving a car? Among students who drive, the percentage of students who answered "Always"
53	h13	(h13)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?
54	hn13	(hn13)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? Percentage of students who answered at least 1 time
55	h214	(h214)During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol?
56	hn214	(hn214)During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol? Among students who drove a car or other vehicle during the past 30 days, the percentage who answered at least 1 time
57	h15a	(h15a)During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been taking illegal drugs such as marijuana, cocaine, heroin, or LSD?
58	hn15a	(hn15a)During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been taking illegal drugs such as marijuana, cocaine, heroin, or LSD? Percentage of students who answered at least 1 time
59	h230	(h230)During the past 30 days, how many times did you text or talk on the phone while driving a car or other vehicle?

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
60	hn230	(hn230)During the past 30 days, how many times did you text or talk on the phone while driving a car or other vehicle? Percentage of students who answered at least 1 time
61	h18	(h18)During the past 30 days, on how many days did you carry a weapon such as a gun, knife, or club on school property?
62	hn18	(hn18)During the past 30 days, on how many days did you carry a weapon such as a gun, knife, or club on school property? Percentage of students who answered at least 1 day
63	h19	(h19)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?
64	hn19	(hn19)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? Percentage of students who answered at least 1 day
65	h20	(h20)If you wanted to get a gun, how easy would it be for you to get one?
66	hn20	(hn20)If you wanted to get a gun, how easy would it be for you to get one? Percentage of students who answered "Sort of easy" or "Very easy"
67	h21	(h21)During the past 12 months, how many times has someone threatened or injured you with a weapon such as a gun, knife, or club?
68	hn21	(hn21)During the past 12 months, how many times has someone threatened or injured you with a weapon such as a gun, knife, or club? Percentage of students who answered at least 1 time
69	h22	(h22)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?
70	hn22	(hn22)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? Percentage of students who answered at least 1 time
71	h23	(h23)During the past 12 months, how many times has someone stolen or deliberately damaged your property such as your car, clothing, or books on school property?
72	hn23	(hn23)During the past 12 months, how many times has someone stolen or deliberately damaged your property such as your car, clothing, or books on school property? Percentage of students who answered at least 1 time
73	h24	(h24)During the past 12 months, how many times were you in a physical fight?
74	hn24	(hn24)During the past 12 months, how many times were you in a physical fight? Percentage of students who answered at least 1 time
75	h26	(h26)During the past 12 months, how many times were you in a physical fight on school property?
76	hn26	(hn26)During the past 12 months, how many times were you in a physical fight on school property? Percentage of students who answered at least 1 time
77	h33	(h33)Do you agree or disagree with the following statement? 'I feel safe at my school.'
78	hn33	(hn33)Do you agree or disagree with the following statement? 'I feel safe at my school.' Percentage of students who answered "Strongly agree" or "Agree"
79	h28	(h28)Have you ever been physically forced to have sexual intercourse when you did not want to?
80	hn28	(hn28)Have you ever been physically forced to have sexual intercourse when you did not want to? Percentage of students who answered "Yes"
81	h216	(h216)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.)
82	hn216	(hn216)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.) Among students who dated or went out with someone during the past 12 months, the percentage of students who answered at least 1 time
83	h29a	(h29a)Have you ever been forced (physically or otherwise) to have sexual contact? (Select only one response.)
84	hn29a	(hn29a)Have you ever been forced (physically or otherwise) to have sexual contact? (Select only one response.) Percentage of students who answered "Yes" to lifetime forced sexual contact
85	hn29a_2	(hn29a_2)Have you ever been forced (physically or otherwise) to have sexual contact? (Select only one response.) Percentage of students who answered "Yes" to past year forced sexual contact
86	h30	(h30)Has violence in your home, or the threat of violence, ever made you want to leave your home, even just for a short while?
87	hn30	(hn30)Has violence in your home, or the threat of violence, ever made you want to leave your home, even just for a short while? Percentage of students who answered "Yes"
88	h32a	(h32a)How often is the following statement true for you? 'I resolve conflicts without anyone getting hurt.'
89	hn32a	(hn32a)How often is the following statement true for you? 'I resolve conflicts without anyone getting hurt.' Percentage of students who answered "Most of the time" or "Always"
90	h34	(h34)During the past 12 months, have you ever been bullied on school property?
91	hn34	(hn34)During the past 12 months, have you ever been bullied on school property? Percentage of students who answered 'Yes'
92	h35	(h35)During the past 12 months, have you ever been bullied away from school property?
93	hn35	(hn35)During the past 12 months, have you ever been bullied away from school property? Percentage of students who answered "Yes"
94	h36c	(h36c)During the past 12 months, have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)
95	hn36c	(hn36a)During the past 12 months, have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.) Percentage of students who answered "Yes"
96	h37	(h37)Has anyone ever made offensive racial comments or attacked you based on your race or ethnicity at school or on your way to or from school?
97	hn37	(hn37)Has anyone ever made offensive racial comments or attacked you based on your race or ethnicity at school or on your way to or from school? Percentage of students who answered "Yes"
98	h38	(h38)Has anyone ever made offensive comments or attacked you because of your perceived sexual orientation at school or on your way to or from school?
99	hn38	(hn38)Has anyone ever made offensive comments or attacked you because of your perceived sexual orientation at school or on your way to or from school? Percentage of students who answered "Yes"
100	h39	(h39)Has anyone ever made offensive sexual comments to you at school or on your way to or from school?
101	hn39	(hn39)Has anyone ever made offensive sexual comments to you at school or on your way to or from school? Percentage of students who answered "Yes"

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
102	h40	(h40)Has anyone ever made offensive comments or attacked you at school or on your way to or from school because of how masculine or feminine you are (that is, acting "too much like a girl" if you are a boy, or acting "too much like a boy" if you are a girl)?
103	hn40	(hn40)Has anyone ever made offensive comments or attacked you at school or on your way to or from school because of how masculine or feminine you are (that is, acting "too much like a girl" if you are a boy, or acting "too much like a boy" if you are a girl)? Percentage of students who answered "Yes"
104	h41	(h41)What are the chances you would be seen as cool if you defended someone who was being verbally abused at school?
105	hn41	(hn41)What are the chances you would be seen as cool if you defended someone who was being verbally abused at school? Percentage of students who answered "Pretty good chance" or "Very good chance"
106	h42	(h42)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?
107	hn42	(hn42)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? Percentage of students who answered "Yes"
108	h43b	(h43b)During the past 12 months, when you felt sad or hopeless, from whom did you get help? (Select only one response.) 1 = A. I did not feel sad or hopeless; 2 = B. I did feel sad or hopeless but did not seek help; 3 = C. Parent or other adult relative; 4 = D. Teacher or other school staff; 5 = E. Other adults; 6 = F. Friends; 7 = G. None of the above
109	hn43b	(hn43b)During the past 12 months, when you felt sad or hopeless, from whom did you get help? Among students who have ever felt sad or hopeless during the past 12 months, the percentage of students who answered that they got help from an adult
110	h44	(h44)During the past 12 months, did you ever seriously consider attempting suicide?
111	hn44	(hn44)During the past 12 months, did you ever seriously consider attempting suicide? Percentage of students who answered "Yes"
112	h45	(h45)During the past 12 months, did you make a plan about how you would attempt suicide?
113	hn45	(hn45)During the past 12 months, did you make a plan about how you would attempt suicide? Percentage of students who answered "Yes"
114	h46	(h46)During the past 12 months, how many times did you actually attempt suicide?
115	hn46	(hn46)During the past 12 months, how many times did you actually attempt suicide? Percentage of students who answered at least 1 time
116	h47	(h47)During the past 12 months, how many times did you do something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose?
117	hn47	(hn47)During the past 12 months, how many times did you do something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose? Percentage of students who answered at least 1 time
118	h61	(h61)Have you ever tried cigarette smoking, even one or two puffs?
119	hn61	(hn61)Have you ever tried cigarette smoking, even one or two puffs? Percentage of students who answered 'Yes'
120	h48	(h48)During the past 30 days, on how many days did you smoke cigarettes?
121	hn48	(hn48)During the past 30 days, on how many days did you smoke cigarettes? Percentage of students who answered at least 1 day
122	h51	(h51)How old were you when you smoked a whole cigarette for the first time?
123	hn51	(hn51)How old were you when you smoked a whole cigarette for the first time? Among students who have smoked a whole cigarette, the percentage of students who answered before age 13
124	hn51_2	(hn51_2)How old were you when you smoked a whole cigarette for the first time? Percentage of students who answered before age 13
125	h62	(h62)During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day?
126	hn62	(hn62)During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day? Among students who reported current cigarette use, the percentage of students who answered more than 10 cigarettes
127	h251	(h251)During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs? (Do not count any electronic vapor products.)
128	hn251	(hn251)During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs? (Do not count any electronic vapor products.) Percentage of students who answered at least 1 day
129	h49	(h49)During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars?
130	hn49	(hn49)During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars? Percentage of students who answered at least 1 day
131	h52a	(h52a)During the past 7 days, on how many days were you in the same room with someone who was smoking cigarettes?
132	hn52a	(hn52a)During the past 7 days, on how many days were you in the same room with someone who was smoking cigarettes? Percentage of students who answered at least 1 day
133	h204	(h204)During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?
134	hn204	(hn204)During the past 12 months, were you taught in any of your classes about the dangers of tobacco use? Percentage of students who answered "Yes"
135	h54	(h54)How wrong do your parents feel it would be for you to smoke cigarettes?
136	hn54	(hn54)How wrong do your parents feel it would be for you to smoke cigarettes? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
137	h55	(h55)How much do you think people risk harming themselves (physically or in other ways) if they smoke one or more packs of cigarettes per day?
138	hn55	(hn55)How much do you think people risk harming themselves (physically or in other ways) if they smoke one or more packs of cigarettes per day? Percentage of students who answered "No risk" or "Slight risk"
139	h56	(h56)If you wanted to get some cigarettes, how easy would it be for you to get some?

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
140	hn56	(hn56)If you wanted to get some cigarettes, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
141	hn56_2	(hn56_2)If you wanted to get some cigarettes, how easy would it be for you to get some? Among students under the age of 18, the percentage who answered "Sort of easy" or "Very easy"
142	h57	(h57)During the past 30 days, did anyone ever refuse to sell you cigarettes because of your age?
143	hn57	(hn57)During the past 30 days, did anyone ever refuse to sell you cigarettes because of your age? Among students under the age of 18 who tried to buy cigarettes during the past 30 days, the percentage of students who answered "Yes"
144	h59	(h59)When you go to a supermarket, grocery store, convenience store or gas station mini-mart, how often do you see tobacco industry advertisements on signs or poster boards?
145	hn59	(hn59)When you go to a supermarket, grocery store, convenience store or gas station mini-mart, how often do you see tobacco industry advertisements on signs or poster boards? Percentage of students who answered "A lot"
146	h60	(h60)How much do you think people risk harming themselves (physically or in other ways) if they are exposed to other people's cigarette smoke?
147	hn60	(hn60)How much do you think people risk harming themselves (physically or in other ways) if they are exposed to other people's cigarette smoke? Percentage of students who answered "No risk" or "Slight risk"
148	h238	(h238)During the past 12 months, how many times have you stopped smoking for one day or longer because you were trying to quit smoking cigarettes for good?
149	hn238	(hn238)During the past 12 months, how many times have you stopped smoking for one day or longer because you were trying to quit smoking cigarettes for good? Among students who smoked during the past 12 months, the percentage of students who answered at least 1 time
150	h65	(h65)Do you think you would be able to quit smoking cigarettes if you tried?
151	hn65	(hn65)Do you think you would be able to quit smoking cigarettes if you tried? Among students who currently smoke, the percentage who answered "Yes"
152	h66	(h66)Do you think that you will try a cigarette soon?
153	hn66	(hn66)Do you think that you will try a cigarette soon? Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"
154	h67	(h67)Do you think you will smoke a cigarette at any time during the next year?
155	hn67	(hn67)Do you think you will smoke a cigarette at any time during the next year? Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"
156	hn67_2	(hn67_2)Do you think you will smoke a cigarette at any time during the next year? Percentage of students who answered I definitely will not'
157	h68	(h68)Think of your four best friends. How many in the past year have smoked cigarettes?
158	hn68	(hn68)Think of your four best friends. How many in the past year have smoked cigarettes? Percentage of students who answered at least 1 friend
159	h70	(h70)If one of your best friends offered you a cigarette, would you smoke it?
160	hn70	(hn70)If one of your best friends offered you a cigarette, would you smoke it? Percentage of students who answered "Definitely yes", "Probably yes" or "Probably not"
161	h232	(h232)How wrong do your friends feel it would be for you to smoke cigarettes?
162	hn232	(hn232)How wrong do your friends feel it would be for you to smoke cigarettes? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
163	h73	(h73)Has a doctor or someone in a doctor's office talked to you about the danger of tobacco use in the past 12 months?
164	hn73	(hn73)Has a doctor or someone in a doctor's office talked to you about the danger of tobacco use in the past 12 months? Among students who have visited a doctor's office in the last 12 months, the percentage of students who answered "Yes"
165	h74	(h74)Has a dentist or someone in a dentist's office talked to you about the danger of tobacco use in the past 12 months?
166	hn74	(hn74)Has a dentist or someone in a dentist's office talked to you about the danger of tobacco use in the past 12 months? Among students who have visited a dentist's office in the last 12 months, the percentage of students who answered "Yes"
167	h75a	(h75a)During the past 7 days, on how many days were you in the same car with someone who was smoking cigarettes?
168	hn75a	(hn75a)During the past 7 days, on how many days were you in the same car with someone who was smoking cigarettes? Percentage of students who answered at least 1 day
169	h76	(h76)Besides yourself, does anyone who lives in your home smoke cigarettes now?
170	hn76	(hn76)Besides yourself, does anyone who lives in your home smoke cigarettes now? Percentage of students who answered 'Yes'
171	h77	(h77)How wrong do you think it is for someone your age to smoke cigarettes?
172	hn77	(hn77)How wrong do you think it is for someone your age to smoke cigarettes? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
173	h233	(h233)Have you ever used an electronic vapor product?
174	hn233	(hn233)Have you ever used an electronic vapor product? Percentage of students who answered 'Yes'
175	h234	(h234)During the past 30 days, on how many days did you use an electronic vapor product?
176	hn234	(hn234)During the past 30 days, on how many days did you use an electronic vapor product? Percentage of students who answered at least 1 day
177	h248	(h248)The LAST TIME you used an electronic vapor product, what was in the vapor you inhaled?
178	hn248	(hn248)The LAST TIME you used an electronic vapor product, what was in the vapor you inhaled? Percentage of students who answered 'Nicotine'
179	h240	(h240)During the past 30 days, how did you usually get your own electronic vapor products? (Select only one response.) 1=A. I did not use any electronic vapor products during the past 30 days 2=B. I bought them in a store such as a convenience store, supermarket, discount store, gas station, or vape store 3=C. I got them on the Internet 4=D. I gave someone else money to buy them for me 5=E. I borrowed them from someone else 6=F. A person 18 years old or older gave them to me 7=G. I took them from a store or another person 8=H. I got them some other way

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
180	hn240	(hn240)During the past 30 days, how did you usually get your own electronic vapor products? Percentage of students under age 18 who answered 'I bought them in a store such as a convenience store, supermarket, discount store, gas station, or vape store
181	hntobsus	(hntobsus) Percentage of students who are susceptible to cigarette use (among all students including those who have tried or are current cigarette users)
182	hnanytoba	(hnanytoba)Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, dip, or dissolvable tobacco products on one or more of the past 30 days
183	h78	(h78)During your life, how many days have you had at least one drink of alcohol?
184	hn78	(hn78)During your life, how many days have you had at least one drink of alcohol? Percentage of students who answered at least 1 day
185	h79	(h79)How old were you when you had your first drink of alcohol other than a few sips?
186	hn79	(hn79)How old were you when you had your first drink of alcohol other than a few sips? Among students who have had more than a few sips of alcohol, the percentage of students who answered before age 13
187	hn79_2	(hn79_2)How old were you when you had your first drink of alcohol other than a few sips? The percentage of students who answered before age 13
188	h80	(h80)During the past 30 days, on how many days did you have at least one drink of alcohol?
189	hn80	(hn80)During the past 30 days, on how many days did you have at least one drink of alcohol? Percentage of students who answered at least 1 day
190	h241	(h241)During the past 30 days, what is the largest number of alcoholic drinks you had in a row?
191	hn241	(hn241)During the past 30 days, what is the largest number of alcoholic drinks you had in a row? Among those who have drank alcohol in the past 30 days, the percentage who answered 5 or more drinks
192	h82b	(h82b)During the past 30 days, how did you usually get the alcohol you drank?
193	hn82b	(hn82b)During the past 30 days, how did you usually get the alcohol you drank? Among students who reported alcohol use during the past 30 days, the percentage of students who answered "Someone gave it to me"
194	h83	(h83)During the past 30 days, on how many days did you have at least one drink of alcohol on school property?
195	hn83	(hn83)During the past 30 days, on how many days did you have at least one drink of alcohol on school property? Percentage of students who answered at least 1 day
196	h84	(h84)If you wanted to get some alcohol, how easy would it be for you to get some?
197	hn84	(hn84)If you wanted to get some alcohol, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
198	h86	(h86)If you drank some alcohol without your parents' permission, would you be caught by your parents?
199	hn86	(hn86)If you drank some alcohol without your parents' permission, would you be caught by your parents? Percentage of students who answered "Probably not" or "Definitely not"
200	h87	(h87)If a kid drank some alcohol in your neighborhood, would he or she be caught by the police?
201	hn87	(hn87)If a kid drank some alcohol in your neighborhood, would he or she be caught by the police? Percentage of students who answered "Probably not" or "Definitely not"
202	h88b	(h88b)How much do you think people risk harming themselves (physically or in other ways) if they have 1 or 2 drinks of an alcoholic beverage nearly every day?
203	hn88b	(hn88b)How much do you think people risk harming themselves (physically or in other ways) if they have 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "No risk" or "Slight risk"
204	h89b	(h89b)How much do you think people risk harming themselves (physically or in other ways) if they have 5 or more drinks of an alcoholic beverage in a row once or twice a week?
205	hn89b	(hn89b)How much do you think people risk harming themselves (physically or in other ways) if they have 5 or more drinks of an alcoholic beverage in a row once or twice a week? Percentage of students who answered "No risk" or "Slight risk"
206	h91a	(h91a)How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol?
207	hn91a	(hn91a)How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
208	h217	(h217)How do you feel about someone your age having 1 or 2 drinks of an alcoholic beverage nearly every day?
209	hn217	(hn217)How do you feel about someone your age having 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "Strongly approve" or "Approve"
210	h95	(h95)Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it?
211	hn95	(hn95)Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it? Percentage of students who answered at least 1 friend
212	hn95_2	(hn95_2)Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it? Percentage of students who answered 3 or 4 friends
213	h218	(h218)How wrong do your friends feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?
214	hn218	(hn218)How wrong do your friends feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
215	h219	(h219)How wrong do your parents feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?
216	hn219	(hn219)How wrong do your parents feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
217	h97a	(h97a)How wrong do you think it is for someone your age to have 5 or more drinks of alcohol once or twice each week?
218	hn97a	(hn97a)How wrong do you think it is for someone your age to have 5 or more drinks of alcohol once or twice each week? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
219	h98	(h98)During your life, how many times have you used marijuana?
220	hn98	(hn98)During your life, how many times have you used marijuana? Percentage of students who answered at least 1 time
221	h99	(h99)How old were you when you tried marijuana for the first time?
222	hn99	(hn99)How old were you when you tried marijuana for the first time? Among students who have tried marijuana, the percentage of students who answered before age 13
223	hn99_2	(hn99_2)How old were you when you tried marijuana for the first time? Percentage of students who answered before age 13
224	h100	(h100)During the past 30 days, how many times did you use marijuana?
225	hn100	(hn100)During the past 30 days, how many times did you use marijuana? Percentage of students who answered at least 1 time
226	h101	(h101)If you wanted to get some marijuana, how easy would it be for you to get some?

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
227	hn101	(hn101)If you wanted to get some marijuana, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
228	h102	(h102)How wrong do your parents feel it would be for you to smoke marijuana?
229	hn102	(hn102)How wrong do your parents feel it would be for you to smoke marijuana? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
230	h220	(h220)How much do you think people risk harming themselves (physically or other ways) if they smoke marijuana once or twice a week?
231	hn220	(hn220)How much do you think people risk harming themselves (physically or other ways) if they smoke marijuana once or twice a week? Percentage of students who answered "No risk" or "Slight risk"
232	h221	(h221)How wrong do your friends feel it would be for you to smoke marijuana?
233	hn221	(hn221)How wrong do your friends feel it would be for you to smoke marijuana? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
234	h107	(h107)If a kid smoked marijuana in your neighborhood, would he or she be caught by the police?
235	hn107	(hn107)If a kid smoked marijuana in your neighborhood, would he or she be caught by the police? Percentage of students who answered "Probably not" or "Definitely not"
236	h108	(h108)How wrong do you think it is for someone your age to smoke marijuana?
237	hn108	(hn108)How wrong do you think it is for someone your age to smoke marijuana? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
238	h109	(h109)During the past 30 days, how many times did you use marijuana on school property?
239	hn109	(hn109)During the past 30 days, how many times did you use marijuana on school property? Percentage of students who answered at least 1 time
240	h110	(h110)Think of your four best friends. How many in the past year have used marijuana?
241	hn110	(hn110)Think of your four best friends. How many in the past year have used marijuana? Percentage of students who answered at least 1 friend
242	hn110_2	(hn110_2)Think of your four best friends. How many in the past year have used marijuana? Percentage of students who answered 3 or 4 friends
243	h111	(h111)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?
244	hn111	(hn111)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? Percentage of students who answered at least 1 time
245	h118a	(h118a)During the past 30 days, how many times did you sniff glue, breathe the contents of aerosol spray cans, or inhale any paints or sprays to get high?
246	hn118a	(hn118a)During the past 30 days, how many times did you sniff glue, breathe the contents of aerosol spray cans, or inhale any paints or sprays to get high? Percentage of students who answered at least 1 time
247	h249	(h249)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? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.)
248	hn249	(hn249)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? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.) Percentage of students who answered at least once
249	h113a	(h113a)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?
250	hn113a	(hn113a)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? Percentage of students who answered at least 1 time
251	h117	(h117)During your life, how many times have you used any form of cocaine, including powder, crack, or freebase?
252	hn117	(hn117)During your life, how many times have you used any form of cocaine, including powder, crack, or freebase? Percentage of students who answered at least 1 time
253	h119	(h119)During your life, how many times have you used heroin (also called smack, junk, or China White)?
254	hn119	(hn119)During your life, how many times have you used heroin (also called smack, junk, or China White)? Percentage of students who answered at least 1 time
255	h222a	(h222a)During your life, how many times have you used methamphetamines (also called meth, speed, crystal, crank, or ice)?
256	hn222a	(hn222a)During your life, how many times have you used methamphetamines (also called meth, speed, crystal, crank, or ice)? Percentage of students who answered at least 1 time
257	h121	(h121)During your life, how many times have you used ecstasy (also called MDMA)?
258	hn121	(hn121)During your life, how many times have you used ecstasy (also called MDMA)? Percentage of students who answered at least 1 time
259	h122	(h122)During your life, how many times have you taken steroid pills or shots without a doctor's prescription?
260	hn122	(hn122)During your life, how many times have you taken steroid pills or shots without a doctor's prescription? Percentage of students who answered at least 1 time
261	h223	(h223)During your life, how many times have you used hallucinogenic drugs, such as LSD, acid, PCP, angel dust, mescaline, or mushrooms?
262	hn223	(hn223)During your life, how many times have you used hallucinogenic drugs, such as LSD, acid, PCP, angel dust, mescaline, or mushrooms? Percentage of students who answered at least 1 time
263	h124	(h124)During your life, how many times have you used a needle to inject any illegal drug into your body?
264	hn124	(hn124)During your life, how many times have you used a needle to inject any illegal drug into your body? Percentage of students who answered at least 1 time
265	h126	(h126)How many times in the past year (12 months) have you been drunk or high at school?
266	hn126	(hn126)How many times in the past year (12 months) have you been drunk or high at school? Percentage of students who answered at least 1 time
267	h127	(h127)How many times in the past year (12 months) have you sold illegal drugs?
268	hn127	(hn127)How many times in the past year (12 months) have you sold illegal drugs? Percentage of students who answered at least 1 time
269	h114	(h114)During the past 12 months, has anyone offered, sold, or given you an illegal drug on school property?

