

Ohio Healthy Youth Environment Survey - OHYES!  
Report for Appalachian Region - 2022-2023



**Department of Mental  
Health & Addiction  
Services**

**Department of  
Health**

**Department of  
Education &  
Workforce**

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Ohio Youth Surveys

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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 of the 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 and Vapor Products, Marijuana, Prescription Misuse and Illicit Drugs, Bullying, Safety and School Climate, Physical Health and Well-being, Mental Health and Suicide, Gambling, Parental Attitudes toward Substance Use, Community, Family and Peer Factors such as Adverse Childhood Experiences, and School Success. As part of a periodic review process, the instrument was revised for the 2022-2023 school year. Schools may administer the standard OHYES! survey instrument, which includes 110 questions. In addition, school districts may choose to use an optional version that includes ten sexual health and victimization questions that could be sensitive to some communities. This report includes all 120 items that appear on the optional version of the survey. Please see table notes for items that only appear on the optional version of the survey and are not asked when schools administer the standard version of the instrument. 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](http://ohyes.ohio.gov).

### Survey Administration

The OHYES! is a voluntary, web-based survey that is available to schools free of charge. Previously the survey was conducted every four years, but could be administered more frequently if a community identifies a need. Beginning in Fall 2020, the survey is conducted every two years, and can still be administered annually based on community 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 and school staff administer the survey.

### **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 the Ohio Department of Mental Health and Addiction Services (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**

Appalachian counties in Ohio with at least one school district participating in the OHYES! survey during the 2022-2023 school year include: Adams County, Ashtabula County, Athens County, Belmont County, Carroll County, Clermont County, Columbiana County, Coshocton County, Gallia County, Holmes County, Jackson County, Jefferson County, Lawrence County, Mahoning County, Meigs County, Monroe County, Muskingum County, Pike County, Scioto County, Tuscarawas County, Washington County. This report also includes results for all Ohio students who participated in the OHYES! survey during the 2022-2023 school year.

It should be noted that in these reports, public schools are classified under the county to which their school district is assigned by the Ohio Department of Education, as opposed to the county in which the school is located. Schools that are not public schools are classified under the county in which the school is located. This differs from OHYES! survey reports in school years prior to 2020-2021, where public schools were classified by their location.

### **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. In 2022-2023 as a result of advancements in security monitoring software and firewall specifications that vary by school district, a significant number of duplicate responses were found in the survey data file. Experts assisted with data cleaning efforts and exact and similar duplications were removed. In addition, only cases with responses to 95% of required items are included, which resulted in less missing data and the potential exclusion of some responses this year. As with any studies using survey methodology, any interpretations from the OHYES! data must keep these limitations in mind. This report may not provide numbers that are an exact match to the reports available on the online data warehouse. This is due to data suppression rules and differing data subset criteria.

## **Report Preparation**

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## **OHYES! Information**

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Phone: (866) 563-6904

## A. Demographics

### OHYES! participants

Table 1: Participants

Response	OHYES!		Appalachian	
	n	%	n	%
Participants	40229	100.00	8337	100.00
Total	40229	100.00	8337	100.00

### How old are you?

Table 2: Age

Response	OHYES!		Appalachian	
	n	%	n	%
12 years old	4421	11.04	1018	12.26
13 years old	7110	17.75	1684	20.28
14 years old	8073	20.15	1554	18.71
15 years old	7604	18.98	1473	17.74
16 years old	6629	16.55	1245	14.99
17 years old	4774	11.92	988	11.90
18 years old or older	1447	3.61	342	4.12
Total	40058	100.00	8304	100.00

Note that there were missing values of Age for 171 case(s) among OHYES! participants and 33 case(s) among Appalachian participants.

