

MIYHS Modified Variables, 2009 to 2025

Numerous changes were made on the MIYHS survey instruments between 2009 and 2011 (see Section A), between 2011 and 2013 (see Section B), between 2013 and 2015 (see Section C), between 2015 and 2017 (Section D), between 2017 and 2019 (Section E), between 2019 and 2021 (Section F) and between 2021 and 2023 (Section G). The wording of the questions, what modules the questions were on, and the answer options for the questions can be found in the combined codebooks. The combined codebooks, which can be found on the MIYHS website, include information from the 2009, 2011, 2013, 2015, 2017, 2019, 2021, 2023 and 2025 MIYHS administrations; there is a combined codebook for each survey module (K/3, 5/6, MS, and HS).

Questions that were modified fell into one of three categories:

Minor Changes –

Minor changes (such as changes in punctuation, grammar, etc.) are those that are not likely to have impacted the way a student might have answered due to a change in a question and/or answer option(s). An example of a “minor” change would be changing “five drinks” to “5 drinks.” It is recommended that trend comparisons be made with questions having just minor changes.

Variable names with minor changes have the same variable name as the previous administration year, with an “a,” “b,” etc. added to the end of the variable name. The list of minor changes made between the various MIYHS survey instruments are found in the tables that follow; additional information can also be found in the combined codebooks.

Moderate Changes –

Moderate changes (such as a change in the way the question is asked, different examples included in a question, etc.) are those that may have impacted the way a student might have answered the question. Examples of “moderate” changes include: changing “almost always” to “most of the time”; changing “aerosol spray cans” to “spray cans”; changing “doctor or other health professional” to “doctor or nurse”, etc. It is recommended that trend comparisons with questions with moderate changes be made **with caution** at the user’s discretion.

Variable names with moderate changes have the same variable name as the previous administration year, with an “a,” “b,” etc. added to the end of the variable name. The list of moderate changes made between the various MIYHS survey instruments are found in the tables that follow; additional information can also be found in the combined codebooks.

Major Changes –

Major changes (such as a change in the timeframe of a question, word changes that affect a question’s meaning, major changes in answer options, etc.) are those that likely or definitely would have impacted the way a student might have answered the question. Examples of “major” changes include: changing “During the past 12 months, have you ever been bullied on school property?” to “Have you ever been bullied on school property?” and changing “When was the last time you saw a dentist or dental hygienist for a check-up...” to “When was the last time you saw a dentist for a check-up...”. It is recommended that trend comparisons with questions having major changes **not** be made.

Variable names with major changes have been given a completely new variable name. The list of major changes made between the various MIYHS survey instruments are found in the tables that follow; additional information can also be found in the combined codebooks.

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SECTION A: MIYHS Modified Variables – 2009 to 2011

K/3 Survey Changes:

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q12	During the past 12 months, how much did your child limit his or her usual activities due to asthma?	k52	During the past 12 months, how much did your child limit his or her usual activities due to asthma?	Change in answer options <i>(See codebooks for more information)</i>	Major
q19	What kind of health care coverage does your child have?	k53a – k53e	What kind of health care coverage does your child have?	Only one response allowed in 2009; Multiple responses allowed in 2011	Major
q20	About how long has it been since your child last visited a dentist? <i>Include dental hygienists as well as all types of dentists, such as orthodontists, oral surgeons, and all other dental specialists.</i>	k54	When did your child last visit the dentist for preventive dental care such as check-ups and dental cleanings? <i>Include dental hygienists as well as all types of dentists.</i>	Change in question wording and answer options <i>(See codebooks for more information)</i>	Major
q23	The last time your child could not get the dental care they needed, what was the main reason they couldn't get care?	k23a	The last time your child could not get the dental care they needed, what was the main reason they couldn't get care?	Number of answer options reduced <i>(See codebooks for more information)</i>	Moderate
q24	Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? <i>Include health insurance obtained through work or purchased directly as well as government programs like MaineCare.</i>	kn56a – kn56f	Do you have any kind of insurance that pays for some or all of your child's DENTAL CARE? <i>Include health insurance obtained through work or purchased directly, as well as government programs like MaineCare.</i>	Only one response allowed in 2009; Multiple responses allowed in 2011	Major
q25	Has your child ever had dental sealants placed on their teeth at either your dental office or through a school program? <i>Sealants are a clear or white material placed on the chewing surface of teeth to prevent cavities.</i>	kn57a – kn57d	Has your child ever had dental sealants placed on his or her teeth at either your dental office or through a school program? <i>Sealants are a clear or white material placed on the chewing surface of teeth to prevent cavities.</i>	Only one response allowed in 2009; Multiple responses allowed in 2011	Major

SECTION A: MIYHS Modified Variables – 2009 to 2011

K/3 Survey Changes (continued):

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q26	During the past 4 weeks , how many days of school has your child missed because of dental problems? <i>Do not include routine dental/orthodontist visits.</i>	kn58	During the past 3 months, how many days of school has your child missed because of dental problems? <i>Do not include routine dental/orthodontist visits.</i>	Change in timeframe	Major
q31	How often does your child ride in a booster car seat?	k31a	How often does your child ride in a booster car seat?	Change in answer option: “Almost always” changed to “Most of the time”	Moderate
q33	How often does your child ride with teenage drivers, such as older brothers or sisters, relatives, or older friends?	k33a	How often does your child ride with teenage drivers, such as older brothers or sisters, relatives, or older friends?	Change in answer option: “Often” changed to “Most of the time”	Moderate
q34	How often does your child wear a helmet when riding a bike?	k34a	How often does your child wear a helmet when riding a bike?	Change in answer option: “Almost always” changed to “Most of the time”	Moderate
q38	During the past seven (7) days , how many times did your child drink a can, bottle, or glass of soda, sports drinks, Kool-Aid, or sweetened ice tea? <i>Do not include diet drinks.</i>	k59	During the past 7 days, how many times did your child drink a can, bottle, or glass of soda, sports drink, energy drink, or sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny Delight? <i>Do not count diet soda or drinks or 100% fruit juice.</i>	Change in question wording	Major
q47	Is your child Hispanic?	k47a	Is your child Hispanic or Latino ?	Change in question wording	Moderate

SECTION A: MIYHS Modified Variables – 2009 to 2011

5/6 Survey Changes:

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q9	How often do you wear a helmet when you ride a bicycle?	e9a	When you ride a bicycle , how often do you wear a helmet?	Change in question wording and answer options <i>(See codebooks for more information)</i>	Moderate
q10	During the past 12 months, have you ever been bullied on school property?	e51	Have you ever been bullied on school property ?	Change in timeframe	Major
q11	During the past 12 months, have you ever been bullied away from school?	e52	Have you ever been bullied away from school ?	Change in timeframe	Major
q18	Have you ever had a drink of alcohol other than just a few sips?	e18a	Have you ever had a drink of alcohol, other than a few sips?	Change in question wording	Moderate
q22	Have you ever sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high?	e22a	Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high?	Change in question wording	Moderate
q32	During the past seven (7) days , how many cans, bottles, or glasses of soda, sports drinks, Kool-Aid, or sweetened ice tea did you drink? <i>Do not include diet drinks.</i>	e54	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.)	Change in question wording	Major
q33	During the past 7 days, on how many days did you exercise or participate in physical activity for at least 60 minutes? (Add up all of the time you spent in any physical activity that increases your heart rate and made you sweat and breathe hard some of the time.)	e56	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 of the time you spent in any kind of physical activity that increased your heart rate and made you breathe hard some of the time.)	Change in question wording	Major

SECTION A: MIYHS Modified Variables – 2009 to 2011

5/6 Survey Changes (continued):

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q36	Have you ever been told by a doctor or other health professional that you had asthma?	e36a	Has a doctor or nurse ever told you that you have asthma?	Change in question wording	Moderate
q43	Have you ever been told by a doctor or other health professional that you had diabetes?	e43a	Has a doctor or nurse ever told you that you have diabetes?	Change in question wording	Moderate
q44	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	e58	When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?	Change in question wording	Major
q45	During the past 4 weeks, how many days of school have you missed because of problems with your teeth? (Do not include routine dental or orthodontist visits.)	e45a	During the past month, how many days of school have you missed because of problems with your teeth? (Do not include routine dentist or orthodontist visits.)	Change in timeframe	Moderate

SECTION A: MIYHS Modified Variables – 2009 to 2011

MS Survey Changes:

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q13	Have you ever carried a weapon such as a gun, knife, or club?	m151	Have you ever carried a weapon such as a gun, knife, or club on school property ?	Change in question wording	Major
q14	Have you ever been threatened or injured with a weapon such as a gun, knife, or club?	m14a	Have you ever been threatened or hurt with a weapon such as a gun, knife, or club?	Change in question wording	Moderate
q16	Have you ever been in a physical fight in which you were injured and had to be treated by a doctor or nurse?	m16a	Have you ever been in a physical fight in which you were hurt and had to be treated by a doctor or nurse?	Change in question wording	Moderate
q17	Have you ever been forced to have sexual contact in any way (physically or otherwise)?	m17a	Have you ever been forced (physically or otherwise) to have sexual contact?	Change in question wording	Moderate
q34	During this school year, were you taught in any of your classes about the dangers of tobacco use?	m156	During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?	Change in timeframe	Major
q53	During this school year, was the information you received in school helpful in making decisions about tobacco use?	m157	During the past 12 months, was the information you received in school helpful in making decisions about tobacco use?	Change in timeframe	Major
q59	Have you ever had a drink of alcohol other than just a few sips?	m59a	Have you ever had a drink of alcohol, other than a few sips?	Change in question wording	Moderate
q63	During the past 30 days, how did you usually get the alcohol you drank?	m63a	During the past 30 days, how did you usually get the alcohol you drank?	Change in answer option: “I bought it at a restaurant, bar or club” changed to “I bought it in a store such as a liquor store, convenience store, supermarket, discount store or gas station”	Moderate

SECTION A: MIYHS Modified Variables – 2009 to 2011

MS Survey Changes (continued):

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q86	Have you ever sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high?	m86a	Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high?	Change in question wording	Moderate
q91	During the past 30 days, how many times have you sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high?	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?	Change in question wording and answer options <i>(See codebooks for more information)</i>	Moderate
q87	Have you ever taken a prescription drug (such as OxyContin, Percocet, Vicodin, Adderall, Ritalin, or Xanax) without a doctor's prescription?	m87a	Have you ever taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription?	Change in question wording	Moderate
q88	During the past 30 days, how many times have you taken a prescription drug (such as OxyContin, Percocet, Vicodin, Adderall, Ritalin, or Xanax) not prescribed for you by a doctor?	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?	Change in question wording	Moderate
q118	During the past 7 days, how many bottles, cans or glasses of soda, sports drinks, Kool-Aid, or sweetened ice tea did you drink? (Do not include diet drinks.)	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.)	Change in question wording	Major
q121	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 of the time you spent in any kind of physical activity that increased your heart rate and made you breathe hard some of the time.)	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 of the time you spend in any physical activity that increases your heart rate and makes you sweat and breathe hard some of the time.)	Change in question wording	Major

SECTION A: MIYHS Modified Variables – 2009 to 2011

MS Survey Changes (continued):

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q126	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? (Include activities such as Nintendo, Game Boy, PlayStation, Xbox, computer games, and the Internet.)	m126a	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? (Include activities such as Xbox, PlayStation, Nintendo DS, iPod touch, Facebook, and the Internet.)	Change in question wording	Moderate
q142	Have you ever gambled (bet) for money or possessions? (For example, at a casino, race track or online, bought lottery tickets, played cards or bet on a sports team.)	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.)	Change in question wording	Moderate
q150	How often is the following statement true for you: "I have a school that enforces rules fairly."?	m162	How often does your school enforce rules fairly?	Change in question wording	Major

SECTION A: MIYHS Modified Variables – 2009 to 2011

HS Survey Changes:

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q10	When you rode a bicycle during the past 12 months, how often did you wear a helmet?	h10a	When you rode a bicycle during the past 12 months, how often did you wear a helmet?	Change in answer options: Changed “I do not ride a bicycle” to “I did not ride a bicycle during the past 12 months”; Changed “wear” to “wore” throughout	Moderate
q29	Have you ever been forced to have sexual contact in any way (physically or otherwise)?	h29a	Have you ever been forced (physically or otherwise) to have sexual contact?	Change in question wording and answer options <i>(See codebooks for more information)</i>	Moderate
q36	During the past 12 months, have you ever been electronically bullied, such as through e-mail, chat rooms, instant messaging, web sites or text messaging?	h36a	During the past 12 months, have you ever been electronically bullied? (Include being bullied through e-mail, chat rooms, instant messaging, Web sites, or texting.)	Change in question wording	Moderate
q63	During the past 30 days, how did you usually get your own cigarettes?	h203	During the past 30 days, how did you usually get your own cigarettes?	Change in answer option: Changed “I bought in a store or vending machine” to two options: “I bought them in a store such as a convenience store, supermarket, discount store, or gas station” and “I bought them from a vending machine”	Major
q53	During this school year, were you taught in any of your classes about the dangers of tobacco use?	h204	During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?	Change in timeframe	Major
q72	During this school year, was the information you received in school helpful in making decisions about tobacco use?	h205	During the past 12 months, was the information you received in school helpful in making decisions about tobacco use?	Change in timeframe	Major