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
270	hn114	(hn114)During the past 12 months, has anyone offered, sold, or given you an illegal drug on school property? Percentage of students who answered "Yes"
271	h125	(h125)If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?
272	hn125	(hn125)If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some? Percentage of students who answered "Sort of easy" or "Very easy"
273	h115	(h115)Do you agree or disagree with the following statement? 'My family has clear rules about alcohol and drug use.'
274	hn115	(hn115)Do you agree or disagree with the following statement? 'My family has clear rules about alcohol and drug use.' Percentage of students who answered "Strongly agree" or "Agree"
275	h224	(h224)How wrong do your parents feel it would be for you to take a prescription drug not prescribed to you?
276	hn224	(hn224)How wrong do your parents feel it would be for you to take a prescription drug not prescribed to you? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
277	h129	(h129)During the past 12 months, do you recall hearing, reading or watching an advertisement about the prevention of substance use?
278	hn129	(hn129)During the past 12 months, do you recall hearing, reading or watching an advertisement about the prevention of substance use? Percentage of students who answered "Yes"
279	h131a	(h131a)How much do you think people risk harming themselves (physically or in other ways) if they take a prescription drug that is not prescribed to them?
280	hn131a	(hn131a)How much do you think people risk harming themselves (physically or in other ways) if they take a prescription drug that is not prescribed to them? Percentage of students who answered "No risk" or "Slight risk"
281	h225	(h225)How wrong do your friends feel it would be for you to take a prescription drug not prescribed to you?
282	hn225	(hn225)How wrong do your friends feel it would be for you to take a prescription drug not prescribed to you? Percentage of students who answered "A little bit wrong" or "Not wrong at all"
283	h132	(h132)Think of your four best friends. How many in the past year have used LSD, cocaine, amphetamines, or other illegal drugs?
284	hn132	(hn132)Think of your four best friends. How many in the past year have used LSD, cocaine, amphetamines, or other illegal drugs? Percentage of students who answered at least 1 friend
285	hn132_2	(hn132_2)Think of your four best friends. How many in the past year have used LSD, cocaine, amphetamines, or other illegal drugs? Percentage of students who answered 3 or 4 friends
286	h133a	(h133a>About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs?
287	hn133a	(hn133a>About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs? Percentage of students who answered at least 1 adult
288	h242	(h242)If you wanted to get prescription drugs (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) that were not prescribed to you, how easy would it be to get some?
289	hn242	(hn242)If you wanted to get prescription drugs (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) that were not prescribed to you, how easy would it be to get some? Percentage of students who answered "Sort of easy" or "Very easy"
290	h235	(h235)During your life, how many times have you used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk, or Moon Rocks)?
291	hn235	(hn235)During your life, how many times have you used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk, or Moon Rocks)? Percentage of students who answered at least 1 time
292	hncrpad	(hncrpad) Perceived Availability of Drugs Scale -- High Risk
293	hnprfud	(hnprfud) Peers Use of Drugs Scale -- High Risk
294	h135	(h135)Have you ever had sexual intercourse?
295	hn135	(hn135)Have you ever had sexual intercourse? Percentage of students who answered 'Yes'
296	h138	(h138)How old were you when you had sexual intercourse for the first time?
297	hn138	(hn138)How old were you when you had sexual intercourse for the first time? Percentage of students who answered before age 13
298	h227	(h227)The first time you had sexual intercourse, how old was your partner?
299	hn227	(hn227)The first time you had sexual intercourse, how old was your partner? Among students who have had sexual intercourse, the percentage of students who answered at least 18 years old
300	h139	(h139)During your life, with how many people have you had sexual intercourse?
301	hn139	(hn139)During your life, with how many people have you had sexual intercourse? Percentage of students who answered at least 4 people
302	h140	(h140)During the past 3 months, with how many people did you have sexual intercourse?
303	hn140	(hn140)During the past 3 months, with how many people did you have sexual intercourse? Percentage of students who answered at least 1 person
304	h141	(h141)Did you drink alcohol or use drugs before you had sexual intercourse the last time?
305	hn141	(hn141)Did you drink alcohol or use drugs before you had sexual intercourse the last time? Among students who had sexual intercourse during the past three months, the percentage of students who answered "Yes"
306	h136	(h136)The last time you had sexual intercourse, did you or your partner use a condom?
307	hn136	(hn136)The last time you had sexual intercourse, did you or your partner use a condom? Among students who have ever had sexual intercourse, the percentage of students who answered "Yes"
308	hn136_2	(hn136_2)The last time you had sexual intercourse, did you or your partner use a condom? Among students who had sexual intercourse during the past three months, the percentage of students who answered "Yes"
309	h226	(h226)The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy?
310	hn226_3	(hn226_3)The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy? Among students who have ever had sexual intercourse, the percentage of students who utilized a hormonal method of birth control
311	hn226_4	(hn226_4)The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy? Among students who had sexual intercourse during the past three months, the percentage of students who utilized a hormonal method of birth control
312	h142	(h142)Have you ever had oral sex?
313	hn142	(hn142)Have you ever had oral sex? Percentage of students who answered 'Yes'

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
314	h144a	(h144a)During your life, with whom have you had sexual contact?
315	hn144a	(hn144a)During your life, with whom have you had sexual contact? Among students who have had sexual contact, the percentage of students who answered that they had sexual contact with a person of the same sex
316	h145	(h145)Have you talked with your parent(s) and/or guardian(s) about sex in the past 6 months?
317	hn145	(hn145)Have you talked with your parent(s) and/or guardian(s) about sex in the past 6 months? Percentage of students who answered "Yes"
318	h147	(h147)Have you ever been taught about AIDS or HIV infection in school?
319	hn147	(hn147)Have you ever been taught about AIDS or HIV infection in school? Percentage of students who answered 'Yes'
320	h206a	(h206a)Have you ever been tested for a sexually transmitted disease (STD) such as Chlamydia, Syphilis, Gonorrhea, or HIV?
321	hn206a	(hn206a)Have you ever been tested for a sexually transmitted disease (STD) such as Chlamydia, Syphilis, Gonorrhea, or HIV? Percentage of students who answered 'Yes'
322	hn206a_2	(hn206a_2)Have you ever been tested for a sexually transmitted disease (STD) such as Chlamydia, Syphilis, Gonorrhea, or HIV? Among those who have ever had sexual intercourse, percentage of students who answered "Yes"
323	h156	(h156)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.)
324	h157	(h157)During the past 7 days, how many times did you eat fruit? (Do not count fruit juice.)
325	hnfruit	(hnfruit) Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days
326	hnonefrt	(hnonefrt)Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days
327	h158b	(h158b)During the past 7 days, how many times did you eat vegetables, such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.)
328	hnveg	(hnveg) Percentage of students who ate vegetables three or more times per day during the past seven days
329	hnoneveg	(hnoneveg)Percentage of students who ate vegetables less than 1 time per day during the past seven days
330	hnfrvg	(hnfrvg) Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day during the past seven days
331	h207	(h207) During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? (Do not count diet soda, other diet drinks, or 100% fruit juice.)
332	hn207_2	(hn207_2)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of students who answered at least one time per day in the past week
333	h207a	(h207a)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.)
334	hn207a	(hn207a)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of students who answered at least one time per day in the past week
335	hn207a_2	(hn207a_2)During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) Percentage of students who drank sugar-sweetened beverages at least one time per day in the past week
336	h160a	(h160a)During the past 7 days, how many glasses of milk did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.)
337	hn160a	(hn160a)During the past 7 days, how many glasses of milk did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.) Percentage of students who answered three or more glasses per day
338	h228	(h228)What kind of milk do you usually drink? (Select only one response.)
339	hn228	(hn228)What kind of milk do you usually drink? (Select only one response.) Among students who drink milk, percentage of students who answered "1% or low fat milk" or "Fat-free, skim, or non-fat milk"
340	h243	(h243)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?
341	hn243	(hn243)During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians? Percentage of students who answered at least 5 days
342	h209	(h209)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.)
343	hn209	(hn209)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.) Percentage of students who answered at least 5 days
344	hnpa7day	(hnpa7day) Percentage of students who were physically active for a total of at least 60 minutes per day on all of the past seven days
345	h166	(h166)On an average school day, how many hours do you watch TV?
346	hn166	(hn166)On an average school day, how many hours do you watch TV? Percentage of students who answered at least 3 hours
347	hn166_2	(hn166_2)On an average school day, how many hours do you watch TV? Percentage of students who answered 2 or fewer hours
348	h167c	(h167c)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 on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media.)
349	hn167c	(hn167c)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 on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media.) Percentage of students who answered at least 3 hours

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
350	hn167c_2	(hn167c_2)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 on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media.) Percentage of students who answered 2 or fewer hours
351	hnscreen	(hnscreen)Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day
352	h168	(h168)In an average week when you are in school, on how many days do you go to physical education (PE) classes?
353	hn168	(hn168)In an average week when you are in school, on how many days do you go to physical education (PE) classes? Percentage of students who answered at least 1 day
354	hndlype	(hndlype) Percentage of students who attended physical education (PE) classes daily in an average week when they were in school
355	h239	(h239)Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)
356	hn239	(hn239)Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.) Percentage of students who answered "Yes"
357	h237	(h237)During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)
358	hn237	(hn237)During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.) Percentage of students who answered at least one team
359	h170	(h170)Has a doctor or nurse ever told you that you have asthma?
360	hn170	(hn170)Has a doctor or nurse ever told you that you have asthma? Percentage of students who answered 'Yes'
361	hnltasth	(hnltasth) Percentage of students with lifetime asthma (Excludes "Not sure" responses from h170)
362	h171	(h171)Do you still have asthma?
363	hn171_2	(hn171_2)Do you still have asthma? Among students who reported to have asthma in h170, the percentage of students who answered "Yes"
364	hncrasth	(hncrasth) Percentage of students with current asthma. (Excludes "Not sure" responses from h170 and h171)
365	h229	(h229)During the past 12 months, about how many days did you miss school because of your asthma?
366	hn229_2	(hn229_2)During the past 12 months, about how many days did you miss school because of your asthma? Among students who reported to have asthma in h170, the percentage of students who answered at least 1 day
367	h173	(h173)Has a doctor or nurse ever told you that you have diabetes?
368	hn173	(hn173)Has a doctor or nurse ever told you that you have diabetes? Percentage of students who answered 'Yes'
369	hndiab	(hndiab) Percentage of students with diagnosed diabetes. (Excludes Not sure responses from h173)
370	h174a	(h174a)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?
371	hn174a	(hn174a)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? Percentage of students who answered "Most of the time" or "Always"
372	h175a	(h175a)During the past 12 months, how many times did you get a sunburn (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)?
373	hn175a	(hn175a)During the past 12 months, how many times did you get a sunburn (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)? Percentage of students who answered at least 1 time
374	h176a	(h176a)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 include getting a spray-on tan.)
375	hn176a	(hn176a)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 include getting a spray-on tan.) Percentage of students who answered at least 1 time
376	h177	(h177)Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more?
377	hn177	(hn177)Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more? Percentage of students who answered "Yes"
378	h178	(h178)Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more?
379	hn178	(hn178)Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more? Percentage of students who answered "Yes"
380	h179a	(h179a)Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems?
381	hn179a	(hn179a)Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems? Percentage of students who answered "Yes"
382	h180a	(h180a)Are you limited in any activities because of a disability or long-term health problem including physical health, emotional, or learning problems expected to last 6 months or more?
383	hn180a	(hn180a)Are you limited in any activities because of a disability or long-term health problem including physical health, emotional, or learning problems expected to last 6 months or more? Percentage of students who answered "Yes"
384	hndisab	(hndisab) Percentage of students who have a disability
385	h181	(h181)Where do you usually go for health care (for example, check-ups, when you are sick, etc.)?
386	hn181_2	(hn181_2)Where do you usually go for health care (for example, check-ups, when you are sick, etc.)? Percentage of students who answered "Family doctor," "Community health center," or "School-based health center"
387	h182	(h182)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?
388	hn182	(hn182)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work? Percentage of students who answered "During the past 12 months"
389	hn182_2	(hn182_2)When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work? Percentage of students who answered "During the past 12 months" (Excludes "Not sure" responses from h182)
390	h236	(h236)On an average school night, how many hours of sleep do you get?
391	hn236	(hn236)On an average school night, how many hours of sleep do you get? Percentage of student who answered at least 8 hours
392	h183a	(h183a)In your lifetime, how many times have you gambled (bet) with money or something else of value? (Include if you bet at a casino, race track, or online, bought lottery tickets, bet on a sports team, or played cards or other games for money or things.)

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
393	hn183a	(hn183a)In your lifetime, how many times have you gambled (bet) with money or something else of value? (Include if you bet at a casino, race track, or online, bought lottery tickets, bet on a sports team, or played cards or other games for money or things.) Percentage of students who answered at least 1 time
394	h184	(h184)Has the money or time that you spent on gambling led to financial problems or problems in your family, work, school or personal life?
395	hn184	(hn184)Has the money or time that you spent on gambling led to financial problems or problems in your family, work, school or personal life? Percentage of students who answered "Yes"
396	h185	(h185)During the past 12 months, how would you describe your grades in school?
397	hn185	(hn185)During the past 12 months, how would you describe your grades in school? Percentage of students who answered "Mostly A's" or "Mostly B's"
398	h186	(h186)Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it?
399	hn186	(hn186)Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it? Percentage of students who answered "Strongly agree" or "Agree"
400	h210	(h210)How often does your school enforce rules fairly?
401	hn210	(hn210)How often does your school enforce rules fairly? Percentage of students who answered 'Most of the time' or 'Always'
402	h211	(h211)How often do adults in your school address conflict, negative language, and bullying in positive ways to help students?
403	hn211	(hn211)How often do adults in your school address conflict, negative language, and bullying in positive ways to help students? Percentage of students who answered "Most of the time" or "Always"
404	h187	(h187)How often does one of your parents talk with you about what you are doing in school?
405	hn187	(hn187)How often does one of your parents talk with you about what you are doing in school? Percentage of students who answered "About every day" or "About once or twice a week"
406	h193b	(h193b)How often is the following statement true for you? "When I am not at home, one of my parents or guardians knows where I am and whom I am with."
407	hn193b	(hn193b)How often is the following statement true for you? "When I am not at home, one of my parents or guardians knows where I am and whom I am with." Percentage of students who answered "Most of the time" or "Always"
408	h189	(h189)During an average week, how many hours do you spend in clubs or organizations (other than sports) outside of regular school hours?
409	hn189	(hn189)During an average week, how many hours do you spend in clubs or organizations (other than sports) outside of regular school hours? Percentage of students who answered at least 1 hour
410	h191a	(h191a)Do you agree or disagree that in your community you feel like you matter to people?
411	hn191a	(hn191a)Do you agree or disagree that in your community you feel like you matter to people? Percentage of students who answered "Strongly agree" or "Agree"
412	h196a	(h196a)I have parent(s) or guardian(s) who try to help me succeed.
413	hn196a	(hn196a)I have parent(s) or guardian(s) who try to help me succeed. Percentage of students who answered "Very or often" or "Extremely or almost always"
414	h198	(h198)I have a school that cares about kids and encourages them.
415	hn198	(hn198)I have a school that cares about kids and encourages them. Percentage of students who answered "Very or often" or "Extremely or almost always"
416	h199	(h199)I have support from adults other than my parents.
417	hn199	(hn199)I have support from adults other than my parents. Percentage of students who answered 'Very or often' or "Extremely or almost always"
418	h245	(h245)How often do you have support from adults other than your parents?
419	hn245	(hn245)How often do you have support from adults other than your parents? Percentage of students who answered "Most of the time" or "Always"
420	h200	(h200)I have a family that gives me love and support.
421	hn200	(hn200)I have a family that gives me love and support. Percentage of students who answered 'Very or often' or 'Extremely or almost always'
422	h246	(h246)How often does your family give you love and support?
423	hn246	(hn246)How often does your family give you love and support? Percentage of students who answered "Most of the time" or "Always"
424	h244	(h244)Please tell us HOW MANY of the following six things have EVER happened to you (Add up how many ever happened to you): - Your parents/guardians got divorced or separated - A parent/guardian died - A parent/guardian was in jail or prison - You lived with an adult who had a mental illness - Your parent or another adult you lived with often swore at you, insulted you, put you down, or humiliated you. - You were physically hurt by an adult in your home
425	hnace	(hnace)Percentage of students who have reported 3 or more Adverse Childhood Experiences
426	bmi	Body Mass Index
427	bmipt	BMI Percentile
428	vbivbmi	VBIVBMI Biologically Implausible Values for BMI
429	sex	Sex
430	age	Age
431	grade	Grade Level
432	sexorien	Sexual Orientation
433	transgend	Transgender
434	subvert	Record Subverted
435	wstaa	State Level Weight Module A
436	wstab	State Level Weight Module B
437	wstac	State Level Weight Module C
438	wstad	State Level Weight Module D
439	wstaab	State Level Weight Modules A/B
440	wstacd	State Level Weight Modules C/D

HS Dataset - Variable Descriptions

SPSS Row	2017 Variable	Description
441	wstaabcd	State Level Weight Modules A/B/C/D
442	wphdab	PHD Level Weight Modules A/B
443	wphdcd	PHD Level Weight Modules C/D
444	wphdabcd	PHD Level Weight Modules A/B/C/D
445	wctyab	County Level Weight Modules A/B
446	wctycd	County Level Weight Modules C/D
447	wctyabcd	County Level Weight Modules A/B/C/D
448	waosabcd	AOS Level Weight Modules A/B/C/D
449	wsauabcd	SAU Level Weight Modules A/B/C/D
450	wschabcd	School Level Weight Modules A/B/C/D
451	wdfcab	DFC Level Weight Modules A/B
452	wdfcabcd	DFC Level Weight Modules A/B/C/D
453	psu_school	PSU for School Level Analysis
454	str_school	Strata for School Level Analysis
455	psu_notschool	PSU for District Level (and above) Analysis
456	str_notschool	Strata for District Level (and above) Analysis



APPENDIX B: SURVEY RECRUITMENT AND ADMINISTRATION DOCUMENTS

2017 MIYHS Recruitment & Administration Documents**Appendix B Page**

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Administration Handbook for MIYHS Coordinators (Grades 5 – 12) 2016-2017 School Year	B-37



SAVE THE DATE

*The 2017 MIYHS will be administered during the weeks of **February 6th and 13th, 2017.***

In 2015 over 65,000 students from 292 schools participated in the Maine Integrated Youth Health Survey (MIYHS) giving us the best insight into childhood and adolescent health Maine has ever had.

New for 2017!

To help you make use of this valuable data, we have developed a State Level Health Snapshot for K/3, 5/6, Middle School, and High School, which include:

- Six key findings from the survey,
- Ideas for parents, youth, and schools to help youth stay healthy, and
- Other valuable health resources. Learn more at:

<https://data.mainepublichealth.gov/miyhs/Snapshots>

Your school has been selected to participate in the upcoming 2017 MIYHS.

We will contact you in August with further details about the survey. In the meantime, if you would like more information about the 2017 MIYHS, please call Gregory McHugh, Pan Atlantic Research at 1-844-308-8906 or email him at: miyhs@panatlanticresearch.com.

Our thanks and appreciation go out to all schools that participated in previous MIYHS administrations! School and SAU district level results of the 2015 MIYHS as well as school level snapshots are available to Superintendents. Please contact your Superintendent or Nick Kamenos at 207-626-8688 or nicholas.j.kamenos@maine.gov to receive your school's 2015 report.

Maine Department of Education (DOE) Newsroom Announcement

August 17, 2016



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PRIORITY NOTICE

- **PRIORITY NOTICE: Maine DOE seeks public comment for science standards**
February 5, 2018
- **PRIORITY NOTICE: Maine DOE seeks public comment for social studies standards**
February 5, 2018
- **PRIORITY NOTICE: Widespread Influenza in Maine**
January 31, 2018

[More Priority Notices](#)

PRESS RELEASES

- **MEDIA RELEASE: Maine DOE awards second round of EMBRACE grants for regional efforts**
January 31, 2018
- **MEDIA RELEASE: Maine DOE and First Lady, Ann LePage kick off February 'Read to ME Challenge'**
January 31, 2018
- **MEDIA RELEASE: Organizations needed**

Youth health survey to be delivered next February

The Maine Department of Education in collaboration with the Maine Department of Health and Human Services, is pleased to announce the fifth administration of the Maine Integrated Youth Health Survey (MIYHS) will be conducted in February.

Public schools containing any grades seven through twelve are encouraged to participate in the full-census survey, and schools containing kindergarten or grade three, five or six may be chosen as part of the elementary sample.

This survey provides schools with an opportunity to take a comprehensive look at the risk behaviors and protective factors of the youth in their communities. The 2015 survey results show youth are making healthier choices, including smoking and drinking less, but are increasingly struggling with their emotional well-being. The [MIYHS website](#) has several new features including a Data Dashboard and State level Snapshots.

For more information about MIYHS, please contact Health Education and Physical Education Consultant Jean Zimmerman at jean.zimmerman@maine.gov or 624-6687.

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Students in Trenton, ME Gardening

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Maine Department of Education (DOE) Newsroom Announcement

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PRIORITY NOTICE

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PRESS RELEASES

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January 31, 2018
- **MEDIA RELEASE: Maine DOE and First Lady, Ann LePage kick off February 'Read to ME Challenge'**

2017 Maine Integrated Youth health Survey Data

The 2017 MIYHS data has just been released. State and public health district data is available to the public for the 5th and 6th grade survey, as well as the middle and high school surveys. Kindergarten and third grade parent survey data is available at the State level. Go to MIYHS website:
https://data.mainepublichealth.gov/miyhs/2017_reports_results

Over 61,000 students from 300+ schools participated in this past survey. MIYHS is administered as a collaborative project involving Maine DOE and Maine DHHS in February of every odd year to gauge the health and health habits of Maine public school students in grades kindergarten through grade 12. Many thanks to the superintendents and principals who have chosen to participate in this biennial survey over the years!

2017 State level Snapshots for K/3, 5/6, Middle School and High School are available by clicking:
<https://data.mainepublichealth.gov/miyhs/2017Snapshots>

For more information contact Maine Department of Education Health and Physical Education Consultant, Jean Zimmerman at Jean.zimmerman@maine.gov or (207) 624-6687.

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IMAGE GALLERY



Harvest Week 2017

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STATE OF MAINE
DEPARTMENT OF EDUCATION
23 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0023

PAUL R. LEPAGE
GOVERNOR

WILLIAM H. BEARDSLEY
DEPUTY COMMISSIONER

August 15, 2016

Dear Principal:

The Maine Department of Education, in collaboration with the Maine Department of Health and Human Services, is pleased to announce the fifth administration of the Maine Integrated Youth Health Survey (MIYHS) with a survey administration period between **February 6 and 17, 2017**. We are delighted to report that Pan Atlantic Research (PAR), a Portland-based research firm, will continue as the contractor administering the 2017 MIYHS. Pan Atlantic Research has a long track record administering school surveys in Maine and has a proven ability to ensure school confidentiality and protect student anonymity.

Your school has been chosen as part of the following sample(s) for the 2017 MIYHS:

- **K/3 module** (parents of students in Kindergarten and 3rd grade)¹
- **5/6 module** (students in grades 5 and 6)¹
- **Middle School (MS) module** (students in grades 7 and 8)²
- **High School (HS) module** (students in grades 9 through 12)²

¹ Because only some schools have been chosen to participate in the MIYHS, your school's involvement is especially critical to its success.

² While all public schools with any grade 7–12 are invited and encouraged to participate in the 2017 MIYHS, your school's participation in the survey will directly increase your county's and/or public health district's ability to get representative data.

Schools participating in the 2017 MIYHS can choose when they would like to administer the survey within the two-week timeframe (February 6 - 17, 2017).

Enclosed are the following materials:

- **2017 MIYHS Information Sheet** – This should answer many of your questions about the survey project.
- **2017 MIYHS School Response Fax-Back Form** – To confirm your school's participation in the 2017 MIYHS; please fax this form to Pan Atlantic Research no later than **September 30, 2016**. You will then receive an email from PAR which will include information on the new electronic version of the Parental Consent Form.
- **2017 MIYHS Parental Consent Form** – This letter (or the new electronic version) must be sent to parents of fifth grade and older students via the U.S. postal service **at least two weeks prior** to your school's survey administration date. Please be sure to use THIS version of the parent consent form, without alteration, and not any previous versions including the 2015 MIYHS. We ask, however, that it be sent no more than six weeks prior to the survey administration.

We do recommend that parents be notified of your school's participation in the 2017 MIYHS at the beginning of the school year by including the following paragraph in beginning of the year notifications to parents:

This school year, students in this school will be asked to take an anonymous health survey. The data from this survey is used at school, county and state levels. It supports grant funding, assessment of student needs, and the design and evaluation of programs. You will receive more information on this survey closer to when we will be administering it. You have the choice of asking that your child not take this survey. Your child will also have the option of not taking the survey.

