

All OHYES! Report for 2016-2017

January 2019

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Background

Nationally, trends in youth behaviors and risk and protective factors are measured using school-based surveys such as the Monitoring the Future Survey (MTF) and the Centers for Disease Control and Prevention's Youth Risk Behavior Survey (YRBS) and Youth Tobacco Survey (YTS). These surveys provide valuable national and state-level data; however, they do not provide county or school district-level data. Communities have needed access to local data to address community-specific needs and to conduct health assessments. Over the years, they have deployed a wide variety of local surveys in an attempt to address these needs, often investing substantial resources to have private survey companies collect the local data. Having many different survey instruments, means the results are then not always comparable across surveys nor over time, and counties and districts cannot usually benchmark results to state or regional samples. Consequently, communities across Ohio have repeatedly called for an inexpensive and valid survey of youth to guide local policy, program development and implementation efforts.

About the OHYES!

Purpose

The Ohio Healthy Youth Environments Survey (OHYES!) is a collaborative effort of the Ohio Departments of Education, Health and Mental Health and Addiction Services, Ohio National Guard and representatives from higher education, juvenile courts, foundations, and community service providers.

There are two main purposes with OHYES! First, the OHYES! addresses the need for data on local trends in youth behaviors and risk and protective factors. Second, it helps community-based organizations meet federal grant reporting requirements, including ones from: Strategic Prevention Framework Partnerships for Success, Drug Free Communities, Safe Schools and Healthy Students, Communities that Care Grants, and the Substance Abuse and Mental Health Services Administration (SAMHSA) Prevention and Treatment Block Grant National Outcome Measures (NOMs). Additionally, the OHYES! data may help communities when applying for local grants through foundations such as the United Way. It may also help communities meet the requirements for local health department needs assessments.

Instrument

The OHYES! survey questions cover the following topics: Demographics, Alcohol & Tobacco/Vapor Products, Marijuana & Other Drugs, Bullying, Safety & School Climate, Physical Health & Well-being, Mental Health & Gambling, Parental Attitudes of ATOD Use, Community, Family & Peer Factors, School Success. Schools have the option to use the full version of the survey, which includes 111 questions. In addition, school districts may choose to remove ten questions that could be sensitive to some communities (sexual behavior and suicide). This short-version is 101 items. Currently, the survey instrument is only available in English. More information about the survey and copies of the survey instrument can be found on the OHYES! website at ohyes.ohio.gov.

Survey Administration

The OHYES! is a voluntary, web-based survey that is available to schools free of charge. The survey is scheduled to be conducted every four years, but may be administered more frequently, if a community identifies a need. All students in Ohio schools in grades 7 through 12 (age 12 or older) are eligible to participate. Superintendents and principals are solicited to have their schools complete the survey; they select the grades and percentage of students in those grades to participate.

Confidentiality

Survey administrators are provided protocols to ensure the privacy and confidentiality of the survey participants. Since the OHYES! is a web-based application, no information is collected or stored on school servers, and individual identification numbers are not collected. The data from the web application is collected and stored on secured, encrypted, and password protected servers at OhioMHAS.

Consent

Prior to the survey administration, parents are notified and provided information about the survey. Then, they have three weeks to submit an Opt-Out Form to exclude their child from participating. At the beginning of the survey, participating students are asked for their agreement to answer the survey questions. Students have the option to skip a question and quit the survey at any time.

About this Report

Participants

Counties in Ohio that participated in the OHYES! survey during the 2016-2017 school year include: Carroll, Coshocton, Cuyahoga, Franklin, Green, Hardin, Harrison, Licking, Seneca, Summit, Tuscarawas, Williams.

Limitations

As a reminder, the OHYES! was designed to provide actionable local data for district superintendents and school principals based on a voluntary sample of surveyed youth. The OHYES! data were collected based on a descriptive, cross-sectional survey design, with a non-probability sampling method. The voluntary nature of the survey means that the OHYES! results are not generalizable to all Ohio youth. Further, county-level OHYES! results may not represent all students in a given county or school district. Any interpretations from the OHYES! data must keep these limitations in mind.

A. Demographics

All OHYES! participants

Table 1: All OHYES!

Response	n	Percent
2016-2017	14753	100
Total	14753	100

Note that there are 0 responses with missing values of school year.

How old are you?

Table 2: Age

Response	n	Percent
12 years old	1093	7.46
13 years old	2297	15.68
14 years old	2475	16.89
15 years old	2321	15.84
16 years old	2998	20.46
17 years old	2489	16.99
18 years old or older	977	6.67
Total	14650	100.00

Note that there are 103 responses with missing values of age.

What is your sex?

Table 3: Gender

Response	n	Percent
Male	7311	49.68
Female	7091	48.18
Transgender	94	0.64
Gender Nonconforming	221	1.50
Total	14717	100.00

Note that there are 36 responses with missing values of gender.

In what grade are you?

Table 4: School Grade

Response	n	Percent
7th grade	2357	16.05
8th grade	2560	17.43
9th grade	2259	15.38
10th grade	2676	18.22
11th grade	2855	19.44
12th grade	1955	13.31
Ungraded or other grade	24	0.16
Total	14686	100.00

Note that there are 67 responses with missing values of grade.

Are you Hispanic or Latino?

Table 5: Hispanic Origin

Response	n	Percent
No	13786	94.93
Yes	737	5.07
Total	14523	100.00

Note that there are 230 responses with missing values of Hispanic origin.

How do you describe yourself?

Table 6: Race Ethnicity

Response	n	Percent
Black or African American (non-Hispanic)	532	3.65
White (non-Hispanic)	11305	77.57
Hispanic/Latino	737	5.06
All other races (non-Hispanic)	832	5.71
Multiple races (non-Hispanic)	1168	8.01
Total	14574	100.00

Note that there are 179 responses with missing values of race ethnicity.

Among those who identified as Hispanic or Latino: How do you describe yourself?