SECTION A: MIYHS Modified Variables – 2009 to 2011

HS Survey Changes (continued):

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q82	During the past 30 days, how did you usually get the alcohol you drank?	h82a	During the past 30 days, how did you usually get the alcohol you drank?	Change in answer option: Changed “I bought it in a store” to “I bought it in a store such as a liquor store, convenience store, supermarket, discount store, or gas station”	Moderate
q112	During your life, how many times have you taken a prescription drug (such as OxyContin, Percocet, Vicodin, Adderall, Ritalin, or Xanax) not prescribed for you by a doctor?	h112a	During your life, how many times have you taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription?	Change in question wording	Moderate
q113	During the past 30 days, how many times have you taken a prescription drug (such as OxyContin, Percocet, Vicodin, Adderall, Ritalin, or Xanax) not prescribed for you by a doctor?	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?	Change in question wording	Moderate
q137	The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy ?	h137a	The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy ?	Change in answer option: Changed “Depo-Provera” to “Depo-Provera (or any injectable birth control), Nuva Ring (or any birth control ring), Implanon (or any implant), or any IUD”	Moderate
q159	During the past 7 days, how many bottles, cans or glasses of soda, sports drinks, Kool-Aid, or sweetened ice tea did you drink? (Do not include diet drinks.)	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.)	Change in question wording	Major

SECTION A: MIYHS Modified Variables – 2009 to 2011

HS Survey Changes (continued):

2009 Variable Name	2009 Wording	2011 Variable Name	2011 Wording	Change Made	Type of Change
q162	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 of the time you spend in any physical activity that increases your heart rate and makes you sweat and breathe hard some of the time.)	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.)	Change in question wording	Major
q167	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? (Include activities such as Nintendo, Game Boy, PlayStation, Xbox, computer games, and the Internet.)	h167a	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? (Include activities such as Xbox, PlayStation, Nintendo DS, iPod touch, Facebook, and the Internet.)	Change in question wording	Moderate
q183	In your lifetime, how many times have you gambled (bet) with money or possessions (for example, at a casino, race track or online, bought lottery tickets, or bet on a sports team)?	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.)	Change in question wording	Moderate
q194	How often is the following statement true for you: "I have a school that enforces rules fairly."?	h210	How often does your school enforce rules fairly?	Change in question wording	Major
q190	During an average week, approximately how many hours do you typically spend doing community service - helping people in the community without getting paid?	h190a	During an average week, approximately how many hours do you typically spend doing community services - helping people in the community without getting paid?	Change in question wording	Moderate
q192	How often do you accept people who are different from you?	h192a	How often do you accept people who are different from you?	Change in answer option: Changed "Not at all" to "Never"	Moderate

SECTION B: MIYHS Modified Variables – 2011 to 2013

K/3 Survey Changes:

2011 Variable Name	2011 Wording	2013 Variable Name	2013 Wording	Change Made	Type of Change
k4	What is your relationship to this child?	k62a - k62f	What is your relationship to this child? (Mark all that apply.)	Only one response allowed in 2011; Multiple responses allowed in 2013	Major
k15	An asthma management plan is a printed form that tells when to change the amount or type of medicine, when to call the doctor for advice, and when to go to the emergency room. Has a doctor, nurse, or asthma educator ever given you an asthma management plan for your child?	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?	Change in question wording	Moderate
k27	When your child is outside for more than one hour on a sunny summer day, how often does he or she wear sunscreen with an SPF of 15 or higher?	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?	Change in question wording	Moderate
k28	On a sunny summer 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?	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?	Change in question wording	Moderate

SECTION B: MIYHS Modified Variables – 2011 to 2013

K/3 Survey Changes (continued):

k60	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? <i>Include activities such as Xbox, PlayStation, Nintendo DS, iPod touch, Facebook, and the Internet.</i>	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.)	Change in question wording	Moderate
k61	During the past 7 days, on how many days was your child physically active for a total of at least 60 minutes per day? <i>Add up all of the time your child spends in any physical activity that increases his or her heart rate and makes your child sweat and breathe hard some of the time.</i>	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.)	Change in question wording	Major

SECTION B: MIYHS Modified Variables – 2011 to 2013

5/6 Survey Changes:

2011 Variable Name	2011 Wording	2013 Variable Name	2013 Wording	Change Made	Type of Change
e57	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? (Include activities such as Xbox, PlayStation, Nintendo DS, iPod touch, Facebook, and the Internet.)	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.)	Change in question wording	Moderate
e38	Has a doctor, nurse, or asthma teacher ever taught you what to do during an asthma episode or attack?	e38a	Has a doctor, nurse, or asthma teacher ever taught you what to do during an asthma episode or attack?	Change in answer options: Changed "I do not have asthma" to "I have never had asthma"	Moderate
e39	During the past month, how often has asthma limited your usual activities?	e39a	During the past month, how often has asthma limited your usual activities?	Change in answer options: Changed "I do not have asthma" to "I have never had asthma"	Moderate
e40	How often did you miss school this year because of your asthma?	e40a	How often did you miss school this year because of your asthma?	Change in answer options: Changed "I do not have asthma" to "I have never had asthma"	Moderate
e41	During the past month, how often did your asthma make it difficult for you to stay asleep?	e41a	During the past month, how often did your asthma make it difficult for you to stay asleep?	Change in answer options: Changed "I do not have asthma" to "I have never had asthma"	Moderate
e42	During the past month, how many days did you have any symptoms of asthma such as shortness of breath, tightness in chest, or a wheezing cough?	e42a	During the past month, how many days did you have any symptoms of asthma such as shortness of breath, tightness in your chest, or a wheezing cough?	Change in question wording and answer options: Changed "I do not have asthma" to "I have never had asthma"	Moderate

SECTION B: MIYHS Modified Variables – 2011 to 2013

5/6 Survey Changes (continued):

e58	When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?	e60	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	Change in question wording	Major
e45a	During the past month, how many days of school have you missed because of problems with your teeth? (Do not include routine dentist or orthodontist visits.)	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.	Change in question wording	Major

SECTION B: MIYHS Modified Variables – 2011 to 2013

MS Survey Changes:

2011 Variable Name	2011 Wording	2013 Variable Name	2013 Wording	Change Made	Type of Change
m80	How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana occasionally?	m166	How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?	Change in question wording	Major
m160	What kind of milk do you usually drink?	m169	What kind of milk do you usually drink?	Change in answer option: Changed “Soy milk” to “Chocolate or flavored milk”	Major
m126a	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? (Include activities such as Xbox, PlayStation, Nintendo DS, iPod touch, Facebook, and the Internet.)	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.)	Change in question wording	Moderate
m133	When you are outside for more than one hour on a sunny summer day, how often do you wear sunscreen with an SPF of 15 or higher?	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?	Change in question wording	Moderate
m134	How many times did you get a sunburn this past summer (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)?	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)?	Change in question wording	Moderate
m147	During an average week, approximately how many hours do you typically spend doing community service - helping people in the community without getting paid?	m147a	During an average week, approximately how many hours do you typically spend doing community services - helping people in the community without getting paid?	Change in question wording	Moderate

SECTION B: MIYHS Modified Variables – 2011 to 2013

HS Survey Changes:

2011 Variable Name	2011 Wording	2013 Variable Name	2013 Wording	Change Made	Type of Change
h12	How often do you wear a seat belt when driving a car or other vehicle?	h213	How often do you wear a seat belt when driving a car?	Change in question wording and added answer option (“I do not drive”)	Major
h14	During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol?	h214	During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol?	Additional answer option (“I did not drive a car or other vehicle during the past 30 days.”)	Major
h16	During the past 30 days, how many times did you do other activities while driving a car, such as eating, talking on a cell phone, combing your hair, etc.?	h215	During the past 30 days, how many times did you do other activities while driving a car, such as eating, talking on a cell phone, combing your hair, etc.?	Additional answer option (“I did not drive a car during the past 30 days.”)	Major
h27	During the past 12 months, did your boyfriend or girlfriend ever hit, slap, or physically hurt you on purpose?	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.)	Change in wording	Major
h104	How much do you think people risk harming themselves (physically or other ways) if they smoke marijuana occasionally?	h220	How much do you think people risk harming themselves (physically or other ways) if they smoke marijuana once or twice a week?	Change in wording	Major
h120	During your life, how many times have you used stimulants (“amphetamines”, “meth”, “crystal”, “crank”)?	h222	During your life, how many times have you used methamphetamines (also called speed, crystal, crank, or ice)?	Change in wording	Major
h123	During your life, how many times have you used LSD or other psychedelics?	h223	During your life, how many times have you used hallucinogenic drugs, such as LSD, acid, PCP, angel dust, mescaline, or mushrooms?	Change in wording	Major

SECTION B: MIYHS Modified Variables – 2011 to 2013

HS Survey Changes (continued):

h137a	The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy? (Select only one response.)	h226	The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy? (Select only one response.)	Change in answer options <i>(See codebooks for more information)</i>	Major
h143	The first time you had sexual contact, how old was your partner?	h227	The first time you had sexual intercourse, how old was your partner?	Change in wording and answer options	Major
h206	Have you ever been tested for a sexually transmitted disease (STD) including HIV?	h206a	Have you ever been tested for a sexually transmitted disease (STD) such as Chlamydia, Syphilis, Gonorrhea, or HIV?	Change in wording	Moderate
h208	What kind of milk do you usually drink?	h228	What kind of milk do you usually drink?	Change in answer options <i>(See codebooks for more information)</i>	Major
h167a	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? (Include activities such as Xbox, PlayStation, Nintendo DS, iPod touch, Facebook, and the Internet.)	h167b	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.)	Change in wording	Moderate
h174	When you are outside for more than one hour on a sunny summer day, how often do you wear sunscreen with an SPF of 15 or higher?	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?	Change in wording	Moderate
h175	How many times did you get a sunburn this past summer (that is, how many times did exposed parts of your skin stay red for several hours after you had been out in the sun)?	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)?	Change in wording	Moderate

SECTION C: MIYHS Modified Variables – 2013 to 2015

K/3 Survey Changes:

2013 Variable Name	2013 Wording	2015 Variable Name	2015 Wording	Change Made	Type of Change
k5	What language is spoken most often at home?	k5a	What language is spoken most often at home?	Change in answer option order <i>(See codebooks for more information)</i>	Moderate
k10	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, how many days did your child have any symptoms of asthma?	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?	Change in wording	Moderate
k53c	What kind of health care coverage does your child have? C. CHAMPUS	k53ca	What kind of health care coverage does your child have? C. TRICARE (formerly CHAMPUS)	Change in wording	Moderate
k54	When 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.)	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.)	Change in wording and answer options	Moderate
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.) D. CHAMPUS	k56da	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.) D. TRICARE (formerly CHAMPUS)	Change in wording	Moderate
k57a-k57d	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.)	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.)	Multiple responses allowed in 2013; Only one response allowed in 2015	Major

SECTION C: MIYHS Modified Variables – 2013 to 2015

5/6 Survey Changes:

2013 Variable Name	2013 Wording	2015 Variable Name	2015 Wording	Change Made	Type of Change
e6	What language is spoken most often at home?	e6a	What language is spoken most often at home?	Change in answer option order <i>(See codebooks for more information)</i>	Moderate
e8	How often do you ride in the back seat when you are riding in a car?	e8a	How often do you sit in the back seat when you are riding in a car?	Change in wording	Moderate
e38a	Has a doctor, nurse, or asthma teacher ever taught you what to do during an asthma episode or attack?	e38b	Has a doctor, nurse, or asthma educator ever taught you what to do during an asthma episode or attack?	Change in wording	Moderate

SECTION C: MIYHS Modified Variables – 2013 to 2015

MS Survey Changes:

2013 Variable Name	2013 Wording	2015 Variable Name	2015 Wording	Change Made	Type of Change
m8	What language is spoken most often at home?	m8a	What language is spoken most often at home?	Change in answer option order <i>(See codebooks for more information)</i>	Moderate
m12	Have you ever ridden in a car or other vehicle driven by someone who had been taking illegal drugs such as marijuana?	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?	Change in wording	Moderate
m63a	During the past 30 days, how did you usually get the alcohol you drank? (Select only one response.)	m63b	During the past 30 days, how did you usually get the alcohol you drank?	Change in wording	Moderate