### What is your sex?

Table 3: Gender

Response	OHYES!		Appalachian	
	n	%	n	%
Male	19442	48.46	4084	49.15
Female	18952	47.24	3887	46.77
Transgender	693	1.73	139	1.67
Gender Nonconforming	1035	2.58	200	2.41
Total	40122	100.00	8310	100.00

Note that there were missing values of Gender for 107 case(s) among OHYES! participants and 27 case(s) among Appalachian participants.



**In what grade are you?**

Table 4: School Grade

Response	OHYES!		Appalachian	
	n	%	n	%
7th grade	8122	20.24	1869	22.48
8th grade	6251	15.58	1518	18.26
9th grade	9252	23.06	1630	19.60
10th grade	6314	15.74	1206	14.50
11th grade	6653	16.58	1318	15.85
12th grade	3440	8.57	723	8.70
Ungraded or other grade	90	0.22	51	0.61
Total	40122	100.00	8315	100.00

Note that there were missing values of School Grade for 107 case(s) among OHYES! participants and 22 case(s) among Appalachian participants.

**Are you Hispanic or Latino?**

Table 5: Hispanic Origin

Response	OHYES!		Appalachian	
	n	%	n	%
No	37202	93.35	7963	96.52
Yes	2651	6.65	287	3.48
Total	39853	100.00	8250	100.00

Note that there were missing values of Hispanic Origin for 376 case(s) among OHYES! participants and 87 case(s) among Appalachian participants.

**What is your race? Note: Respondents could select all that apply.**

Table 6: Race and Hispanic Origin

Response	OHYES!		Appalachian	
	n	%	n	%
Black (non-Hispanic)	2489	6.22	226	2.72
White (non-Hispanic)	29726	74.24	6748	81.34
Hispanic/Latino	2651	6.62	287	3.46
All other races (non-Hispanic)	2074	5.18	384	4.63
Multiple races (non-Hispanic)	3098	7.74	651	7.85
Total	40038	100.00	8296	100.00

Note that there were missing values of Race and Hispanic Origin for 191 case(s) among OHYES! participants and 41 case(s) among Appalachian participants.

**Among those who identified as Hispanic or Latino: What is your race?**

Table 7: Hispanic Origin and Race

Response	OHYES!		Appalachian	
	n	%	n	%
Hispanic - White	1246	47.00	164	57.14
Hispanic - Black or African American	342	12.90	32	11.15
Hispanic - Other	563	21.24	67	23.34
Hispanic - No Race Specified	500	18.86	24	8.36
Total	2651	100.00	287	100.00

Note that there were missing values of Hispanic Origin and Race for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

**Which of the following best describes you?**

Table 8: Sexual Orientation

Response	OHYES!		Appalachian	
	n	%	n	%
Heterosexual/Straight	3750	75.45	748	75.48
Gay or Lesbian	173	3.48	31	3.13
Bi-sexual	497	10.00	88	8.88
I describe my sexual identity some other way	234	4.71	40	4.04
I am not sure about my sexual identity (questioning)	195	3.92	47	4.74
I do not know what this question is asking	121	2.43	37	3.73
Total	4970	100.00	991	100.00

Note that there were missing values of Sexual Orientation for 35259 case(s) among OHYES! participants and 7346 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument. Possible item responses differed between the 2015-2019, 2019-2022, and 2022-2023 surveys.

**Have you ever been told by a doctor, nurse or parent that you have a disability or long-term health problem?**

Table 9: Notified by doctor, nurse, or parent of disability or long-term health problem

Response	OHYES!		Appalachian	
	n	%	n	%
No	29060	72.41	5932	71.32
Yes	5163	12.86	1120	13.46
Not sure	5910	14.73	1266	15.22
Total	40133	100.00	8318	100.00

Note that there were missing values of Notified by doctor, nurse, or parent of disability or long-term health problem for 96 case(s) among OHYES! participants and 19 case(s) among Appalachian participants.

## B. Family, School, and Community Environment

### 1. Community, Family, and Peer Factors

On how many of the past 7 days did you take part in organized activities such as sports teams, school clubs, community center groups, music, art, or dance lessons, drama, church, or other activities?