Table 7: Race Ethnicity

Response	n	Percent
Hispanic - Black or African-American	65	8.82
Hispanic - No Race Specified	83	11.26
Hispanic - Other	155	21.03
Hispanic - White	434	58.89
Total	737	100.00

Note that there are 0 responses with missing values of race ethnicity.

Which of the following best describes you?

Table 8: Sexual Orientation

Response	n	Percent
Straight	3961	88.53
Gay	51	1.14
Lesbian	44	0.98
Bi-sexual	194	4.34
Other	73	1.63
Not sure	151	3.38
Total	4474	100.00

Note that there are 10279 responses with missing values of sexual orientation.

Is your father, mother or caretaker currently in the military (Army, Navy, Marines, Air Force, National Guard, or Reserves)?

Table 9: Parent in Military

Response	n	Percent
No	14009	95.34
Yes	455	3.10
Don't know	229	1.56
Total	14693	100.00

Note that there are 60 responses with missing values of parent in military.

How many times have you ever moved to a new address?

Table 10: Number of times moved to new address

Response	n	Percent
0 times	3381	23.06
1 time	4046	27.60
2 times	1917	13.08
3 times	1813	12.37
4 or more times	3503	23.89
Total	14660	100.00

Note that there are 93 responses with missing values of number of times moved to new address.

B. Family, School, and Community Environment

1. Community Environments

There are a lot of adults in my neighborhood (town, community) I could talk to about something important.

Table 11: There are a lot of adults in the neighborhood (town, community) to talk to about something important

Response	n	Percent
No	6081	46.32
Yes	7047	53.68
Total	13128	100.00

Note that there are 1625 responses with missing values of adults in the neighborhood (town, community) to talk to about something important.

On how many of the past 7 days did you take part in organized after school, evening or weekend activities (other than sports teams) such as school clubs, community center groups, music/art/dancing lessons, drama, church or other supervised activities?

Table 12: Number of days participated in organized after school, evening or weekend activities in the last 7

Response	n	Percent
0 days	5418	40.77
1 day	1858	13.98
2 days	1532	11.53
3 days	1104	8.31
4 days	1063	8.00
5 days	888	6.68
6 days	432	3.25
7 days	994	7.48
Total	13289	100.00

Note that there are 1464 responses with missing values of number of days participated in organized after school, evening or weekend activities in the last 7 days.

2. Family and Peer Factors

My parents talk to me about what I do in school.

Table 13: Level of agreement that parents talk to them about what they do in school

Response	n	Percent
Strongly disagree	646	4.78
Disagree	1002	7.42
Neutral	2877	21.30
Agree	5712	42.29
Strongly agree	3269	24.20
Total	13506	100.00

Note that there are 1247 responses with missing values of level of agreement that parents talk to them about what they do in school.

My parents push me to work hard at school.

Table 14: Level of agreement that parents push them to work harder at school

Response	n	Percent
Strongly disagree	335	2.49
Disagree	381	2.83
Neutral	1871	13.89
Agree	4800	35.63
Strongly agree	6085	45.17
Total	13472	100.00

Note that there are 1281 responses with missing values of level of agreement that parents push them to work harder at school.

During the past 12 months, how often did your parents check on whether you had done your homework?

Table 15: Frequency that parents check homework

Response	n	Percent
Never or almost never	3094	22.90
Sometimes	3228	23.90
Often	2874	21.27
All the time	4313	31.93
Total	13509	100.00

Note that there are 1244 responses with missing values of frequency that parents check homework.

During the past 12 months, how often did your parents limit the amount of time you watched TV or time with your friends on school nights?

Table 16: Frequency parents limit the amount of time watching TV or with friends on school nights

Response	n	Percent
Never or almost never	6663	50.32
Sometimes	3916	29.57
Often	1592	12.02
All the time	1071	8.09
Total	13242	100.00

Note that there are 1511 responses with missing values of frequency parents limit the amount of time watching TV or with friends on school nights.

What best describes your parent's rules about social media in your bedroom (T.V., internet, cell phone, computer, video games, iPod, etc.)?

Table 17: Parents rules about media in bedroom

Response	n	Percent
My parents don't have any rules	8383	63.58
My parents have rules of when I have to turn off media in my bedroom	3957	30.01
My parents don't let me have any media in my bedroom	844	6.40
Total	13184	100.00

Note that there are 1569 responses with missing values of Parents rules about media in bedroom .

3. Safety and Violence

I feel safe in my neighborhood (town, community).

Table 18: Feel safe in neighborhood

Response	n	Percent
No	1218	8.31
Yes	13438	91.69
Total	14656	100.00

Note that there are 97 responses with missing values of feel safe in neighborhood.

Adverse Childhood Experiences (ACEs) are categorized into two groups on the OHYES! ACE module: abuse and family/household challenges. Each category is further divided into multiple subcategories. ACEs are associated with violence victimization and perpetration, and health and opportunity across the lifespan. As the number of ACEs increase, so does the risk for negative outcomes.

Adverse Childhood Experiences (ACEs) by category.

Table 19: Adverse Childhood Experiences (ACEs) by category

	No	Yes	Total	No (%)	Yes (%)
Abuse					
Physical Abuse	13156	1083	14239	92.39	7.605
Emotional Abuse	10048	4191	14239	70.56	29.43
Sexual Abuse	4186	212	4398	95.17	4.820
Household Challenges					
Intimate Partner Violence	13220	1019	14239	92.84	7.156
Household Mental Illness	11036	3308	14344	76.93	23.06
Household Substance Abuse	11062	3282	14344	77.11	22.88
Parental Separation or Divorce	8760	5479	14239	61.52	38.47
Incarcerated Household Members	12447	1897	14344	86.77	13.22

Note that there are 97 responses with missing values of adverse childhood experiences.