- **Example of a 2015 MIYHS School Report** Assuming that reporting requirements are met, schools participating in the 5/6, Middle School, and/or High School modules will receive a school level report. Enclosed you will find a sample page of a High School module school report; you will note that comparisons will be made to the last MIYHS administration, as well as to the State. Similar reports will be made at the SAU level, again assuming that reporting requirements are met.
- As in the past, the MIYHS protocol is designed to protect student confidentiality and anyone other than principals who request school data will be asked to obtain written permission from the superintendent or designee. Principals whose schools participated in the 2015 MIYHS were provided with access codes for the 2015 survey. Should you have any questions about your school's data and/or have a local data/report request, please contact Nicholas J. Kamenos at 207-626-8688.

Please note that an **Administration Manual for MIYHS Coordinators** and the **2017 MIYHS Questionnaires** are still in the process of being finalized. These will be emailed to schools as they sign on to participate in the MIYHS using the School Response Fax-Back Form; they can also be made available upon request.

Should you have any further questions regarding the survey, please contact one of the following people:

Gregory McHugh, Pan Atlantic Research
miyhs@panatlanticresearch.com
1-844-308-8906 (toll-free) or 207-221-8877 x106

Nicholas Kamenos, Division of Data & Research
Office of Continuous Quality Improvement
Nicholas.J.Kamenos@maine.gov or 207-626-8688

Reid Plimpton, MIYHS Project Coordinator
Office of Disease Control and Prevention
Reid.Plimpton@maine.gov or 207-287-5084

Jean Zimmerman, Health Education & Physical
Education Consultant, Maine Dept. of Education
Jean.Zimmerman@maine.gov or 207-624-6687

I strongly encourage you and your school to participate in this worthwhile initiative to assess the risk behaviors of Maine's youth in order to implement state, community, and school-wide policies regarding health.

Sincerely,



William H. Beardsley
Deputy Commissioner



2017 MIYHS INFORMATION SHEET

MIYHS Contact Information

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Pan Atlantic Research

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207-624-6687

Nick Kamenos

Office of Continuous Quality Improvement

Maine Department of Health & Human Services

Nicholas.J.Kamenos@maine.gov

207-626-8688

What are the benefits of participating in the MIYHS?

- Access to a wide range of data on youth behaviors, risk factors and protective factors
- This data allows for evaluation of the impact national, state, and local efforts have in preventing certain risk behaviors and to improving school health education policies and programs
- Access to local, public health district, and state data that show how student health-risk behaviors change over time, and how they affect the success of Maine youth in attaining the Maine Learning Results

What is required of participating schools?

In order to assure a successful survey, schools must be prepared to:

- Mail (via new Electronic Delivery Methodology and/or US Postal Service) consent letters to parents **at least 2 weeks but no more than 6 weeks** before the survey administration. (The consent letter may be included with other school mailings during this timeframe, but must be sent via the outlined mailing methods; there are no exceptions to this rule.)
- Complete an online training review. Pick up survey materials at a designated location within your local area in January 2017.
- Survey all eligible students.
- Administer the survey between **February 6th and 18th, 2017**. (**NOTE:** If this timeframe conflicts with other initiatives, an alternative date can be selected so long as it falls prior to April school vacation.)
- Drop completed surveys off at a regional drop-off site or mail/return the surveys to Pan Atlantic Research.

How does the Kindergarten/Grade 3 (K/3) parent survey work?

A sample of schools has been drawn for the K/3 survey. If your school has been selected for the K/3 survey, we ask that selected schools provide Pan Atlantic Research with a complete list of the kindergarten and 3rd grade students in an electronic format (one that is compatible with Excel) containing the following information: student name, student ID number, parent name(s), address, and telephone number. Please note that FERPA allows schools to release "directory" information such as what we are requesting without prior consent. We understand that this will not include information on students whose parents have already requested that you not release this directory information. **Please be assured that any and all identifying information will be kept confidential and will be destroyed after use.**

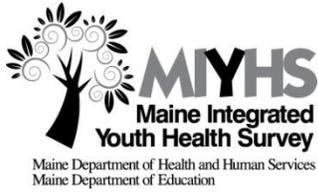
Height, weight, and oral-health screenings will be conducted by your school nurse for your kindergarten and 3rd grade students. Training will be provided. The height, weight, and oral-health screening measurements will be sent back to Pan Atlantic Research. These students will not be asked to complete a survey. Instead, Pan Atlantic Research will be conducting a mail survey with parents of the kindergarten and 3rd grade students in participating schools. If the mail survey is not returned, Pan Atlantic Research will follow up with parents via telephone.

How does the 5th and 6th grade (5/6) survey work?

A sample of schools has been drawn for the 5/6 survey. There are two components to the grade 5/6 survey. The first component is a height and weight measurement, which will be conducted by your school nurse for **5th grade students only**. Training will be provided. **Please be assured that any and all identifying information will be kept confidential and will be destroyed after use.** The second component is the student survey, which will be completed by all 5th and/or 6th grade students in the schools selected as part of the 5/6 survey sample, and for any other 'volunteer' schools wishing to participate in the 5/6 module.

How does the 7-12 grade survey work?

All schools with any grades 7 through 12 are invited and encouraged to participate in the MIYHS. Please ensure that **all** students, including vocational and alternative education students, participate in the survey.



2017 MIYHS School Response Fax-Back Form

Principals: Please fill out this form in full and fax it to Pan Atlantic Research toll-free at **1-866-422-0072** or email at: miyhs@panatlanticresearch.com at your earliest convenience, but no later than **Friday, September 30, 2016**.

1. Check the appropriate box:

- My school will be participating in the 2017 MIYHS → **Please sign 1A below & fill out Sections 2 thru 5**
- My school will **not** be participating in the 2017 MIYHS → Reason: _____
- It is not yet decided → When will a decision likely be made? _____

1A:

Signed: _____ Printed name: _____ Date: _____
Principal

2. Please fill in the information listed below:

School name: _____
 School address: _____
 Grade span of school: _____
 Principal name: _____
 Principal email: _____

3. Please circle the grade(s) in your school that will be participating in the 2017 MIYHS. *Please use "N/A" only when a particular grade is not part of your school.* **NOTE:** Only schools selected for the K/3 sample can participate in the K/3 module. However, 'volunteer' schools can participate in the 5/6 module if they choose (***please note, however, that 'volunteer' schools will not be able to receive a participation reimbursement***).

<u>K/3 Module</u>				<u>Middle School & High School Modules</u>			
Kindergarten	Yes*	No	N/A	Grade 7	Yes	No	N/A
Grade 3	Yes*	No	N/A	Grade 8	Yes	No	N/A
				Grade 9	Yes	No	N/A
				Grade 10	Yes	No	N/A
				Grade 11	Yes	No	N/A
				Grade 12	Yes	No	N/A

* **For grades K, 3, and 5 only:** Please provide the following information about your School Nurse so that we can send information about the survey to that person directly:

Name: _____

Phone: _____

Email: _____

Fax: _____

4. Please provide the following information for the individual(s) who will be the **2017 MIYHS Coordinator(s)** for your school. 2017 MIYHS Coordinators must:

1. Be available to speak with Pan Atlantic representatives regarding survey administration protocol,
2. Read the 2017 MIYHS Survey Administration Manual and participate in a training review (online),
3. Pick up survey materials at a designated location within your local area in January,
4. Be responsible for training the teachers in your school on how to administer the survey, and
5. Drop the completed surveys off at a designated regional site or return the surveys to Pan Atlantic Research some other secure way.

**** PLEASE NOTE THAT UNLESS OTHERWISE REQUESTED AND SPECIFIED, THE SCHOOL NURSE WILL BE CONSIDERED THE MIYHS COORDINATOR FOR THE K/3 MODULE (AND THAT MODULE ONLY). ****

The person(s) listed below will be receiving additional information about the survey in the coming weeks and months.

The 2017 MIYHS Coordinator(s) for the 5/6, Middle School, and/or High School modules for your school is/are:

2017 MIYHS Coordinator #1 (required)

Name: _____ Title: _____
Email: _____ Phone: _____
Address: _____ Fax: _____

2017 MIYHS Coordinator #2 (optional)

Name: _____ Title: _____
Email: _____ Phone: _____
Address: _____ Fax: _____

5. Would you (as Principal) like to be copied on all future email communications regarding the 2017 MIYHS? (Check one response.)

- Yes
 No

You (as Principal) will receive a confirmation email within five business days of Pan Atlantic Research's receipt of this form.

If you have any questions about the 2017 MIYHS, please contact:

- Gregory McHugh with Pan Atlantic Research at miyhs@panatlanticresearch.com or 1-844-308-8906 (toll-free);
- Reid Plimpton with the Maine Center for Disease Control & Prevention at reid.plimpton@maine.gov or 207-287-5084;
- Jean Zimmerman with the Maine Department of Education at Jean.Zimmerman@maine.gov or 207-624-6687
- Nick Kamenos with the Maine Office of Continuous Quality Improvement at Nicholas.j.kamenos@maine.gov or 207-626-8688



Dear School Nurse:

The Maine Department of Education, in collaboration with the Maine Department of Health and Human Services, is pleased to announce the fifth administration of the Maine Integrated Youth Health Survey (MIYHS). Over 96,000 students from 292 different schools participated in the previous MIYHS. Your <<SCHOOL>> has been chosen as part of the Kindergarten/ 3rd grade and 5th/6th grade samples.

The benefits of your school's participation in this effort include:

- Each school that participates is contributing to on-going data that gives us comprehensive information on the health status of Maine's children and helps in the planning, implementation, and evaluation of public health interventions.
- For the 5th/6th grade module, if your school (and/or SAU) has at least 50 students taking the survey, we can provide information on your school's (and/or SAU's) results, as long as we are able to maintain student confidentiality and minimum participation rates for your school (and/or SAU) are met.
- Only state level data will be available for the Kindergarten/ 3rd grade survey due to the small sample size that is selected for that module.
- Having local data helps with: advocating for healthy policies and resources; acknowledging successes in your community; evaluating existing health framework; and raising awareness of health issues.
- Schools receive a reimbursement to cover the cost of postage for USPS mailings of the consent letters and survey information to student's homes.

Here are some things to know about the 2017 survey:

- The K/3rd grade survey module can be administered anytime between December, 2016 and April, 2017. The 5th/6th grade survey module will be administered between February 6th and 18th, 2017.
- Your principal has been contacted regarding your school being selected to participate in this survey.
- We are pleased to inform you that this year there will be assistance provided for the screening parts of the survey.
- You and your school administration are encouraged to participate in the survey. If you and your school administration agree, you will receive a 'MIYHS Administration Manual for School Nurses' which will tell you everything you need to know about your role in administering the survey.

There will be a one hour informational meeting about the 2017 MIYHS at the School Oral Health Program Fall meetings.

If you have any questions please feel free to contact one of the following MIYHS staff:

Reid Plimpton, Maine Center for Disease Control, Reid.Plimpton@maine.gov, 207-287-5084

Jean Zimmerman- Maine Department of Education, Jean.Zimmerman@maine.gov, 207-624-6687

Gregory McHugh, Pan Atlantic Research, gmchugh@panatlanticresearch.com, 1-844-308-8906

Nick Kamenos, Maine DHHS-Office of Continuous Quality Improvement,

Nicholas.J.Kamenos@maine.gov, 207-626-8688

We look forward to working with you throughout this project and appreciate your cooperative efforts.

Sincerely,

Reid Plimpton

MIYHS Project Coordinator

Maine Center for Disease Control & Prevention

<<ON SCHOOL LETTERHEAD >>

March 2, 2017

Dear Parent(s) of Kindergarten/3rd Grade Students:

This year, our school is taking part in the **Maine Integrated Youth Health Survey (MIYHS)**. The goal of the MIYHS is to collect data to improve children's health programs and services. The MIYHS consists of two parts, both of which are completely confidential and voluntary. This means that you may choose not to take part with no penalty to you or your child.

In the **first** part of the survey, the school nurse will collect and record your child's height, weight, and oral health. This information is already collected by many schools in Maine. The results will be kept private. Please write or call our school nurse by **March 10th** if you do not want your child to take part in this screening. Also, if you do not return the enclosed "Parental Consent Form" and survey, your child's screening data will not be used in this survey.

The **second** part of the MIYHS is a **survey** for parents with about 50 questions. It is enclosed in this packet. Your answers are private. They will only be reported as part of all the answers from parents participating throughout Maine. Please do not put your name on the survey. You may choose not to answer any or all questions.

- Please read and sign the enclosed "Parental Consent Form". This will allow your answers to be included in the results and allow your child to be part of the health screening.
- Return the "Parental Consent Form" and your survey in the pre-paid envelope that is enclosed by **March 16th**. You do not need to add a stamp to the envelope. It will go to Pan Atlantic Research, the Maine-based company that is collecting the data.

As a thank you for completing and returning the survey, Pan Atlantic Research will randomly draw **three winners** from the returned "Parental Consent Forms" — each of whom will receive a **\$100 Hannaford gift certificate**. The odds of winning are about one in 200.

We encourage you to take part in this survey. If you have questions about this survey or about your or your child's rights in being part of the survey, you may contact the following people or me:

Gregory McHugh, Pan Atlantic Research at 1-844-308-8906 or 207 221-8877 x106

Jean Zimmerman, Department of Education, at 207-624-6687

Reid Plimpton, Maine Center for Disease Control & Prevention at 207-287-5084

Sincerely,

<<PRINCIPAL'S NAME>>

Principal

Parental Consent Form



Important Information about the Kindergarten/Third Grade Version of the Maine Integrated Youth Health Survey

Please Read and Sign before Starting the Survey

- This survey is a project sponsored by the Maine Department of Health and Human Services and the Maine Department of Education. This survey is research. We will be using it to learn more about all Maine students. The information you share will be combined with others and used to learn more about all Maine students.
- The purpose of the study is to find out about the health of children in Maine. We will also learn more about how to support all Maine children and families in being healthy and getting the health care they need.
- The schools taking part in this survey were randomly picked from all schools in Maine. In these schools, parents of kindergarteners and third-grade students have been asked to take part in this survey. We are asking 1,500 parents in Maine to take part in the survey. All parents will be asked to answer the same questions. Your local school agreed to help us with this project. They provided us with your contact information.
- The main benefit of doing this survey is that the answers that you give us will be used to help plan programs to help children and families in Maine.
- It takes about 20 minutes to answer all questions. There are very few risks in taking part in this study. Some questions may be sensitive, such as questions about smoking in your home and food security.
- You are free to do the survey or not. If you don't want to do the survey at all, you may return it in the envelope provided. You may also call the number listed in the box at the bottom of this page. You do not need to answer any question that you do not want to answer. You may still fill out questions you are willing to answer. You can stop answering questions at any time. Please return answered parts in the pre-paid envelope and mail to the address listed. There is no penalty for not doing the survey or not answering all questions.
- As an incentive for completing and returning the survey (for which a postage-paid envelope is enclosed), we will randomly draw **three winners** from the returned "Parental Consent Forms" — each of whom will receive a **\$100 Hannaford gift certificate**. We estimate that odds of winning are about one in 200.
- At school, your child will be asked if (s)he can be measured and weighed. They will also be asked to take part in a basic oral health screening. This screening is not a full dental health exam. It will provide us with information about your child's teeth. You may contact the school if you do not want your child to take part in this screening or to be weighed and measured. Your child may also choose to not take part.
- If you choose to do the survey, your answers will be kept private. When you send us your answers, we will link them by using a random number with the screening measurements done at school. **After that, we will destroy anything that tells us who you or your child are.** Your answers will only be reported as part of the whole group of answers from parents.
- If you have questions about your rights or your child's rights as part of this survey, you may call the USM Human Protections Administrator at (207) 228-8434 and/or email usmorio@maine.edu. The Institutional Review Board (IRB) at the University of Southern Maine has approved the use of this survey. The IRB is responsible for protecting the rights and welfare of survey participants.

If you have questions about this survey, or if you want to answer the questions by telephone, please call
Pan Atlantic Research at 1-844-308-8906.
The call is free. If you do not wish to take the survey, please call the above number **within the next five days**,
and your name will be removed from the list.

THANK YOU very much for your help!

By signing below you are agreeing to take part in this survey:

Parent Name (please print): _____ Parent Signature: _____

Date: _____ Telephone number *: _____

** Include your telephone number only if you would like to be entered in the drawing for one of three \$100 gift certificates to Hannaford.*

*You are receiving this packet because we have not yet received a response from your household to the **Maine Integrated Youth Health Survey (MIYHS)** that was first sent to you a few weeks ago. Please complete the enclosed survey and Parental Consent Form and return it in the envelope provided – your feedback is vital.*

May 15, 2017

Dear Parent(s)/Guardians of Kindergarten/3rd Grade Students:

This year, your child's school is taking part in the **Maine Integrated Youth Health Survey (MIYHS)**. The goal of the MIYHS is to collect data to improve children's health programs and services. The MIYHS consists of two parts, both of which are completely confidential and voluntary. This means that you may choose not to take part with no penalty to you or your child, however, we hope that you do.

In the **first** part of the survey, the school nurse collected and recorded your child's height, weight, and oral health. This information is already collected by many schools in Maine. The results will be kept private. (If you already opted your child out of the height/weight/oral health component, his or her information was not recorded.) If you do not return both the enclosed "Parental Consent Form" and the survey, your child's screening data will not be used in this survey. As a reminder, you may opt your child out at any time by writing or calling your school nurse.

The **second** part of the MIYHS is a **survey** for parents with about 50 questions. It is enclosed in this packet. Your answers are private. They will only be reported as part of all the answers from parents participating throughout Maine. Please do not put your name on the survey. You may choose not to answer any or all questions.

1. Please read and sign the enclosed "Parental Consent Form". This will allow your answers to be included in the results and allow your child to be part of the health screening.
2. **As soon as possible**, Return the "Parental Consent Form" and your survey in the pre-paid envelope that is enclosed. You do not need to add a stamp to the envelope.

As a thank you for completing and returning the survey, Pan Atlantic Research will randomly draw **three winners** from the returned "Parental Consent Forms" — each of whom will receive a **\$100 Hannaford gift certificate**. The odds of winning are about one in 200.

We encourage you to take part in this survey. If you have questions about your rights or your child's rights as part of this survey, you may call the USM Human Protections Administrator at (207) 228-8434 and/or email usmorio@maine.edu. If you have questions about the survey, please feel free to reach out to me.

Sincerely,

Gregory McHugh
Pan Atlantic Research
217 Commercial Street, Suite 303
Portland, Maine 04101
(207) 221-8877 ext. 106



Pan Atlantic Research is the survey partner for the Maine Integrated Youth Health Survey (MIYHS), a joint effort of the Maine Department of Education (DOE) and the Maine Department of Health and Human Services (DHHS).

<<ON SCHOOL LETTERHEAD – GRADE 5 AND UP >>

<<DATE>>

Dear Parent:

In February, the 5th through <<INSERT GRADES>> grade students in our school will be taking part in an **anonymous** survey. An anonymous survey is when the students do not give us their names. About 96,000 Maine students have been asked to take the survey. The survey will take about one class period. Below are the answers to some questions you may have about this survey.

What questions are asked on the survey?

The survey asks questions about health and health related behaviors. Some of the topics included are:

- Asthma
- What the student eats
- Physical activity
- Smoking
- Drinking
- Other drugs
- Preventing sunburn
- Disabilities
- Fighting and bullying
- Sex (grades 7-12 only)
- Depression and suicide (grades 7-12 only)
- Gambling (grades 7-12 only)

It also asks about factors at school, in their community, in their family and among their friends which may support or threaten a student's healthy choices. These questions include topics such as:

- Whether a student is likely to get caught if they are using tobacco or drugs
- Whether their friends use drugs
- Whether they take part in clubs or community service
- What support and rules they have at school and at home

The questions vary by the grade level of the student. They are appropriate to the age of the students. For example, 5th and 6th grade students are not asked about sex, most drugs, suicide or gambling. **You can look at the questions that will be asked, either by contacting your child's school or by visiting the MIYHS website.**

What other data is being collected?

The height and weight of 5th grade students will be measured. School nurses will be assisting us in gathering this information.

Where does the survey come from?

The survey is the joint effort of the Maine Department of Health and Human Services (DHHS) and the Maine Department of Education (DOE). This survey will be used to learn more about all Maine students. The results may be used to get funding, to help decide what programs to offer, or to judge how well current efforts are working.

Why should my child take this survey?

The results of the survey will help state programs, community groups, and schools better serve your child.

How can I be sure that the survey will not harm my child?

- **Your child is free to do the survey or not.** If your child chooses to not take the survey, the teacher will give your child something else to do for the class period.
- Some students may find some questions to be sensitive. There is a risk that they may feel uncomfortable answering some questions.
- Any student can skip any question that he or she doesn't want to answer.
- If your child feels upset during or after the survey, school staff will be available to talk and provide resources.
- There is no penalty for not doing the survey or not answering all questions.
- Your child can also refuse to be measured.
- **The survey is designed to protect your child's privacy.**
- The answers from any one student are never reported individually. No student will ever be mentioned by name in any report.
- No information that connects your child to their own survey responses will be kept.

What if I have more questions about the survey?

- If you would like to see the survey, you may call the school office to set a meeting time before the survey date or visit the MIYHS website: www.maine.gov/MIYHS
- If you have questions about this survey, you may also call Reid Plimpton (MCDC) at 207-287-5084 or Nick Kamenos (DHHS-OCQI) at 207-626-8688 or Jean Zimmerman (DOE) at 207-624-6687.
- If you have questions about your rights or your child's rights as part of this survey, you may call the USM Human Protections Administrator at (207) 228-8434 and/or email usmorio@maine.edu. The Institutional Review Board (IRB) at the University of Southern Maine has approved the use of this survey. The IRB is responsible for protecting the rights and welfare of survey participants.

If you do not wish your child to take the survey, please contact the school office. You may also refuse to have your child weighed and measured. If we do not hear from you, your consent to your child's participation is assumed. Your child can also decide not to take the survey on the day it is conducted.

Sincerely,

<<PRINCIPAL'S NAME>>

Principal

<<ON SCHOOL LETTERHEAD – GRADE 6 AND UP >>

<<DATE>>

Dear Parent:

In February, the 6th through <<INSERT GRADES>> grade students in our school will be taking part in an **anonymous** survey. An anonymous survey is when the students do not give us their names. About 96,000 Maine students have been asked to take the survey. The survey will take about one class period. Below are the answers to some questions you may have about this survey.

What questions are asked on the survey?

The survey asks questions about health and health related behaviors. Some of the topics included are:

- Asthma
- What the student eats
- Physical activity
- Smoking
- Drinking
- Other drugs
- Preventing sunburn
- Disabilities
- Fighting and bullying
- Sex (grades 7-12 only)
- Depression and suicide (grades 7-12 only)
- Gambling (grades 7-12 only)

It also asks about factors at school, in their community, in their family and among their friends which may support or threaten a student's healthy choices. These questions include topics such as:

- Whether a student is likely to get caught if they are using tobacco or drugs
- Whether their friends use drugs
- Whether they take part in clubs or community service
- What support and rules they have at school and at home

The questions vary by the grade level of the student. They are appropriate to the age of the students. For example, 6th grade students are not asked about sex, most drugs, suicide or gambling. **You can look at the questions that will be asked, either by contacting your child's school or by visiting the MIYHS website.**

Where does the survey come from?

The survey is the joint effort of the Maine Department of Health and Human Services (DHHS) and the Maine Department of Education (DOE). This survey will be used to learn more about all Maine students. The results may be used to get funding, to help decide what programs to offer, or to judge how well current efforts are working.

Why should my child take this survey?

The results of the survey will help state programs, community groups and schools better serve your child.

How can I be sure that the survey will not harm my child?

- **Your child is free to do the survey or not.** If your child chooses to not take the survey, the teacher will give your child something else to do for the class period.
- Some students may find some questions to be sensitive. There is a risk that they may feel uncomfortable

answering some questions.

- Any student can skip any question that he or she doesn't want to answer.
- If your child feels upset during or after the survey, school staff will be available to talk and provide resources.
- There is no penalty for not doing the survey or not answering all questions.
- **The survey is designed to protect your child's privacy.**
- The answers from any one student are never reported individually. No student will ever be mentioned by name in any report.
- No information that connects your child to their own survey responses will be kept.

What if I have more questions about the survey?

- If you would like to see the survey, you may call the school office to set a meeting time before the survey date, or visit the MIYHS website: www.maine.gov/MIYHS .
- If you have questions about this survey, you may also call Reid Plimpton (MCDC) at 207-287-5084 or Nick Kamenos (DHHS-OCQI) at 207-626-8688 or Jean Zimmerman (DOE) at 207-624-6687.
- If you have questions about your rights or your child's rights as part of this survey, you may call the USM Human Protections Administrator at (207) 228-8434 and/or email usmorio@maine.edu. The Institutional Review Board (IRB) at the University of Southern Maine has approved the use of this survey. The IRB is responsible for protecting the rights and welfare of survey participants.

If you do not wish your child to take the survey, please contact the school office. If we do not hear from you, your consent to your child's participation is assumed. Your child may also decide not to take the survey on the day it is conducted.