SECTION C: MIYHS Modified Variables – 2013 to 2015

HS Survey Changes:

2013 Variable Name	2013 Wording	2015 Variable Name	2015 Wording	Change Made	Type of Change
h8	What language is spoken most often at home?	h8a	What language is spoken most often at home?	Change in answer option order <i>(See codebooks for more information)</i>	Moderate
h15	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?	h15	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?	Change in wording	Moderate
h215	During the past 30 days, how many times did you do other activities while driving a car, such as eating, talking on a cell phone, combing your hair, etc.?	h230	During the past 30 days, how many times did you text or talk on the phone while driving a car or other vehicle?	Change in wording	Major
h203	During the past 30 days, how did you usually get your own cigarettes? (Select only one response.)	h231	During the past 30 days, how did you usually get your own cigarettes? (Select only one response.)	Change in answer options <i>(See codebooks for more information)</i>	Major
h64	How many times during the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking?	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?	Change in wording	Major
h82a	During the past 30 days, how did you usually get the alcohol you drank? (Select only one response.)	h82b	During the past 30 days, how did you usually get the alcohol you drank?	Change in wording	Moderate
h193a	How often is the following statement true for you? "When I am not at home, one of my parents knows where I am and whom I am with."	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."	Change in wording	Moderate
h196	I have parent(s) who try to help me succeed.	h196a	I have parent(s) or guardian(s) who try to help me succeed.	Change in wording	Moderate

SECTION D: MIYHS Modified Variables – 2015 to 2017

K/3 Survey Changes:

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
		knonefrt	Percentage of students who consumed less than 1 fruit or 100% fruit juice per day during the past 7 days	New Answer of Interest	
		knoneveg	Percentage of students who consumed less than 1 vegetable per day during the past 7 days	New Answer of Interest	
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 Delight? (Do not count diet soda, other diet drinks, or 100% fruit juice.)	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.)	Replaced Sunny Delight with Sunny D	Minor

SECTION D: MIYHS Modified Variables – 2015 to 2017

5/6 Survey Changes:

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
		en16_2	Over the next year, percentage of students who answered "I definitely will not" smoke a cigarette.	New Answer of Interest	
e25a	About how many adults over 21 have you known personally who in the past year have gotten drunk or high?			Question removed	
		e62	On an average school day, how long after school are you alone without a parent or trusted adult?	New question	
e29a	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.)	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.)	Change in time frame	Major
e30a	During the past 7 days, how many times did you eat fruit? (Do not count fruit juice.)	e64	Yesterday, how many times did you eat fruit? (Do not count fruit juice)	Change in time frame	Major
e31b	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.)	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.)	Change in time frame	Major
e54	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.)	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.)	Change in time frame	Major
e55	During the past 7 days, how many meals did you eat with your family?	e67	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?	Change in time frame and wording	Major
e56	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	e68	How many days each week do you exercise, dance or play sports for at least an hour?	Change in time frame and wording	Major

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
	made you breathe hard some of the time.)				
e36a	Has a doctor or nurse ever told you that you have asthma?	e69	Has a doctor, nurse, or other adult ever told you that you have asthma?	Change in wording	Major
e39a	During the past month, how often has asthma limited your usual activities?	e70	During the past month, has asthma limited your usual activities?	Change in wording	Major
e40a	How often did you miss school this year because of your asthma?	e71	Have you missed school this year because of your asthma?	Change in wording	Major
e41a	During the past month, how often did your asthma make it difficult for you to stay asleep?	e72	During the past month, did your asthma make it difficult for you to stay asleep?	Change in wording	Major
e42a	During the past month, how many days did you have any symptoms of asthma such as shortness of breath, tightness in your chest, or a wheezing cough?	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?	Change in wording	Major

SECTION D: MIYHS Modified Variables – 2015 to 2017

MS Survey Changes:

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
		m187	During the past 30 days, where did you usually sleep?	New question	
m16a	Have you ever been in a physical fight in which you were hurt and had to be treated by a doctor or nurse?			Question removed	
m152a	Have you ever been electronically bullied? (Count being bullied through e-mail, chat rooms, instant messaging, websites, or texting.)	m152b	Have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)	Updated list	Moderate
		m189	How old were you when you first tried cigarette smoking, even one or two puffs?	New question	
m31	During the past 30 days, on how many days did you use chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, or Copenhagen?	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.)	Change in wording	Major
		mn48_2	Percentage of students who answered "I definitely will not" smoke a cigarette in the next year.	New Answer of Interest	
		m182	The last time you used an electronic vapor product, what was in the vapor you inhaled?	New question	
		mntobsus	Percentage of students who are susceptible to cigarette use (among all students including those who have tried cigarettes or are current cigarette users)	Change in wording	
		mntobsus_2	Percentage of students who are susceptible to cigarette use (among students who have never tried cigarettes)	New calculated variable	
mnanytob	Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days	mnanytoba, mnanytob_2a, mnanytob_3	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	Updated and new Answer of Interest	See codebook

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
			days		
m70	What are the chances you would be seen as cool if you began drinking alcohol regularly, that is, at least once or twice a month?			Question removed	
m81	What are the chances you would be seen as cool if you smoked marijuana?			Question removed	
m87a	Have you ever taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription?	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.)	Updated list	Major
		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.)	New question	
		mnRxuse	Percentage of students who misused prescription drugs in their lifetime	Calculated variable for m183 and m190	
m89	During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or drug use?			Question removed	
m92a	About how many adults over 21 have you known personally who in the past year have gotten drunk or high?			Question removed	
		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?	New question	
		mnonefrt	Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days	New Answer of Interest	
		mnoneveg	Percentage of students who ate vegetables less than 1 time per day during the past seven days	New Answer of Interest	

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
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.)	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.)	Replaced Sunny Delight with Sunny D	Minor
m120	During the past 7 days, how many meals did you eat with your family?	m185a	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?	Change in wording	Major
		mndin	Percentage of students who answered at least 5 days	Combined m185 and m185a	
m122	Other than at school, during an average week how many days are you physically active? (Include any community-based sports teams or individual activities such as running, walking, skateboarding, bicycling, and dancing.)			Question removed	
		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."	New question	
m123	On how many of the past 7 days did you exercise or participate in physical activity for at least 20 minutes that made you sweat and breathe hard, such as basketball, soccer, running, swimming laps, fast bicycling, fast dancing, or similar aerobic activities?			Question removed	
m124	On how many of the past 7 days did you participate in physical activity for at least 30 minutes that did not make you sweat or breathe hard, such as fast walking, slow bicycling, skating, pushing a lawn mower, or mopping floors?			Question removed	

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
m147a	During an average week, approximately how many hours do you typically spend doing community services - helping people in the community without getting paid?			Question removed	
		m192	I have a family that gives me love and support.	New question	
		m188	How often does your family give you love and support?	New question	

SECTION D: MIYHS Modified Variables – 2015 to 2017

HS Survey Changes:

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
		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?	New question	
		h247	During the past 30 days, where did you usually sleep?	New question	
h17	How many times in the past year (12 months) have you taken a gun to school?			Question removed	
h25	During the past 12 months, how many times were you in a physical fight in which you were injured and had to be treated by a doctor or nurse?			Question removed	
h36b	During the past 12 months, have you ever been electronically bullied? (Count being bullied through e-mail, chat rooms, instant messaging, websites, or texting.)	h36c	During the past 12 months, have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)	Change in wording	Moderate
h231	During the past 30 days, how did you usually get your own cigarettes? (Select only one response.)			Question removed	
h50	During the past 30 days, on how many days did you use chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, or Copenhagen?	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.)	Change in wording	Major
		h248	The last time you used an electronic vapor product, what was in the vapor you inhaled?	New question	
		h240	During the past 30 days, how did you usually get your own electronic vapor products? (Select only one response.)	New question	
hntobsus	Percentage of students who are susceptible to tobacco use	hntobsus	Percentage of students who are susceptible to cigarette use (among all students including those who have tried or are current cigarette users)	Change of wording	Minor

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
hnanytob	Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days	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	Change in wording	Minor
hnanytob_2	Percentage of students who smoked cigarettes or cigars; used an electronic vapor product; or used chewing tobacco, snuff, or dip on one or more of the past 30 days			Variable removed	
h81a	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?			Question removed	
		h241	During the past 30 days, what is the largest number of alcoholic drinks you had in a row?	New question	
h90	What are the chances you would be seen as cool if you began drinking alcoholic beverages regularly, that is, at least once or twice a month?			Question removed	
h105	What are the chances you would be seen as cool if you smoked marijuana?			Question removed	
h112a	During your life, how many times have you taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription?	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.)	Change in wording	Major
h222	During your life, how many times have you used methamphetamines (also called speed, crystal, crank, or ice)?	h222a	During your life, how many times have you used methamphetamines (also called meth, speed, crystal, crank, or ice)?	Updated list	Minor
h116	During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or drug use?			Question removed	
h128a	About how many adults over 21 have you known personally who in the past year have gotten drunk or high?			Question removed	
h134a	About how many adults over 21 have you known personally who in the past year have sold or dealt drugs?			Question removed	

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
		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?	New question	
		hnonefrt	Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days	New Answer of Interest	
		hnoneveg	Percentage of students who ate vegetables less than 1 time per day during the past seven days	New Answer of Interest	
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.)	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.)	Change in wording	Minor
		hn207a_2	Percentage of students who drank sugar-sweetened beverages at least one time per day in the past week	Combined h207 and h207a	
h161	During the past 7 days, how many meals did you eat with your family?	h243	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?	Change in wording	Major
h163	Other than at school, during an average week, how many days are you physically active? (Include any community-based sports teams or individual activities such as running, walking, skateboarding, bicycling, and dancing.)			Question removed	
h164	On how many of the past 7 days did you exercise or participate in physical activity for at least 20 minutes that made you sweat and breathe hard, such as basketball, soccer, running, swimming laps, fast bicycling, fast dancing, or similar aerobic activities?			Question removed	

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
h165	On how many of the past 7 days did you participate in physical activity for at least 30 minutes that did not make you sweat or breathe hard, such as fast walking, slow bicycling, skating, pushing a lawn mower, or mopping floors?			Question removed	
h167b	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.)	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.)	Change in wording	Moderate
h212	Does your school feel like a place where students and adults care about each other?			Question removed	
h190a	During an average week, approximately how many hours do you typically spend doing community services - helping people in the community without getting paid?			Question removed	
h197	I have good neighbors who care about me.			Question removed	
		h245	How often do you have support from adults other than your parents?	New question	
		h246	How often does your family give you love and support?	New question	
h201	I have parents who are good at talking with me about things.			Question removed	

2015 Variable	2015 Question Wording	2017 Variable	2017 Question Wording	Change Made	Type of Change
		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	New question	
		hnace	Percentage of students who have reported 3 or more Adverse Childhood Experiences	New Answer of Interest	

SECTION E: MIYHS Modified Variables – 2017 to 2019

K/3 Survey Changes:

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
			Parent Survey not used in 2019.		

