Final Variable name	Manuscript Name	Codebook Link	Page Number	Question number	Question	Recoding		
Outcomes								
thinksuicide_qn27	Ideation	2023 YRBS Data User's Guide	69	27	During the past 12 months, did you ever seriously consider attempting suicide?	1: yes -> 1 2: no -> 0		
suicideatt_qn29	Attempt	2023 YRBS Data User's Guide	70	29	During the past 12 months, how many times did you actually attempt suicide?	2: 1 time -> 1 3: 2 or 3 times-> 1 4: 4 or 5 times -> 1 5: 6 or more times-> 1 1: 0 times -> 0		
ACE variables								
qbasicneedsace_rc	Physical neglect	2023 YRBS Data User's Guide	89	99	During your life, how often has there been an adult in your household who tried hard to make sure your basic needs were met, such as looking after your safety and making sure you had clean clothes and enough to eat?	1:Never -> 1 2 Rarely -> 1 3: Sometimes -> 0 4: Most of the time -> 0 5: Always -> 0		
qemoabuseace_rc	Emotional abuse	2023 YRBS Data User's Guide	86	89	During your life, how often has a parent or other adult in your home insulted you or put you down?	2: Rarely -> 1 3: Sometimes -> 1 4: Most of the time -> 1 5: Always -> 1 1: Never -> 0		
qincarparentace_rc	Parent or guardian incarcerated or detained	2023 YRBS Data User's Guide	89	102	Have you ever been separated from a parent or guardian because they went to jail, prison, or a detention center?	1: Yes -> 1 2 No -> 0		
qintviolenceace_rc	Witnessed intimate partner violence	2023 YRBS Data User's Guide	87	91	During your life, how often have your parents or other adults in your home slapped, hit, kicked, punched, or beat each other up?	2: Rarely -> 1 3: Sometimes -> 1 4: Most of the time -> 1 5: Always -> 1 1:Never -> 0		
qlivedwabuseace_rc	Household substance use	2023 YRBS Data User's Guide	89	100	Have you ever lived with a parent or guardian who was having a problem with alcohol or drug use?	1: Yes -> 1 2: No -> 0		
qlivedwillace_rc	Household poor mental health	2023 YRBS Data User's Guide	89	101	Have you ever lived with a parent or guardian who had severe depression, anxiety, or another mental illness, or was suicidal?	1: Yes -> 1 2: No -> 0		
qphyabuseace_rc	Physical abuse	2023 YRBS Data User's Guide	86	90	During your life, how often has a parent or other adult in your home hit, beat, kicked, or physically hurt you in any way?	2: Rarely -> 1 3: Sometimes -> 1 4: Most of the time -> 1 5: Always -> 1 1: Never -> 0		
qsexabuseace_rc	Sexual abuse	2023 YRBS Data User's Guide	86	88	Has an adult or person at least 5 years older than you ever made you do sexual things that you did not want to do?	1: Yes -> 1 2: No -> 0		
ace_count	Adverse childhood experiences					Sum of 8 ace variables if >= 5 non missing values		
Demographics								
grade_rc		2023 YRBS Data User's Guide	63	3	In what grade are you?	1 -> 9th grade 2 -> 10th grade 3 -> 11th grade 4 -> 12th grade		
sex_rc		2023 YRBS Data User's Guide	63	2	What is your sex?	1 -> Female 2 -> Male		
race_eth		2023 YRBS Combined Datasets User's Guide	7		7-level variable from race and ethnicity questions:	1 -> American Indian/Alaska Native 2 -> Asian 3 -> Black or African American 4 -> Hispanic/Latino 5 -> Native Hawaiian/Other Pacific Islander 6 -> White 7 -> Multiple Races (Non-Hispanic)		
Confounders								
safetyconcernschool_qn14		2023 YRBS Data User's Guide	66	14	During the past 30 days, on how many days did you not go to school because you felt you would be unsafe at school or on your way to or from school?	2: 1 day -> 1 3: 2 or 3 days -> 1 4: 4 or 5 days -> 1 5: 6 or more days -> 1 1: 0 days -> 0		