Sincerely,

<<PRINCIPAL'S NAME>>

Principal

<<INSERT SCHOOL LOGO HERE- GRADE 7 AND UP >>

<<DATE>>

Dear Parent:

In February, the <<INSERT GRADES>> grade students in our school will be taking part in an **anonymous** survey. An anonymous survey is when the students do not give us their names. About 96,000 Maine students have been asked to take the survey. The survey will take about one class period. Below are the answers to some questions you may have about this survey.

What questions are asked on the survey?

The survey asks questions about health and health related behaviors. Some of the topics included are:

- Asthma
- What the student eats
- Physical activity
- Smoking
- Drinking
- Other drugs
- Preventing sunburn
- Disabilities
- Fighting and bullying
- Sex
- Depression and suicide
- Gambling

It also asks about factors at school, in their community, in their family and among their friends which may support or threaten students' healthy choices. These questions include topics such as:

- Whether a student believes they will get caught if they are using tobacco or drugs
- Whether their friends use drugs
- Whether they take part in clubs or community service
- What support and rules they have at school and at home

The questions vary by the grade level of the student. They are appropriate to the age of the students. You *can* look at the questions that will be asked either by contacting your child's school or by visiting the MIYHS website.

Where does the survey come from?

The survey is the joint effort of the Maine Department of Health and Human Services (DHHS) and the Maine Department of Education (DOE). This survey will be used to learn more about all Maine students. The results may be used to get funding, to help decide what programs to offer, or to judge how well current efforts are working.

Why should my child take this survey?

The results of the survey will help state programs, community groups and schools better serve your child.

How can I be sure that the survey will not harm my child?

- **Your child is free to do the survey or not.** If your child chooses to not take the survey, the teacher will give your child something else to do for the class period.
- Some students may find some questions to be sensitive. There is a risk that they may feel uncomfortable answering some questions.
- Any student can skip any question that he or she doesn't want to answer.
- If your child feels upset during or after the survey, school staff will be available to talk and provide resources.

USM IRB Approval Date: 4/20/2016

- **The survey is designed to protect your child’s privacy.**
- The answers from any one student are never reported individually. No student will ever be mentioned by name in any report.
- No information that connects your child to their own survey responses will be kept.

What if I have more questions about the survey?

- If you would like to see the survey, you may call the school office to set a meeting time before the survey date, or visit the MIYHS website: www.maine.gov/MIYHS
- If you have questions about this survey, you may also call Reid Plimpton (CDC) at 207-287-5084 or Nick Kamenos (DHHS) at 207-868-8688 or Jean Zimmerman (DOE) at 207-624-6687.
- If you have questions about your rights or your child’s rights as part of this survey, you may call the USM Human Protections Administrator at (207) 228-8434 and/or email usmorio@maine.edu. The Institutional Review Board (IRB) at the University of Southern Maine has approved the use of this survey. The IRB is responsible for protecting the rights and welfare of survey participants.

If you do not wish your child to take the survey, please contact the school office. If we do not hear from you, we will assume you consent to your child’s participation in the survey. Your child may also decide not to take the survey on the day it is conducted.

Sincerely,

<<PRINCIPAL’S NAME>>

Principal

USM IRB Approval Date: 4/20/2016



Maine Department of Health and Human Services
Maine Department of Education

Request for Postage Reimbursement Form

Thank you for agreeing to participate in the 2017 Maine Integrated Youth Health Survey (MIYHS). This form is for schools who used hard copy mailing (either USPS, or school mass mailing) to deliver the informed consent letters to some/all students and their guardians. **If you used only electronic delivery for the consent letters, this form does not need to be included in the completed survey materials.**

Please Note the Following:

1. Schools will be offered a full **participation reimbursement** (consisting of postage reimbursement for the number of hard copy letters sent out) to help offset the expenses incurred with this mailing. The funds will be released to schools before the end of the school year and once the following documents have been received by Pan Atlantic Research:
 - This form, completed in full
 - A sample copy of the parental consent letter on school letterhead
 - Proof of completion of the online training review (to be completed by your school's designated MIYHS Coordinator)
 - Your school's completed survey materials (all classroom envelopes, each with a completed 'Classroom Summary Information Form'; absentee surveys, unless there were no students absent on the survey administration day; and the 'School Packing Form' completed in full).

Please sign below and return this form to us via toll-free fax at **1-866-422-0072**, or via mail to Pan Atlantic Research, 217 Commercial St., Suite 303, Portland, ME 04101.

Participation Reimbursement Information:

Number of Letters Sent by mail*: _____

Check made payable to: _____

** Note: While we welcome 'volunteer' schools (those not chosen as part of the 2017 5/6 sample of schools) to participate in the 5/6 module, per earlier communications (including the Administration Handbook for MIYHS Coordinators), 'volunteer' 5/6 students cannot be counted toward the participation reimbursement.*

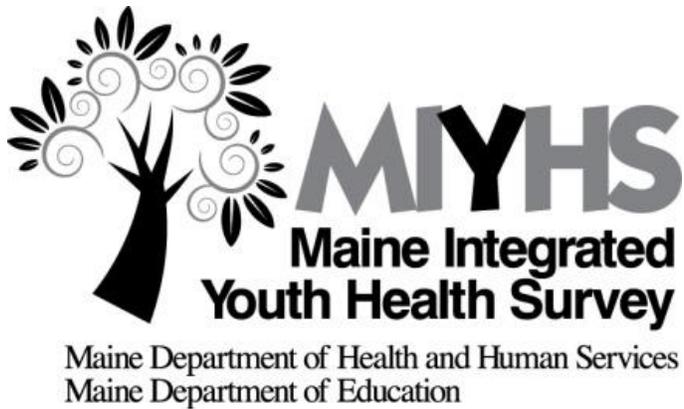
Send check to:

Address

Questions? Contact Pan Atlantic Research at miyhs@panatlanticresearch.com or 1-844-308-8906

Thank you for your participation!

PLEASE CONTACT PAN ATLANTIC RESEARCH WITH ANY QUESTIONS YOU MAY HAVE: miyhs@panatlanticresearch.com or call toll-free at 1-844-308-8906.
2017 MIYHS – Administration Handbook for MIYHS Coordinators (Grades 5 – 12) • Appendix



MIYHS Administration Handbook for School Nurses Conducting the K/3 and 5th Grade Modules

2016-2017 School Year

November 21, 2016

I. INTRODUCTION

The purpose of this *MIYHS Administration Handbook for School Nurses* is to inform school nurses of their roles and responsibilities in conducting the 2017 Maine Integrated Youth Health Survey (MIYHS) for the following: Kindergarten and 3rd grade (K/3) module and 5th/6th grade (5/6) module. This document provides information on the administration procedures employed in the MIYHS, as well as some background and rationale for the way that the MIYHS is conducted. The following *MIYHS Administration Handbook for School Nurses* includes all of the information that you will need to administer the 2017 MIYHS for Kindergarten and 3rd grade students (including height/weight screenings), and to conduct height/weight screenings for the 5th grade students in your school.

Quick Facts:

- ✓ The MIYHS is sponsored by the Maine Department of Education, in collaboration with the Maine Center for Disease Control & Prevention and Substance Abuse & Mental Health Services in the Department of Health and Human Services.
- ✓ The first administration of the MIYHS took place in February, 2009 after many years of collaboration and planning to integrate several surveys that had previously been administered separately, including the Maine Youth Drug and Alcohol Use Survey (MYDAUS), the Youth Risk Behavior Survey (YRBS), and the Youth Tobacco Survey (YTS).
- ✓ The MIYHS is administered every two years (2009, 2011, 2013, 2015, etc.) during the first half of February.
- ✓ The MIYHS is composed of four overall modules:
 1. “K/3” – Kindergarten and 3rd grade parent survey¹
 2. “5/6” – 5th and 6th grade student survey²
 3. “MS” – 7th and 8th grade (middle school) student survey, composed of four versions
 4. “HS” – 9th through 12th grade (high school) student survey, composed of four versions

¹ School nurses are asked to conduct height/weight and oral health screenings (with assistance) of Kindergarten and 3rd grade students.

² School nurses are asked to conduct height/weight screenings of 5th grade students.

Benefits:

- ✓ The benefits of participating in the MIYHS include, but are not limited to:
 - School and SAU access to a wide range of data on youth behaviors, risk factors, and protective factors, including comparisons to past MIYHS results and state level data. (*Please note that some restrictions may apply.*)
 - Availability of data to evaluate the impact of national, state, and local efforts to prevent certain risk behaviors and to improve school health education policies and programs.
 - Access to local, public health district, and state data that show how student health risk behaviors change over time, and how they affect the success of Maine youth in attaining the Maine Learning Results.
 - Aggregate data gathered from the height/weight screenings will: 1) be used as a longitudinal measure of overall student risk of obesity, 2) inform local, regional, and state stakeholders of the overall health of school-aged children; and 3) measure the effectiveness of systemic interventions aimed at reducing the obesity burden of school-aged children in Maine.

I. INTRODUCTION (continued)

Special Notes:

- ✓ After coordinating the MIYHS administrations since its inception in 2009, Pan Atlantic Research out of Portland, Maine, is looking forward to working with schools on administering the 2017 MIYHS.
- ✓ Past MIYHS administrations have been very successful, with approximately 70,000 completed surveys in each survey year - 2009 to 2015.
- ✓ While we understand that many school nurses have assisted with the MIYHS and/or other student surveys in the past, our experience with and feedback from previous MIYHS administrations indicate that a small minority of school personnel had misunderstandings of survey procedures and protocol that may have impacted students' rights and/or the validity of schools' survey data – sometimes resulting in surveys that were not usable.
- ✓ Therefore, it is extremely important that you thoroughly review the information contained within this document and complete an open note, online training review in December for how to conduct height/weight screenings; both of these items are mandatory parts of your school's participation in the MIYHS. This *MIYHS Administration Handbook for School Nurses* will outline all of the steps in the MIYHS administration process that involve school nurses. Please call Pan Atlantic Research toll-free at **1-844-308-8906** at any time throughout the survey administration process should you have any questions, comments, or concerns.
- ✓ According to our records, you will be assisting with the following modules:
 - K/3 module
 - 5/6 module
- ✓ The remaining sections of the *MIYHS Administration Handbook for School Nurses* are as follows:
 - II. School Nurse Check List Reference Sheet (K/3 and 5/6 Modules)
 - III. School Nurse Responsibilities - K/3 Module
 - IV. School Nurse Responsibilities - 5/6 Module
 - Appendix A-** Measuring Height and Weight
 - Appendix B-** Height Conversion Chart
 - Appendix C-** Online Training Review Questions

II. SCHOOL NURSE CHECK LIST REFERENCE SHEET



2017 MIYHS – School Nurse Reference Sheet for K/3 and 5/6 Modules

K/3 module – Use the following checklist to ensure that you have completed the following key tasks:

- K/3 STEP 1** - A) Provide potential dates for the height/weight and oral health screening to Pan Atlantic Research (miyhs@panatlanticresearch.com or 1-844-308-8906), and B) Provide a list of your Kindergarten and 3rd grade students to Pan Atlantic Research.

- K/3 STEP 2** - Complete the brief, open note online training review for how to conduct height/weight screenings.

- K/3 STEP 3** - Prepare and distribute survey packets to the Kindergarten and 3rd grade teachers in your school.

- K/3 STEP 4** - Conduct the height/weight and oral health screenings (with assistance) for the Kindergarten and 3rd grade students in your school at least one week after the parent surveys are sent home with students.

- K/3 STEP 5** - Send the height/weight measurements and oral health screening results to Pan Atlantic Research as soon as data collection has been completed.

Timeline for Survey Administration Steps for the K/3 Module								
September	October	November	December	January	February	March	April	May
		K/3 STEP 1						
			K/3 STEP 2 (by January 20, 2017)					
				K/3 STEP 3				
				K/3 STEP 4				
				K/3 STEP 5				

5/6 module – Use the following checklist to ensure that you have completed the following key tasks:

- 5/6 STEP 1** - Complete the brief, open note online training review for how to conduct height/weight screenings. **(Note: This is the same online training review as in K/3 STEP 2; you only need to complete one training review.)**

- 5/6 STEP 2** - Work with your school’s designated MIYHS Coordinator (grades 5-12) to make sure you are aware of how the 5th grade survey will be administered. Gather the height and weight measurements for the 5th grade students in your school BEFORE the grade 5-12 written survey administration date in your school. **It is vital that the heights/weights are collected first in order to ensure student confidentiality.**

III. SCHOOL NURSE RESPONSIBILITIES – K/3 MODULE

As school nurse, you have been automatically designated as the MIYHS Coordinator* for the Kindergarten/3rd grade (K/3) module. As the designated MIYHS Coordinator for the K/3 module, please review this section which outlines all of the steps in the K/3 parent survey administration process.

***Please note that you may or may not also have been designated by your school's Principal as MIYHS Coordinator for grades 5-12; if you have been designated as MIYHS Coordinator for grades 5-12, you should receive and refer to Administration Handbook for MIYHS Coordinators (Grades 5 – 12) for information about the policies and procedures for administering the MIYHS to students in grades 5-12.**

K/3 STEP 1 – A) Provide potential dates for the height/weight and oral health screening to Pan Atlantic Research (miyhs@panatlanticresearch.com or 1-844-308-8906), and B) Provide a list of your Kindergarten and 3rd grade students to Pan Atlantic Research.

Part A:

- ✓ The K/3 survey module can be administered any time between **January 23, 2016 and March 31, 2017.**

Please note that the overall timeline involved with the K/3 module is flexible. Note that the timeframe listed on Page 3 might not reflect the actual timeline for your school. What is most important in terms of timing is that the steps follow one another sequentially and that the precise dates for your school within K/3 STEP 3 are followed closely.

- ✓ We are pleased to inform you that school nurses will not have to participate in a regional oral health screening training session this year. Rather, assistance from an oral health professional will be provided; **you should not conduct this portion of the screening by yourself.** School nurses are asked to provide potential screening dates to Pan Atlantic Research (miyhs@panatlanticresearch.com or 1-844-308-8906), who will coordinate with you and the assigned oral health professional to finalize arrangements for the oral health screening at your school.

Scheduling Note: The potential screening dates that you select for the height/weight and oral health screening must be at least one week after the K3 surveys have gone out to parents, to allow parents sufficient time to consider consent. In addition, the height/weight and oral health screening date can be independent of the date your school has selected for the MIYHS administration date for grades 5-12 (as applicable to your school).

- CHECK THIS BOX ONCE K/3 STEP 1A HAS BEEN COMPLETED.**

Part B:

- ✓ Work with your school's main office to prepare an **electronic list** (compatible with Excel and described below) of the Kindergarten and 3rd grade students in your school. We ask that you email the list to Pan Atlantic Research (miyhs@panatlanticresearch.com) **at least one month before the finalized height/weight and oral health screening date (once determined).**
- ✓ The list should include the following information:
 - The potential screening dates you selected (if not already submitted to Pan Atlantic Research)
 - Teacher name
 - Grade
 - Student names
 - Parent names
 - Mailing addresses (for multiple households as applicable)
 - Telephone numbers

III. SCHOOL NURSE RESPONSIBILITIES – K/3 MODULE (continued)

- **NOTE:** Do not include homeschooled students in the list as they are not included in the parameters of the MIYHS.
 - ✓ Please note that the Federal Education Rights Protection Act (FERPA) allows schools to release directory information, such as what we are requesting, without prior consent from parents. We understand that the list you provide will not include information on students whose parents have already requested that you not release such directory information. Please be assured that *any and all identifying information will be kept confidential and will be destroyed after the 2017 survey is completed.*
 - ✓ Pan Atlantic Research will send you an Excel spreadsheet based on this list to use during the height/weight and oral health screenings.
- CHECK THIS BOX ONCE K/3 STEP 1B HAS BEEN COMPLETED.**

K/3 STEP 2 – Complete the brief, open note online training review for how to conduct the height/weight screenings.

- ✓ An online training review is required of all school nurses conducting height/weight screenings as part of the MIYHS. The online training review for the 2017 MIYHS, which is different from the training method employed in past years, can be completed in just TWO easy steps:
 1. **Read the *MIYHS Administration Handbook for School Nurses* (this document) thoroughly, including Appendix A which has more information directly related to survey administration procedures.** *Please keep this MIYHS Administration Handbook for School Nurses handy as it should answer many of the questions you may have about how to administer the 2017 MIYHS. Please do not hesitate to contact Pan Atlantic Research (miyhs@panatlanticresearch.com or 1-844-308-8906) with any questions that you may have.*
 2. **Complete the online training review.** In December, you will be sent an email containing a link to the online training review. Please be on the lookout for an email with the subject: “2017 MIYHS – School Nurse Online Training Review.” Simply go through the training review at your convenience between receipt of the email and **January 20th, 2017.**
 - You must complete the online training review **BEFORE*** conducting height/weight screenings.
**Height/weight screenings completed in the fall of 2016 may be used for the 2017 MIYHS provided that the protocol described in Appendix A was followed.*
 - You will be contacted by Pan Atlantic Research if you answer more than one training review question incorrectly. The purpose of this contact will be to answer any questions you may have and to ensure that the MIYHS is being administered in exactly the same way in each school.
- CHECK THIS BOX ONCE K/3 STEP 2 HAS BEEN COMPLETED.**

III. SCHOOL NURSE RESPONSIBILITIES – K/3 MODULE (continued)

K/3 STEP 3 – Prepare and distribute survey packets to the Kindergarten and 3rd grade students in your school.

- ✓ A few weeks prior to your school’s scheduled height/weight and oral health screening date, Pan Atlantic Research will send survey packets to you in the mail for each Kindergarten and 3rd grade student in your school based on the student list you provided in K/3 STEP 1B. Each survey packet will contain the following:
 - Parental Consent Form
 - Survey instrument
 - Postage-paid return envelope
- ✓ Pan Atlantic Research will alert you via email when the survey packets are sent to you; we will also include in that email a document entitled ‘Parent Letter for K/3 School Distribution,’ and the spreadsheet that you will use to record the height/weight and oral health screening measurements.
- ✓ Update the ‘Date #1,’ ‘Date #2,’ and ‘Date #3’ fields in the ‘Parent Letter for K/3 School Distribution’ document, as follows:
 - ‘Date #1’ in the letter should be the date that the survey packets will go home with students in their backpacks.
 - ‘Date #2’ in the letter should be **at least one week** after you plan to send the survey packets home with students (Date #1). ****The survey packets contain a parental consent form that informs parents of their right to opt their child out of the height/weight and oral health screening, thus it is VITAL that at least one week is allowed for parents to respond.**
 - ‘Date #3’ should be **two weeks** after you plan to send the survey packets home with students (Date #1).
- ✓ Photocopy the finalized ‘Parent Letter for K/3 School Distribution’ onto your school’s letterhead and add a copy to each survey packet. *Pan Atlantic Research can do this step for you, upon request**. Check to be sure that each packet includes the ‘Parent Letter for K/3 School Distribution’ document, a Parental Consent Form, the survey instrument, and a postage-paid return envelope. Please seal the envelopes prior to distribution.

** In order to do this for you, you must send the three dates and an electronic version of your school’s letterhead with the principal’s signature to miyhs@panatlanticresearch.com.*
- ✓ Deliver the survey packets to the appropriate Kindergarten and 3rd grade teachers in your school.
- ✓ Please notify Pan Atlantic Research (miyhs@panatlanticresearch.com or 1-844-308-8906) once the survey packets have been distributed. Include in your communication a sample copy of the ‘Parent Letter for K/3 School Distribution’ with the three dates (Date #1, Date #2 and Date #3) filled in.
- ✓ Collaborate with the main office and K/3 teachers, as needed, to maintain a list of students whose parents either call or write a note or email message indicating that they do not want their child to participate in the height/weight and oral health screening.
 - **Note: Please let Pan Atlantic Research know IMMEDIATELY if a parent contacts you or your school after the height/weight and oral health screening has been completed to opt their child out of the survey, so we can delete the screening data for that student.**

CHECK THIS BOX ONCE K/3 STEP 3 HAS BEEN COMPLETED.

PLEASE CONTACT PAN ATLANTIC RESEARCH WITH ANY QUESTIONS YOU MAY HAVE: miyhs@panatlanticresearch.com or call toll-free at 1-844-308-8906

III. SCHOOL NURSE RESPONSIBILITIES – K/3 MODULE (continued)

K/3 STEP 4 – Conduct the height/weight and oral health screenings (with assistance) for the Kindergarten and 3rd grade students in your school at least one week after the parent surveys are sent home with students.

- ✓ Screenings can be completed any time after ‘Date #2’; see K/3 STEP 3 above for more information.
- ✓ Refer to the list created in K/3 STEP 3 of students whose parents contacted the school and indicated that they do not want their child to participate in the height/weight and oral health screening. It is **VITAL** that these students **are not** screened.
 - **Note: Students can also opt out of the screening by indicating their unwillingness to participate.**
- ✓ Use the Excel spreadsheet provided by Pan Atlantic Research (referred to in K/3 STEP 3) to record the height/weight and oral health screening measurements for the Kindergarten and 3rd grade students in your school. The spreadsheet will look like this:

A	B	C	D	E	F	G	H	I	J
Student Name	Survey Code	Parental Opt Out <i>(Yes, Absent, Moved)</i>	Height		Weight* <i>(Rounded to the nearest pound)</i>	Oral Health Screening			
			Feet	Inches* <i>(Rounded to the nearest inch)</i>		Untreated Decay	Treated Decay	Sealants on Permanent Molars	Treatment Urgency

* Round down if below .5, round up if .5 or above.

- The ‘Student Name’ and ‘Survey Code’ columns will be pre-filled for you.
- Type ‘**Yes**’ in the ‘Parental Opt Out’ column for the parents who indicate that they do not want to have their child participate in the height/weight and oral health screening (specify as needed if a parent wishes their child not to participate in just one of the screenings). Keep this column blank for students participating in the screening. Type ‘**Absent**’ in this column if the student is absent on the day of the height/weight and oral health screening. Type ‘**Moved**’ in this column if the student is no longer enrolled in the class or school.
 - **Note:** A student can only be added to the list if their parents received the parental consent letter included in the survey packet.
- Please see Appendix A for more information on how to collect height and weight measurements for the 2017 MIYHS.
- ****The height will be collected in TWO columns – one for FEET and one for INCHES. Please do not provide the height in inches only.**** (Note: Appendix B contains a conversion chart for your reference.)

III. SCHOOL NURSE RESPONSIBILITIES – K/3 MODULE (continued)

ORAL HEALTH SCREENING (conducted by oral health professional):

- ✓ The oral health information will be collected in **four** columns, as follows: **Untreated Decay, Treated Decay, Sealants on Permanent Molars, and Treatment Urgency.**

- CHECK THIS BOX ONCE K/3 STEP 4 HAS BEEN COMPLETED.**

K/3 STEP 5 – Send the height/weight measurements and oral health screening results to Pan Atlantic Research as soon as data collection has been completed.

- ✓ Send the Excel spreadsheet containing the measurements obtained during the height/weight and oral health screening to Pan Atlantic Research **as soon as data collection has been completed.** The results should be sent to Pan Atlantic Research (miyhs@panatlanticresearch.com) no later than April 28th, 2017.

- CHECK THIS BOX ONCE K/3 STEP 5 HAS BEEN COMPLETED.**

IV. SCHOOL NURSE RESPONSIBILITIES – 5/6 MODULE

5/6 STEP 1 – Complete the brief, open note online training review for how to conduct height/weight screenings. (Note: This is the same online training review as in K/3 STEP 2; you only need to complete one training review.)

- ✓ An online training review is required of all school nurses conducting height/weight screenings as part of the MIYHS. **Note: This is the same online training review as in K/3 STEP 2; you only need to complete one training review.** The online training review for the 2017 MIYHS, which is different from the training method employed in past years, can be completed in just TWO easy steps:
 1. **Read the *MIYHS Administration Handbook for School Nurses* (this document) thoroughly, including Appendix A which has more information directly related to survey administration procedures.** *Please keep this MIYHS Administration Handbook for School Nurses handy as it should answer many of the questions you may have about how to administer the 2017 MIYHS. Please do not hesitate to contact Pan Atlantic Research (miyhs@panatlanticresearch.com or 1-844-308-8906) with any questions that you may have.*
 2. **Complete the online training review.** In December, you will be sent an email containing a link to the online training review. Please be on the lookout for an email with the subject: “2017 MIYHS – School Nurse Online Training Review.” Simply go through the training review at your convenience between receipt of the email and **January 20th, 2017.**
 - You must complete the online training review **BEFORE*** conducting height/weight screenings.
Height/weight screenings completed in the fall of 2016 **may be used for the 2017 MIYHS provided that the protocol described in Appendix A was followed.*
 - You will be contacted by Pan Atlantic Research if you answer more than one training review question incorrectly. The purpose of this contact will be to answer any questions you may have and to ensure that the MIYHS is being administered in exactly the same way in each school.