Table 10: Number of days participating in organized activities during the past week

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	11581	29.30	2579	31.53
1 day	3246	8.21	663	8.11
2 days	3120	7.89	629	7.69
3 days	2906	7.35	531	6.49
4 days	3482	8.81	691	8.45
5 days	4433	11.22	864	10.56
6 days	3060	7.74	544	6.65
7 days	7698	19.48	1679	20.53
Total	39526	100.00	8180	100.00

Note that there were missing values of Number of days participating in organized activities during the past week for 703 case(s) among OHYES! participants and 157 case(s) among Appalachian participants.

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

Table 11: Level of agreement that parents talk to them about what they do in school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	1863	4.64	517	6.22
Disagree	2951	7.35	637	7.66
Neutral	8873	22.10	1823	21.92
Agree	16969	42.27	3365	40.47
Strongly agree	9490	23.64	1973	23.73
Total	40146	100.00	8315	100.00

Note that there were missing values of Level of agreement that parents talk to them about what they do in school for 83 case(s) among OHYES! participants and 22 case(s) among Appalachian participants.

**My parents push me to work hard at school.**

Table 12: Level of agreement that parents push them to work hard at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	870	2.17	277	3.33
Disagree	1329	3.32	307	3.70
Neutral	6426	16.03	1398	16.83
Agree	14976	37.36	2957	35.60
Strongly agree	16480	41.12	3368	40.54
Total	40081	100.00	8307	100.00

Note that there were missing values of Level of agreement that parents push them to work hard at school for 148 case(s) among OHYES! participants and 30 case(s) among Appalachian participants.

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

Table 13: Frequency that parents check homework during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Never or almost never	8730	21.74	2009	24.14
Sometimes	9771	24.33	1897	22.79
Often	9296	23.15	1802	21.65
All the time	12367	30.79	2615	31.42
Total	40164	100.00	8323	100.00

Note that there were missing values of Frequency that parents check homework during the past year for 65 case(s) among OHYES! participants and 14 case(s) among Appalachian participants.

**How often do your parents limit the times of day or length of time when you can use an electronic device for non-school related purposes?**

Table 14: Frequency that parents limit electronics

Response	OHYES!		Appalachian	
	n	%	n	%
Never	18827	48.33	4099	50.94
Rarely	8619	22.12	1650	20.51
Sometimes	6169	15.83	1233	15.32
Often	5344	13.72	1064	13.22
Total	38959	100.00	8046	100.00

Note that there were missing values of Frequency that parents limit electronics for 1270 case(s) among OHYES! participants and 291 case(s) among Appalachian participants.

## 2. Adverse Childhood Experiences

### Adverse Childhood Experiences (ACEs)

Adverse Childhood Experiences (ACEs) are categorized into three groups on the OHYES! instrument: abuse, family/household challenges, and neglect. Adverse childhood experiences are associated with violence victimization and perpetration, as well as health, opportunity, and substance use across the lifespan. As the number of ACEs increases, so does the risk for negative outcomes.

### Lifetime Adverse Childhood Experiences (ACEs) by category.

Table 15: Lifetime Exposure to Adverse Childhood Experiences (ACEs) by category

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
<b>Abuse</b>						
Physical Abuse	7852	40007	19.63	1527	8288	18.42
Emotional Abuse	24499	40128	61.05	4826	8319	58.01
Sexual Abuse	263	5006	5.25	42	1002	4.19
<b>Household Challenges</b>						
Witnessed Domestic Violence	5659	40001	14.15	1314	8287	15.86
Household Mental Illness	12615	40031	31.51	2795	8298	33.68
Household Substance Abuse	9642	40072	24.06	2287	8310	27.52
Incarcerated Household Members	6123	40109	15.27	1529	8312	18.40
<b>Neglect</b>						
Physical Neglect	2855	40075	7.12	611	8301	7.36

In the table, yes indicates lifetime exposure and no indicates the absence of lifetime exposure. Note that the number of missing values varies by ACE item. Under some conditions you may not see a row for Sexual Abuse in the table. This is because this item only appears on the optional version of the survey instrument, and so either the participating school(s) did not complete that module or because students did not respond to the question. The 2015-2022 survey items differed, so responses are not directly comparable with responses to the 2022-2023 survey.