SECTION E: MIYHS Modified Variables – 2017 to 2019

5/6 Survey Changes:

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
		enowtob	Calculated variable (Percentage of students who were either overweight or obese)	New Answer of Interest	
e6a	What language is spoken most often at home?	e6b	What language is spoken most often at home? (Select only one response)	Added instruction statement	Minor
e67	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?	e67	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents or guardians?	Replaced forward slash with the word "or"	Minor
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.)	e57b	On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent playing games, watching videos, texting, or using social media on your smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)	Updated list of devices	Moderate

SECTION E: MIYHS Modified Variables – 2017 to 2019

MS Survey Changes:

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
		mnnowtob	Calculated variable (Percentage of students who were either overweight or obese)	New Answer of Interest	
m8a	What language is spoken most often at home?	m8b	What language is spoken most often at home? (Select only one response.)	Added instruction	Minor
m187	During the past 30 days, where did you usually sleep?	m187a	During the past 30 days, where did you usually sleep?	Added answer option: In a dormitory or other school housing. New Answer of Interest	Moderate
		mn154b_2	Calculated variable (Among students who have ever felt sad or hopeless, the percentage of students who answered that they got help from a teacher or other school staff)	New Answer of Interest	
m189	How old were you when you first tried cigarette smoking, even one or two puffs?			Question removed	
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.)	m181a	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products, such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	Updated product list	Moderate
m78	How wrong do your parents feel it would be for you to smoke marijuana?	m193	How wrong do your parents feel it would be for you to use marijuana?	Changed wording to “use”	Major
m173	Have you ever used an electronic vapor product?	m173	Have you ever used an electronic vapor product?	New introductory statement includes “JUUL”	Moderate

m174	During the past 30 days, on how many days did you use an electronic vapor product?	m174	During the past 30 days, on how many days did you use an electronic vapor product?	New introductory statement includes "JUUL"	Moderate
m182	The last time you used an electronic vapor product, what was in the vapor you inhaled?	m182	The last time you used an electronic vapor product, what was in the vapor you inhaled?	New introductory statement includes "JUUL"	Moderate
		m182_2	Percentage of students who used 'Marijuana or Hash Oil' the last time they used an electronic vapor product.	New Answer of Interest	
m166	How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?	m194	How much do you think people risk harming themselves (physically or in other ways) if they use marijuana once or twice a week?	Changed wording to "use"	Major
m167	How wrong do your friends feel it would be for you to smoke marijuana?	m195	How wrong do your friends feel it would be for you to use marijuana?	Changed wording to "use"	Major
m83	If a kid smoked marijuana in your neighborhood, would he or she be caught by the police?	m196	If a kid used marijuana in your neighborhood, would he or she be caught by the police?	Changed wording to "use"	Major
m84	How wrong do you think it is for someone your age to smoke marijuana?	m197	How wrong do you think it is for someone your age to use marijuana?	Changed wording to "use"	Major
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.)			Question removed	
m98a	About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs?			Question removed	
		m199	Have you ever lived with an adult who had a problem with alcohol or drugs?	New question	
m169	What kind of milk do you usually drink? (Select only one response.)			Question removed	
m159	During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or	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	Replaced Sunny Delight with Sunny D.	Minor

	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.)		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.)		
m185a	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?	m185b	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents or guardians?	Replaced forward slash with the word "or"	Minor
m185	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents?			Question removed	
mndin	Calculated variable for 2017 only (m185 + m185a due to version issue)			Removed	Minor
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.)	m126c	On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent playing games, watching videos, texting, or using social media on your smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)	Updated list	Moderate
		m198	On an average day, about how many hours do you use social media? (Social media includes apps such as Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	New question	
m138a	Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems?			Question removed	
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?			Question removed	

mndisab	Percentage of students who have a disability (m136, m137, m138, m139)	mndisab_a	Percentage of students who have a disability (m136, m137)	Calculation change	Minor
m192	I have a family that gives me love and support.			Question removed and replaced by m188	

SECTION E: MIYHS Modified Variables – 2017 to 2019

HS Survey Changes:

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
		hknowtob	Calculated variable (Percentage of students who were either overweight or obese)	New Answer of Interest	
h8	What language is spoken most often at home?	h8a	What language is spoken most often at home? (Select only one response.)	Added instruction	Minor
h247	During the past 30 days, where did you usually sleep?	h247a	During the past 30 days, where did you usually sleep?	Added answer option: In a dormitory or other school housing. New Answer of Interest	Moderate
		hn43b_2	Calculated variable (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 a teacher or other school staff)	New Answer of Interest	
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.)	h251a	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products, such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	Product list	Moderate
h233	Have you ever used an electronic vapor product?	h233	Have you ever used an electronic vapor product?	New introductory statement includes "JUUL"	Moderate
h234	During the past 30 days, on how many days did you use an electronic vapor product?	h234	During the past 30 days, on how many days did you use an electronic vapor product?	New introductory statement includes "JUUL"	Moderate

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
h240	During the past 30 days, how did you usually get your own electronic vapor products? (Select only one response.)	h240a	During the past 30 days, how did you usually get your own electronic vapor products? (Select only one response.)	New introductory statement includes "JUUL" and updated answer options	Moderate
h248	The last time you used an electronic vapor product, what was in the vapor you inhaled?	h248	The last time you used an electronic vapor product, what was in the vapor you inhaled?	New introductory statement includes "JUUL"	Moderate
		hn248_2	Calculated variable (Percentage of students who answered 'Marijuana or Hash Oil')	New Answer of Interest	
h241	During the past 30 days, what is the largest number of alcoholic drinks you had in a row?	h241a	During the past 30 days, what is the largest number of alcoholic drinks you had in a row, that is, within a couple of hours?	Question wording	Minor
		h261	During the past 30 days, how did you usually use marijuana? (Select only one response.)	New question	
h102	How wrong do your parents feel it would be for you to smoke marijuana?	h260	How wrong do your parents feel it would be for you to use marijuana?	Changed wording to "use"	Major
h220	How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?	h259	How much do you think people risk harming themselves (physically or in other ways) if they use marijuana once or twice a week?	Changed wording to "use"	Major
h221	How wrong do your friends feel it would be for you to smoke marijuana?	h258	How wrong do your friends feel it would be for you to use marijuana?	Changed wording to "use"	Major
h107	If a kid smoked marijuana in your neighborhood, would he or she be caught by the police?	h257	If a kid used marijuana in your neighborhood, would he or she be caught by the police?	Changed wording to "use"	Major
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	h249a	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?	Change in wording and new introductory statement	Minor

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
	Percocet.)				
h108	How wrong do you think it is for someone your age to smoke marijuana?	h256	How wrong do you think it is for someone your age to use marijuana?	Changed wording to “use”	Major
h222a	During your life, how many times have you used methamphetamines (also called meth, speed, crystal, crank, or ice)?	h222b	During your life, how many times have you used methamphetamines (also called speed, crystal meth, crank, ice, or meth)?	Updated list	Minor
h133a	About how many adults over 21 have you known personally who in the past year have used marijuana, crack, cocaine, or other drugs?			Question removed	
		h255	Have you ever lived with an adult who had a problem with alcohol or drugs?	New question	
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)?	h235	During your life, how many times have you used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, or Skunk)?	Updated example list	Minor
h227	The first time you had sexual intercourse, how old was your partner?			Question removed	
		h254	The last time you had sexual intercourse, how many years younger or older than you was your partner?	New question	
		hn226_5	Among students who had sexual intercourse during the past three months, the percentage of students who reported “An IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon)”	New Answer of Interest	
		hn226_6	Among students who have ever had sexual intercourse, the percentage of students who reported “An IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon)”	New Answer of Interest	

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
		h253	Have you ever been tested for HIV, the virus that causes AIDS? (Do not count tests done if you donated blood.)	New question	
h206a	Have you ever been tested for a sexually transmitted disease (STD) such as Chlamydia, Syphilis, Gonorrhea, or HIV?			Question removed	
		h262	During the past 12 months, have you been tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea?	New question	
h228	What kind of milk do you usually drink? (Select only one response.)			Question removed	
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.)	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.)	Replaced Sunny Delight with Sunny D.	Minor
h243	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents/guardians?	h243a	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents or guardians?	Replaced forward slash with the word "or"	Minor

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
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.)	h167d	On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent playing games, watching videos, texting, or using social media on your smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)	Updated list	Moderate
		h252	On an average day, about how many hours do you use social media? (Social media includes apps such as Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	New question	
h179a	Would other people consider you to have a disability or long-term health problem, including physical health, emotional, or learning problems?			Question removed	
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?			Question removed	
h196a	I have parent(s) or guardian(s) who try to help me succeed.	h263	How often do your parent(s) or guardian(s) try to help you succeed?	Change in wording	Major
h198	I have a school that cares about kids and encourages them.	h264	How often do you feel your school cares about kids and encourages them?	Change in wording	Major
h199	I have support from adults other than my parents.	h245	How often do you have support from adults other than your parents?	Change in wording	

2017 Variable	2017 Question Wording	2019 Variable	2019 Question Wording	Change Made	Type of Change
h200	I have a family that gives me love and support.	h246	How often does your family give you love and support?	Change in wording	
h244	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): - 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	h244a	Please tell us <u>how many</u> of the following six things have ever happened to you (Add up how many ever happened to you): - Your parents or guardians got divorced or separated - A parent or guardian died - A parent or 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	Replaced forward slash with the word "or"	Minor
		hnace_a_2	Percentage of students who have reported 4 or more Adverse Childhood Experiences	New Answer of Interest	

SECTION F: MIYHS Modified Variables – 2019 to 2021

5/6 Survey Changes:

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
en7a	Percentage of students who answered "Never" or "Rarely"			Answer of Interest Removed	
e8a	How often do you sit in the back seat when you are riding in a car?			Question removed	
e52a	Have you ever been bullied away from school property ?			Question removed	
		e74	Have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)	New question	
		e75	Have you ever used an electronic vapor product?	New question	
		e76	During the past 30 days, have you used an electronic vapor product?	New question	
		enfrvg_3	Calculated Variable (Percentage of students who ate fruit and/or vegetables five or more times per day yesterday)	New calculated variable	
		en68_2	Percentage of students who answered at least 5 days.	New Answer of Interest	
e34	On an average school day, how many hours do you watch TV?			Question removed and replaced with e77	
e57b	On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent playing games, watching videos, texting, or using social media on your smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)			Question removed and replaced with e77	
enscreen	Calculated Variable (Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day)			Calculated variable removed and replaced with e77	
		e77	On an average school day, how many hours do you spend in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games,	New question	

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
			accessing the Internet, or using social media (also called "screen time")? (Do not count time spent doing schoolwork.)		
		en69_2	Percentage of students who answered "Not sure"	New Answer of Interest	
		en38b_4	Among students who reported to have asthma in e69, the percentage of students who answered "Yes" (Excludes "Not sure" responses from e38b)	New Answer of Interest	
e71	Have you missed school this year because of your asthma?	e71a	During this school year, have you missed school because of your asthma?	Change in question wording	Minor
e43a	Has a doctor or nurse ever told you that you have diabetes?	e43b	Has a doctor, nurse, or other adult ever told you that you have diabetes?	Change in question wording	Moderate
e60	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	e60a	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	Updated answer options (See codebook)	Minor
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.	e61a	During this school year, have you missed any school 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.	Change in question wording	Minor
		en61a_2	Percentage of students who answered "Yes"	New Answer of Interest	

SECTION F: MIYHS Modified Variables – 2019 to 2021

MS Survey Changes:

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
		m213	Which of the following best describes you?	New question	
mn10	Percentage of students who answered "Never" or "Rarely"			Removed Answer of Interest	
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?			Question removed	
		m200	Have you ever ridden in a car or other vehicle driven by someone who had been using marijuana (also called pot or weed)?	New question	
m20	How often is the following statement true for you? "I resolve conflicts without anyone getting hurt."			Question removed	
mn154b_2	When you have felt sad or hopeless, from whom did you get help? (Select only one response.)			Removed Answer of Interest	
		m209	During the past 30 days, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)	New question	
		mn43_2	Among students who reported current cigarette use, the percentage of students who answered 2-10 cigarettes per day	New Answer of Interest	
m51	If one of your best friends offered you a cigarette, would you smoke it?	m51a	If one of your closest friends offered you a cigarette, would you smoke it?	Change in question wording	Minor
m57	Besides yourself, does anyone who lives in your home smoke cigarettes now?			Question removed	
m182	The last time you used an electronic vapor product, what was in the vapor you inhaled?	m182a	The last time you used an electronic vapor product, what was in the vapor you inhaled?	Updated answer options (See codebook)	Minor
		m202	How much do you think people risk harming themselves (physically or in other ways) if they use electronic vapor products every day?	New question	
		m203	How wrong do you think it is for someone	New question	

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
			your age to use electronic vapor products?		
		m204	If you wanted to get an electronic vapor product, how easy would it be for you to get one?	New question	
m181a	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	m181b	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	Bolded "not"	Minor
m35	How wrong do your parents feel it would be for you to smoke cigarettes?			Question removed	
		m212	How wrong do your parents feel it would be for you to use any tobacco products?	New question	
		mn39_2	Percentage of students who answered "A lot" or "Sometimes"	New Answer of Interest	
m46	Do you think you would be able to quit smoking cigarettes if you wanted to?			Question removed	
		m201	Do you think you would be able to quit using tobacco products if you wanted to?	New question	
m69	If a kid drank some alcohol in your neighborhood, would he or she be caught by the police?	m69a	If a kid drank some alcohol in your community, would he or she be caught by the police?	Change in question wording	Minor
m71a	How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol?	m71b	How wrong do adults in your community think it is for kids your age to drink alcohol?	Change in question wording	Minor
m73	Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it?	m73a	Think of your closest friends. How many in the past year have tried alcohol when their parents didn't know about it?	Change in question wording	Minor
m196	If a kid used marijuana in your neighborhood, would he or she be caught by the police?	m196a	If a kid used marijuana in your community, would he or she be caught by the police?	Change in question wording	Minor
m197	How wrong do you think it is for someone your age to use marijuana?			Question removed	
		m205	Do you think using marijuana would negatively impact your goals or future?	New question	
m168	Have you ever taken steroid pills or shots without a doctor's prescription?			Question removed	