CHECK THIS BOX ONCE 5/6 STEP 1 HAS BEEN COMPLETED.

5/6 STEP 2 – Work with your school’s designated MIYHS Coordinator (grades 5-12) to make sure you are aware of how the 5th grade survey will be administered. Gather the height and weight measurements for the 5th grade students in your school BEFORE the grades 5-12 written survey administration date in your school. It is vital that the heights/weights are collected *first* in order to ensure student confidentiality.

As school nurse, you will be responsible for collecting height and weight measurements for the 5th grade students in your school. *(Please note that if you have been designated as your school’s MIYHS Coordinator for grades 5-12, you should refer to Administration Handbook for MIYHS Coordinators (Grades 5 – 12) for information about additional responsibilities you will have for the MIYHS survey for grades 5-12.)* Please review this section which outlines all of the steps for conducting the height/weight screening for the 5th grade students in your school.

- ✓ Coordinate with your school’s designated MIYHS Coordinator to make sure that the height/weight screenings are completed **BEFORE** your school’s planned MIYHS administration date for grades 5-12. (Please note that the height/weight screening date for the 5th grade students can be different from the screening for the Kindergarten and 3rd grade students.) **It is vital that the height/weight screening is conducted *first* in order to ensure student confidentiality.**

IV. SCHOOL NURSE RESPONSIBILITIES – 5/6 MODULE (continued)

✓ The procedure for the 5th grade is as follows:

1. Your school's designated MIYHS Coordinator (Grades 5-12) sends parental consent letters via electronic mail or, if necessary, via U.S. Mail 2-6 weeks prior to your school's written survey administration date (February 6th – 17th, 2017). Screenings (or the transferring of height/weight measurements previous collected in the fall) cannot be done until at least one week after parental consent letters have been mailed.
2. Your school's designated MIYHS Coordinator receives the survey packets for the 5th grade from Pan Atlantic Research in January, 2017.
3. As soon as possible and at least one week prior to your school's written survey administration date for grades 5-12, your school's MIYHS Coordinator will check to be sure that each 5th grade classroom survey packet contains enough survey booklets **AND** blank outer envelopes for each student to have one of each.
4. Your school's MIYHS Coordinator delivers the 5th grade classroom survey packets to **YOU**, the school nurse. Be sure that **YOU** obtain from the MIYHS Coordinator the list of students whose parents contacted the school and indicated that they do not want their child to participate in the height/weight screening. It is **VITAL** that these students **are not** screened.
 - **Note: Students can also opt out of the screening by indicating their unwillingness to participate.**
5. **YOU** complete the school nurse online training review and conduct the height/weight screenings for each 5th grade student **BEFORE*** the students take the written survey. **Height/weight screenings completed in the fall of 2016 may be used for the 2017 MIYHS provided that the protocol described in Appendix A was followed.*
 - If you do not have enough survey materials (survey booklets and/or envelopes), please contact your school's designated MIYHS Coordinator or Pan Atlantic Research (call toll-free 1-844-308-8906) **IMMEDIATELY.**
6. **YOU** record the height/weight measurements for each student on the back of his/her survey booklet.
 - **Please see Appendix A for more information on how to collect height and weight measurements for the 2017 MIYHS.**
 - Height, recorded in **feet and inches** (rounded to the nearest inch -- round down if below .5, round up if .5 or above), goes in Section A in the "FOR OFFICE USE ONLY" box on the back page of the survey booklet. Please **do not** provide the height in inches only. **(Note: Appendix B contains a conversion chart for your reference.)**
 - Weight, recorded in **pounds** (rounded to the nearest pound -- round down if below .5, round up if .5 or above), goes in Section B in the "FOR OFFICE USE ONLY" box on the back page of the survey. Nurses should place a 0 in the first column for students weighing less than 100 pounds (for example, 99 pounds would be "0 9 9").
7. **YOU** put each survey booklet in a separate blank outer envelope, seal the envelope, and write the student's name on the outside of the envelope.

IV. SCHOOL NURSE RESPONSIBILITIES – 5/6 MODULE (continued)

8. Your school's MIYHS Coordinator collects the sealed envelopes from **YOU** and distributes them to the appropriate classroom teachers. **If there is going to be a gap in time between the height/weight screenings and the survey administration period, be sure that the surveys are kept in a secure location.**
9. On the school's written survey administration date (February 6th – 17th, 2017), each 5th grade **teacher** distributes the envelopes to the respective students.
10. The **students** take out and complete their surveys. The envelopes are thrown away (recycled), thereby removing any identifying information from the surveys.
11. At the end of the survey period the **teacher** passes around the classroom survey packet for students to deposit their survey booklets, having the **last student** seal the classroom survey packet envelope.

Maine Integrated Youth Health Survey (MIYHS) Measuring Height and Weight

The following are specific instructions to accurately assess a student's growth status for the MIYHS. The State of Maine School Nurse Manual has a more detailed explanation including calculating body mass index which is NOT necessary for this survey.

EQUIPMENT

Height:

1. Use a portable or wall-mounted stadiometer. The tool should:
 - Be stable with a large base, and
 - Have a horizontal headpiece at least 4 inches wide that can be brought into contact with the most superior part of the head.
2. Do not use cloth tapes, yardsticks, or graphics attached to wall.
3. Do not use a metal measuring rod attached to a scale.

Weight:

1. Use a properly calibrated balance beam or electronic/digital scale to weigh students. The scale should:
 - Have a stable weighing platform that can be easily set at zero; and
 - Be able to be calibrated through a professional service or by standard known weight.

SPECIFIC PROCEDURES for MIYHS

Measuring Height:

1. Have students remove shoes, hair ornaments, buns, and braids to extent possible;
2. Have students stand on footplate portion of the scale with:
 - a. Backs against the stadiometer rule (cut out feet can be placed in position to assist the students);
 - b. Legs brought together, contacting at some point (whatever touches first);
 - c. Knees not bent, arms at sides, shoulders relaxed, feet flat on the floor;
 - d. Back of body touching/making contact with the stadiometer at some point;
 - e. Body in straight line (mid-axillary line parallel to stadiometer) -- see Figure 1 (next page); and
 - f. Head in appropriate "Frankfort plane position" -- see Figure 2 (next page);
3. Lower headpiece snugly to fit crown of head with sufficient pressure to press hair, and read value at eye level;
4. Measure in feet and inches and round to nearest inch ($3'2\frac{1}{4}" = 3'2"$ and $3'2\frac{1}{2}" = 3'3"$); and
5. Record value immediately (Note: **Do not** provide height in inches only; Appendix B contains a conversion chart for your reference):

Kindergarten/3rd grade – Recorded in **two** columns in the "Height" section of the electronic spreadsheet (provided):

- Column D – Feet
- Column E – Inches; Round to the nearest inch (round down if below .5, round up if .5 or above)

APPENDIX A – MEASURING HEIGHT AND WEIGHT (continued)

5th grade – Recorded in **two** columns in Section A of the “FOR OFFICE USE ONLY” box on the back page of the 5th grade individual survey booklets:

- Column 1 (unlabeled) – Feet
- Column 2 (unlabeled) – Inches; Round to the nearest inch (round down if below .5, round up if .5 or above)

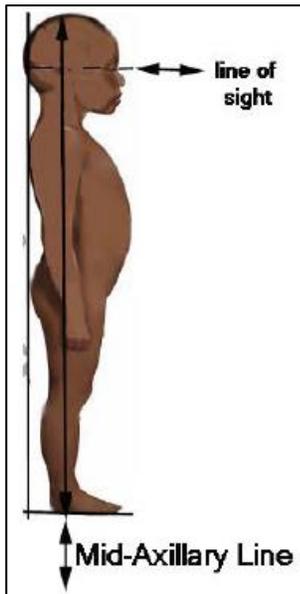


Figure 1

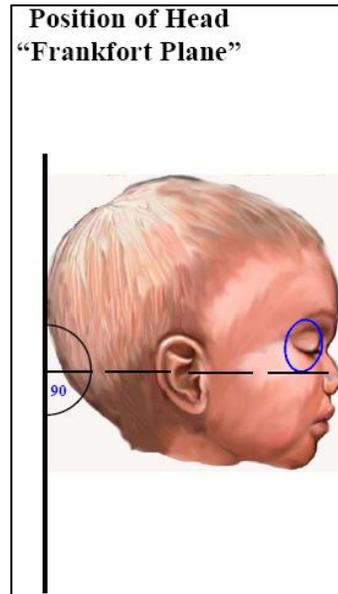


Figure 2

Measuring Weight:

1. Set scale on firm surface. Have students empty their pockets and remove their shoes and heavy outer clothing such as sweaters, vests, and/or jackets;
2. Set scale at zero reading;
3. Have students step on the center of the platform and stand still, with their backs toward the scale and both feet on the platform;
4. Before students step off of the scale, immediately record weight value, rounded to nearest pound (30 ¼ lb. = 30; 30 ½ lb. = 31; or, if digital 30.25 = 30; 30.50 = 31);
5. If using a balance beam scale, return weights to zero position before subsequent student is weighed.

Kindergarten/3rd grade – Recorded in **one** column in the “Weight” section of the electronic spreadsheet (provided):

- Column F – Weight in pounds; Round to the nearest pound (round down if below .5, round up if .5 or above)

5th grade – Recorded in **three** columns in Section B of the “FOR OFFICE USE ONLY” box on the back page of the 5th grade individual survey booklets:

- Column 1 (unlabeled) – First digit of weight; place a 0 in this column for students weighing less than 100 pounds. Example: If a student weighed 99 pounds, the entry in the three columns would be “0 9 9”
- Column 2 (unlabeled) – Second digit of weight
- Column 3 (unlabeled) – Third digit of weight; round to the nearest pound (round down if below .5, round up if .5 or above)

Source: <http://www.maine.gov/education/sh/>

APPENDIX B – HEIGHT CONVERSION CHART

Prior to using the conversion chart below, please round to the nearest inch (round down if below .5, round up if .5 or above).

Inches	→	Feet	Inches
36	→	3	0
37	→	3	1
38	→	3	2
39	→	3	3
40	→	3	4
41	→	3	5
42	→	3	6
43	→	3	7
44	→	3	8
45	→	3	9
46	→	3	10
47	→	3	11
48	→	4	0
49	→	4	1
50	→	4	2
51	→	4	3
52	→	4	4
53	→	4	5
54	→	4	6
55	→	4	7
56	→	4	8
57	→	4	9
58	→	4	10
59	→	4	11
60	→	5	0
61	→	5	1
62	→	5	2
63	→	5	3
64	→	5	4
65	→	5	5
66	→	5	6
67	→	5	7
68	→	5	8
69	→	5	9
70	→	5	10
71	→	5	11
72	→	6	0

APPENDIX C – ONLINE TRAINING REVIEW QUESTIONS

NOTE: These questions are the same as the ones that will be appearing in the online training review in December. As this will be an open-note review, you may refer to this *MIYHS Administration Handbook for School Nurses* when taking the online training review.

2017 MIYHS Height and Weight Training Review

1. Heights and weights collected in the fall of 2016 may be used for this survey.
 - A. True under any condition
 - B. True only if the protocol outlined in Appendix A of the *MIYHS Administration Handbook for School Nurses* is followed
 - C. False
2. Who can opt students out of participating in the height/weight screening?
 - A. Parents only
 - B. Students only
 - C. Both students and parents
 - D. Neither parents nor students
3. Appropriate scales to be used for screening can be:
 - A. Electronic/digital
 - B. Calibrated balance beam scale
 - C. Both A and B
 - D. Neither A or B
4. For accurate screening data, students screened for height and weight must:
 - A. Remove shoes and hair ornaments
 - B. Stand in the center of the scale
 - C. Put legs together (feet if possible)
 - D. All of the above
5. While screening students, the school nurse must:
 - A. Place the scale on a solid preferably non-carpeted floor
 - B. Use a stadiometer (free standing or wall mounted)
 - C. Both A and B
 - D. Neither A or B
6. Height is recorded in feet and inches, rounded to the nearest inch.
 - A. True
 - B. False
7. Weight is recorded:
 - A. In pounds and ounces
 - B. In pounds only (rounded to the nearest pound)
8. For 5th grade, heights and weights are recorded onto the survey booklets:
 - A. BEFORE the student has completed the survey
 - B. AFTER the student has completed the survey

2017 MIYHS Height and Weight Training Review (continued)

9. It is acceptable for you to conduct the oral health screening portion of the Kindergarten/3rd grade survey without the assistance provided by an oral health professional designated by Pan Atlantic Research.
- A. True
 - B. False
10. School nurses must calculate BMI before submitting their MIYHS materials.
- A. True
 - B. False
11. The height and weight for a student measuring 59.5 inches tall and weighing 100.4 pounds would be recorded as:
- A. 4 feet, 11 inches and 100 pounds
 - B. 60 inches and 100.4 pounds
 - C. 5 feet, 0 inches and 100 pounds
 - D. 4 feet, 11 inches and 101 pounds
 - E. 59 inches and 100 pounds



**Administration Handbook
for MIYHS Coordinators
(Grades 5 – 12)**

2016 – 2017 School Year

I. INTRODUCTION

The purpose of this *Administration Handbook for MIYHS Coordinators (Grades 5 – 12)* is to inform the MIYHS Coordinators within each school of their roles and responsibilities in conducting the 2017 Maine Integrated Youth Health Survey (MIYHS) for the following modules: 5th/6th grade (5/6), Middle School (MS), and High School (HS). This document provides information on the administration procedures employed in the MIYHS, as well as some background and rationale for the way that the MIYHS is conducted. The following *Administration Handbook for MIYHS Coordinators* includes all of the information that you will need to administer the 2017 MIYHS for grades 5 – 12. **Note:** Administration instructions for the Kindergarten/3rd grade (K/3) module can be found in the *MIYHS Administration Handbook for School Nurses (which will be distributed shortly after this Handbook)*.

Quick Facts:

- ✓ The MIYHS is sponsored by the Maine Department of Education, in collaboration with the Department of Health and Human Services.
- ✓ The first administration of the MIYHS took place in February, 2009, after many years of collaboration and planning to integrate several surveys that had previously been administered separately, including the Maine Youth Drug and Alcohol Use Survey (MYDAUS), the Youth Risk Behavior Survey (YRBS), and the Youth Tobacco Survey (YTS).
- ✓ The MIYHS is administered every two years (2009, 2011, 2013, 2015, 2017, etc.) during the first half of February.
- ✓ The MIYHS is composed of four overall modules:
 1. “K/3” – Kindergarten and 3rd grade parent survey¹
 2. “5/6” – 5th and 6th grade student survey²
 3. “MS” – 7th and 8th grade (middle school) student survey, composed of four sub-versions
 4. “HS” – 9th through 12th grade (high school) student survey, composed of four sub-versions

¹ School nurses are asked to conduct height/weight and oral health screenings (with assistance) of Kindergarten and 3rd grade students.

² School nurses are asked to conduct height/weight screenings of 5th grade students only.

Benefits:

- ✓ The benefits of participating in the MIYHS include, but are not limited to:
 - School and SAU access to a wide range of data on youth behaviors, risk factors, and protective factors, including comparisons to past MIYHS results and state level data. (*Please note that some restrictions may apply to the availability of School and SAU reports, based on participation rates and school size.*)
 - Availability of data to evaluate the impact of national, state, and local efforts to prevent certain risk behaviors and to improve school health education policies and programs.
 - Access to local, public health district, and state data that show how student health risk behaviors change over time, and how they affect the success of Maine youth in attaining the Maine Learning Results.

I. INTRODUCTION (continued)

Special Notes:

- ✓ After managing the 2009, 2011, 2013, and 2015 MIYHS administrations, Pan Atlantic Research, out of Portland, Maine, is looking forward to working with schools on administering the 2017 MIYHS. Past MIYHS administrations have been successful, with approximately 80,000 completed surveys in each survey year.
- ✓ While many MIYHS Coordinators and teachers have assisted with the MIYHS and/or other student surveys in the past, our experience with and feedback from past MIYHS administrations indicate that a small number of school personnel misunderstood the survey procedures and protocol, which may have impacted students' rights and/or the validity of schools' survey data, sometimes resulting in surveys that were not usable.
Therefore, as the designated MIYHS Coordinator for your school, it is extremely important that you:
 - a) thoroughly review the information contained within this document, and
 - b) complete the online training review by the end of January (see STEP 3).Both of these items are **mandatory** parts of your school's participation in the MIYHS and must be completed.
- ✓ **Please contact Pan Atlantic Research (email: miyhs@panatlanticresearch.com or call toll-free at 1-844-308-8906) at any time throughout the survey administration process should you have any questions, comments, or concerns.**

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES

OVERVIEW

The 9 steps below and the timeline represent an overview of the Administration of the MIYHS at your school. Your specific actions are presented in detail following this Overview section.

STEP 1 - Decide how and when your school will administer the MIYHS during the survey period of February 6th – 17th, 2017.

STEP 2 - Send Pan Atlantic Research a spreadsheet containing enrollment figures for each classroom participating in the MIYHS. The spreadsheet should reflect the classroom information for the selected date and time of the survey administration and should include any vocational and/or alternative education students in your school.

STEP 3 - Complete the online training review for MIYHS Coordinators by January 13, 2017.

STEP 4 - ASAP after receipt of your survey materials, check every classroom survey packet against your school's MIYHS Classroom Enrollment Confirmation Form(s).

STEP 5 - Work with your principal/main office to make sure that the requisite parental consent letters have been e-mailed to parents/guardians **at least two weeks, but not more than six weeks, prior** to your school's scheduled survey administration date.

STEP 6 - Work with your school nurse to make sure s/he is trained on how to conduct height/weight screenings, and that s/he gathers the measurements for any 5th grade students in your school BEFORE the written survey administration date.

STEP 7 - Train the teachers in your school on how to administer the survey.

STEP 8 - Administer the survey during the survey period of February 6th – 17th, 2017.

STEP 9 - Return completed surveys to Pan Atlantic Research.

Timeline for Survey Administration Steps for the 5/6, MS & HS MIYHS Modules						
September	October	November	December	January	February	March
STEP 1						
	STEP 2 (by Nov. 10 th)					
			STEP 3 (by Jan. 13 th)			
				STEP 4		
				STEP 5		
				STEP 6		
					STEP 7	
					STEP 8 (Feb. 6 th - 17 th)	
						STEP 9

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

DETAILED INFORMATION FOR EACH STEP

Please see below for specific information about each step in administering the 2017 5/6, MS, and HS MIYHS modules.

STEP 1 - Decide how and when your school will administer the MIYHS during the survey period of February 6th – 17th, 2017.

- ✓ **All** students in the grades in your school participating in the MIYHS must be given the opportunity to take the survey including vocational and alternative education students, if applicable. Please pick a day within the February 6th – 17th timeframe that will have **maximum attendance** as the quality of your school’s data will be proportional to the survey participation rate of eligible students.

Note for Grade 5: Height/weight screenings must be conducted by the school nurse BEFORE the survey is administered to students (See Step 6).

- ✓ Decide how best to administer the surveys in your school, keeping in mind that the survey administration period should be 45 minutes.
 - For the Middle School and High School modules, half of the schools participating in the MIYHS will receive “A” and “C” versions of the survey, while the other half will receive “B” and “D” versions. Pan Atlantic Research will assign the survey version to your classes, with half of the classes receiving one version and the other half receiving the other version. Each class envelope will be clearly marked with the survey version that class will complete. Specifically, the following MIYHS grade segments will be receiving **different modules** of the survey:
 - Grades 5 and 6 will complete the 5/6 version;
 - Grades 7 and 8 (2 of 4 versions – MS-A & MS-C *OR* MS-B & MS-D); and
 - Grades 9 through 12 (2 of 4 versions – HS-A & HS-C *OR* HS-B & HS-D).
 - Please ensure that students in the different MIYHS grade segments (5/6, MS, and HS) are in distinct classrooms during survey administration and are not interspersed with other grade segments. For example, 5th and 6th grade students may be in the same classroom with one another, but 5th and 7th grade students may not as they belong to different MIYHS grade segments (and therefore will be given different survey modules). This will help guarantee that each student will receive the appropriate module of the MIYHS to complete.
 - Please choose a time (e.g., homeroom, English classes, Period 2 classes) in which all students have an opportunity to take the survey; but please ensure that no students take the survey more than once. **As a reminder, be sure that vocational and/or alternative education students, as applicable, have an opportunity to take the survey.**
- ✓ **NOTE:** If the February 6th – 17th timeframe conflicts with other initiatives, an alternative date can be selected so long as it falls prior to the April school vacation.

CHECK THIS BOX ONCE STEP 1 HAS BEEN COMPLETED.

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

STEP 2 - Send Pan Atlantic Research a spreadsheet containing enrollment figures for each classroom participating in the MIYHS. The spreadsheet should reflect the classroom information for the *selected date and time of the survey administration* and should include any vocational and/or alternative education students in your school.

- ✓ Because survey materials need to be prepared well in advance of the survey administration date, we ask that you email the classroom enrollment spreadsheet (see below for spreadsheet format) to Pan Atlantic Research (miyhs@panatlanticresearch.com) **as soon as possible** and no later than **November 10th, 2016**.
- ✓ Be sure that the classroom enrollment spreadsheet you send is for the **FEBRUARY 2017 survey administration date**, not the current schedule of classes. Additional surveys will be included to account for small enrollment changes occurring in the time since the classroom enrollment spreadsheet was sent to Pan Atlantic Research. If these extra surveys will not be sufficient to cover the enrollment changes your school may experience OR if your school changes the way in which the survey will be administered, **you must let Pan Atlantic Research know immediately so that arrangements can be made to get you the survey materials you need.**
- ✓ Ensure that the classroom enrollment spreadsheet (see below) includes the **anticipated survey administration date** and the following information for each classroom:
 - Survey Administration Date
 - School Name
 - Name of teacher
 - Type of class (e.g., “English,” “Homeroom”); if you choose to administer the survey throughout the day (for example, in English classes), be sure to include the class period as well.
 - Grade(s) of the students in the classroom
 - Number of students in the classroom
 - Notes – add anything you think Pan Atlantic Research needs to know about the classes at your school

	A	B	C	D	E	F	G
1	Survey Date	School Name	Teacher Name	Type of Class	Grade(s)	Number of students	Notes
2	7-Feb-17	District Middle School	Mr. Smith	English	5 & 6	32	(18 5 th graders)
3	7-Feb-17	District Middle School	Ms. Jones	Homeroom	7	24	
4	7-Feb-17	District Middle School	Mrs. Brown	Homeroom	8	16	
5	7-Feb-17	District Middle School	Mr. White	English, Period 1	9 & 10	22	
6	7-Feb-17	District Middle School	Mr. White	English, Period 2	11 & 12	25	
7							
8							

- ✓ Note: The classroom enrollment spreadsheet **does not** need to include a list of the individual student names. However, if the classroom enrollment spreadsheet you provide must include students’ names, **please ensure that they are grouped and labeled by teacher** so that the appropriate number of surveys per classroom can be readily packed for each teacher.
- ✓ Note: If you have any classrooms with 5th and 6th grade students together, include a note with the number of 5th grade students in each of those classrooms. This enables us to provide enough envelopes for your school nurse to use when recording the height/weight measurements for 5th grade students before the paper survey is administered.

✓

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

- ✓ Email the classroom enrollment spreadsheet in an electronic format that is compatible with Excel to Pan Atlantic Research (miyhs@panatlanticresearch.com); please contact Pan Atlantic Research (toll-free 1-844-308-8906) if this is not possible. The preferred layout of the classroom enrollment spreadsheet is as follows:
- ✓ **Be sure to include any vocational/alternative education students in your school, but do not include homeschooled students on the classroom enrollment spreadsheet as they are not included in the parameters of the MIYHS.**
- ✓ Small enrollment changes may occur between the time that the classroom enrollment spreadsheets are provided and the survey administration period. If these cannot be corrected with the extra surveys that are packed for each school or if your school changes the way in which the survey will be administered, it is **VITAL** that you call Pan Atlantic Research immediately to request additional surveys.

CHECK THIS BOX ONCE STEP 2 HAS BEEN COMPLETED.

STEP 3 - Complete the online training review for MIYHS Coordinators by January 13, 2017.

- ✓ An online training review is required of all MIYHS Coordinators; this step must be completed prior to the survey. The review is a short, 10-question review. The training for the 2017 MIYHS, which is similar to the training method employed in the 2015 MIYHS, can be completed in just TWO easy steps:
 1. **Read the *Administration Handbook for MIYHS Coordinators* (this document) thoroughly.** Please keep this handbook readily available as it should answer most of the questions you may have about how to administer the 2017 MIYHS. Remember, please do not hesitate to contact Pan Atlantic Research with any questions (miyhs@panatlanticresearch.com or toll-free 1-844-308-8906).
 2. **Complete the online training review.** In December, you will be sent an email containing a link to the online training review. Please be on the lookout for an email with the subject: “2017 MIYHS Coordinator Online Training Review.” Simply complete the training review at your convenience between receipt of the email and January 13th, 2017.