racism_qn23		2023 YRBS Data User's Guide	69	23	During your life, how often have you felt that you were treated badly or unfairly in school because of your race or ethnicity?	2:Rarely -> 1 3:Sometimes -> 1 4:Most of the time -> 1 5:Always -> 1 1:Never -> 0		
bulliedatschool_qn24		2023 YRBS Data User's Guide	69	24	During the past 12 months, have you ever been bullied on school property?	1: Yes -> 1 2: No -> 0		
ebullied_qn25		2023 YRBS Data User's Guide	69	25	During the past 12 months, have you ever been electronically bullied?	1: Yes -> 1 2: No -> 0		
sad_qn26		2023 YRBS Data User's Guide	69	26	During the past 12 months, did you ever feel so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities?	1: Yes -> 1 2: No -> 0		
vapeever_qn35		2023 YRBS Data User's Guide	71	35	Have you ever used an electronic vapor product?	1: Yes -> 1 2: No -> 0		
ADD CIG USE Q31								

agefirstdrink_qn41 (below the age of 13)		2023 YRBS Data User's Guide and 2023 YRBS Combined Datasets User's Guide (used for binary coding)	73/43		How old were you when you had your first drink of alcohol other than a few sips?	41	2: 8 years old or younger -> 1 3: 9 or 10 years old -> 1 4: 11 or 12 years old -> 1 1: I have never had a drink of alcohol other than a few sips -> 0 5: 13 or 14 years old -> 0 6: 15 or 16 years old -> 0 7: 17 years old or older -> 0
weedever_qn46		2023 YRBS Data User's Guide	75		During your life, how many times have you used marijuana?	46	2: 1 or 2 times -> 1 3: 3 to 9 times -> 1 4: 10 to 19 times -> 1 5: 20 to 39 times -> 1 6: 40 to 99 times -> 1 7: 100 or more times -> 1 1: 0 times -> 0
heroinever_qn52		2023 YRBS Data User's Guide	77		During your life, how many times have you used heroin (also called smack, junk, or China White)?	52	2: 1 or 2 times -> 1 3: 3 to 9 times -> 1 4: 10 to 19 times -> 1 5: 20 to 39 times -> 1 6: 40 or more times -> 1 1: 0 times -> 0
methever_qn53		2023 YRBS Data User's Guide	77		During your life, how many times have you used methamphetamines (also called speed, crystal meth, crank, ice, or meth)?	53	2: 1 or 2 times -> 1 3: 3 to 9 times -> 1 4: 10 to 19 times -> 1 5: 20 to 39 times -> 1 6: 40 or more times -> 1 1: 0 times -> 0
painmeds_qn49		2023 YRBS Data User's Guide	76		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?	49	2: 1 or 2 times -> 1 3: 3 to 9 times -> 1 4: 10 to 19 times -> 1 5: 20 to 39 times -> 1 6: 40 or more times -> 1 1: 0 times -> 0
physicallyactive_qn76 (>= 5 more days)		2023 YRBS Data User's Guide and 2023 YRBS Combined Datasets User's Guide (used for binary coding)	83		During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day?	76	6: 5 days -> 1 7: 6 days -> 1 8: 7 days -> 1 1: 0 days -> 0 2: 1 day -> 0 3: 2 days -> 0 4: 3 days -> 0 5: 4 days -> 0
PEattendance_qn77		2023 YRBS Data User's Guide and 2023 YRBS Combined Datasets User's Guide (used for binary coding)	83		In an average week when you are in school, on how many days do you go to physical education (PE) classes?	77	2: 1 day -> 1 3: 2 days -> 1 4: 3 days -> 1 5: 4 days -> 1 6: 5 days -> 1 1: 0 days -> 0
playsports_qn78		2023 YRBS Data User's Guide and 2023 YRBS Combined Datasets User's Guide (used for binary coding)	84		During the past 12 months, on how many sports teams did you play?	78	2: 1 team -> 1 3: 2 teams -> 1 4: 3 or more teams -> 1 1: 0 teams -> 0
any_substance_abuse							Any of heroinever_qn52, methever_qn53, painmeds_qn49 endorsement
any_act							Any of physicallyactive_qn76, playsports_qn78, PEattendance_qn77 endorsment