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
		mnfrvg_2	Calculated Variable (Percentage of students who ate fruit and/or ate vegetables five or more times per day during the past seven days)	New calculated variable	
		mn159a_2	Percentage of students who answered "I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days"	New Answer of Interest	
m125	On an average school day, how many hours do you watch TV?			Question removed and replaced with m206	
m126c	On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent playing games, watching videos, texting, or using social media on your smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)			Question removed and replaced with m206	
mnscreen	Calculated variable (Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day)			Calculated variable removed and replaced with m206	
		m206	On an average school day, how many hours do you spend in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media (also called "screen time")? (Do not count time spent doing schoolwork.)	New question	
m198	On an average day, about how many hours do you use social media? (Social media includes apps such as Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	m198a	On an average day, about how many hours do you use social media? (Social media includes apps such as TikTok, YouTube, Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	Updated social media list	Moderate
m180	Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)	m180a	Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)	Bolded "not"	Minor

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
m129	Has a doctor or nurse ever told you that you have asthma?	m129a, mncrastha, mnltaatha, mn130_2a, mn170_2a	Has a doctor, nurse, or other adult ever told you that you have asthma?	Change in question wording	Moderate
m132	Has a doctor or nurse ever told you that you have diabetes?	m132a, mndiaba	Has a doctor, nurse, or other adult ever told you that you have diabetes?	Change in question wording	Moderate
m136	Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more?	m136a, mndisab_b	Do you have any physical disabilities or long-term health problems? (Long-term means 6 months or more.)	Change in question wording	Minor
		m136a_2	Percentage of students who answered "Yes" (Excludes "Not sure" responses)	New Answer of Interest	
m137	Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more?	m137a, mndisab_b	Do you have any long-term emotional or behavioral problems? (Long-term means 6 months or more.)	Change in question wording	Minor
		m137a_2	Percentage of students who answered "Yes" (Excludes "Not sure" responses)	New Answer of Interest	
		mndisab_b_2	Percentage of students who have a disability (Excludes "Not sure" responses from m136a & m137a)	New Answer of Interest	
m140	Where do you usually go for health care (for example, check-ups, when you are sick, etc.)?			Question removed	
		m207	How long has it been since you last saw a doctor or healthcare provider for a wellness visit, physical, or general-purpose check-up?	New question	
m141	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	m141a	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	Updated answer options (See codebook)	Minor

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
m107	Have you ever been taught about AIDS or HIV infection in school?			Question removed	
		m208	Have you ever been taught in school about sexually transmitted infections or diseases (STIs or STDs) or pregnancy prevention?	New question	
		m210	Do you agree or disagree that doing your schoolwork was more difficult during the COVID-19 pandemic than before the pandemic started?	New question	
		m211	During the COVID-19 pandemic, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)	New question	

SECTION F: MIYHS Modified Variables – 2019 to 2021

HS Survey Changes:

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
h9	Which of the following best describes you?	h9a	Which of the following best describes you?	Change to answer options (See codebook)	Moderate
		hn9a_3	Percentage of students who answered "Gay or lesbian", "Bisexual", or "I describe my sexual identity some other way"	New Answer of Interest	
		h9a_2	Percentage of students who answered "I am not sure about my sexual identity (questioning)"	New Answer of Interest	
h10a	When you rode a bicycle during the past 12 months, how often did you wear a helmet?	h10b	When you rode a bicycle during the past 12 months, how often did you wear a helmet?	Added bolding	Minor
hn11	Percentage of students who answered "Never" or "Rarely"			Removed Answer of Interest	
hn213	Among students who drive, the percentage of students who answered "Never" or "Rarely"			Removed Answer of Interest	
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?	h13a	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?	Added bolding	Minor
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?			Removed question	
		h282	During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been using marijuana (also called pot or weed)?	New question	
hn230	Percentage of students who answered at least 1 time	hn230a	Among students who drove a car or other vehicle during the past 30 days, the percentage of students who answered at least 1 time	Corrected wording of Answer of Interest	
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	h22a	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	Bolded "a"	Minor

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
	school property?		school property?		
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?			Question removed	
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 ?			Question removed	
h29	Have you been forced (physically or otherwise) to have sexual contact? (Select only one response.)	h29b	Have you been forced (physically or otherwise) to have sexual contact? (Select only one response.)	Change to answer option wording (See codebook)	Moderate
h32a	How often is the following statement true for you? "I resolve conflicts without anyone getting hurt."			Question removed	
h35	During the past 12 months, have you ever been bullied away from school property?			Question removed	
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?	h285	Has anyone ever made offensive racial comments or attacked you at school based on your race or ethnicity?	Change in question wording	Major
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?	h286	Has anyone ever made offensive comments or attacked you at school because of your perceived sexual orientation?	Change in question wording	Major
h39	Has anyone ever made offensive sexual comments to you at school or on your way to or from school?	h287	Has anyone ever made offensive sexual comments to you at school?	Change in question wording	Major
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)?	h288	Has anyone ever made offensive comments or attacked you at 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)?	Change in question wording	Major
h41	What are the chances you would be seen as cool if you defended someone who was being verbally abused at school?	h265	What are the chances you would intervene or defend someone being verbally abused or bullied at school?	Change in question wording	Major

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
		hn62_2	Among students who reported current cigarette use, the percentage of students who answered 2-10 cigarettes per day	New Answer of Interest	
h204	During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?			Deleted	
h54	How wrong do your parents feel it would be for you to smoke cigarettes?			Question removed	
		h283	How wrong do your parents feel it would be for you to use any tobacco products?	New question	
hn56_2	Among students under the age of 18, the percentage who answered "Sort of easy" or "Very easy"			Removed Answer of Interest	
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"			Removed Answer of Interest	
		hn57_2	Among students who tried to buy cigarettes during the past 30 days, the percentage of students who answered "Yes"	New Answer of Interest	
h68	Think of your four best friends. How many in the past year have smoked cigarettes?	h68a	Think of your closest friends. How many in the past year have smoked cigarettes?	Change in question wording	Minor
h70	If one of your best friends offered you a cigarette, would you smoke it?	h70a	If one of your closest friends offered you a cigarette, would you smoke it?	Change in question wording	Minor
		hn75a_2	Among students under the age of 16, the percentage who answered at least 1 day	New Answer of Interest	
h76	Besides yourself, does anyone who lives in your home smoke cigarettes now?			Question removed	
h248	The last time you used an electronic vapor product, what was in the vapor you inhaled?	h248a	The last time you used an electronic vapor product, what was in the vapor you inhaled?	Change to answer options (See codebook)	Minor
h240a	During the past 30 days, how did you usually get your electronic vapor products? (Select only one response.)	h240b	During the past 30 days, how did you usually get your electronic vapor products? (Select only one response.)	Change to answer options (See codebook)	Major
		hn240b_2	Among those who have used an electronic vapor product during the past 30 days, the percentage of students who bought their electronic vapor product at an in-person store, shop, or kiosk	New Answer of Interest	

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
		h268	How much do you think people risk harming themselves (physically or in other ways) if they use electronic vapor products every day?	New question	
		h269	How wrong do you think it is for someone your age to use electronic vapor products?	New question	
		h270	If you wanted to get electronic vapor products, how easy would it be for you to get one?	New question	
h251a	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	h251b	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	Bolded "not"	Minor
		hnanytob_3	Calculated variable (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)	New calculated variable	
		h283	How wrong do your parents feel it would be for you to use any tobacco products?	New question	
		hn59_2	Percentage of students who answered "A lot" or "Sometimes"	New Answer of Interest	
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?			Removed question	
		h266	During the past 12 months, did you ever try to quit using all tobacco products?	New question	
h65	Do you think you would be able to quit smoking cigarettes if you tried?			Removed question	
		h267	Do you think you would be able to quit using tobacco products if you wanted to?	New question	

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
h78	During your life, on how many days have you had at least one drink of alcohol?			Question removed	
		hn79_3	Percentage of students who have ever drank alcohol	New Answer of Interest	
h87	If a kid drank some alcohol in your neighborhood, would he or she be caught by the police?	h87a	If a kid drank some alcohol in your community, would he or she be caught by the police?	Change to question wording	Minor
h91a	How wrong would most adults over 21 in your neighborhood think it is for kids your age to drink alcohol?	h91b	How wrong do adults in your community think it is for kids your age to drink alcohol?	Change to question wording	Minor
h95	Think of your four best friends. How many in the past year have tried alcohol when their parents didn't know about it?	h95a	Think of your closest friends. How many in the past year have tried alcohol when their parents didn't know about it?	Change to question wording	Minor
h261	During the past 30 days, how did you usually use marijuana? (Select only one response.)	h261a	During the past 30 days, how did you usually use marijuana? (Select only one response.)	Added bolding	Minor
h257	If a kid used marijuana in your neighborhood, would he or she be caught by the police?	h257a	If a kid used marijuana in your community, would he or she be caught by the police?	Change to question wording	Minor
h256	How wrong do you think it is for someone your age to use marijuana?			Question removed	
		h271	Do you think using marijuana would negatively impact your goals or future?	New question	
h109	During the past 30 days, how many times did you use marijuana on school property?	h109a	During the past 30 days, how many times did you use marijuana on school property ?	Added bolding	Minor
h110	Think of your four best friends. How many in the past year have used marijuana?	h110a	Think of your closest friends. How many in the past year have used marijuana?	Change to question wording	Minor
		h272	During your life, how many times have you used a prescription stimulant (such as Adderall or Ritalin) without a doctor's prescription or differently than how a doctor told you to use it?	New question	
		h273	If you wanted to get a prescription stimulant like Adderall or Ritalin, how easy would it be for you to get some?	New question	
		h274	Think of your closest friends. How many in the past year have used a prescription stimulant such as Adderall or Ritalin without a doctor's prescription or differently than	New question	

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
			how a doctor told them to use it?		
h121	During your life, how many times have you used ecstasy (also called MDMA)?	h121a	During your life, how many times have you used ecstasy (also called MDMA or Molly)?	Added bolding and added "Molly" to product list	Minor
h122	During your life, how many times have you taken steroid pills or shots without a doctor's prescription?			Question removed	
h233	During your life, how many times have you used hallucinogenic drugs, such as LSD, acid, PCP, angel dust, mescaline, or mushrooms?	h223a	During your life, how many times have you used hallucinogenic drugs, such as LSD, acid, PCP, Special K, angel dust, mescaline, or mushrooms?	Added "Special K" to product list	Minor
h124	During your life, how many times have you used a needle to inject any illegal drug into your body?	h124a	During your life, how many times have you used a needle to inject any illegal drug into your body?	Added bolding	Minor
h125	If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?			Question removed	
h132	Think of your four best friends. How many in the past year have used LSD, cocaine, amphetamines, or other illegal drugs?			Question removed	
h126	How many times in the past year (12 months) have you been drunk or high at school ?	h126a	During the past 12 months, how many times have you been drunk or high at school ?	Change to question wording	Minor
hncrpad	Calculated Variable (Perceived Availability of Drugs Scale -- High Risk)			Removed calculated variable	
		hncrpad_2	Calculated Variable (Perceived Availability of Drugs Scale -- High Risk)	New calculated variable	
hnprfud	Calculated Variable (Peers Use of Drugs Scale -- High Risk)			Removed calculated variable	
		hnprfud_2	Calculated Variable (Peers Use of Drugs Scale -- High Risk)	New calculated variable	
h226	The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy ? (Select only one response.)	h226a	The last time you had sexual intercourse with an opposite-sex partner, what one method did you or your partner use to prevent pregnancy ? (Select only one response.)	Change to question and answer option wording (See codebook)	Moderate

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
		hnfrvg_2	Calculated Variable (Percentage of students who ate fruit and/or vegetables five or more times per day during the past seven days)	New calculated variable	
		hn207a_2	Percentage of students who answered "I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days"	New Answer of Interest	
h166	On an average school day, how many hours do you watch TV?			Question removed and replaced with h275	
h167d	On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent playing games, watching videos, texting, or using social media on your smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)			Question removed and replaced with h275	
hnscreen	Calculated Variable (Percentage of students watching 2 or fewer hours of combined screen time (tv, video games, computer) per day on an average school day)			Calculated Variable removed and replaced with h275	
		h275	On an average school day, how many hours do you spend in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media (also called "screen time")? (Do not count time spent doing schoolwork.)	New question	
h252	On an average day, about how many hours do you use social media? (Social media includes apps such as Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	h252a	On an average day, about how many hours do you use social media? (Social media includes apps such as TikTok, YouTube, Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	Change to question wording	Moderate
h239	Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)	h239a	Do any of your classroom teachers provide short physical activity breaks during regular class time? (Do not count your physical education teacher.)	Added bolding	Minor