NOTE: You will be contacted by Pan Atlantic Research if you answered more than one training review question incorrectly. The purpose of this follow-up is to answer any questions you may have and to ensure that the MIYHS is being administered according to the protocol in exactly the same way in each school.

CHECK THIS BOX ONCE STEP 3 HAS BEEN COMPLETED.

STEP 4 - ASAP after receipt of your survey materials, check every classroom survey packet against your school’s MIYHS Classroom Enrollment Confirmation Form(s).

- ✓ Pan Atlantic Research will contact you in December with more information on receiving survey materials. Please be on the lookout for an email with the subject: “2017 MIYHS – Important Information about Survey Materials.”
- ✓ When you receive your survey box(es), inside you will find:
 - A folder containing the following documents:

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

- MIYHS Classroom Enrollment Confirmation Form(s) (customized for each school, one form per module)
- Information Sheet for School Nurses Conducting 5th Grade Height/Weight Screenings (as applicable to each school)
- School Packing Form
- Laminated poster to be displayed in a prominent area of the school for at least two weeks starting on the day before your school’s survey administration date
- Absentee Survey Envelope
- Classroom survey packets (for each class) containing the following survey materials:
 - 5th grade – Survey booklets and one large envelope per student (bundled by classroom): See Step 6 for more information about how envelopes are used to match height/weight data with student surveys.
 - 6th grade – Survey booklets
 - MS & HS modules – Survey booklets with attached (perforated) answer sheets
- ✓ **As soon as possible after receiving the survey materials and at least one week prior to your school’s survey administration date, make sure to check every classroom survey packet against your school’s MIYHS Classroom Enrollment Confirmation Form(s). If your school has a large number of classes, you may find it helpful for each teacher to check his/her own survey materials.**
- Please review your materials at least one week prior to your school’s survey administration date and contact Pan Atlantic Research (toll-free 1-844-308-8906) RIGHT AWAY if you find any problems with your survey materials. While Pan Atlantic Research does everything possible to double-check all of the survey materials before they are packed and distributed, mistakes sometimes happen with upwards of 90,000 surveys being packaged. Unfortunately, solutions to any packing errors will be extremely limited if there isn’t enough time for additional survey materials to be sent in the mail.
- The survey material review check list should be as follows:

Step 4-1 – Are there enough surveys in each classroom packet given current enrollment figures?

Surveys are packed to match the exact enrollment figures documented in the classroom enrollment spreadsheet you provided in STEP 2. There will be one extra survey booklet in each classroom survey packet for the teacher to read through and refer to during the survey administration period. Additional surveys will be packed in a separate envelope for each school to account for small enrollment changes occurring in the time since the classroom enrollment spreadsheet was sent to Pan Atlantic Research. **Note:** The additional surveys will be packed in separate envelopes as opposed to being packed in individual classroom envelopes as was done in previous administrations.

If a classroom survey packet still doesn’t have enough surveys due to more substantial enrollment changes, you can supplement them with survey booklets from another classroom survey packet if that packet has extras. **However, for the MS and HS modules, you MUST make sure that the two classrooms have the same SURVEY CODE (e.g., MS-A, HS-B).**

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

If not enough extra surveys are available, call Pan Atlantic Research **IMMEDIATELY** so that you can get the proper survey materials by your school's administration date.

CHECK THIS BOX ONCE STEP 4-1 HAS BEEN COMPLETED.

Step 4-2 – For MS and HS modules: For each classroom packet, do all of the survey booklets have the same SURVEY CODE on them (e.g., MS-A, HS-B) and does this code match the one listed on the “Classroom Summary Information Form” printed on the front of each classroom survey packet?

If there is an obvious packing error that you are able to fix yourself, you may go ahead and do so. However, please contact Pan Atlantic Research **ASAP** if there is a larger problem and/or if you have any questions at all as to the best way of fixing something that seems to have been done in error.

CHECK THIS BOX ONCE STEP 4-2 HAS BEEN COMPLETED.

Step 4-3 – For 5th grade height/weight screenings: Does each classroom packet contain enough survey booklets and blank outer envelopes for one per student?

The instructions listed for Step 4-1, above, apply to the blank outer envelopes as well. (Note: these individual envelopes are used to contain survey booklets after the school nurse records the height/weight data but before the survey is filled out by students.) Please contact Pan Atlantic Research ASAP if you need any additional survey materials, including envelopes for 5th grade students if your school cannot provide them.

CHECK THIS BOX ONCE STEP 4-3 HAS BEEN COMPLETED.

CHECK THIS BOX ONCE ALL OF STEP 4 HAS BEEN COMPLETED.

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

STEP 5 - Work with your principal/main office to make sure that the requisite parental consent letters have been sent at least two weeks (but not more than six weeks) prior to your school's scheduled survey administration date.

- ✓ **Be sure to use this year's (2017) version of the parental consent letter.** The parental consent letter has been translated into select languages; these versions are available upon request. *It is very important to send the parental consent letters to parents/guardians at least two weeks– but not more than six weeks – prior to your school's scheduled survey administration date.*
- ✓ The parental consent letters must be sent to the parents of all students in the grades participating in the MIYHS.
- ✓ The 2017 MIYHS has a new delivery methodology, aimed to make the process easier for schools. Email delivery is a perfectly acceptable and the recommended method to deliver the Parent Consent Letters. For the step by step protocol of mailing out your consent letters, please refer to “Parent/Guardian Consent Letter Delivery Options” in the Appendix. For those schools that do not utilize email or have a need to send the letters via U.S. Mail, you may go ahead and do so following the steps in the Appendix for U.S. Mail delivery.
- ✓ The list of survey questions are available on the MIYHS website -- <https://data.mainepublichealth.gov/miyhs/>. You will need to keep the list of survey questions on file for parental review, upon request.
- ✓ It is **vital** that someone in your school (for example, you as the MIYHS Coordinator, or someone in the main office) creates a list of students who **won't** be participating in the survey – either due to parental non-consent or parental consent letters being returned as undeliverable. **As these students will not be able to participate in the survey, they should be given an alternate activity during the survey administration period.** Please note that Pan Atlantic Research does not need to receive this list – it is for you and your staff to be sure that non-eligible students are not surveyed.
- ✓ It is important to note that participation (postage) reimbursements will not be released to schools until Pan Atlantic Research has received the following:
 - The “Confirmation of Parental Consent Letter Mailing Form” and “Request for Participation Reimbursement Form,” (see Appendix) completed in full;
 - A sample copy of the parental consent letter on your school letterhead;
 - Documentation of the MIYHS Coordinator's participation in the online training review (Pan Atlantic Research will automatically receive the documentation upon your completion of the online training review -- see STEP 3 for more information);
 - Documentation of your school nurse's participation in the online training review, as applicable (for more information please see the *MIYHS Administration Handbook for School Nurses* provided to your school nurse); and
 - Your school's completed survey materials: A) All classroom envelopes (each with a completed 'Classroom Summary Information Form'), B) Absentee surveys (unless there were no students absent on the survey administration day), and C) 'School Packing Form' completed in full.
- ✓ *'Volunteer' schools are welcome to participate in the 2017 MIYHS. Volunteer Schools are those that were not chosen as part of the 2017 5/6 sample of schools but would like to participate in the 5/6 module.

CHECK THIS BOX ONCE STEP 5 HAS BEEN COMPLETED.

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

STEP 6 - Work with your school nurse to make sure s/he is trained on how to conduct height/weight screenings, and that s/he gathers the measurements for any 5th grade students in your school BEFORE the written survey administration date.

- ✓ Check with your school nurse to make sure that s/he received and reviewed the *MIYHS Administration Handbook for School Nurses*, and that s/he completed the online training review. A link to the online training review will be emailed to school nurses in December.
- ✓ Coordinate with your school nurse to make sure that the height/weight screenings are completed **BEFORE** your school's planned survey administration date. It is vital that the height/weight measurements are collected **first** in order to ensure student confidentiality.
- ✓ The procedure for the **5th grade surveys** is as follows:
 1. **YOU**, as MIYHS Coordinator, send parental consent letters as outlined in the delivery protocol in the Appendix 2-6 weeks prior to your school's written survey administration date (February 6th – 17th, 2017). Note that height/weight screenings (or the transferring of height/weight measurements previously collected in the fall) cannot be done until at least one week after parental consent letters have been sent.
 2. **YOU** receive the survey packets for the 5th grade from Pan Atlantic Research (see STEP 4).
 3. As soon as possible and at least one week prior to your school's written survey administration date for grades 5-12, **YOU** check to be sure that each 5th grade classroom survey packet contains enough survey booklets **AND** blank outer envelopes for each student to have one of each. If you do not have enough survey materials (survey booklets and/or envelopes), please contact Pan Atlantic Research (toll-free 1-844-308-8906) **IMMEDIATELY** so that there is time for additional materials to be sent in the mail.
 4. **YOU** deliver the 5th grade classroom survey packets to the **school nurse**. Be sure that **YOU** provide the school nurse with the list of students whose parents contacted the school and indicated that they do not want their child to participate in the height/weight screening. It is **VITAL** that these students **are not** screened.

Note: Students can also opt out of the screening by indicating their unwillingness to participate.

5. The **school nurse** completes the school nurse online training review and conducts the height/weight screenings for each 5th grade student **BEFORE*** the students take the survey. * *Height/weight screenings completed in the fall of 2016 may be used for the 2017 MIYHS provided that the protocol described in the MIYHS Administration Handbook for School Nurses was followed.*

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

6. The **school nurse** records the height/weight measurements for each student on the back of his/her survey booklet.

Height is recorded in **two** columns in Section A of the “FOR OFFICE USE ONLY” box on the back page of the 5th grade individual survey booklets:

- Column 1 (unlabeled) – Feet
- Column 2 (unlabeled) – Inches; round to the nearest inch (round down if below .5, round up if .5 or above)

Weight is recorded in **three** columns in Section B of the “FOR OFFICE USE ONLY” box on the back page of the 5th grade individual survey booklets:

- Column 1 (unlabeled) – First digit of weight; place a 0 in this column for students weighing less than 100 pounds; Example: If a student weighed 99 pounds, the entry in the three columns would be “0 9 9”
- Column 2 (unlabeled) – Second digit of weight
- Column 3 (unlabeled) – Third digit of weight; round to the nearest pound (round down if below .5, round up if .5 or above)

7. The **school nurse** puts each survey booklet in a separate blank outer envelope, seals the envelope, and writes the student’s name on the outside of the envelope.
 8. **YOU** collect the sealed envelopes from the **school nurse** and distribute them to the appropriate classroom teachers. **If there is going to be a gap in time between the height/weight screenings and the survey administration period, be sure that the surveys are kept in a secure location.**
 9. On the school’s written survey administration date (February 6th – 17th, 2017), each 5th grade **teacher** distributes the envelopes to the respective students.
 10. The **students** take out and complete their survey. The envelopes are thrown away (recycled), thereby removing any identifying information from the surveys.
 11. At the end of the survey period the **teacher** passes around the classroom survey packet for students to deposit their survey booklets, having the **last student** seal the classroom survey packet envelope.
- ✓ In order to bolster the validity and reliability of the height/weight data, we ask that all schools with a 5th grade participating in the 5/6 module (including ‘volunteer’ schools) participate in this portion of the survey. Please let Pan Atlantic Research know as soon as possible if your school is not able to participate in the 5th grade height/weight portion of the survey.

CHECK THIS BOX ONCE STEP 6 HAS BEEN COMPLETED.

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

STEP 7 - Train the teachers in your school on how to administer the survey.

- ✓ Train classroom teachers on how to administer the MIYHS:
 - MIYHS Coordinator should display a laminated poster (to be provided) with various hotline numbers in a prominent location in their school for at least two weeks, beginning on the day prior to your school's survey administration date. In addition, the poster will be available to school nurses and guidance counselors (through State listservs) for those individuals to display the poster in their respective offices. You will need to alert the teachers where in your school the posters will be displayed. **The information specific to your school needs to be added to the 'Classroom Script' prior to the document being photocopied and distributed to teachers.**
 - Photocopy and distribute (along with the classroom survey packets) the "Survey Administration Instructions for Teachers" and "Classroom Script" documents. You will be receiving these documents via email in January. Before photocopying the "Classroom Script," be sure to update this document with information regarding where the posters will be displayed. Teachers will also need the list of students who cannot take the survey due to parental refusal or undeliverable parental consent letters (see STEP 5 for more information). **Distribute these survey materials to teachers at least one day* prior to your school's survey administration date to ensure that teachers have enough time to familiarize themselves with the survey materials.** **This should be done earlier if you want teachers to help check through their own classroom survey packets to be sure that they have enough survey booklets in their classrooms.*
 - Organize a training session – either done individually or in a larger group – to ensure that the teachers adhere to the Teacher MIYHS Protocol (listed below). You will have access to a PowerPoint presentation, created by Pan Atlantic Research, to use in the training session(s).

MIYHS Teacher Protocol:

- ✓ For 5th grade – Double check to be sure that the school nurse has conducted the height/weight screenings **PRIOR** to the survey administration period. **Due to confidentiality and anonymity reasons, height/weight measurements CANNOT BE COLLECTED after the students have taken the survey.**
- ✓ In the days leading up to the survey administration period, teachers should:
 - Read the "Survey Administration Instructions for Teachers" and the "Classroom Script" documents.
 - Make sure that all of the contents of their classroom survey packets are accounted for and accurate:
 - For MS and HS modules: Make sure that each survey booklet has the same SURVEY CODE and that the code matches the "Classroom Summary Information Form" printed on the front of each classroom survey packet. Middle schools and high schools are given one of two sets of surveys (approximately half of your school's students – split by classroom – will receive each survey type):
 - MS-A and MS-C
 - MS-B and MS-D
 - HS-A and HS-C
 - HS-B and HS-D
 - **PRIOR** to the survey administration period, ensure that there are enough surveys in the classroom survey packet for the students in their classroom, including an extra survey booklet for the teacher. If not, teachers should contact **YOU**, as your school's MIYHS Coordinator. **YOU** should make sure that they are given additional surveys; for MS and HS modules, it is **VITAL** that the new surveys have the correct

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

“SURVEY CODES” on them that match the rest of the classroom and the “Classroom Summary Information Form” printed on the front of the classroom survey packet. **Note: This should be done as far in advance as possible so that Pan Atlantic Research has time to send you additional survey materials in the mail, if necessary.**

✓ During the actual survey administration period, teachers should:

- Ensure that students whose parents refused their participation, who decline to participate in the survey themselves, and those whose parental consent letters are returned undeliverable are: 1) **NOT** surveyed, and 2) given an alternative activity during survey administration.
- **For MS and HS modules:** Have students gently fold the answer sheet at the perforation line and carefully tear the answer sheet from the survey booklet, instructing them to mark their answers only on the detached answer sheet. *If a student rips his or her survey, provide the student with another survey booklet if there are extras in your classroom survey packet. If there are no extra survey booklets, have the student continue taking the survey with the ripped answer sheet.*
- Make sure that students only use pencil or blue or black ink to complete the survey. Do not have students use magic markers of any color or red, pink, orange, or yellow ink as those colors will not be read by the scanner.
- Display the following items on the board at the front of the classroom:
 - SCHOOL ID and CLASS ID codes -- These can be found on the “Classroom Summary Information Form” printed on the front of the classroom survey packet. It is essential that teachers have the students fill in these ID codes correctly or your school runs the risk of your surveys not being processed correctly.
 - Contact information (name, office #, and/or phone number) of the school’s substance abuse counselor and/or guidance counselor, county crisis resources, and the State Crisis Hotline (1-888-568-1112). Teachers should refer students to these resources to discuss additional questions or concerns regarding issues raised by the survey.
- Follow the “Survey Administration Instructions for Teachers” and the “Classroom Script,” which is a set of **verbatim** instructions to be read to the students before the survey is administered.
- Supply the following contact information to students who have questions about the survey or about their rights regarding the survey:
 - Reid Plimpton, Maine Center for Disease Control and Prevention at reid.plimpton@maine.gov or 207-287-5084,
 - Jean Zimmerman, Maine Department of Education, at Jean.Zimmerman@maine.gov or 207-624-6687, or
 - USM Human Protections Administrator at (207) 228-8434 and/or email usmorio@maine.edu.

*The Institutional Review Board (IRB) at the University of Southern Maine has approved the use of this survey. The IRB is responsible for protecting the rights and welfare of survey participants.

✓ While the students are taking the survey, teachers should:

- Remain seated at the front of the room once the surveys are passed out, instructions are given, and students have filled in their SCHOOL ID and CLASS ID codes. This is an essential part of preserving students’ **anonymity** and **confidentiality**; if teachers are wandering around the room, the students’ answers and/or privacy may be impacted.

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

- Keep their own copy of the survey so that they do not have to look at a student’s survey in order to answer specific questions about survey content. An extra copy of the survey booklet will be included in each classroom survey packet for this purpose.

Important - Please note:

- A. It is okay to clarify questions regarding grammar and vocabulary not related to the survey content. It is not okay, however, to clarify questions that have to do with specific survey content.

EXAMPLE: A student doesn’t understand a question having to do with marijuana. It may be possible that the student doesn’t recognize the word as it is spelled. It is acceptable for the teacher to read the question aloud for the student. However, it is not acceptable for the teacher to define the word or give an alternate word for it.

A good way to address students’ questions related to survey content is to say, “If you don’t know what it means, leave it blank.”

- B. While the survey can be read aloud by a proctor, the survey should only be administered to students who are able to follow along by themselves. Please contact Pan Atlantic Research with any questions about administering the survey to students with language barriers and/or any other special need(s).
- Fill out the “Classroom Summary Information Form” printed on the front of the classroom survey packet in its entirety. Include the actual number of students who are absent on the day of the survey. This number will be changed later by Pan Atlantic Research should any of the absent students participate in your school’s make-up session. Improving the response rate with make-up sessions boosts the reliability of the results.
- Set aside blank survey booklets for students who are absent during survey administration:
 - Fill in the SCHOOL ID and CLASS ID codes for these students. Set the surveys aside so that the surveys can be taken at a later date.

✓ After the survey administration period, teachers should:

- Pass around the classroom survey packet for students to deposit their survey booklets (5/6 module) or detached answer sheets (MS and HS modules), having the last student seal the classroom survey packet envelope.
- **For MS and HS modules:** In order to keep the return mailing costs and processing time to a minimum, teachers should recycle the survey booklets, having MS and HS students return only their completed detached answer sheets.
- Deliver the completed surveys to the designated safe, confidential collection area (as pre-determined by **YOU**, the MIYHS Coordinator).
- Follow the make-up plan that **YOU** (your school’s MIYHS Coordinator) have put into place to administer the survey to absentee students.

CHECK THIS BOX ONCE STEP 7 HAS BEEN COMPLETED.

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

STEP 8 - Administer the survey.

✓ Prior to your school's administration date, it is important that you:

1. Determine the prominent location in your school where the laminated poster with various hotline numbers will be displayed. Check with the school nurse and guidance office to make sure that non-laminated copies of the poster are displayed in their respective offices as well. Add the locations of the posters to the 'Classroom Script' prior to the document being photocopied and distributed to teachers.

CHECK THIS BOX ONCE STEP 8-1 HAS BEEN COMPLETED.

2. Distribute survey materials to teachers, **including the list of students who won't be participating in the survey** – either due to parental non-consent or parental consent letters returned as undeliverable.

CHECK THIS BOX ONCE STEP 8-2 HAS BEEN COMPLETED.

3. Designate a safe, confidential collection area where all teachers can deposit the sealed classroom survey packet envelopes containing the completed surveys.

CHECK THIS BOX ONCE STEP 8-3 HAS BEEN COMPLETED.

4. Organize a make-up session for students who were absent on the day of survey administration. Communicate the plans of this make-up session with teachers **before** your school's survey administration date so that they know what to do with the extra surveys they have set aside for absentee students.

CHECK THIS BOX ONCE STEP 8-4 HAS BEEN COMPLETED.

✓ **Administer the survey during the survey administration period of February 6th - 17th, 2017.**

✓ It is extremely important to follow up with students who are absent on the original survey administration date:

- **Following up with absentee students is vital to the success of the MIYHS as a whole, as well as to the integrity of your school's individual data set.**
- Each student who was absent on the survey administration date should be given the same survey instrument (with matching school, class, and survey codes [MS and HS only]) that the rest of their class used during the original survey administration. For 5/6, the school and class codes must match; for the MS and HS, the school, class, and survey codes must match, e.g., "MS-A," or "HS-C" must match.
- Provided that the school and class codes have been properly filled in for each survey, all surveys from the make-up session(s) can be bundled together and put into the 'Absentee Survey Envelope' (which will be provided), even if students weren't in the same class originally.
- Schools that provide a make-up session for their absentee students (or that have no absent students during survey administration) will be entered into a raffle to receive \$250 for their school's general fund.

CHECK THIS BOX ONCE ALL OF STEP 8 HAS BEEN COMPLETED.

II. SURVEY ADMINISTRATION STEPS – 5/6, MS & HS MODULES (continued)

STEP 9 - Return completed surveys.

- ✓ Once you have finished administering the make-up session for students who were absent on the original survey administration date, you should put all of the make-up surveys in the “Absentee Survey Envelope.” **DO NOT** alter the information on the “Classroom Summary Information Forms” to account for the fact that the make-up session took place (for example, moving students originally in the “Absentee” row to the “Participating” row) – **Pan Atlantic Research will change the “Classroom Summary Information Forms” accordingly.**
 - ✓ Go through the collected survey materials to ensure that all classroom survey packets are accounted for and that the “Classroom Summary Information Forms” on the front of each classroom survey packet are completed in full. **DO NOT** open the sealed classroom survey packets to make sure that information on the “Classroom Summary Information Form” is correct; simply make sure that the information is completely filled out and that any obvious omissions and/or errors (which can be addressed by the teacher for that classroom) are addressed immediately.
 - ✓ Fill out the “School Packing Form,” being sure to keep a copy for your records. Include a copy of this form in each package you return to Pan Atlantic Research.
 - ✓ As soon as possible after the administration of the make-up survey session, return the completed survey materials. There are two options for returning completed surveys:
 1. Drop off completed surveys at a regional drop-off site (TBD) during the designated return time frame.
 2. Drop off completed surveys at Pan Atlantic Research’s office in Portland:
Attn: MIYHS Survey
Pan Atlantic Research
217 Commercial Street, Suite 303
Portland, ME 04101
- Note:** If neither of the above options is possible, please contact Pan Atlantic Research.
- ✓ Be sure to return your “confirmation of parental consent letter mailing” form to the MCDC as outlined on the document; along with the “Request for participation reimbursement” to Pan Atlantic Research, if needed. See the Appendix for the forms.
- CHECK THIS BOX ONCE STEP 9 HAS BEEN COMPLETED.**

III. IMPORTANCE OF CONSENT, CONFIDENTIALITY, AND ANONYMITY

- ✓ It is vital for everyone involved in the survey administration process to be aware that parents and/or students have the right to choose *not* to participate in the survey (informed consent). This right will be violated if:
 - Parents
 - **Do not receive the parental consent letter.** Thus, it is vital that schools document any parental consent emails/letters that are returned as undeliverable (these students need to be given an alternate activity during survey administration).
 - **Do not receive the parental consent emails/letters in time to opt their child out of participating in the survey.** Thus, it is vital that the parental consent emails/letters are sent out **at least two weeks** prior to each school’s chosen survey administration date.
 - Students
 - **Are not clearly informed that their participation in the MIYHS is voluntary.** Thus, teachers **MUST NOT** try to convince students to take the survey. (While student response rates are important, they can be bolstered in other ways, such as following up with absentee students.)
- ✓ Please be aware that the surveys do not contain skip patterns (e.g., “If you answered ___ to this question, skip ahead to question ___”). This helps protect student confidentiality in that it should take each student approximately the same amount of time to complete the survey, regardless of how they answer the questions.
- ✓ Student anonymity is also extremely important. If students feel that someone may see their answers, they are less likely to answer honestly. Please follow these steps to make sure that student anonymity is protected:
 - Be sure that each teacher administering the survey is properly trained and receives the proper survey administration materials (“Survey Administration Instructions for Teachers” and the “Classroom Script”).
 - Ask teachers not to ‘wander’ around the classroom during the survey administration period.
 - Limit clarification and explanation of questions to pronunciation and to the standard answers given to frequently asked questions. Reassure students that they can leave any questions they don’t understand blank.
 - Have students put their own surveys into the classroom survey packet envelope. Never open this envelope once sealed by the last student to put his/her survey into the envelope.
 - While the survey can be read aloud by a proctor, only administer the survey to students who are able to follow along by themselves. Please contact Pan Atlantic Research with any questions about administering the survey to students with language barriers and/or any other special need(s).