## Number of Adverse Childhood Experiences in Lifetime

Table 16: Number of Adverse Childhood Experiences in Lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0	10548	26.24	2282	27.39
1	11503	28.61	2249	27.00
2	7223	17.97	1365	16.38
3	4670	11.62	956	11.48
4 or more	6257	15.56	1479	17.75
Total	40201	100.00	8331	100.00

Note that there were missing values of Number of Adverse Childhood Experiences in Lifetime for 28 case(s) among OHYES! participants and 6 case(s) among Appalachian participants.

In the 2015-2022 survey, the number of adverse childhood experiences in lifetime was defined as the count of 7 to 8 experiences (physical abuse, emotional abuse, sexual abuse, witnessed domestic violence, household mental illness, household substance abuse, parental separation or divorce, and incarcerated household members), so this is not directly comparable with responses to the 2022-2023 survey, where it is the count of 7 to 8 experiences (physical abuse, emotional abuse, sexual abuse, witnessed domestic violence, household mental illness, household substance abuse, incarcerated household members, and physical neglect). As noted previously, more possible experiences are reflected among participants completing the optional version.

## Lifetime Adverse Community Experiences

The OHYES! includes three items that ask about adverse community experiences.

**During your life, how often have you felt that you were treated badly or unfairly because of your race or ethnicity?**

Table 17: Frequency of feeling that you were treated badly or unfairly because of your race or ethnicity

Response	OHYES!		Appalachian	
	n	%	n	%
Never	31223	77.75	6931	83.30
Rarely	4261	10.61	645	7.75
Sometimes	3345	8.33	501	6.02
Most of the time	784	1.95	136	1.63
Always	546	1.36	108	1.30
Total	40159	100.00	8321	100.00

Note that there were missing values of Frequency of feeling that you were treated badly or unfairly because of your race or ethnicity for 70 case(s) among OHYES! participants and 16 case(s) among Appalachian participants.



**During your life, how often have you felt that you were treated badly or unfairly because you are or people think you are LGBTQIA and this could include being treated badly because of who you are sexually attracted to or because you express your gender in a way that is different than what people expect?**

Table 18: Frequency of feeling that you were treated badly or unfairly because you are or people think you are LGBTQIA

Response	OHYES!		Appalachian	
	n	%	n	%
Never	4027	80.64	826	82.44
Rarely	342	6.85	56	5.59
Sometimes	384	7.69	73	7.29
Most of the time	135	2.70	29	2.89
Always	106	2.12	18	1.80
Total	4994	100.00	1002	100.00

Note that there were missing values of Frequency of feeling that you were treated badly or unfairly because you are or people think you are LGBTQIA for 35235 case(s) among OHYES! participants and 7335 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.

**Have you ever seen someone get physically attacked, beaten, stabbed, or shot in your neighborhood?**

Table 19: Seen someone get physically attacked, beaten, stabbed, or shot in your neighborhood

Response	OHYES!		Appalachian	
	n	%	n	%
No	33880	84.40	6967	83.81
Yes	6263	15.60	1346	16.19
Total	40143	100.00	8313	100.00

Note that there were missing values of Seen someone get physically attacked, beaten, stabbed, or shot in your neighborhood for 86 case(s) among OHYES! participants and 24 case(s) among Appalachian participants.