Number of Adverse Childhood Experiences

Table 20: Number of Adverse Childhood Experiences

Response	n	Percent
0	5801	40.0
1	3609	24.9
2	1920	13.2
3	1310	9.03
4 or more	1852	12.7
Total	14492	100

Note that there are 261 responses with missing values of number of adverse childhood experiences.

4. School Climate and Safety

In the past year, how often did you feel safe and secure at school?

Table 21: How often feel safe at school last year

Response	n	Percent
Never	360	2.45
Rarely	433	2.95
Sometimes	1497	10.19
Most of the time	6657	45.32
All of the time	5741	39.09
Total	14688	100.00

Note that there are 65 responses with missing values of how often students felt safe and secure at school.

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?

Table 22: Number of days did not go to school during the past 30 days because of feeling unsafe at school or on the way to or from school

Response	n	Percent
0 days	13315	90.87
1 day	670	4.57
2 or 3 days	391	2.67
4 or 5 days	96	0.66
6 or more days	181	1.24
Total	14653	100.00

Note that there are 100 responses with missing values of number of days students did not go to school during the past 30 days because of feeling unsafe at school or on the way to or from school.

During the past 12 months, how many times has someone threatened or injured you with a weapon such as a gun, knife, or club on school property?

Table 23: Number of times threatened by someone with a weapon on school property last year

Response	n	Percent
0 times	13305	91.51
1 time	691	4.75
2 or 3 times	300	2.06
4 or 5 times	73	0.50
6 or more times	171	1.18
Total	14540	100.00

Note that there are 213 responses with missing values of times students were threatened by someone with a weapon on school property last year.

What types of bullying have you experienced in the past 12 months? Note: Respondents could select all that apply.

Table 24: What types of bullying have you experienced in the past 12 months?

	No	Yes	Total	No (%)	Yes (%)
Hit, kicked, punched, or people took belongings	13177	1276	14453	91.17	8.828
Teased, taunted, or called harmful names	10677	3776	14453	73.87	26.12
Spread mean rumors about or kept out of a group	11302	3151	14453	78.19	21.80
Teased, taunted, or threatened by e-mail, cell phone, or other electronic methods	13269	1184	14453	91.80	8.192
Nude or semi-nude pictures used to pressure someone to have sex that does not want to, blackmail, intimidate, or exploit another person	14080	373	14453	97.41	2.580
None of the above	5099	9354	14453	35.27	64.72

Note that there are 213 responses with missing values of types of bullying have you experienced in the past 12 months?

Among those who have experienced bullying in the past 12 months: During the past 12 months, have you ever been bullied on school property?

Table 25: Bullied on school property last year

Response	n	Percent
No	1973	38.92
Yes	3096	61.08
Total	5069	100.00

Note that there are 30 responses with missing values of bullied on school property last year.

Among those who have experienced bullying in the past 12 months: During the past 12 months, have you ever been electronically bullied?

Table 26: Electronically bullied last year

Response	n	Percent
No	3152	62.24
Yes	1912	37.76
Total	5064	100.00

Note that there are 35 responses with missing values of electronically bullied last year.

During the past 12 months, how many times were you in a physical fight?

Table 27: Number of times in a physical fight last year

Response	n	Percent
0 times	12072	82.53
1 time	1514	10.35
2 to 5 times	771	5.27
6 or more times	271	1.85
Total	14628	100.00

Note that there are 125 responses with missing values of number of times in a physical fight last year.

Among those who were in a physical fight in the past 12 months: During the past 12 months, how many times were you in a physical fight on school property?

Table 28: Number of times in a physical fight on school property during the past year

Response	n	Percent
0 times	1479	59.09
1 time	716	28.61
2 to 5 times	229	9.15
6 or more times	79	3.16
Total	2503	100.00

Note that there are 53 responses with missing values of number of times in a physical fight on school property during the past year.

5. School Connectedness and Success

During the past 12 months, how would you describe your grades in school?

Table 29: Academic performance last year

Response	n	Percent
Mostly A's	6970	47.52
Mostly B's	4776	32.56
Mostly C's	1657	11.30
Mostly D's	358	2.44
Mostly F's	154	1.05
None of these grades	63	0.43
Not sure	690	4.70
Total	14668	100.00

Note that there are 85 responses with missing values of academic performance last year.

I enjoy coming to school.

Table 30: Level of enjoyment in coming to school

Response	n	Percent
Strongly disagree	1989	14.61
Disagree	1921	14.11
Neutral	5503	40.42
Agree	3359	24.67
Strongly agree	843	6.19
Total	13615	100.00

Note that there are 1138 responses with missing values of level of enjoyment in coming to school.

I feel like I belong at my school.

Table 31: Level of belonging at school

Response	n	Percent
Strongly disagree	1285	9.47
Disagree	1439	10.60
Neutral	4385	32.30
Agree	4896	36.06
Strongly agree	1571	11.57
Total	13576	100.00

Note that there are 1177 responses with missing values of level of belonging at school.

I can go to adults at my school for help if I needed it.

Table 32: Level of support from adults at school

Response	n	Percent
Strongly disagree	1161	8.55
Disagree	1438	10.59
Neutral	3542	26.09
Agree	5049	37.19
Strongly agree	2385	17.57
Total	13575	100.00

Note that there are 1178 responses with missing values of level of support from adults at school.

My school provides various opportunities to learn about and appreciate different cultures and ways of life.

Table 33: Level of cultural opportunities available at school

Response	n	Percent
Strongly disagree	1102	8.16
Disagree	1711	12.67
Neutral	4304	31.87
Agree	4724	34.98
Strongly agree	1665	12.33
Total	13506	100.00

Note that there are 1247 responses with missing values of level of cultural opportunities available at school.

6. Prevention Message

During the past 12 months, do you recall hearing, reading, or watching an advertisement about the prevention of substance use?

Table 34: Hearing, reading, or watching an advertisement about substance use prevention last year

Response	n	Percent
No	3577	25.29
Yes	10565	74.71
Total	14142	100.00

Note that there are 611 responses with missing values of hearing, reading, or watching an advertisement about substance use prevention last year.