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
h147	Have you ever been taught about AIDS or HIV infection in school?			Question removed	
		h281	Have you ever been taught in school about sexually transmitted infections or diseases (STIs or STDs) or pregnancy prevention?	New question	
h170	Has a doctor or nurse ever told you that you have asthma?	h170a, hnltastha, hn171_2a, hncrastha	Has a doctor, nurse, or other adult ever told you that you have asthma?	Change to question wording	Moderate
		h279	During the past 30 days, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)	New question	
h173	Has a doctor or nurse ever told you that you have diabetes?	h173a, hndiaba	Has a doctor, nurse, or other adult ever told you that you have diabetes?	Change to question wording	Moderate
h177	Do you have any physical disabilities or long-term health problems lasting or expected to last 6 months or more?	h177a, hndisab_b	Do you have any physical disabilities or long-term health problems? (Long-term means 6 months or more.)	Change to question wording	Minor
		hn177a_2	Percentage of students who answered "Yes" (Excludes "Not sure" responses)	New Answer of Interest	
h178	Do you have any long-term emotional or behavioral problems lasting or expected to last 6 months or more?	h178a, hndisab_b	Do you have any long-term emotional or behavioral problems? (Long-term means 6 months or more.)	Change to question wording	Minor
		hn178a_2	Percentage of students who answered "Yes" (Excludes "Not sure" responses)	New Answer of Interest	
		hndisab_b_2	Calculated Variable (Percentage of students who have a disability (Excludes "Not sure" responses from h177a & h178a))	New calculated variable	
h181	Where do you usually go for health care (for example, check-ups, when you are sick, etc.)?			Question removed	
		h280	How long has it been since you last saw a doctor or healthcare provider for a wellness visit, physical, or general-purpose check-up?	New question	
h182	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	h182a	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	Change to answer options (See codebook)	Minor

2019 Variable	2019 Question Wording	2021 Variable	2021 Question Wording	Change Made	Type of Change
		h276	During the COVID-19 pandemic, how often did you go hungry because there was not enough food in your home?	New question	
		h277	Do you agree or disagree that doing your schoolwork was more difficult during the COVID-19 pandemic than before the pandemic started?	New question	
		h278	During the COVID-19 pandemic, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)	New question	
		h284	Have you ever had a paid job, other than work around the house?	New question	
h264	How often do you feel your school cares about kids and encourages them?	h264a	How often do you feel the people at your school care about students and encourage them?	Change to question wording	Minor
		hn183a_2	Percentage of students who answered at least 10 times	New Answer of Interest	
		hn184a_2	Among those who have gambled, the percentage of students who answered "Yes"	New Answer of Interest	

SECTION G: MIYHS Modified Variables – 2021 to 2023

5/6 Survey Changes:

2021 Variable	2021 Question Wording	2023 Variable	2023 Question Wording	Change Made	Type of Change
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			Calculated variable removed- no longer measuring height and weight	
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			Calculated variable removed- no longer measuring height and weight	
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			Calculated variable removed- no longer measuring height and weight	
enowtob	Percentage of students who were either overweight or obese (i.e. at or above the 85th percentile for body mass index, by age and sex) -- MEASURED HEIGHT/WEIGHT			Calculated variable removed- no longer measuring height and weight	
e6b	What language is spoken most often at home? (Select only one response)	e6c	What language is spoken most often at home? (Select only one response)	Change to answer options (see codebook)	Major
		en9a_2	Among students who ride a bicycle, the percentage of students who answered "Always"	New answer of interest	
e13	Have you ever tried cigarette smoking, even one or two puffs?	e13a	Have you ever smoked a cigarette, even one or two puffs?	Change to question wording	Minor
N/A	N/A	entobsus_2a	Percentage of students who are susceptible to cigarette use (among students who have never tried cigarettes)	E13a modification	Minor
		e78	Do you think you will try an electronic vapor product soon?	New question	
e21	How wrong do your parents feel it would be for you to drink alcohol regularly?	e21a	How wrong do your parents or guardians feel it would be for you to drink alcohol regularly?	Change to question wording	Minor

		e79	During the past 30 days, how many times did you use marijuana?	New question	
		e80	If you wanted to get some marijuana, how easy would it be for you to get some?	New question	
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?			Question removed	
		en64	Percentage of students who at fruit 2 or more times yesterday	New Answer of Interest	
		en64_2	Percentage of students who ate less than 1 fruit yesterday	New Answer of Interest	
		en66_2	Percentage of students who answered 0 times	New Answer of Interest	
		en68_3	Percentage of students who answered 0 days	New Answer of Interest	
e62	On an average school day, how long after school are you alone without a parent or trusted adult?	e62a	On an average school day, how long after school are you alone without a parent or trusted adult?	Added answer option (See codebook)	Major
		en67a_2	Percentage of students who answered 0 days	New Answer of Interest	
e38b	Has a doctor, nurse, or asthma educator ever taught you what to do during an asthma episode or attack?			Question Removed	
e38b	Has a doctor, nurse, or asthma educator ever taught you what to do during an asthma episode or attack?			Question Removed	
e70	During the past month, has asthma limited your usual activities?			Question Removed	
e71a	During this school year, have you missed school because of your asthma?			Question Removed	

e72	During the past month, did your asthma make it difficult for you to stay asleep?			Question Removed	
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?			Question Removed	
e60a	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	e60b	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	Change to answer option (See codebook)	Minor
e49	Do you agree or disagree that you have parents who try to help you succeed?	e49a	Do you agree or disagree that you have parents or guardians who try to help you succeed?	Change to question wording	Minor

SECTION G: MIYHS Modified Variables – 2021 to 2023

MS Survey Changes:

2021 Variable	2021 Question Wording	2023 Variable	2023 Question Wording	Change Made	Type of Change
N/A	N/A	mnnowt	Percentage of students who had 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	Updated answer of interest	Minor
N/A	N/A	mnobese	Percentage of students who had obesity (i.e., at or above the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	Updated answer of interest	Minor
N/A	N/A	mnnowtob	Percentage of students who had overweight or obesity (i.e. at or above the 85th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	Updated answer of interest	Minor
N/A	N/A	mnhlthwt	Percentage of students who had 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	Updated answer of interest	Minor

m8b	What language is spoken most often at home? (Select only one response.)	m8c	What language is spoken most often at home? (Select only one response.)	Updated answer options (See codebook)	Major
		mn213_3	Percentage of students who answered "Gay or lesbian", "Bisexual", "I describe my sexual identity some other way", or "I am not sure about my sexual identity (questioning)"	New answer of interest	
mn213	Percentage of students who answered "Gay or lesbian", "Bisexual", or "I describe my sexual identity some other way"			Deleted answer of interest	
mn213_2	Percentage of students who answered "I am not sure about my sexual identity (questioning)"			Deleted answer of interest	
		m214	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?	New question	
		mnlgbtq	Percentage of students who identified as LGBTQ+	New calculated variable	
		mn9_2	Among students who ride a bicycle, the percentage of students who answered "Always"	New answer of interest	
m200	Have you ever ridden in a car or other vehicle driven by someone who had been using marijuana (also called pot or weed)?	m200a	Have you ever ridden in a car or other vehicle driven by someone who had been using marijuana (also called pot, weed, or cannabis)?	Changed wording in question	Minor
m154b	When you have felt sad or hopeless, from whom did you get help? (Select only one response.)	m215	When you have felt sad or hopeless, from whom did you get help? (Select only one response.)	Added and updated answer options (See codebook)	Major change
		mn215_2	Among students who have ever felt sad or hopeless, the percentage of students who answered that they got help from a teacher or other school staff member	New answer of Interest	
		mn215_3	Among students who have ever felt sad or hopeless, the percentage of students who sought help from each source	New calculated variable	
m42	Have you ever tried cigarette smoking, even one or two puffs?	m42a	Have you ever smoked a cigarette, even one or two puffs?	Question wording change	Minor

m43	During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day ?			Question removed	
		mn182a	Among those who have used an electronic vapor product, the percentage of students who answered 'Nicotine'	Correcting the AOI wording, actual AOI didn't change	
		mn182a_2	Among those that have used an electronic vapor product, the percentage of students who answered 'Marijuana, THC, or hash oil'	Correcting the AOI wording, actual AOI didn't change	
		mn182a_3	Among those who have used an electronic vapor product, the percentage of students who answered each option	New AOI	
		m216	During the past 30 days, what flavor of electronic vapor product did you use most often? (Select only one response.)	New question	
		mn216_2	Among students that have used an electronic vapor product during the past 30 days, the percentage of students who reported each flavor	New calculated variable	
m204	If you wanted to get an electronic vapor product, how easy would it be for you to get one?	m204a	If you wanted to get electronic vapor products, how easy would it be for you to get some?	Question wording change	Minor
m181b	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	m181c	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges? (Do not count any electronic vapor products.)	Added examples in question	Minor
m30	During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars ?	m30a	During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars , such as Swisher Sweets, Middleton's (including Black & Mild), or Backwoods?	Added examples in question	Minor
		mnanytobb	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	m181c and m30a modifications	Minor
		mnanytobb_2	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	m181c and m30a modifications	Minor

		mnanytobb_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	m181c and m30a modifications	Minor
m212	How wrong do your parents feel it would be for you to use any tobacco products?	m212a	How wrong do your parents or guardians feel it would be for you to use any tobacco products?	Updated question wording	Minor
		mn62a_2	Among students that reported alcohol use during the past 30 days in m61, the percentage of students who answered at least 1 day	New answer of interest	
		mn63b_2	Among students who reported alcohol use during the past 30 days, the percentage of students who got the alcohol from each source	New calculated variable	
m66	If you drank some alcohol without your parents' permission, would you be caught by your parents?	m66a	If you drank some alcohol without your parents' or guardians' permission, would you be caught by your parents or guardians?	Updated question wording	Minor
m69a	If a kid drank some alcohol in your community, would he or she be caught by the police?	m69b	If a kid drank some alcohol in your community, would they be caught by the police?	Updated question wording	Minor
m73a	Think of your closest friends. How many in the past year have tried alcohol when their parents didn't know about it?			Question removed	
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?	m165a	How wrong do your parents or guardians feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?	Updated question wording	Minor
		m217	During the past 30 days, how did you usually get the marijuana you used?	New question	
		mn217_2	Among students who reported marijuana use during the past 30 days, the percentage of students who got the marijuana from each source	New calculated variable	
m193	How wrong do your parents feel it would be for you to use marijuana?	m193a	How wrong do your parents or guardians feel it would be for you to use marijuana?	Updated question wording	Minor
m196a	If a kid used marijuana in your community, would he or she be caught by the police?	m196b	If a kid used marijuana in your community, would they be caught by the police?	Updated question wording	Minor

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?			Question removed	
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?	m88b	During the past 30 days, how many times did you take a prescription drug (such as Adderall, Ritalin, Xanax, OxyContin, Percocet, Vicodin, or codeine) without a doctor's prescription?	Reordered medication examples	Minor
m176	How wrong do your parents feel it would be for you to take prescription drugs not prescribed to you?	m176a	How wrong do your parents or guardians feel it would be for you to take prescription drugs not prescribed to you?	Updated question wording	Minor
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?	m184a	If you wanted to get prescription drugs (such as Adderall, Ritalin, Xanax, OxyContin, Percocet, Vicodin, or codeine) that were not prescribed to you, how easy would it be to get some?	Reordered medication examples	Minor
m97	Has anyone offered, sold, or given you an illegal drug on school property ?	m218	Has anyone offered, sold, or given you alcohol or drugs on school property ?	Change question wording	Major Change
		mn102_2	Among students who have had sexual intercourse, the percentage of students who answered before age 11	New answer of interest	
		mn103_2	Among students who have had sexual intercourse, the percentage of students who answered at least 3 people	New answer of interest	
mn101	Among students who ever had sexual intercourse, the percentage of students who answered "Yes"	mn101	Among students who have had sexual intercourse, the percentage of students who answered "Yes"	corrected wording of answer of interest	minor
		m219	During the past 30 days, have you received unwanted sexually suggestive or revealing messages, images, photos, or videos via text, app, or social media?	New question	
		m116	Percentage of students who ate fruit two or more times per day during the past seven days	Added answer of interest	
		mn116_2	Percentage of students who ate fruit less than 1 time per day during the past seven days	New answer of interest	