## Combined Number of Adverse Childhood and Community Experiences

Table 20: Combined number of adverse childhood and community experiences in lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0	8968	22.29	2013	24.15
1	10010	24.88	2002	24.01
2	7360	18.30	1428	17.13
3	4950	12.31	964	11.56
4 or more	8939	22.22	1930	23.15
Total	40227	100.00	8337	100.00

Note that there were missing values of Combined number of adverse childhood and community experiences in lifetime for 2 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

The combined number of adverse childhood and community experiences in lifetime is the count of the 7 to 8 items included in the lifetime adverse childhood experiences table and 2 to 3 adverse community experiences items. As noted previously, more possible experiences are reflected among participants completing the optional version. For items on a five-point scale, lifetime exposure included rarely, sometimes, most of the time, and always responses; never responses were coded as the absence of lifetime exposure.

**During the past 12 months, how many times has a parent or other adult in your home hit, beat, kicked, or physically hurt you in any way?**

Table 21: Number of times a parent or other adult in your home hit, beat, kicked, or physically hurt you in the past 12 months

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	36058	90.33	7475	90.34
1 time	1645	4.12	319	3.86
2 or 3 times	1458	3.65	318	3.84
4 or 5 times	368	0.92	83	1.00
6 or more times	387	0.97	79	0.95
Total	39916	100.00	8274	100.00

Note that there were missing values of Number of times a parent or other adult in your home hit, beat, kicked, or physically hurt you in the past 12 months for 313 case(s) among OHYES! participants and 63 case(s) among Appalachian participants.

**During the past 12 months, how many times has a parent or other adult in your home insulted you, or put you down?**

Table 22: Number of times a parent or other adult in your home insulted you, or put you down in the past 12 months

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	23185	58.14	4964	59.98
1 time	3823	9.59	730	8.82
2 or 3 times	5729	14.37	1142	13.80
4 or 5 times	2184	5.48	416	5.03
6 or more times	4958	12.43	1024	12.37
Total	39879	100.00	8276	100.00

Note that there were missing values of Number of times a parent or other adult in your home insulted you, or put you down in the past 12 months for 350 case(s) among OHYES! participants and 61 case(s) among Appalachian participants.

**During the past 12 months, how many times did anyone force you to do sexual things that you did not want to do?)**

Table 23: Number of times anyone forced you to do sexual things that you did not want to do in the past 12 months

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	4662	92.98	938	93.43
1 time	159	3.17	30	2.99
2 or 3 times	121	2.41	22	2.19
4 or 5 times	33	0.66	8	0.80
6 or more times	39	0.78	6	0.60
Total	5014	100.00	1004	100.00

Note that there were missing values of Number of times anyone forced you to do sexual things that you did not want to do in the past 12 months for 35215 case(s) among OHYES! participants and 7333 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.

**Have your parents become separated, divorced, or were never married?**

Table 24: Parental separation or divorce

Response	OHYES!		Appalachian	
	n	%	n	%
No	21829	54.40	4215	50.67
Yes	18295	45.60	4103	49.33
Total	40124	100.00	8318	100.00

Note that there were missing values of Parental separation or divorce for 105 case(s) among OHYES! participants and 19 case(s) among Appalachian participants.

In the 2015-2022 survey parental separation or divorce was included as an ACE, beginning in the 2022-2023 survey, this item was not included in combined ACE scores, but the item is still included on the survey.

**Lifetime Positive Childhood Experiences (PCE)**

**During your life, how often have you felt that you were able to talk to an adult in your family or another caring adult about your feelings?**

Table 25: Frequency of feeling able to talk to adult in your family or caring adult about feelings

Response	OHYES!		Appalachian	
	n	%	n	%
Never	5897	14.71	1345	16.19
Rarely	5704	14.23	1124	13.53
Sometimes	6950	17.34	1347	16.21
Most of the time	8605	21.47	1687	20.30
Always	12923	32.24	2807	33.78
Total	40079	100.00	8310	100.00

Note that there were missing values of Frequency of feeling able to talk to adult in your family or caring adult about feelings for 150 case(s) among OHYES! participants and 27 case(s) among Appalachian participants.