During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or drug use? By parents, we mean either your biological parents, adoptive parents, stepparents, or adult guardians, whether or not they live with you?

Table 35: Parents have discussed the dangers of substance use with you within the last year

Response	n	Percent
No	6498	46.09
Yes	7601	53.91
Total	14099	100.00

Note that there are 654 responses with missing values of parents have discussed the dangers of substance use with you within the last year.

7. Vehicle Safety

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?

Table 36: Number of times in past 30 days rode in a car driven by someone who had been drinking

Response	n	Percent
0 times	12845	87.5
1 time	799	5.44
2 or 3 times	618	4.21
4 or 5 times	113	0.77
6 or more times	293	1.99
Total	14668	100

Note that there are 85 responses with missing values of number of times in past 30 days rode in a car driven by someone who had been drinking.

During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol?

Table 37: Number of times in past 30 days drove a car when drinking

Response	n	Percent
I did not drive a car or other vehicle during the past 30 days	6681	46.0
0 times	7524	51.8
1 time	134	0.92
2 or 3 times	96	0.66
4 or 5 times	16	0.11
6 or more times	64	0.44
Total	14515	100

Note that there are 238 responses with missing values of number of times in past 30 days drove a car when drinking.

Among those reporting they did drive a car or other vehicle in the past 30 days: During the past 30 days, on how many days did you text or e-mail while driving a car or other vehicle?

Table 38: Number of times in past 30 days texted or emailed while driving

Response	n	Percent
0 days	36	12.24
1 or 2 days	25	8.50
3 to 5 days	23	7.82
6 to 9 days	20	6.80
10 to 19 days	35	11.90
20 to 29 days	47	15.99
All 30 days	108	36.73
Total	294	100.00

Note that there are 7540 responses with missing values of number of times in past 30 days texted or emailed while driving.

C. Health and Well-being

1. Body Mass Index and Physical Activity

Body Mass Index (derived)

Table 39: Body Mass Index

Response	n	Percent
Underweight (Less than 5%)	431	3.20
Normal or Healthy Weight (5% to 84%)	9088	67.39
Overweight (85% to 94%)	2070	15.35
Obese (95% and above)	1896	14.06
Total	13485	100.00

Note that there are 1268 responses with missing values of body mass index.

During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day?

Table 40: Number of days of physical activity of 60 plus minutes per day in the last week

Response	n	Percent
0 days	1437	10.42
1 day	781	5.66
2 days	1075	7.79
3 days	1343	9.74
4 days	1795	13.01
5 days	2107	15.28
6 days	1459	10.58
7 days	3795	27.52
Total	13792	100.00

Note that there are 961 responses with missing values of number of days of physical activity of 60 plus minutes per day in the last week.

Which of the following are you trying to do about your weight?

Table 41: Efforts to change weight

Response	n	Percent
Lose weight	5704	41.24
Gain weight	1932	13.97
Stay the same weight	2465	17.82
I am not trying to do anything about my weight	3731	26.97
Total	13832	100.00

Note that there are 921 responses with missing values of efforts to change weight.

On an average school day, how many hours do you watch TV?

Table 42: Number of hours of TV watched on an average school day

Response	n	Percent
I do not watch TV on an average school day	2962	21.42
Less than 1 hour per day	3167	22.90
1 hour per day	2371	17.14
2 hours per day	2689	19.44
3 hours per day	1432	10.35
4 hours per day	536	3.88
5 or more hours per day	674	4.87
Total	13831	100.00

Note that there are 922 responses with missing values of number of hours of TV watched on an average school day.

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?

Table 43: Number of hours playing video or computer games or using a computer for something that is not school work on an average school day

Response	n	Percent
I do not play video or computer games or use a computer for something that is not school work	2242	16.28
Less than 1 hour per day	1961	14.24
1 hour per day	1690	12.27
2 hours per day	2374	17.24
3 hours per day	2022	14.68
4 hours per day	1269	9.21
5 or more hours per day	2216	16.09
Total	13774	100.00

Note that there are 979 responses with missing values of number of hours played video or computer games or used a computer for something that is not school work on an average school day.

2. Nutrition

On average how many servings of fruits and vegetables do you have per day?

Table 44: Number of servings of fruits and vegetables eaten on an average day

Response	n	Percent
1 to 4 servings per day	10614	77.60
5 or more servings per day	1900	13.89
0 - I do not like fruits or vegetables	722	5.28
0 - I cannot afford fruits or vegetables	148	1.08
0 - I do not have access to fruits or vegetables	293	2.14
Total	13677	100.00

Note that there are 1076 responses with missing values of number of servings of fruits and vegetables eaten on an average day.

During the past 7 days, how many times did you drink a can, bottle, or glass of soda or pop, such as Coke, Pepsi, or Sprite?

Table 45: Number of times drank soda or pop in the last week

Response	n	Percent
I did not drink soda or pop during the past 7 days	4550	33.32
1 to 3 times during the past 7 days	5601	41.02
4 to 6 times during the past 7 days	1423	10.42
1 time per day	787	5.76
2 times per day	619	4.53
3 times per day	271	1.98
4 or more times per day	403	2.95
Total	13654	100.00

Note that there are 1099 responses with missing values of number of times drank soda or pop in the last week.

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

Table 46: Number of days ate breakfast during the last week

Response	n	Percent
0 days	1826	13.34
1 day	958	7.00
2 days	1389	10.14
3 days	1108	8.09
4 days	1180	8.62
5 days	1229	8.98
6 days	978	7.14
7 days	5025	36.70
Total	13693	100.00

Note that there are 1060 responses with missing values of number of days ate breakfast during the last week.

3. Wellness Visit

When was the last time you saw a doctor or a nurse for a check-up when you were not sick or injured?