IV. IMPORTANCE OF DATA VALIDITY AND RESPONSE RATES

- ✓ After protecting students' rights, the second most important goal is returning the highest number of valid surveys possible. This happens by following the procedures outlined below:
 - Make sure the survey is administered in the classes specified in the classroom enrollment spreadsheet that you send to Pan Atlantic Research by verifying the MIYHS Classroom Enrollment Confirmation Form(s). You are encouraged to keep to your plan for administering the surveys once you have sent in your classroom enrollment spreadsheet, but if for some reason you need to make a change, please contact Pan Atlantic Research (toll-free 1-844-308-8906) as soon as possible.
 - **Check through all of your survey materials as soon as you receive them.** While Pan Atlantic Research does everything possible to double-check all of the survey materials before they are packed and distributed, mistakes sometimes happen with upwards of 90,000 surveys being packaged. Please contact Pan Atlantic Research **ASAP** if you find any problems with your survey materials so that there is time to address any issues and more survey materials can be sent in the mail if necessary. Unfortunately, solutions to any packing errors will be extremely limited if there isn't enough time for additional survey materials to be sent in the mail.
 - Ensure that students who are absent on the day of the survey are given a later opportunity to participate in the survey. **For many schools, completing this step can make a vast difference in the quality of the data contained in their school report at the conclusion of the project.**
 - Be sure that all teachers have filled out their "Classroom Summary Information Forms" correctly and in full, and that **YOU** complete the "School Packing Form" in its entirety.
 - Deliver the completed surveys (survey booklets for Grade 5/6; detached answer sheets for MS and HS modules) to a designated drop-off point, or deliver/mail them (using a traceable method) to Pan Atlantic Research in a timely manner.

FOR MS AND HS MODULES:

- **At least one week prior to your school's survey administration date**, make sure that the survey code (e.g., MS-A, HS-B) on each student's survey booklet matches the rest of the surveys for that classroom. This code should match the one listed for that classroom on your school's "MIYHS Classroom Enrollment Confirmation Form" and is printed on the "Classroom Summary Information Form" on the front of each classroom survey packet.
- Redistribute surveys, if needed, to account for small enrollment changes. Be sure to match the survey code from the survey booklet to the MIYHS Classroom Enrollment Confirmation Form(s) provided for the MS and HS modules. **IT IS VITAL NOT TO MIX SURVEY CODES DURING THIS PROCESS.** If, for example, one of your classrooms taking MS-B needs extra survey booklets, the additional surveys needed should be taken from the extra survey booklet supply and/or from other classrooms also taking the MS-B version. Please contact Pan Atlantic Research ASAP should you need any extra survey booklets.

DURING THE SURVEY ADMINISTRATION PERIOD, TEACHERS SHOULD:

- Be sure, for the MS and HS modules, that the survey code (e.g., MS-A, HS-B) on each student's survey booklet matches the rest of the surveys for that classroom. This code should match the one listed for that classroom on your school's "MIYHS Classroom Enrollment Confirmation Form" and is printed on the "Classroom Summary Information Form" on the front of each classroom survey packet.

IV. IMPORTANCE OF DATA VALIDITY AND RESPONSE RATES (continued)

- Make sure that students fill in the correct SCHOOL ID and CLASS ID codes. The SCHOOL ID and CLASS ID codes will be listed on the “Classroom Summary Information Form” printed on the front of the classroom survey packets. It is vital that teachers post this information clearly and correctly on the board for students. It is also extremely important that teachers pre-fill the correct SCHOOL ID and CLASS ID codes on the surveys that are to be set aside for absentee students to fill out during the survey make-up session.
- Ensure that students use pencil or blue or black ink to complete the survey. Magic markers of any color as well as red, pink, and orange ink will not be read by the scanners, and will result in unusable surveys.
- Fill out the “Classroom Summary Information Form” correctly.

NOTES ON 2017 MIYHS REPORTS:

- ✓ The 2017 MIYHS data reports (by school, SAU, county, public health district, and state) will be found on the MIYHS website -- <https://data.mainepublichealth.gov/miyhs/>. Please note that the school and SAU reports will be available on the password protected portion of the website. The MIYHS website administrator has created secure user accounts for principals and superintendents and has notified them about their user account information using the email accounts listed on Maine Department of Education’s School System Contact Directories (<http://www.maine.gov/doe/schools/directories.html>). Principals and superintendents are encouraged to share their login information with their respective school and SAU contacts. The MIYHS team will notify principals, superintendents, and MIYHS school coordinators upon the availability of the reports (projected to be by December, 2017). Please contact Reid Plimpton at the Maine Center for Disease Control and Prevention (reid.plimpton@maine.gov or (207) 287-5084) with any data, confidentiality policies, or website questions you may have.
- ✓ **School Reports (password protected):**
 - Schools must have at least 20 participating students (unweighted) in the final data set (within a given survey level).
 - Student response rates within a school must be at least 50%.
- ✓ **SAU/District Reports (password protected):**
 - SAU/District must have at least 20 participating students (unweighted) in the final data set (within a given survey level).
 - The overall response rate (equivalent to the school response rate in the SAU/district multiplied by the average student response rate within the participating school) must be at least 50%.

Everyone involved with the MIYHS project would like to thank you for assistance in helping to administer the 2017 MIYHS in your school. We also are very appreciative of your principal and the teachers and students in your school for supporting this very important project.

With approximately 300 schools, thousands of teachers, and 70,000+ students participating in the survey each year, the MIYHS is a very large project. It is important to us that your experience with the MIYHS is as positive as possible.

We welcome your feedback and/or suggestions for improvements at any time
(miyhs@panatlanticresearch.com or toll-free 1-844-308-8906).

Thank you again for your participation!



2017 MIYHS Coordinator Checklist

Use this checklist to ensure that you have completed the following key tasks:

- STEP 1** - Decide how and when your school will administer the MIYHS during the survey period of February 6th - 17th, 2017.
-
- STEP 2** - Send Pan Atlantic Research a spreadsheet containing enrollment figures for each classroom participating in the MIYHS by November 10, 2016. The spreadsheet should reflect the classroom information for the selected date and time of the survey administration and should include any vocational and/or alternative education students in your school.
-
- STEP 3** - Complete the online training review for MIYHS Coordinators.
-
- STEP 4** - ASAP after receipt of your survey materials, check every classroom survey packet against your school's MIYHS Classroom Enrollment Confirmation Form(s).
- This step must be done at least one week prior to your school's survey administration date. (Note: If your school has a large number of classes, you may find it helpful for each teacher to check his/her own survey materials.)**
- 4-1 - Are there enough surveys in each classroom packet given current enrollment figures?
- 4-2 - **For MS and HS modules:** For each classroom packet, do all the survey booklets have the same SURVEY CODE on them (MS-A, HS-B, etc.) and does this code match the one listed on the "Classroom Summary Information Form?"
- 4-3 - **For 5th grade height/weight screenings:** Does each classroom packet contain enough survey booklets and blank outer envelopes for one (1) per student?
-
- STEP 5** - Work with your principal/main office to make sure that the requisite parental consent letters have been emailed at least two weeks (but not more than six weeks) prior to your scheduled survey administration date.
-
- STEP 6** - Work with your school nurse to make sure s/he is trained on how to conduct height/weight screenings, and that s/he gathers the measurements for the 5th grade students in your school BEFORE the written survey administration date.
-
- STEP 7** - Train the teachers in your school on how to administer the survey.
-
- STEP 8** - Administer the survey.
- 8-1 - Determine the prominent location in your school where the laminated poster with various hotline numbers will be displayed. Check with the school nurse and guidance office to make sure that non-laminated copies of the poster are displayed in their respective offices as well. Add the locations of the posters to the 'Classroom Script' prior to the document being photocopied and distributed to teachers.
- 8-2 - Distribute survey materials to teachers, **including the list of students who won't be participating in the survey** – either due to parental non-consent or parental consent letters returned as undeliverable.
- 8-3 - Designate a safe, confidential collection area where all teachers can deposit the sealed classroom survey packet envelopes containing the completed surveys.
- 8-4 - Organize a make-up session for students who were absent on the day of survey administration.
- Communicate the plans of this make-up session with teachers **before** your school's survey administration date so that they know what to do with the extra surveys they have set aside for absentee students.
-
- STEP 9** - Return completed surveys.

Parent/Guardian Consent Letter Delivery Process

(Consent emails/letters to be sent to parents/guardians at least two weeks, but not more than six weeks, prior to your school's survey date)

**2017 Delivery Method:
Electronic Delivery (Email) +
U.S. Mail Delivery as needed**

**Standard Delivery
Method:
U.S. Mail Delivery**

Step 1: Compile home email addresses for all families.

1B: Start a list of all students unable to receive electronic letter (no contact listed, undeliverable, etc.)

Step 2: Insert School logo/letterhead into **Standard MIYHS Electronic Parental Consent Letter** which will be sent to participating principals via email.

Step 3: Send Electronic Version to all applicable families

3B: Update list from **1B** to include undeliverable messages

Step 4: Insert school letterhead into **Standard MIYHS Parental Consent Letter**

4B: Using the list from **1B** & **3B**, send Consent Letters through U.S. Mail to families who did not receive the electronic version

Step 5: Fill out "Confirmation of Parental Consent Letter Mailing" and send to MIYHS staff

5B: Fill out "Request for Participation Reimbursement Form" to receive a full reimbursement for the cost of postage for your USPS mailings

Step 1: Compile home addresses for all families of the students eligible to be surveyed

Step 2: Insert School Letterhead into **Standard MIYHS Parental Consent Letter**

Step 3: Send Parental Consent Letters out via U.S. Mail to students and families

Step 4: Fill out "Confirmation of Parental Consent Letter Mailing" and send to MIYHS staff

4B: Fill out "Request for Participation Reimbursement Form" to receive a full reimbursement for the cost of postage for your USPS Mailings



Maine Department of Health and Human Services
Maine Department of Education

Principal Confirmation of Parental Consent Letter Mailing Form

Thank you for agreeing to participate in the 2017 Maine Integrated Youth Health Survey (MIYHS). This form is necessary to ensure both the consent and safety of the participants and the use of your schools data. **If you have not yet sent the informed consent letter out to all parents/guardians, do not complete this form.** Please note the following with regard to the parental consent letters (grades 5 – 12):

- They must be distributed **at least two weeks, but no more than six weeks, prior** to the survey administration date. The parental consent letter has been translated into select languages and these versions are available upon request. The survey questions, which will be emailed to you, should be kept on file for parental review.
- The delivery must follow the protocol outlined in the consent section of the 2017 Informational packet or the 2017 Administration Handbook (please refer to the “Consent Letter Delivery Options). If your school has an electronic mailing system that can be tracked; that may be used for the first delivery of letters. **However, any student who doesn’t have access to the electronic method, or has an “undeliverable return” must receive the consent letter via US Postal Service.** Also, the parental consent letter may be included in mass mailings, such as with report cards provided that the mailing is within the 2 to 6 week timeframe prior to your school’s selected administration date. A school must keep track of the number of students who received the letter via USPS, and be able to ensure that all students and guardians have received the consent letter.

It is **vital** that someone in your school (for example, your MIYHS Coordinator or someone in the main office) creates a list of students who won’t be participating in the survey – either due to parental non-consent or parental consent letters returned as undeliverable. **As these students will not be able to participate in the survey, they should be given an alternate activity during the survey administration period.**

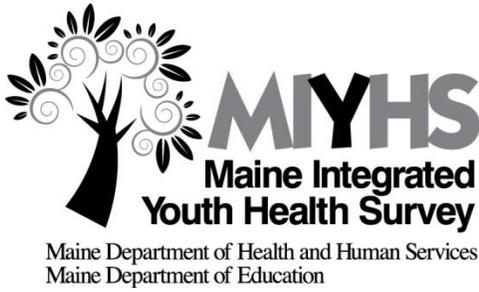
Once your school has delivered the parental consent letters, please sign below and return this form with a copy of the letter on school letterhead to us via fax at (207) 287-4631, or via email to: reid.plimpton@maine.gov or via mail to: Reid Plimpton, Division of Disease Prevention, 4th floor, 286 Water Street Augusta ME 04330. When the form has been received, an email will be sent to the MIYHS coordinator of your school giving approval to administer the survey. If this approval is not sent, your school’s data will be removed from the analysis as specified in the informed consent protocol.

“I verify that the Parental Consent Letter for the 2017 Maine Integrated Youth Health Survey was sent via electronic delivery or U.S. Mail to the parents or guardians of the eligible students (grades 5 – 12) in my school on _____ Date

“I (Principal) intend to have the MIYHS training review completed on _____ by _____ (MIYHS Coordinator)

Signed: _____ Today’s Date: _____
Principal

Printed name: _____



Request for Postage Reimbursement Form

Thank you for agreeing to participate in the 2017 Maine Integrated Youth Health Survey (MIYHS). This form is for schools who used hard copy mailing (either USPS, or school mass mailing) to deliver the informed consent letters to some/all students and their guardians. **If you used only electronic delivery for the consent letters, this form does not need to be included in the completed survey materials.**

Please Note the Following:

1. Schools will be offered a full **participation reimbursement** (consisting of postage reimbursement for the number of hard copy letters sent out) to help offset the expenses incurred with this mailing. The funds will be released to schools once the following documents have been received by Pan Atlantic Research:
 - This form, completed in full
 - A sample copy of the parental consent letter on school letterhead
 - Proof of completion of the online training review (to be completed by your school's designated MIYHS Coordinator)
 - Your school's completed survey materials (all classroom envelopes, each with a completed 'Classroom Summary Information Form'; absentee surveys, unless there were no students absent on the survey administration day; and the 'School Packing Form' completed in full).

Please sign below and return this form to us via toll-free fax at **1-866-422-0072**, or via mail to Pan Atlantic Research, 217 Commercial St. Suite 303 Portland, ME 04101.

Participation Reimbursement Information:

Number of Letters Sent*: _____

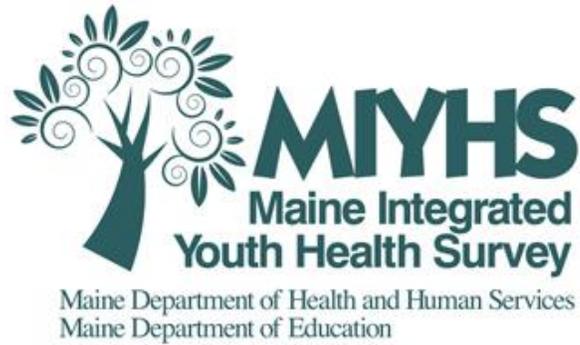
Check made payable to: _____

** Note: While we welcome 'volunteer' schools (those not chosen as part of the 2017 5/6 sample of schools) to participate in the 5/6 module, per earlier communications (including the Administration Handbook for MIYHS Coordinators), 'volunteer' 5/6 students cannot be counted toward the participation reimbursement.*

Send check to:

Address

Questions? Contact Pan Atlantic Research at miyhs@panatlanticresearch.com or 1-844-308-8906
Thank you for your participation!



APPENDIX C: DATA EDITING PROTOCOL

APPENDIX C – Data Editing Protocol

I. Data Edits

Editing consisted of checking responses for range, height/weight plausibility, and logical consistency. Data deemed invalid were set to missing.

1. Single Question Edits

- If the response to a question did not correspond to one of the possible responses, the response for that question was invalid and was set to missing. For example, this type of edit would occur if the response options for a question are “A” or “B” and the response recorded was “C”, “D”, “E”, “F”, “G”, or “H”.
- If more than one response was selected for a question, the response for that question was considered to be invalid and was set to missing. The one exception to this was the race question, which could have multiple responses.

2. Height, Weight, and Body Mass Index (BMI) Edits

The following discussion applies only to survey modules that asked height and weight.

a. Height/Weight Edits:

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

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

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

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

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

- If any weight-related column was left blank or was unreadable, all columns were set to missing and *Weight* was set to missing.

APPENDIX C – Data Editing Protocol

- If *Height* was missing or set to missing, then *Weight* was set to missing.

b. BMI Edits:

BMI was calculated using *Height* and *Weight* in the following formula:

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

- If *Height* or *Weight* were missing, BMI was set to missing
- If age or sex was missing, *Height*, *Weight*, and BMI were set to missing because the biologically implausible limits (see Section 2c) were based on age and sex.

c. Biologically Implausible Value Edits:

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

Age	Males	Females
≤ 10	Weight: 13.61-90.72 kg Height: 0.94-1.68 m BMI: 11.5 –41	Weight: 13.61-90.72 kg Height: 0.94-1.73 m BMI: 11-40
11-12	Weight: 20.41-136.08 kg Height: 1.02-1.83 m BMI: 11.5-41	Weight: 15.88-136.08 kg Height: 1.02-1.83 m BMI: 11-40
13-14	Weight: 27.22-181.44 kg Height: 1.27-1.98 m BMI: 13-55	Weight: 27.22-181.44 kg Height: 1.27-1.98 m BMI: 13-55
≥ 15	Weight: 31.75-181.44 kg Height: 1.27-2.11 m BMI: 13-55	Weight: 27.22-181.44 kg Height: 1.27-1.98 m BMI: 13-55

3. Logical Consistency Edits

The majority of the edit criteria compare two questions at a time to ensure logical consistency. If responses from two questions conflicted logically, both questions were set to blank. (Exception – data from demographic questions were not set to missing in this case.) A list of these edits can be made available on request.

APPENDIX C – Data Editing Protocol

4. Subversion of Records

Records were marked “subverted” under the following conditions:

When there were more than 50 total questions on a module and if a **student provided 20 or fewer valid answers** or answered with b, c, d, e, f, g, or h 15 or more times in a row, the case was removed from analysis.

When there are 50 or fewer total questions on a module and if a **student provided 15 or fewer valid answers** or answered with b, c, d, e, f, g, or h 12 or more times in a row, the case was removed from analysis.

Subverting records eliminates records that are judged too incomplete overall to be valid for analysis.



APPENDIX D: RESPONSE RATES

Appendix D – Response Rates

K/3 Response Rate – State Level

	Schools in the Sample	Participating Schools	Parents of Students Enrolled in Participating Schools	Participating Parents	School Response Rate	Parent Response Rate	Overall Response Rate
State	24	22	1827	928	91.7%	50.8%	46.6%

5/6 Response Rate (without volunteer schools) – State Level

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	130	76	5288	4758	58.5%	90.0%	52.6%

5/6 Response Rates (without volunteer schools) – Public Health District Level

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	11	6	741	637	54.5%	86.0%	46.9%
Cumberland	9	7	815	746	77.8%	91.5%	71.2%
Western Maine	17	11	904	803	64.7%	88.8%	57.5%
Mid-Coast	15	8	659	616	53.3%	93.5%	49.9%
Central Maine	14	8	518	451	57.1%	87.1%	49.8%
Penquis	12	7	630	563	58.3%	89.4%	52.1%
Downeast	31	18	595	548	58.1%	92.1%	53.5%
Aroostook	21	11	426	394	52.4%	92.5%	48.4%

Middle School Response Rates – State Level

MS-ABCD (All versions)

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	193	143	21547	18706	74.1%	86.8%	64.3%

Appendix D – Response Rates

Middle School Response Rates – State Level (cont.)

Version MS-A

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	99	74	5502	4871	74.7%	88.5%	66.2%

Version MS-B

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	94	69	5312	4560	73.4%	85.8%	63.0%

Version MS-C

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	99	74	5479	4772	74.7%	87.1%	65.1%

Version MS-D

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	94	69	5254	4503	73.4%	85.7%	62.9%

MS-AB Combination

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	193	143	10814	9431	74.1%	87.2%	64.6%

Appendix D – Response Rates

Middle School Response Rates – State Level (cont.)

MS-CD Combination

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	193	143	10733	9275	74.1%	86.4%	64.0%

Middle School Response Rates – Public Health District Level

MS-ABCD (All versions)

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	15	12	3115	2694	80.0%	86.5%	69.2%
Cumberland	19	17	5383	4858	89.5%	90.2%	80.7%
Western Maine	21	17	3616	3120	81.0%	86.3%	69.8%
Mid-Coast	25	19	2246	1952	76.0%	86.9%	66.1%
Central Maine	24	21	3286	2771	87.5%	84.3%	73.8%
Penquis	30	22	2108	1766	73.3%	83.8%	61.4%
Downeast	44	25	1113	970	56.8%	87.2%	49.5%
Aroostook	15	10	680	575	66.7%	84.6%	56.4%

Version MS-A

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	8	7	832	759	87.5%	91.2%	79.8%
Cumberland	10	9	1436	1315	90.0%	91.6%	82.4%
Western Maine	11	9	1021	887	81.8%	86.9%	71.1%
Mid-Coast	13	8	412	365	61.5%	88.6%	54.5%
Central Maine	12	11	747	658	91.7%	88.1%	80.7%
Penquis	15	11	528	456	73.3%	86.4%	63.3%
Downeast	22	14	334	276	63.6%	82.6%	52.6%
Aroostook	8	5	192	155	62.5%	80.7%	50.5%

Appendix D – Response Rates

Middle School Response Rates – Public Health District Level (cont.)

Version MS-B

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	7	5	674	563	71.4%	83.5%	59.7%
Cumberland	9	8	1255	1153	88.9%	91.9%	81.7%
Western Maine	10	8	762	649	80.0%	85.2%	68.1%
Mid-Coast	12	11	719	614	91.7%	85.4%	78.3%
Central Maine	12	10	934	772	83.3%	82.7%	68.9%
Penquis	15	11	564	446	73.3%	79.1%	58.0%
Downeast	22	11	230	211	50.0%	91.7%	45.9%
Aroostook	7	5	174	152	71.4%	87.4%	62.4%

Version MS-C

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	8	7	875	780	87.5%	89.1%	78.0%
Cumberland	10	9	1438	1262	90.0%	87.8%	79.0%
Western Maine	11	9	1025	892	81.8%	87.0%	71.2%
Mid-Coast	13	8	394	349	61.5%	88.6%	54.5%
Central Maine	12	11	700	612	91.7%	87.4%	80.1%
Penquis	15	11	535	432	73.3%	80.7%	59.2%
Downeast	22	14	319	279	63.6%	87.5%	55.7%
Aroostook	8	5	193	166	62.5%	86.0%	53.8%

Appendix D – Response Rates

Middle School Response Rates – Public Health District Level (cont.)

Version MS-D

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	7	5	734	592	71.4%	80.7%	57.6%
Cumberland	9	8	1254	1128	88.9%	90.0%	80.0%
Western Maine	10	8	808	692	80.0%	85.6%	68.5%
Mid-Coast	12	11	721	624	91.7%	86.5%	79.3%
Central Maine	12	10	905	729	83.3%	80.6%	67.1%
Penquis	15	11	481	432	73.3%	89.8%	65.9%
Downeast	22	11	230	204	50.0%	88.7%	44.3%
Aroostook	7	5	121	102	71.4%	84.3%	60.2%

MS-AB Combination

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	15	12	1506	1322	80.0%	87.8%	70.2%
Cumberland	19	17	2691	2468	89.5%	91.7%	82.1%
Western Maine	21	17	1783	1536	81.0%	86.1%	69.7%
Mid-Coast	25	19	1131	979	76.0%	86.6%	65.8%
Central Maine	24	21	1681	1430	87.5%	85.1%	74.4%
Penquis	30	22	1092	902	73.3%	82.6%	60.6%
Downeast	44	25	564	487	56.8%	86.3%	49.1%
Aroostook	15	10	366	307	66.7%	83.9%	55.9%

Appendix D – Response Rates

Middle School Response Rates – Public Health District Level (cont.)

MS-CD Combination

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	15	12	1609	1372	80.0%	85.3%	68.2%
Cumberland	19	17	2692	2390	89.5%	88.8%	79.4%
Western Maine	21	17	1833	1584	81.0%	86.4%	70.0%
Mid-Coast	25	19	1115	973	76.0%	87.3%	66.3%
Central Maine	24	21	1605	1341	87.5%	83.6%	73.1%
Penquis	30	22	1016	864	73.3%	85.0%	62.4%
Downeast	44	25	549	483	56.8%	88.0%	50.0%
Aroostook	15	10	314	268	66.7%	85.4%	56.9%

Appendix D – Response Rates

Middle School Response Rates – County Level

MS-ABCD (All versions)

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	7	6	2012	1745	85.7%	86.7%	74.3%
Aroostook	15	10	680	575	66.7%	84.6%	56.4%
Cumberland	19	17	5383	4858	89.5%	90.2%	80.7%
Franklin	7	6	613	504	85.7%	82.2%	70.5%
Hancock	22	12	767	657	54.5%	85.7%	46.7%
Kennebec	13	12	2087	1781	92.3%	85.3%	78.8%
Knox	6	3	502	445	50.0%	88.6%	44.3%
Lincoln	8	7	408	364	87.5%	89.2%	78.1%
Oxford	7	5	991	871	71.4%	87.9%	62.8%
Penobscot	26	18	1729	1459	69.2%	84.4%	58.4%
Piscataquis	4	4	379	307	100.0%	81.0%	81.0%
Sagadahoc	4	4	746	663	100.0%	88.9%	88.9%
Somerset	11	9	1199	990	81.8%	82.6%	67.6%
Waldo	7	5	590	480	71.4%	81.4%	58.1%
Washington	22	13	346	313	59.1%	90.5%	53.5%
York	15	12	3115	2694	80.0%	86.5%	69.2%

Appendix D – Response Rates

Middle School Response Rates – County Level (cont.)