		m220	In an average week when you are in school, on how many days do you walk, ride your bike, or roll to school when weather allows you to do so?	New question	
m129a	Has a doctor, nurse, or other adult ever told you that you have asthma?	m129	Has a doctor or nurse ever told you that you have asthma?	Modified back to 2019 wording - YRBS asked us to change this question back	Major
m129a	N/A	mnltasth	Percentage of students with lifetime asthma (Excludes "Not sure" responses from m129)	(AOI modified due to change to m129)	Major
m130	Do you still have asthma?	mn130_2	Among students who reported to have asthma in m129, the percentage of students who answered "Yes"	(AOI modified due to change to m129)	Major
N/A	N/A	mncrasth	Percentage of students with current asthma (Excludes "Not sure" responses from m129 and m130)	(AOI modified due to change to m129)	Major
m170	During the past 12 months, about how many days did you miss school because of your asthma?	mn170_2	Among students who reported to have asthma in m129, the percentage of students who answered 1 or more days	AOI modified due to change to m129	Major
m132a	Has a doctor, nurse, or other adult ever told you that you have diabetes?	m132	Has a doctor or nurse ever told you that you have diabetes?	modified back to 2019 wording to be consistent with YRBS ask to change asthma version of this question	Major
		mndiab	Percentage of students with diagnosed diabetes (Excludes "Not sure" responses from m132)	AOI modified back to 2019 wording	Major
		m221	Have you ever had the HPV vaccine? (This is sometimes called the HPV shot or Gardasil.)	New Question	
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)?			Question Removed	
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.)	m135b	During the past 12 months, how many times did you use an indoor tanning device such as a sunlamp, sunbed or tanning booth? (Do not count getting a spray-on tan.)	Question wording change	Minor

m207	How long has it been since you last saw a doctor or healthcare provider for a wellness visit, physical, or general-purpose check-up?	m222	When was the last time you saw a doctor or nurse for a check-up or physical exam when you were not sick or injured?	Question Wording change	Major
m141a	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	m141b	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	Answer wording change and answer of interest (See codebook)	Minor
mn141_2a	Percentage of students who answered "Less than a year (12 months) ago" (Excludes "Not sure" responses from m141a)	mn141b_2	Percentage of students who answered "During the past 12 months" (Excludes "Not sure" responses from m141b)	Answer of interest update	Minor
m210	Do you agree or disagree that doing your schoolwork was more difficult during the COVID-19 pandemic than before the pandemic started?			Question removed	
m211	During the COVID-19 pandemic, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)			Question removed	
m144	How often does one of your parents talk with you about what you are doing in school?	m144a	How often does one of your parents or guardians talk with you about what you are doing in school?	Question wording update	Minor
		mn185b_2	Percentage of students who answered 0 days	New Answer of Interest	
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.)	m223	Have you ever gambled on a sports team, gambled when playing cards or a dice game, played one of your state's lottery games, gambled on the Internet, or bet on a game of personal skill such as pool or a video game?	Question wording change and variable change	Major

SECTION G: MIYHS Modified Variables – 2021 to 2023

HS Survey Changes:

2021 Variable	2021 Question Wording	2023 Variable	2023 Question Wording	Change Made	Type of Change
		hnowt	Percentage of students who had 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	Changed AOI to person-first language	Minor
		hnobese	Percentage of students who had obesity (i.e., at or above the 95th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	Changed AOI to person-first language	Minor
		hnowtob	Percentage of students who had either overweight or obesity (i.e. at or above the 85th percentile for body mass index, by age and sex) -- SELF-REPORTED HEIGHT/WEIGHT	Changed AOI to person-first language	Minor
		hnhlthwt	Percentage of students who had 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	Changed AOI to person-first language	Minor
h8a	What language is spoken most often at home? (Select only one response.)	h8b	What language is spoken most often at home? (Select only one response.)	Updated language options	Major
		hn9a_4	Percentage of students who answered "Gay or lesbian", "Bisexual", "I describe my sexual identity some other way", or "I am not sure about my sexual identity (questioning)"	New answer of interest	
hn9a_3	Percentage of students who answered "Gay or lesbian", "Bisexual", or "I describe my sexual identity some other way"			Deleted answer of interest	
hn9a_2	Percentage of students who answered "I am not sure about my sexual identity (questioning)"			Deleted answer of interest	

		hnlgbtq	Percentage of students who identified as LGBTQ+	New calculated variable	
		hn10b_2	Among students who rode a bicycle in the past 12 months, the percentage of students who answered "Always"	New answer of interest	
h214	During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol ?	h214a	During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol ?	Added answer option (See codebook)	Moderate
h282	During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been using marijuana (also called pot or weed)?	h282a	During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been using marijuana (also called pot, weed, or cannabis)?	Question wording change	Minor
		h289	During the past 30 days, how many times did you drive a car or other vehicle when you had been using marijuana (also called pot, weed, or cannabis)?	New question	
h24	During the past 12 months, how many times were you in a physical fight ?			Question removed	
		h290	During your life, how often have you felt that you were treated badly or unfairly in school because of your race or ethnicity?	New question	
h288	Has anyone ever made offensive comments or attacked you at 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)?	h291	Has anyone ever made offensive comments or attacked you at school because of how you express your gender?	Question wording change	Major
h43b	During the past 12 months, when you felt sad or hopeless, from whom did you get help? (Select only one response.)	h292	During the past 12 months, when you felt sad or hopeless, from whom did you get help? (Select only one response.)	Answer options updated (See codebook)	Major
		hn292_2	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 a teacher or other school staff member	Answer of interest changed	Major

		h292_3	Among students who have ever felt sad or hopeless during the past 12 months, the percentage of students who sought help from each source	New calculated variable	
h61	Have you ever tried cigarette smoking, even one or two puffs?	h61a	Have you ever smoked a cigarette, even one or two puffs?	Question wording change YRBS change	Moderate
h62	During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day ?			Question removed	
h68a	Think of your closest friends. How many in the past year have smoked cigarettes?			Question removed	
		hn248a	Among those who have used an electronic vapor product, the percentage of students who answered 'Nicotine'	Correcting the Answer of interest wording, actual AOI didn't change	
		hn248a_2	Among those who have used an electronic vapor product, the percentage of students who answered 'Marijuana, THC, or hash oil'	Correcting the Answer of interest wording, actual AOI didn't change	
		hn248a_3	Among those who have used an electronic vapor product, the percentage of students who answered each option	New calculated variable	
		h293	During the past 30 days, what flavor of electronic vapor product did you use most often? (Select only one response.)	New question	
		hn293_2	Among students that have used an electronic vapor product during the past 30 days, the percentage of students who reported each flavor	New calculated variable	
		hn240b_3	Among students who have used electronic vapor products in the past 30 days, the percentage of students who got them from each source	New calculated variable	
h270	If you wanted to get electronic vapor products, how easy would it be for you to get one?	h270a	If you wanted to get electronic vapor products, how easy would it be for you to get some?	Question wording changed	Minor
		h294	During the past 12 months, did you ever try to quit using electronic vapor products?	New question	

h251b	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, or Camel Snus? (Do not count any electronic vapor products.)	h251c	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges? (Do not count any electronic vapor products.)	Question wording changed to add in examples	Minor
h49	During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars ?	h49a	During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars , such as Swisher Sweets, Middleton's (including Black & Mild), or Backwoods?	Question wording changed to add in examples	Minor
N/A	N/A	hnanytobb	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	h251c and h49a modifications	Minor
N/A	N/A	hnanytobb_2	Percentage of students who smoked cigarettes or cigars, used an electronic vapor product, or used chewing tobacco, snuff, or dip on one or more of the past 30 days.	h251c and h49a modifications	Minor
N/A	N/A	hnanytobb_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	h251c and h49a modifications	Minor
h57	During the past 30 days, did anyone ever refuse to sell you cigarettes because of your age?	h295	During the past 30 days, did anyone ever refuse to sell you any tobacco products because of your age?	Question wording and answers changed (See codebook)	Major
h283	How wrong do your parents feel it would be for you to use any tobacco products?	h283a	How wrong do your parents or guardians feel it would be for you to use any tobacco products?	Question wording changed	Minor
h266	During the past 12 months, did you ever try to quit using all tobacco products?	h296	During the past 12 months, did you ever try to quit using all tobacco products?	Answer option changed (See codebook)	Major
		hn82b_2	Among students who reported alcohol use during the past 30 days, the percentage of students who got the alcohol from each source	New calculated variable	
h86	If you drank some alcohol without your parents' permission, would you be caught by your parents?	h86a	If you drank some alcohol without your parents' or guardians' permission, would you be caught by your parents or guardians?	Question wording changed	Minor

h87a	If a kid drank some alcohol in your community, would he or she be caught by the police?	h87b	If a kid drank some alcohol in your community, would they be caught by the police?	Question wording changed	Minor
h95a	Think of your closest friends. How many in the past year have tried alcohol when their parents didn't know about it?			Question removed	
hn95_2a	Think of your closest friends. How many in the past year have tried alcohol when their parents didn't know about it?			Question removed	
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?	h219a	How wrong do your parents or guardians feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day?	Question wording changed	Minor
		hn261a_2	Among students who used marijuana in the past 30 days, the percentage of students who answered each option	New calculated variable	
		h297	During the past 30 days, how did you usually get the marijuana you used?	New question	
		h297_2	Among students who reported marijuana use during the past 30 days, the percentage of students who got the marijuana from each source	New calculated variable	
h260	How wrong do your parents feel it would be for you to use marijuana?	h260a	How wrong do your parents or guardians feel it would be for you to use marijuana?	Question wording changed	Minor
h257a	If a kid used marijuana in your community, would he or she be caught by the police?	h257b	If a kid used marijuana in your community, would they be caught by the police?	Question wording change	Minor
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?			Question removed	
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?	h113b	During the past 30 days, how many times did you take a prescription drug (such as Adderall, Ritalin, Xanax, OxyContin, Percocet, Vicodin, or codeine) without a doctor's prescription?	Reordered medication examples	Minor
h224	How wrong do your parents feel it would be for you to take a prescription drug not prescribed to you?	h224a	How wrong do your parents or guardians feel it would be for you to take a prescription drug not prescribed to you?	Question wording change	Minor

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?	h242a	If you wanted to get prescription drugs (such as Adderall, Ritalin, Xanax, OxyContin, Percocet, Vicodin, or codeine) that were not prescribed to you, how easy would it be to get some?	Reordered medication examples	Minor
h127	How many times in the past year (12 months) have you sold illegal drugs?	h298	During the past 12 months, how many times have you sold illegal or legal drugs?	Question wording change	Major
h114	During the past 12 months, has anyone offered, sold, or given you an illegal drug on school property ?	h299	During the past 12 months, has anyone offered, sold, or given you alcohol or drugs on school property ?	Question wording change	Major
hnprfud_2	Peers Use of Drugs Scale -- High Risk			deleted - h68a and h95a deleted in 2023, so this variable cannot be calculated anymore.	
		hn138_2	Among students who have had sexual intercourse, the percentage of students who answered before age 13	New answer of interest	
		hn139_2	Among students who have had sexual intercourse, the percentage of students who answered at least 4 people	New answer of interest	
		hn141_2	Among students who have had sexual intercourse, the percentage of students who answered "Yes"	New answer of interest	
		hn226_7a	Among students who have had sexual intercourse with an opposite sex partner, the percentage of students who reported each pregnancy prevention method	New calculated variable	
		h300	During the past 30 days, have you received unwanted sexually suggestive or revealing messages, images, photos, or videos via text, app, or social media?	New question	
		hn157	Percentage of students who ate fruit two or more times per day during the past seven days	Added answer of interest	
		hn157_2	Percentage of students who ate fruit less than 1 time per day during the past seven days	New answer of interest	
		h301	During the past 30 days, how often did you go hungry because there was not enough food in your home?	New question	

		h302	In an average week when you are in school, on how many days do you walk, ride your bike, or roll to school when weather allows you to do so?	New question	
h170a	Has a doctor, nurse, or other adult ever told you that you have asthma?	h170	Has a doctor or nurse ever told you that you have asthma?	Modified back to 2019 wording	Major
		hnlstasth	Percentage of students with lifetime asthma (Excludes "Not sure" responses from h170)	(AOI modified due to change to h170)	Major
		hn171_2	Among students who reported to have asthma in h170, the percentage of students who answered "Yes"	(AOI modified due to change to h170)	Major
		hncrasth	Percentage of students with current asthma (Excludes "Not sure" responses from h170 and h171)	(AOI modified due to change to h170)	Major
h173a	Has a doctor, nurse, or other adult ever told you that you have diabetes?	h173	Has a doctor or nurse ever told you that you have diabetes?	Modified back to 2019 wording to be consistent with YRBS ask to change asthma version of this question	Major
		hndiab	Percentage of students with diagnosed diabetes (Excludes "Not sure" responses from h173)	AOI modified back to 2019 wording	Major
		h303	Have you ever had the HPV vaccine? (This is sometimes called the HPV shot or Gardasil.)	New question	
		h303	Have you ever had the HPV vaccine? (This is sometimes called the HPV shot or Gardasil.)	New question	
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)?			Question removed	
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.)	h176b	During the past 12 months, how many times did you use an indoor tanning device such as a sunlamp, sunbed, or tanning booth? (Do not count getting a spray-on tan.)	Question wording changed	Minor

h280	How long has it been since you last saw a doctor or healthcare provider for a wellness visit, physical, or general-purpose check-up?	h304	When was the last time you saw a doctor or nurse for a check-up or physical exam when you were not sick or injured?	Question wording changed; switched versions	Major
h182a	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	h182	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work?	Modified back to 2019 wording for answers (See codebook)	Moderate
		hn182_2	Percentage of students who answered "During the past 12 months" (Excludes "Not sure" responses from h182)	Modified back to 2019 wording AOI	Moderate
h276	During the COVID-19 pandemic, how often did you go hungry because there was not enough food in your home?			Question removed	
h277	Do you agree or disagree that doing your schoolwork was more difficult during the COVID-19 pandemic than before the pandemic started?			Question removed	
h278	During the COVID-19 pandemic, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.)			Question removed	
		h305	Which of the following are you most likely to do after you complete high school? (Select only one response.)	New question	
h187	How often does one of your parents talk with you about what you are doing in school?	h187a	How often does one of your parents or guardians talk with you about what you are doing in school?	Question wording changed	Minor
		hn243a_2	Percentage of students who answered 0 days	New answer of interest	
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.)	h306	In your lifetime, how many times have you gambled on a sports team, gambled when playing cards or a dice game, played one of your state's lottery games, gambled on the Internet, or bet on a game of personal skill such as pool or a video game?	Question wording change	Major