Table 47: Recency of visiting doctor or a nurse for a check-up when you were not sick or injured

Response	n	Percent
During the past 12 months	8230	60.41
Between 12 and 24 months	1304	9.57
More than 24 months	511	3.75
Never	1059	7.77
Not sure	2519	18.49
Total	13623	100.00

Note that there are 1130 responses with missing values of recency of visiting doctor or a nurse for a check-up when you were not sick or injured.

When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?

Table 48: Recency of last visit to dentist for a check-up, exam, teeth cleaning, or other dental work

Response	n	Percent
During the past 12 months	10108	74.49
Between 12 and 24 months	1244	9.17
More than 24 months	583	4.30
Never	320	2.36
Not sure	1314	9.68
Total	13569	100.00

Note that there are 1184 responses with missing values of recency of last visit to dentist for a check-up, exam, teeth cleaning, or other dental work.

4. Concussion

During the past 12 months, did you suffer a blow or jolt to your head while playing with a sports team (either during a game or during practice) which caused you to get knocked out, have memory problems, double or blurry vision, headaches or pressure in the head, or nausea or vomiting?

Table 49: Suffered a head injury while playing with a sports team in the last year

Response	n	Percent
No	11787	86.92
Yes	1773	13.08
Total	13560	100.00

Note that there are 1193 responses with missing values of suffered a head injury while playing with a sports team in the last year.

5. Tanning

During the past 12 months, how many times did you use an indoor tanning device such as sunlamp, sunbed or tanning booth?

Table 50: Number of times used an indoor tanning device in the last 12 months

Response	n	Percent
0 times	12590	92.87
1 time	240	1.77
2 to 5 times	246	1.81
6 or more times	481	3.55
Total	13557	100.00

Note that there are 1196 responses with missing values of number of times used an indoor tanning device in the last 12 months.

6. Sleep

On an average school night, how many hours of sleep do you get?

Table 51: Number of hours of sleep on average school night

Response	n	Percent
4 hours or less	1259	8.59
5 hours	1904	12.99
6 hours	3154	21.52
7 hours	4029	27.49
8 hours	3030	20.67
9 hours	1022	6.97
10 or more hours	259	1.77
Total	14657	100.00

Note that there are 96 responses with missing values of number of hours of sleep on average school night.

D. Mental Health

1. Patient Health Questionnaire for Psychological Distress

The Patient Health Questionnaire – 4 (PHQ-4)

Subscales are used to assess anxiety and depression. Participants answer two questions on anxiety and two questions on depression with responses that range from “Not at all” to “Nearly every day.” To create the subscales, each response is given a numerical value and the participant’s responses for the two questions are summed up. A score of three or greater is considered positive for screening purposes.

Table 52: Anxiety and Depression Subscales

Subscale	Anxiety		Depression	
	n	Percent	n	Percent
Score less than 3	10837	73.92	11963	81.92
Score greater than 3	3823	26.08	2640	18.08
Total	14660	100.00	14603	100.00

Note that there are 93 responses with missing values of anxiety scores and 150 responses with missing values of depression scores.

Patient Health Questionnaire-4 (PHQ-4) Psychological Distress Score

Responses from the two questions on anxiety and the two questions on depression are assigned values and combined for each participant (score range, 0 to 12). For screening purposes, a score of 0-2 is considered no distress, a score of 3-5 is considered mild distress, a score of 6-8 is considered moderate distress, and a score of 9-12 is considered severe distress.

Table 53: Patient Health Questionnaire-4 (PHQ-4) Psychological Distress Score

Response	n	Percent
No Distress (Score of 0-2)	8515	58.03
Mild Distress (Score of 3-5)	3268	22.27
Moderate Distress (Score of 6-8)	1663	11.33
Severe Distress (Score of 9-12)	1227	8.36
Total	14673	100.00

Note that there are 80 responses with missing values of Patient Health Questionnaire psychological distress: positive sub-scale score.

2. Suicide

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?

Table 54: In the past year felt sad or hopeless almost every day for two weeks or more in a row

Sad	n	Percent
No	10888	75.62
Yes	3510	24.38
Total	14398	100.00

Note that there are 355 responses with missing values of felt sad or hopeless almost every day for two weeks or more in a row in the past year.

During the past 12 months, did you ever seriously consider attempting suicide?

Table 55: During the past year seriously considered attempting suicide

Response	n	Percent
No	3839	86.93
Yes	577	13.07
Total	4416	100.00

Note that there are 10337 responses with missing values of considered attempting suicide.

Among those who have seriously considered attempting suicide in the past 12 months: During the past 12 months, how many times did you actually attempt suicide?

Table 56: Number of times attempted suicide during the past year

Response	n	Percent
0 times	327	56.87
1 time	131	22.78
2 or 3 times	86	14.96
4 or 5 times	16	2.78
6 or more times	15	2.61
Total	575	100.00

Note that there are 2 responses with missing values of suicide attempts.

Among those who attempted suicide in the past 12 months: If you attempted suicide during the past 12 months, did any attempt result in injury, poisoning, or overdose that had to be treated by a doctor or nurse?

Table 57: Attempted suicide that resulted in injury, poisoning, or overdose that had to be treated

Response	n	Percent
No	164	71.62
Yes	65	28.38
Total	229	100.00

Note that there are 19 responses with missing values of attempted suicide that resulted in injury, poisoning, or overdose that had to be treated.

3. Coping Strategies

When you are stressed out, how do you manage it? Note: Respondents could select all that apply.

Table 58: When you are stressed out, how do you manage it?

	No	Yes	Total	No (%)	Yes (%)
I do not have any stress	12532	1777	14309	87.58	12.41
Manage stress through physical activity	6821	7488	14309	47.66	52.33
Manage stress through meditation, prayer, or relaxation	11577	2732	14309	80.90	19.09
Manage stress by participating in hobbies or community service	10690	3619	14309	74.70	25.29
Manage stress through creative expression	9838	4471	14309	68.75	31.24
Manage stress with support from others	10239	4070	14309	71.55	28.44
Manage stress by avoiding people who create drama	8036	6273	14309	56.16	43.83
Manage stress by limiting social media	12173	2136	14309	85.07	14.92

Note that there are 19 responses with missing values of how stress is managed among students.