Version MS-A

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	4	3	449	401	75.0%	89.3%	67.0%
Aroostook	8	5	192	155	62.5%	80.7%	50.5%
Cumberland	10	9	1436	1315	90.0%	91.6%	82.4%
Franklin	3	3	193	159	100.0%	82.4%	82.4%
Hancock	11	7	231	186	63.6%	80.5%	51.2%
Kennebec	6	6	500	433	100.0%	86.6%	86.6%
Knox	3	0	0	.	0.0%	.	.
Lincoln	4	3	85	74	75.0%	87.1%	65.3%
Oxford	4	3	379	327	75.0%	86.3%	64.7%
Penobscot	13	9	464	407	69.2%	87.7%	60.7%
Piscataquis	2	2	64	49	100.0%	76.6%	76.6%
Sagadahoc	2	2	166	151	100.0%	91.0%	91.0%
Somerset	6	5	247	225	83.3%	91.1%	75.9%
Waldo	4	3	161	140	75.0%	87.0%	65.2%
Washington	11	7	103	90	63.6%	87.4%	55.6%
York	8	7	832	759	87.5%	91.2%	79.8%

Appendix D – Response Rates

Middle School Response Rates – County Level (cont.)

Version MS-B

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	3	3	551	465	100.0%	84.4%	84.4%
Aroostook	7	5	174	152	71.4%	87.4%	62.4%
Cumberland	9	8	1255	1153	88.9%	91.9%	81.7%
Franklin	4	3	98	79	75.0%	80.6%	60.5%
Hancock	11	5	156	142	45.5%	91.0%	41.4%
Kennebec	7	6	512	437	85.7%	85.4%	73.2%
Knox	3	3	246	212	100.0%	86.2%	86.2%
Lincoln	4	4	137	124	100.0%	90.5%	90.5%
Oxford	3	2	113	105	66.7%	92.9%	61.9%
Penobscot	13	9	434	344	69.2%	79.3%	54.9%
Piscataquis	2	2	130	102	100.0%	78.5%	78.5%
Sagadahoc	2	2	237	205	100.0%	86.5%	86.5%
Somerset	5	4	422	335	80.0%	79.4%	63.5%
Waldo	3	2	99	73	66.7%	73.7%	49.2%
Washington	11	6	74	69	54.5%	93.2%	50.9%
York	7	5	674	563	71.4%	83.5%	59.7%

Appendix D – Response Rates

Middle School Response Rates – County Level (cont.)

Version MS-C

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	4	3	437	390	75.0%	89.2%	66.9%
Aroostook	8	5	193	166	62.5%	86.0%	53.8%
Cumberland	10	9	1438	1262	90.0%	87.8%	79.0%
Franklin	3	3	195	155	100.0%	79.5%	79.5%
Hancock	11	7	235	202	63.6%	86.0%	54.7%
Kennebec	6	6	566	489	100.0%	86.4%	86.4%
Knox	3	0	0	.	0.0%	.	.
Lincoln	4	3	75	69	75.0%	92.0%	69.0%
Oxford	4	3	393	347	75.0%	88.3%	66.2%
Penobscot	13	9	464	375	69.2%	80.8%	56.0%
Piscataquis	2	2	71	57	100.0%	80.3%	80.3%
Sagadahoc	2	2	133	122	100.0%	91.7%	91.7%
Somerset	6	5	134	123	83.3%	91.8%	76.5%
Waldo	4	3	186	158	75.0%	84.9%	63.7%
Washington	11	7	84	77	63.6%	91.7%	58.3%
York	8	7	875	780	87.5%	89.1%	78.0%

Appendix D – Response Rates

Middle School Response Rates – County Level (cont.)

Version MS-D

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	3	3	575	489	100.0%	85.0%	85.0%
Aroostook	7	5	121	102	71.4%	84.3%	60.2%
Cumberland	9	8	1254	1128	88.9%	90.0%	80.0%
Franklin	4	3	127	111	75.0%	87.4%	65.6%
Hancock	11	5	145	127	45.5%	87.6%	39.8%
Kennebec	7	6	509	422	85.7%	82.9%	71.1%
Knox	3	3	256	233	100.0%	91.0%	91.0%
Lincoln	4	4	111	97	100.0%	87.4%	87.4%
Oxford	3	2	106	92	66.7%	86.8%	57.9%
Penobscot	13	9	367	333	69.2%	90.7%	62.8%
Piscataquis	2	2	114	99	100.0%	86.8%	86.8%
Sagadahoc	2	2	210	185	100.0%	88.1%	88.1%
Somerset	5	4	396	307	80.0%	77.5%	62.0%
Waldo	3	2	144	109	66.7%	75.7%	50.5%
Washington	11	6	85	77	54.5%	90.6%	49.4%
York	7	5	734	592	71.4%	80.7%	57.6%

Appendix D – Response Rates

Middle School Response Rates – County Level (cont.)

MS-AB Combination

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	7	6	1000	866	85.7%	86.6%	74.2%
Aroostook	15	10	366	307	66.7%	83.9%	55.9%
Cumberland	19	17	2691	2468	89.5%	91.7%	82.1%
Franklin	7	6	291	238	85.7%	81.8%	70.1%
Hancock	22	12	387	328	54.5%	84.8%	46.2%
Kennebec	13	12	1012	870	92.3%	86.0%	79.4%
Knox	6	3	246	212	50.0%	86.2%	43.1%
Lincoln	8	7	222	198	87.5%	89.2%	78.0%
Oxford	7	5	492	432	71.4%	87.8%	62.7%
Penobscot	26	18	898	751	69.2%	83.6%	57.9%
Piscataquis	4	4	194	151	100.0%	77.8%	77.8%
Sagadahoc	4	4	403	356	100.0%	88.3%	88.3%
Somerset	11	9	669	560	81.8%	83.7%	68.5%
Waldo	7	5	260	213	71.4%	81.9%	58.5%
Washington	22	13	177	159	59.1%	89.8%	53.1%
York	15	12	1506	1322	80.0%	87.8%	70.2%

Appendix D – Response Rates

Middle School Response Rates – County Level (cont.)

MS-CD Combination

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	7	6	1012	879	85.7%	86.9%	74.4%
Aroostook	15	10	314	268	66.7%	85.4%	56.9%
Cumberland	19	17	2692	2390	89.5%	88.8%	79.4%
Franklin	7	6	322	266	85.7%	82.6%	70.8%
Hancock	22	12	380	329	54.5%	86.6%	47.2%
Kennebec	13	12	1075	911	92.3%	84.7%	78.2%
Knox	6	3	256	233	50.0%	91.0%	45.5%
Lincoln	8	7	186	166	87.5%	89.2%	78.1%
Oxford	7	5	499	439	71.4%	88.0%	62.8%
Penobscot	26	18	831	708	69.2%	85.2%	59.0%
Piscataquis	4	4	185	156	100.0%	84.3%	84.3%
Sagadahoc	4	4	343	307	100.0%	89.5%	89.5%
Somerset	11	9	530	430	81.8%	81.1%	66.4%
Waldo	7	5	330	267	71.4%	80.9%	57.8%
Washington	22	13	169	154	59.1%	91.1%	53.8%
York	15	12	1609	1372	80.0%	85.3%	68.2%

Appendix D – Response Rates

High School Response Rates – State Level

HS-ABCD (All versions)

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	131	109	47018	35819	83.2%	76.2%	63.4%

Version HS-A

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	65	54	12631	9495	83.1%	75.2%	62.5%

Version HS-B

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	66	55	10952	8503	83.3%	77.6%	64.7%

Version HS-C

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	65	54	12696	9636	83.1%	75.9%	63.1%

Version HS-D

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	66	55	10739	8185	83.3%	76.2%	63.5%

HS-AB Combination

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	131	109	23583	17998	83.2%	76.3%	63.5%

Appendix D – Response Rates

High School Response Rates – State Level (cont.)

HS-CD Combination

	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
State	131	109	23435	17821	83.2%	76.0%	63.3%

High School Response Rates – Public Health District Level

HS-ABCD (All versions)

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	11	11	7647	5835	100.0%	76.3%	76.3%
Cumberland	19	16	11171	8554	84.2%	76.6%	64.5%
Western Maine	17	16	7795	5765	94.1%	74.0%	69.6%
Mid-Coast	15	11	4611	3358	73.3%	72.8%	53.4%
Central Maine	18	16	6217	4869	88.9%	78.3%	69.6%
Penquis	20	16	5432	4195	80.0%	77.2%	61.8%
Downeast	15	13	2784	2166	86.7%	77.8%	67.4%
Aroostook	16	10	1361	1077	62.5%	79.1%	49.5%

Version HS-A

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	6	6	2410	1819	100.0%	75.5%	75.5%
Cumberland	9	7	2697	1991	77.8%	73.8%	57.4%
Western Maine	9	8	1918	1402	88.9%	73.1%	65.0%
Mid-Coast	7	5	872	638	71.4%	73.2%	52.3%
Central Maine	9	8	1886	1462	88.9%	77.5%	68.9%
Penquis	10	9	1616	1219	90.0%	75.4%	67.9%
Downeast	7	6	875	667	85.7%	76.2%	65.3%
Aroostook	8	5	357	297	62.5%	83.2%	52.0%

Appendix D – Response Rates

High School Response Rates – Public Health District Level (cont.)

Version HS-B

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	5	5	1375	1120	100.0%	81.5%	81.5%
Cumberland	10	9	2923	2305	90.0%	78.9%	71.0%
Western Maine	8	8	1955	1464	100.0%	74.9%	74.9%
Mid-Coast	8	6	1410	1049	75.0%	74.4%	55.8%
Central Maine	9	8	1310	996	88.9%	76.0%	67.6%
Penquis	10	7	1112	893	70.0%	80.3%	56.2%
Downeast	8	7	539	427	87.5%	79.2%	69.3%
Aroostook	8	5	328	249	62.5%	75.9%	47.4%

Version HS-C

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	6	6	2465	1790	100.0%	72.6%	72.6%
Cumberland	9	7	2667	2004	77.8%	75.1%	58.4%
Western Maine	9	8	1969	1468	88.9%	74.6%	66.3%
Mid-Coast	7	5	979	686	71.4%	70.1%	50.1%
Central Maine	9	8	1781	1456	88.9%	81.8%	72.7%
Penquis	10	9	1616	1239	90.0%	76.7%	69.0%
Downeast	7	6	858	683	85.7%	79.6%	68.2%
Aroostook	8	5	361	310	62.5%	85.9%	53.7%

Appendix D – Response Rates

High School Response Rates – Public Health District Level (cont.)

Version HS-D

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	5	5	1397	1106	100.0%	79.2%	79.2%
Cumberland	10	9	2884	2254	90.0%	78.2%	70.3%
Western Maine	8	8	1953	1431	100.0%	73.3%	73.3%
Mid-Coast	8	6	1350	985	75.0%	73.0%	54.7%
Central Maine	9	8	1240	955	88.9%	77.0%	68.5%
Penquis	10	7	1088	844	70.0%	77.6%	54.3%
Downeast	8	7	512	389	87.5%	76.0%	66.5%
Aroostook	8	5	315	221	62.5%	70.2%	43.8%

HS-AB Combination

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	11	11	3785	2939	100.0%	77.6%	77.6%
Cumberland	19	16	5620	4296	84.2%	76.4%	64.4%
Western Maine	17	16	3873	2866	94.1%	74.0%	69.6%
Mid-Coast	15	11	2282	1687	73.3%	73.9%	54.2%
Central Maine	18	16	3196	2458	88.9%	76.9%	68.4%
Penquis	20	16	2728	2112	80.0%	77.4%	61.9%
Downeast	15	13	1414	1094	86.7%	77.4%	67.1%
Aroostook	16	10	685	546	62.5%	79.7%	49.8%

Appendix D – Response Rates

High School Response Rates – Public Health District Level (cont.)

HS-CD Combination

Public Health District	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
York	11	11	3862	2896	100.0%	75.0%	75.0%
Cumberland	19	16	5551	4258	84.2%	76.7%	64.6%
Western Maine	17	16	3922	2899	94.1%	73.9%	69.6%
Mid-Coast	15	11	2329	1671	73.3%	71.7%	52.6%
Central Maine	18	16	3021	2411	88.9%	79.8%	70.9%
Penquis	20	16	2704	2083	80.0%	77.0%	61.6%
Downeast	15	13	1370	1072	86.7%	78.2%	67.8%
Aroostook	16	10	676	531	62.5%	78.6%	49.1%

High School Response Rates – County Level

HS-ABCD (All versions)

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	6	5	3635	2568	83.3%	70.6%	58.9%
Aroostook	16	10	1361	1077	62.5%	79.1%	49.5%
Cumberland	19	16	11171	8554	84.2%	76.6%	64.5%
Franklin	4	4	1355	1010	100.0%	74.5%	74.5%
Hancock	7	6	1662	1288	85.7%	77.5%	66.4%
Kennebec	10	9	3934	3056	90.0%	77.7%	69.9%
Knox	4	2	1175	847	50.0%	72.1%	36.0%
Lincoln	4	4	1437	1053	100.0%	73.3%	73.3%
Oxford	7	7	2805	2187	100.0%	78.0%	78.0%
Penobscot	16	13	4996	3846	81.3%	77.0%	62.5%
Piscataquis	4	3	436	349	75.0%	80.0%	60.0%
Sagadahoc	3	3	1438	1047	100.0%	72.8%	72.8%
Somerset	8	7	2283	1813	87.5%	79.4%	69.5%
Waldo	4	2	561	411	50.0%	73.3%	36.6%
Washington	8	7	1122	878	87.5%	78.3%	68.5%
York	11	11	7647	5835	100.0%	76.3%	76.3%

Appendix D – Response Rates

High School Response Rates – County Level (cont.)

Version HS-A

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	3	2	634	419	66.7%	66.1%	44.1%
Aroostook	8	5	357	297	62.5%	83.2%	52.0%
Cumberland	9	7	2697	1991	77.8%	73.8%	57.4%
Franklin	2	2	344	232	100.0%	67.4%	67.4%
Hancock	3	2	435	323	66.7%	74.3%	49.5%
Kennebec	5	5	1269	983	100.0%	77.5%	77.5%
Knox	2	1	203	139	50.0%	68.5%	34.2%
Lincoln	2	2	174	119	100.0%	68.4%	68.4%
Oxford	4	4	940	751	100.0%	79.9%	79.9%
Penobscot	8	7	1476	1118	87.5%	75.7%	66.3%
Piscataquis	2	2	140	101	100.0%	72.1%	72.1%
Sagadahoc	1	1	299	237	100.0%	79.3%	79.3%
Somerset	4	3	617	479	75.0%	77.6%	58.2%
Waldo	2	1	196	143	50.0%	73.0%	36.5%
Washington	4	4	440	344	100.0%	78.2%	78.2%
York	6	6	2410	1819	100.0%	75.5%	75.5%

Appendix D – Response Rates

High School Response Rates – County Level (cont.)

Version HS-B

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	3	3	1114	817	100.0%	73.3%	73.3%
Aroostook	8	5	328	249	62.5%	75.9%	47.4%
Cumberland	10	9	2923	2305	90.0%	78.9%	71.0%
Franklin	2	2	351	267	100.0%	76.1%	76.1%
Hancock	4	4	414	330	100.0%	79.7%	79.7%
Kennebec	5	4	718	547	80.0%	76.2%	60.9%
Knox	2	1	332	264	50.0%	79.5%	39.8%
Lincoln	2	2	558	410	100.0%	73.5%	73.5%
Oxford	3	3	490	380	100.0%	77.6%	77.6%
Penobscot	8	6	1048	835	75.0%	79.7%	59.8%
Piscataquis	2	1	64	58	50.0%	90.6%	45.3%
Sagadahoc	2	2	442	304	100.0%	68.8%	68.8%
Somerset	4	4	592	449	100.0%	75.8%	75.8%
Waldo	2	1	78	71	50.0%	91.0%	45.5%
Washington	4	3	125	97	75.0%	77.6%	58.2%
York	5	5	1375	1120	100.0%	81.5%	81.5%

Appendix D – Response Rates

High School Response Rates – County Level (cont.)

Version HS-C

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	3	2	716	508	66.7%	70.9%	47.3%
Aroostook	8	5	361	310	62.5%	85.9%	53.7%
Cumberland	9	7	2667	2004	77.8%	75.1%	58.4%
Franklin	2	2	370	293	100.0%	79.2%	79.2%
Hancock	3	2	408	326	66.7%	79.9%	53.3%
Kennebec	5	5	1236	996	100.0%	80.6%	80.6%
Knox	2	1	317	200	50.0%	63.1%	31.5%
Lincoln	2	2	177	130	100.0%	73.4%	73.4%
Oxford	4	4	883	667	100.0%	75.5%	75.5%
Penobscot	8	7	1450	1113	87.5%	76.8%	67.2%
Piscataquis	2	2	166	126	100.0%	75.9%	75.9%
Sagadahoc	1	1	290	214	100.0%	73.8%	73.8%
Somerset	4	3	545	460	75.0%	84.4%	63.3%
Waldo	2	1	195	142	50.0%	72.8%	36.4%
Washington	4	4	450	357	100.0%	79.3%	79.3%
York	6	6	2465	1790	100.0%	72.6%	72.6%

Appendix D – Response Rates

High School Response Rates – County Level (cont.)

Version HS-D

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	3	3	1171	824	100.0%	70.4%	70.4%
Aroostook	8	5	315	221	62.5%	70.2%	43.8%
Cumberland	10	9	2884	2254	90.0%	78.2%	70.3%
Franklin	2	2	290	218	100.0%	75.2%	75.2%
Hancock	4	4	405	309	100.0%	76.3%	76.3%
Kennebec	5	4	711	530	80.0%	74.5%	59.6%
Knox	2	1	323	244	50.0%	75.5%	37.8%
Lincoln	2	2	528	394	100.0%	74.6%	74.6%
Oxford	3	3	492	389	100.0%	79.1%	79.1%
Penobscot	8	6	1022	780	75.0%	76.3%	57.2%
Piscataquis	2	1	66	64	50.0%	97.0%	48.5%
Sagadahoc	2	2	407	292	100.0%	71.7%	71.7%
Somerset	4	4	529	425	100.0%	80.3%	80.3%
Waldo	2	1	92	55	50.0%	59.8%	29.9%
Washington	4	3	107	80	75.0%	74.8%	56.1%
York	5	5	1397	1106	100.0%	79.2%	79.2%

Appendix D – Response Rates

High School Response Rates – County Level (cont.)

HS-AB Combination

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	6	5	1748	1236	83.3%	70.7%	58.9%
Aroostook	16	10	685	546	62.5%	79.7%	49.8%
Cumberland	19	16	5620	4296	84.2%	76.4%	64.4%
Franklin	4	4	695	499	100.0%	71.8%	71.8%
Hancock	7	6	849	653	85.7%	76.9%	65.9%
Kennebec	10	9	1987	1530	90.0%	77.0%	69.3%
Knox	4	2	535	403	50.0%	75.3%	37.7%
Lincoln	4	4	732	529	100.0%	72.3%	72.3%
Oxford	7	7	1430	1131	100.0%	79.1%	79.1%
Penobscot	16	13	2524	1953	81.3%	77.4%	62.9%
Piscataquis	4	3	204	159	75.0%	77.9%	58.5%
Sagadahoc	3	3	741	541	100.0%	73.0%	73.0%
Somerset	8	7	1209	928	87.5%	76.8%	67.2%
Waldo	4	2	274	214	50.0%	78.1%	39.1%
Washington	8	7	565	441	87.5%	78.1%	68.3%
York	11	11	3785	2939	100.0%	77.6%	77.6%

Appendix D – Response Rates

High School Response Rates – County Level (cont.)

HS-CD Combination

County	Schools in the Sample	Participating Schools	Students Enrolled in Participating Schools	Participating Students	School Response Rate	Student Response Rate	Overall Response Rate
Androscoggin	6	5	1887	1332	83.3%	70.6%	58.8%
Aroostook	16	10	676	531	62.5%	78.6%	49.1%
Cumberland	19	16	5551	4258	84.2%	76.7%	64.6%
Franklin	4	4	660	511	100.0%	77.4%	77.4%
Hancock	7	6	813	635	85.7%	78.1%	66.9%
Kennebec	10	9	1947	1526	90.0%	78.4%	70.5%
Knox	4	2	640	444	50.0%	69.4%	34.7%
Lincoln	4	4	705	524	100.0%	74.3%	74.3%
Oxford	7	7	1375	1056	100.0%	76.8%	76.8%
Penobscot	16	13	2472	1893	81.3%	76.6%	62.2%
Piscataquis	4	3	232	190	75.0%	81.9%	61.4%
Sagadahoc	3	3	697	506	100.0%	72.6%	72.6%
Somerset	8	7	1074	885	87.5%	82.4%	72.1%
Waldo	4	2	287	197	50.0%	68.6%	34.3%
Washington	8	7	557	437	87.5%	78.5%	68.6%
York	11	11	3862	2896	100.0%	75.0%	75.0%



APPENDIX E:

POSTSTRATIFICATION

SUMMARY STATISTICS

APPENDIX E – Poststratification Summary Statistics

Table E-1 - Poststratification Ratio Adjustment Summary Statistics						
Analysis Level	Survey	Grade (Imputed)	Number of Adjustment Cells	5th Percentile Ratio Adjustment	Median Ratio Adjustment	95th Percentile Ratio Adjustment
School	K3	K	40	1.21429	1.87228	4.08333
	K3	3	38	1.33333	2.08497	4.00000
	56	5	153	0.19251	0.68889	1.37931
	56	6	166	0.27778	0.81958	1.23529
	MS	7	1299	0.24857	0.50269	1.04489
	MS	8	1285	0.23810	0.50000	1.04167
	HS	9	1134	0.24226	0.53943	1.10000
	HS	10	1146	0.24490	0.56352	1.25000
	HS	11	1144	0.25856	0.60748	1.34615
	HS	12	1117	0.29781	0.71185	1.72727
District	K3	K	40	1.00000	1.00000	11.85000
	K3	3	38	1.00000	1.00000	15.50000
	56	5	134	1.00000	1.00000	6.54545
	56	6	149	1.00000	1.00000	4.45455
	MS	7	1163	1.00000	1.00000	1.66667
	MS	8	1152	1.00000	1.00000	1.81395
	HS	9	1074	1.00000	1.00000	1.25000
	HS	10	1086	1.00000	1.00000	1.05461
	HS	11	1087	1.00000	1.00000	1.03587
	HS	12	1060	1.00000	1.00000	1.01147
County	K3	K	47	8.00000	20.00000	86.66667
	K3	3	44	8.62500	26.44444	158.00000
	56	5	56	0.30952	1.18916	3.80829
	56	6	63	0.21065	1.13178	4.00602
	MS	7	440	0.12170	0.76180	2.88492
	MS	8	437	0.13221	0.73862	2.86697
	HS	9	433	0.11569	0.74500	3.00491
	HS	10	430	0.11381	0.77174	2.75521

Table E-1 - Poststratification Ratio Adjustment Summary Statistics						
Analysis Level	Survey	Grade (Imputed)	Number of Adjustment Cells	5th Percentile Ratio Adjustment	Median Ratio Adjustment	95th Percentile Ratio Adjustment
	HS	11	429	0.16368	0.86011	2.68666
	HS	12	425	0.20602	1.00181	3.67480
Public Health District	K3	K	31	9.25000	21.50000	74.60000
	K3	3	30	9.12500	30.50000	158.00000
	56	5	32	0.62044	1.59446	3.52818
	56	6	32	0.39316	1.19606	3.20090
	MS	7	224	0.20088	0.80066	2.54630
	MS	8	224	0.19496	0.82378	2.39620
	HS	9	224	0.20664	0.76423	2.22455
	HS	10	224	0.18972	0.80147	2.23039
	HS	11	223	0.23587	0.83745	2.35308
	HS	12	221	0.27881	1.04586	2.95528
State	K3	K	4	18.52381	23.54357	31.46486
	K3	3	4	22.93548	25.30488	30.58794
	56	5	4	0.85402	1.28304	1.71878
	56	6	4	0.80260	1.23431	1.68984
	MS	7	28	0.18423	0.76327	1.76606
	MS	8	28	0.18891	0.75874	1.78162
	HS	9	28	0.18580	0.72307	1.78486
	HS	10	28	0.18936	0.76098	1.86644
	HS	11	28	0.21726	0.85577	1.87352
	HS	12	28	0.26699	1.07391	2.36282