SECTION H: MIYHS Modified Variables – 2023 to 2025

5/6 Survey Changes:

2023 Variable	2023 Question Wording	2025 Variable	2025 Question Wording	Change Made	Type of Change
e4	Are you Hispanic or Latino?			Question Removed	
e5aa e5b e5c e5d e5e	What is your race? (Select one or more responses.)	e82a e82b e82c e82d e82e e82f e82g	What is your race and/or ethnicity? (Select one or more responses.)	Question updated to a combined race and ethnicity question. See Codebook for new answer options	Major
raceeth	N/A	raceeth_2	Race/Ethnicity	Updated to match new race ethnicity question	Major
		en15_2	Percentage of students who answered "I definitely will not"	New Answer of Interest	
		en17_2	Percentage of students who answered "Definitely not"	New Answer of Interest	
		en78_2	Percentage of students who answered "I definitely will not"	New Answer of Interest	
		e81	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, dissolvable tobacco products, or nicotine pouches, such as Copenhagen, Grizzly, Skoal, Camel Snus, on!, ZYN, or Velo? (Do not count any electronic vapor products.)	New Question	

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.)			Question Deleted	
enfruit_2	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times yesterday			Variable deleted	
enonefrt	Percentage of students who consumed less than 1 fruit or 100% fruit juice yesterday			Variable deleted	
enfrvg_2	Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day yesterday			Variable deleted	
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.)	e66a	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, Prime, Red Bull, Celsius, lemonade, sweetened tea, coffee drinks, or flavored milk. Include sweetened beverages bought at a shop such as Starbucks, Dunkin Donuts or Aroma Joes. (Do not count diet soda, other diet drinks, or 100% fruit juice.)	Updated examples in the question to be more relevant	Minor
e62a	On an average school day, how long after school are you alone without a parent or trusted adult?	e62b	On an average school day, how long after school are you alone without a parent, guardian or trusted adult?	Updated question wording to include guardian	Minor
enrasth_2	Percentage of students with current asthma prevalence (Excludes "Not sure" responses from e69 and e59)	enrasthb_2	Percentage of students with current asthma prevalence (Excludes "Not sure" responses from e69 and e59)	Updated SAS code - see codebook	Major
e61a	During this school year, have you missed any school 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.	e61b	During this school year, have you missed any school 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.	Answer wording updated from "Don't know" to "Not Sure"	Minor
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?	e50a	Do you agree or disagree that at least one adult in school really cares and gives you help and support when you need it?	Question wording updated to take out "teachers" and add in "adult in school"	Major

MS Survey Changes:

2023 Variable	2023 Question Wording	2025 Variable	2025 Question Wording	Change Made	Type of Change
m4	Are you Hispanic or Latino?			Question deleted	
m5aa m5b m5c m5da m5e	What is your race? (Select one or more responses.)	m228a m228b m228c m228d m228e m228f m228g	What is your race and/or ethnicity? (Select one or more responses.)	Combines race and ethnicity question	Major
		raceeth_2	Race/Ethnicity	Updated variable to match new question	Major
		m224	During your life, how often has a parent or other adult in your home hit, beat, kicked, or physically hurt you in any way?	New Question	
		m225	During your life, how often have you felt that you were treated badly or unfairly in school because of your race or ethnicity?	New Question	
m181c	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges? (Do not count any electronic vapor products.)	m181d	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, dissolvable tobacco products, or nicotine pouches , such as Copenhagen, Grizzly, Skoal, Camel Snus, on!, ZYN, or Velo? (Do not count any electronic vapor products.)	Updated question to include nicotine pouches and update examples	Major
m201	Do you think you would be able to quit using tobacco products if you wanted to?			Question Deleted	
		m229	During the past 12 months, did you ever try to quit using all tobacco products?	New Question	

		mn229_2	Among students who reported Tobacco use during the past 12 months, the percentage of students for each response option B,C,D,E, and F.	New Answer of Interest	
m217	During the past 30 days, how did you usually get the marijuana you used?	m217a	During the past 30 days, how did you usually get the marijuana you used?	Updated answer options: see codebook	Major
mn217	Among students who reported marijuana use during the past 30 days, the percentage of students who answered "Someone gave it to me"	mn217a_3	Among students who reported marijuana use during the past 30 days, the percentage of students who answered "A friend or sibling gave it to me"	New Answer of Interest	
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.)			Question Deleted	
mnfruit	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days			Variable deleted because m115 deleted	
mnonefrt	Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days			Variable deleted because m115 deleted	
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			Variable deleted because m115 deleted	
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.)	m159b	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, Prime, Red Bull, Celsius, lemonade, sweetened tea, coffee drinks, or flavored milk? Include sweetened beverages bought at a shop such as Starbucks, Dunkin Donuts or Aroma Joe's. (Do not count diet soda, other diet drinks, or 100% fruit juice.)	Question updated to include more relevant examples	Minor
m198a	On an average day, about how many hours do you use social media? (Social media includes apps such as TikTok, YouTube, Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	m198b	On an average day, about how many hours do you use social media? (Please do not include time spent texting or playing video games.)	Updated Question wording, social media examples are now in the header prior to question	Minor

mncrsth	Percentage of students with current asthma (Excludes "Not sure" responses from m129 and m130)	mncrsthb	Percentage of students with current asthma (Excludes "Not sure" responses from m129 and m130)	Updated SAS code- see codebook	Major
		m226	During this school year, have you missed any school 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.	New Question	
		mn226_2	Percentage of students who answered "Yes" (Excludes "Not Sure" responses from m226)	New Answer of Interest	
m208	Have you ever been taught in school about sexually transmitted infections or diseases (STIs or STDs) or pregnancy prevention?	m208a	Have you ever been taught in school about sexually transmitted infections (STIs) or pregnancy prevention?	Updated question to take out STD	Minor
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?	m143a	Do you agree or disagree that at least one adult in school really cares about you and gives you help and support when you need it?	Updated Question wording	Major
		m227	During your life, how often have you felt that you were able to talk to a friend about your feelings?	New Question	

HS Survey Changes:

2023 Variable	2023 Question Wording	2025 Variable	2025 Question Wording	Change Made	Type of Change
h4	Are you Hispanic or Latino?			Question deleted	
h5aa h5b h5c h5da h5e	What is your race? (Select one or more responses.)	h312a h312b h312c h312d h312e h312f h312g	What is your race and/or ethnicity? (Select one or more responses.)	Question updated to include race and ethnicity	Major
		raceeth_2	Race/Ethnicity	Variable updated due to new race/ethnicity combined question	
h230	During the past 30 days, how many times did you text or talk on the phone while driving a car or other vehicle?	h230b	During the past 30 days, how many times did you text or talk on the phone while driving a car or other vehicle?	Updated answer option: See codebook	Moderate
		hn29b_3	Percentage of students who answered each option	New Answer of Interest	
		h307	During your life, how often has a parent or other adult in your home hit, beat, kicked, or physically hurt you in any way?	New Question	
hn290	Percentage of students who answered "Most of the time" or "Always"	hn290_2	Percentage of students who answered "Sometimes" "Most of the time" or "Always"	Answer of Interest updated to include sometimes	Moderate
		hn290_3	Percentage of students who answered each option	New Answer of Interest	

h251c	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, or dissolvable tobacco products , such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges? (Do not count any electronic vapor products.)	h251d	During the past 30 days, on how many days did you use chewing tobacco, snuff, dip, snus, dissolvable tobacco products, or nicotine pouches , such as Copenhagen, Grizzly, Skoal, Camel Snus, on!, ZYN, or Velo? (Do not count any electronic vapor products.)	Updated to include nicotine pouches and update examples	Major
h296	During the past 12 months, did you ever try to quit using all tobacco products?	h296a	During the past 12 months, did you ever try to quit using all tobacco products?	Updated all answer options: see codebook Update Answer of interest	Major
		hn296a_2	Among students who reported Tobacco use during the past 12 months, the percentage of students for each response option B,C,D,E, and F.	New Answer of interest	
		hn241a_2	The percentage who answered 5 or more drinks among all students	New answer of interest	
h297	During the past 30 days, how did you usually get the marijuana you used?	h297a	During the past 30 days, how did you usually get the marijuana you used?	Updated answer options: see codebook	Major
hn297	Among students who used marijuana during the past 30 days, the percentage of students who answered "Someone gave it to me"	hn297a_3	Among students who used marijuana during the past 30 days, the percentage of students who answered "A friend or sibling gave it to me"	Updated answer of interest	Major
h235	During your life, how many times have you used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, or Skunk)?	h235a	During your life, how many times have you used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, or Skunk) or hemp-derived products such as delta-8, delta-10 or THCO?"	Updated question to include hemp-derived products and changed answer options: see codebook	Major
		hn235a_2	Percentage of students who answered each option	New answer of interest	
hn235	Percentage of students who answered at least 1 time	hn235a	Percentage of students who have used synthetic marijuana or hemp derived products.	Changed answer of interest to match new answer options	Major
		h308	If you needed a method to prevent pregnancy or sexually transmitted infections, how easy would it be for you to get one?	New Question	

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.)			Question deleted	
hnfruit	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days			Variable deleted because no longer asking h156	
hnonefrt	Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days			Variable deleted because no longer asking h156	
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			Variable deleted because no longer asking h156	
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.)	h207b	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, Prime, Red Bull, Celsius, lemonade, sweetened tea, coffee drinks, or flavored milk? Include sweetened beverages bought at a shop such as Starbucks, Dunkin Donuts or Aroma Joe's. (Do not count diet soda, other diet drinks, or 100% fruit juice.)	Question examples updated	Minor
h301	During the past 30 days, how often did you go hungry because there was not enough food in your home?			Question deleted	
		h309	During the past 12 months, how often did the food your family bought run out and they did not have money to buy more?	New Question	
h252a	On an average day, about how many hours do you use social media? (Social media includes apps such as TikTok, YouTube, Instagram, Facebook, Snapchat, or Twitter. Please do not include time spent texting or playing video games.)	h252b	On an average day, about how many hours do you use social media? (Please do not include time spent texting or playing video games.)	Question updated. Social media examples taken out and referenced prior to the question	Minor
h262	During the past 12 months, have you been tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea?	h262a	During the past 12 months, have you been tested for a sexually transmitted infection (STI) other than HIV, such as chlamydia or gonorrhea?	Question updated. STD taken out	Minor

h281	Have you ever been taught in school about sexually transmitted infections or diseases (STIs or STDs) or pregnancy prevention?	h281a	Have you ever been taught in school about sexually transmitted infections (STIs) or pregnancy prevention?	Question updated, STD taken out	Minor
hncrasth	Percentage of students with current asthma (Excludes "Not sure" responses from h170 and h171)	hncrasthb	Percentage of students with current asthma (Excludes "Not sure" responses from h170 and h171)	Updated SAS code- see codebook	Major
		h310	During this school year, have you missed any school 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.	New Question	
		hn310_2	Percentage of students who answered "Yes" (Excludes "Not Sure" responses from m226)	New Answer of interest	
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?	h186a	Do you agree or disagree that at least one adult in school really cares about you and gives you help and support when you need it?	Question updated. Replaced "teacher" with "adult in school"	Major
		h311	During your life, how often have you felt that you were able to talk to a friend about your feelings?	New Question	