When was the last time you saw a doctor, nurse, therapist, social worker, or counselor for a mental health problem?

Table 59: Last time saw a health care provider for a mental health problem

Response	n	Percent
During the past 12 months	4038	27.86
Between 12 and 24 months	670	4.62
More than 24 months	745	5.14
Never	6910	47.67
Not sure	2133	14.71
Total	14496	100.00

Note that there are 257 responses with missing values of last time students saw a health care provider for a mental health problem.

E. Substance Use

1. Alcohol

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

Table 60: Age when first drunk more than few sips of alcohol

Response	n	Percent
I have never had a drink of alcohol other than a few sips	8923	63.74
8 years old or younger	486	3.47
9 or 10 years old	364	2.60
11 or 12 years old	631	4.51
13 or 14 years old	1408	10.06
15 or 16 years old	1817	12.98
17 years old or older	371	2.65
Total	14000	100.00

Note that there are 753 responses with missing values of age first drunk alcohol.

Among those who have drunk alcohol: How old were you when you had your first drink of alcohol other than a few sips?

Table 61: Age when first drunk more than few sips of alcohol

Response	n	Percent
8 years old or younger	486	9.57
9 or 10 years old	364	7.17
11 or 12 years old	631	12.43
13 or 14 years old	1408	27.73
15 or 16 years old	1817	35.79
17 years old or older	371	7.31
Total	5077	100.00

Note that there are 0 responses with missing values of age first drunk alcohol.

During the past 30 days, did you drink one or more drinks of an alcoholic beverage?

Table 62: Consumed alcohol on one or more occasions during the past 30 days

Response	n	Percent
I have never had a drink of alcohol other than a few sips	8917	63.82
No	2881	20.62
Yes	2175	15.57
Total	13973	100.00

Note that there are 780 responses with missing values of consumed alcohol on one or more occasions during the past 30 days.

Among those who have ever consumed alcohol: During the past 30 days, did you drink one or more drinks of an alcoholic beverage?

Table 63: Consumed alcohol on one or more occasions during the past 30 days

Response	n	Percent
No	2881	56.98
Yes	2175	43.02
Total	5056	100.00

Note that there are 21 responses with missing values of consumed alcohol on one or more occasions during the past 30 days.

Among those who have consumed alcohol in the past 30 days: During the past 30 days, on how many days did you have at least one drink of alcohol?

Table 64: Number of days consumed at least one drink of alcohol

Response	n	Percent
1 or 2 days	1017	58.05
10 to 19 days	101	5.76
20 to 29 days	26	1.48
3 to 5 days	376	21.46
6 to 9 days	191	10.90
All 30 days	41	2.34
Total	1752	100.00

Note that there are 423 responses with missing values of number of days consumed at least one drink of alcohol.

Among those who have consumed alcohol in the past 30 days: 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?

Table 65: Number of days with 5 or more drinks of alcohol within a couple of hours

Response	n	Percent
0 days	1042	55.87
1 day	434	23.27
2 days	193	10.35
3 to 5 days	123	6.60
6 to 9 days	41	2.20
10 to 19 days	12	0.64
20 or more days	20	1.07
Total	1865	100.00

Note that there are 310 responses with missing values of number of days with 5 or more drinks of alcohol within a couple of hours.

Among those who have consumed alcohol in the past 30 days: During the past 30 days, how did you usually get your alcohol? Note: Respondents could select all that apply.

Table 66: How alcohol was obtained in the past 30 days?

	No	Yes	Total	No (%)	Yes (%)
Bought alcohol in a store	1951	164	2115	92.24	7.754
Bought alcohol at a public event	2019	96	2115	95.46	4.539
Gave someone else money to buy alcohol for me	1575	540	2115	74.46	25.53
Someone gave alcohol to me	1117	998	2115	52.81	47.18
Took alcohol from a store or family member	1809	306	2115	85.53	14.46
Parent gave alcohol to me	1656	459	2115	78.29	21.70
Friend's parent gave alcohol to me	1934	181	2115	91.44	8.557
I got alcohol some other way	1621	494	2115	76.64	23.35

Note that there are 60 responses with missing values of how alcohol was obtained in the past 30 days.

Among those who have consumed alcohol in the past 30 days: When do you usually drink alcohol?

Table 67: Time of day when usually drink

Response	n	Percent
Before school	15	0.79
During school	17	0.89
After school	63	3.30
Week nights	71	3.72
Weekends	1741	91.30
Total	1907	100.00

Note that there are 268 responses with missing values of time of day when usually drink.

2. Tobacco and Vapor Products

During the past 30 days, did you smoke part or all of a cigarette?

Table 68: Smoked part or all of a cigarette in the past 30 days

Response	n	Percent
No	13460	93.43
Yes	947	6.57
Total	14407	100.00

Note that there are 346 responses with missing values of smoke part or all of a cigarette in 30 days.

Among those who smoked all or part of a cigarettes in the past 30 days: During the past 30 days, on how many days did you smoke cigarettes?

Table 69: Number of days smoked cigarettes in the past 30 days

Response	n	Percent
1 or 2 days	288	33.49
3 to 5 days	106	12.33
6 to 9 days	93	10.81
10 to 19 days	91	10.58
20 to 29 days	67	7.79
All 30 days	215	25.00
Total	860	100.00

Note that there are 87 responses with missing values of number of smoke in past 30 days.

Among those who smoked all or part of a cigarettes in the past 30 days: During the past 30 days, how did you usually get your own cigarettes? Note: Respondent could select all that apply.

Table 70: How cigarettes were obtained in the past 30 days

	No	Yes	Total	No (%)	Yes (%)
Bought them in a store such as a convenience store, supermarket, discount store, or gas station	671	254	925	72.54	27.45
Got cigarettes from the Internet	905	20	925	97.83	2.162
Bought cigarettes from vending machine	901	24	925	97.40	2.594
Gave someone else money to buy cigarettes	640	285	925	69.18	30.81
Borrowed (bummed) cigarettes from someone else	488	437	925	52.75	47.24
A person 18 years old or older gave them to me	657	268	925	71.02	28.97
Took cigarettes from a store	901	24	925	97.40	2.594
Took cigarettes from family member	750	175	925	81.08	18.91
Got cigarettes some other way	757	168	925	81.83	18.16

Note that there are 22 responses with missing values of ways cigarettes were obtained (past 30 days).

During the past 30 days, on how many days did you use chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal Bandits, or Copenhagen?

Table 71: Number of days used chewing tobacco, snuff, or dip in the past 30 days

Response	n	Percent
0 days	13744	95.58
1 or 2 days	226	1.57
3 to 5 days	82	0.57
6 to 9 days	42	0.29
10 to 19 days	45	0.31
20 to 29 days	41	0.29
All 30 days	199	1.38
Total	14379	100.00

Note that there are 374 responses with missing values of number of days used chewing tobacco, snuff, or dip in the past 30 days.

During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars?

Table 72: Number of days smoked cigars, cigarillos, or little cigars in the past 30 days

Response	n	Percent
0 days	13574	94.80
1 or 2 days	373	2.60
3 to 5 days	125	0.87
6 to 9 days	81	0.57
10 to 19 days	59	0.41
20 to 29 days	25	0.17
All 30 days	82	0.57
Total	14319	100.00

Note that there are 434 responses with missing values of number of days smoked cigars, cigarillos, or little cigars in the past 30 days.

During the past 30 days, on how many days did you use an electronic vapor product?

Table 73: Number of days used an electronic vapor product of the past 30 days

Response	n	Percent
0 days	12985	90.70
1 or 2 days	594	4.15
3 to 5 days	212	1.48
6 to 9 days	137	0.96
10 to 19 days	125	0.87
20 to 29 days	66	0.46
All 30 days	197	1.38
Total	14316	100.00

Note that there are 437 responses with missing values of number of days used an electronic vapor product of the past 30 days.

How much do you think people risk harming themselves physically or in other ways if they smoke one or more packs of cigarettes per day?

Table 74: Perceived risk tobacco use one or more packs daily

Response	n	Percent
No risk	1226	8.83
Slight risk	1580	11.37
Moderate risk	2980	21.45
Great risk	8106	58.35
Total	13892	100.00

Note that there are 861 responses with missing values of perceived risk tobacco use one or more packs daily.

How wrong do your parents feel it would be for you to smoke tobacco?

Table 75: Perception of parental disapproval for smoking tobacco

Response	n	Percent
Not at all wrong	400	2.87
A little bit wrong	591	4.25
Wrong	2001	14.37
Very wrong	10929	78.51
Total	13921	100.00

Note that there are 832 responses with missing values of perception of parental disapproval for smoking tobacco.

How wrong do your friends feel it would be for you to smoke tobacco?

Table 76: Perception of peer disapproval for smoking tobacco

Response	n	Percent
Not at all wrong	1372	9.94
A little bit wrong	1844	13.36
Wrong	3740	27.09
Very wrong	6851	49.62
Total	13807	100.00

Note that there are 946 responses with missing values of perception of peer disapproval for smoking tobacco.

3. Prescription Drugs

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?

Table 77: In lifetime, number of times taken a prescription drug without a doctor's prescription

Response	n	Percent
0 times	12944	90.74
1 or 2 times	659	4.62
3 to 9 times	294	2.06
10 to 19 times	147	1.03
20 to 39 times	47	0.33
40 or more times	174	1.22
Total	14265	100.00

Note that there are 488 responses with missing values of number of times taken a prescription drug without a doctor's prescription in lifetime.

During the past 30 days, have you used prescription drugs not prescribed to you?

Table 78: Any past 30-day use prescription drug misuse/abuse

Response	n	Percent
0 times	12942	90.77
No	974	6.83
Yes	342	2.40
Total	14258	100.00

Note that there are 495 responses with missing values of past 30-day misuse/abuse of prescription drug .

Among those who have taken a prescription drug without a doctor's prescription: During the past 30 days, have you used prescription drugs not prescribed to you?

Table 79: Any past 30-day use prescription drug misuse/abuse

Response	n	Percent
No	974	74.01
Yes	342	25.99
Total	1316	100.00

Note that there are 0 responses with missing values of past 30-day misuse/abuse of prescription drug.

Among those who have used a prescription drug not prescribed in the past 30 days: During the past 30 days, have you used prescription pain relievers or pain killers such as Vicodin, Percocet, OxyContin, Lortabs, or Codeine (also called Oxy, OxyContin, OS, Norco or Vikes) that were not prescribed to you?

Table 80: Any past 30 day use of prescription pain relievers or pain killers not prescribed to you

Response	n	Percent
No	152	44.84
Yes	187	55.16
Total	339	100.00

Note that there are 3 responses with missing values of past 30 day use of prescription pain relievers or pain killers not prescribed to you.

Among those who have used a prescription drug not prescribed in the past 30 days: What type of prescription drug do you usually take without a doctor's prescription?

Table 81: Type of prescription drug usually misused

Response	n	Percent
Narcotic pain relievers, such as OxyContin, Percocet, Vicodin, or Lortabs	74	21.83
Tranquilizers or anti-anxiety drugs such as Xanax, or Valium	71	20.94
Sleeping pills, sedatives and other depressants such as Ambien, or phenobarbital	40	11.80
Stimulants or amphetamines such as Ritalin (also called Vitamin R or Study Drug)	34	10.03
I take multiple types of prescription drugs at the same time	35	10.32
Not sure	54	15.93
Total	339	100.00

Note that there are 3 responses with missing values of prescription type.

Among those who have used a prescription drug not prescribed in the past 30 days: When do you usually use prescription drugs not prescribed to you?

Table 82: Time of day when usually misuse prescription drugs

Response	n	Percent
Before school	37	13.81
During school	30	11.19
After school	42	15.67
Week nights	46	17.16
Weekends	113	42.16
Total	268	100.00

Note that there are 74 responses with missing values of when prescription drugs not prescribed were used.

How much do you think people risk harming themselves physically or in other ways if they use prescription drugs that are not prescribed to them?

Table 83: Perceived risk/harm for prescription drugs

Response	n	Percent
No risk	917	6.62
Slight risk	1266	9.14
Moderate risk	3691	26.65
Great risk	7976	57.59
Total	13850	100.00

Note that there are 903 responses with missing values of perceived risk/harm for prescription drugs.

How wrong do your parents feel it would be for you to use prescription drugs not prescribed to you?

Table 84: Perception of parental disapproval for prescription drug misuse/abuse

Response	n	Percent
Not at all wrong	330	2.37
A little bit wrong	395	2.84
Wrong	1680	12.06
Very wrong	11520	82.73
Total	13925	100.00

Note that there are 828 responses with missing values of perception of parental disapproval for prescription drug misuse/abuse.

How wrong do your friends feel it would be for you to use prescription drugs not prescribed to you?

Table 85: Perception of peer disapproval for prescription drugs

Response	n	Percent
Not at all wrong	796	5.78
A little bit wrong	1306	9.48
Wrong	3577	25.95
Very wrong	8103	58.79
Total	13782	100.00

Note that there are 971 responses with missing values of perception of peer disapproval for prescription drugs.

4. Over-the-Counter Medications

During your life, how many times have you taken over-the-counter medications such as cold medicine, allergy medicine, or pain reliever to get high?

Table 86: In lifetime, number of times taken over the counter medication to get high

Response	n	Percent
0 times	12987	91.42
1 or 2 times	380	2.67
3 to 9 times	279	1.96
10 to 19 times	195	1.37
20 to 39 times	125	0.88
40 or more times	240	1.69
Total	14206	100.00

Note that there are 547 responses with missing values of over the counter medication taken to get high one or more times in lifetime.

5. Marijuana

How old were you when you tried marijuana for the first time?

Table 87: Age when first tried marijuana

Response	n	Percent
I have never tried marijuana	11805	82.66
8 years old or younger	103	0.72
9 or 10 years old	106	0.74
11 or 12 years old	355	2.49
13 or 14 years old	800	5.60
15 or 16 years old	935	6.55
17 years old or older	178	1.25
Total	14282	100.00

Note that there are 471 responses with missing values of age when marijuana was first used.

Among those who have tried marijuana: How old were you when you tried marijuana for the first time?

Table 88: Age when first tried marijuana

Response	n	Percent
8 years old or younger	103	4.16
9 or 10 years old	106	4.28
11 or 12 years old	355	14.33
13 or 14 years old	800	32.30
15 or 16 years old	935	37.75
17 years old or older	178	7.19
Total	2477	100.00

Note that there are 0 responses with missing values of age when marijuana was first used.

During the past 30 days, have you used marijuana or hashish?

Table 89: Used marijuana or hashish during the past 30 days

Response	n	Percent
I have never tried marijuana	11798	82.70
No	1296	9.08
Yes	1172	8.22
Total	14266	100.00

Note that there are 487 responses with missing values of used marijuana or hashish during the past 30 days.

Among those who have tried marijuana: During the past 30 days, have you used marijuana or hashish?

Table 90: Used marijuana or hashish during the past 30 days

Response	n	Percent
No	1296	52.51
Yes	1172	47.49
Total	2468	100.00

Note that there are 9 responses with missing values of used marijuana or hashish during the past 30 days.

Among those who have used marijuana in the past 30 days: During the past 30 days, how many times did you use marijuana?

Table 91: Number of times used marijuana in the past 30 days

Response	n	Percent
1 or 2 times	357	31.76
3 to 9 times	300	26.69
10 to 19 times	147	13.08
20 to 39 times	107	9.52
40 or more times	213	18.95
Total	1124	100.00

Note that there are 48 responses with missing values of number of times used marijuana in the past 30 days.

Among those who have used marijuana in the past 30 days: During the past 30 days, how did you usually use marijuana?

Table 92: Usual method of using marijuana

Response	n	Percent
I smoked it in a joint, bong, pipe, or blunt	1022	91.17
I ate it in food such as brownies, cakes, cookies, or candy	43	3.84
I drank it in tea, cola, alcohol, or other drinks	1	0.09
I vaporized it	32	2.85
I used it some other way	23	2.05
Total	1121	100.00

Note that there are 51 responses with missing values of usual method of using marijuana.

Among those who have used marijuana in the past 30 days: When do you usually use marijuana?

Table 93: Time of day when usually use marijuana

Response	n	Percent
Before school	38	3.46
During school	12	1.09
After school	194	17.68
Week nights	143	13.04
Weekends	710	64.72
Total	1097	100.00

Note that there are 75 responses with missing values of time of day when usually use marijuana.

6. Illicit Drugs

During the past 12 months, has anyone offered, sold, or given you an illegal drug at any of the following places? Note: Respondent could select all that apply

Table 94: Illegal drugs solicitation in the past 12 months

	No	Yes	Total	No (%)	Yes (%)
On school property	13290	672	13962	95.18	4.813
On the school bus	13768	194	13962	98.61	1.389
At a friend's house	13120	842	13962	93.96	6.030
In my neighborhood	13300	662	13962	95.25	4.741
At none of these locations	1499	12463	13962	10.73	89.26

Note that there are 75 responses with missing values of places of illegal drugs solicitation in the past 12 months.