### 3. Dating Violence

**During the past 12 months, how many times did someone you were dating or going out with physically hurt you on purpose?**

Table 26: Number of times someone you were dating or going out with physically hurt you on purpose during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
I did not date or go out with anyone during the past 12 months	16392	40.81	3090	37.13
0 times	21610	53.80	4720	56.72
1 time	918	2.29	212	2.55
2 or 3 times	721	1.80	184	2.21
4 or 5 times	189	0.47	33	0.40
6 or more times	334	0.83	82	0.99
Total	40164	100.00	8321	100.00

Note that there were missing values of Number of times someone you were dating or going out with physically hurt you on purpose during the past year for 65 case(s) among OHYES! participants and 16 case(s) among Appalachian participants.

**Among those who have dated in the past year: During the past 12 months, how many times did someone you were dating or going out with physically hurt you on purpose?**

Table 27: Number of times someone you were dating or going out with physically hurt you on purpose during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	21610	90.91	4720	90.23
1 time	918	3.86	212	4.05
2 or 3 times	721	3.03	184	3.52
4 or 5 times	189	0.80	33	0.63
6 or more times	334	1.41	82	1.57
Total	23772	100.00	5231	100.00

Note that there were missing values of Number of times someone you were dating or going out with physically hurt you on purpose during the past year for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

**During the past 12 months, how many times did someone you were dating or going out with force you to do sexual things that you did not want to do?**

Table 28: Number of times someone you were dating or going out with forced you to do sexual things during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
I did not date or go out with anyone during the past 12 months	1987	39.64	390	38.65
0 times	2701	53.88	566	56.10
1 time	155	3.09	27	2.68
2 or 3 times	106	2.11	18	1.78
4 or 5 times	22	0.44	3	0.30
6 or more times	42	0.84	5	0.50
Total	5013	100.00	1009	100.00

Note that there were missing values of Number of times someone you were dating or going out with forced you to do sexual things during the past year for 35216 case(s) among OHYES! participants and 7328 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.

**Among those who have dated in the past year: During the past 12 months, how many times did someone you were dating or going out with force you to do sexual things that you did not want to do?**

Table 29: Number of times someone you were dating or going out with forced you to do sexual things during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	2701	89.26	566	91.44
1 time	155	5.12	27	4.36
2 or 3 times	106	3.50	18	2.91
4 or 5 times	22	0.73	3	0.48
6 or more times	42	1.39	5	0.81
Total	3026	100.00	619	100.00

Note that there were missing values of Number of times someone you were dating or going out with forced you to do sexual things during the past year for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.

#### 4. School Climate and Safety

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

Table 30: Frequency felt safe at school during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Never	980	2.44	240	2.88
Rarely	1679	4.18	362	4.35
Sometimes	5934	14.77	1150	13.82
Most of the time	19775	49.22	3962	47.61
All of the time	11805	29.39	2608	31.34
Total	40173	100.00	8322	100.00

Note that there were missing values of Frequency felt safe at school during the past year for 56 case(s) among OHYES! participants and 15 case(s) among Appalachian participants.

**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 31: 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	OHYES!		Appalachian	
	n	%	n	%
0 days	34924	87.05	7239	87.01
1 day	2344	5.84	484	5.82
2 or 3 days	1823	4.54	390	4.69
4 or 5 days	492	1.23	104	1.25
6 or more days	538	1.34	103	1.24
Total	40121	100.00	8320	100.00

Note that there were missing values of 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 for 108 case(s) among OHYES! participants and 17 case(s) among Appalachian participants.

**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 32: Number of times threatened by someone with a weapon on school property during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	35979	90.29	7489	90.64
1 time	2076	5.21	406	4.91
2 or 3 times	1239	3.11	240	2.90
4 or 5 times	241	0.60	53	0.64
6 or more times	314	0.79	74	0.90
Total	39849	100.00	8262	100.00

Note that there were missing values of Number of times threatened by someone with a weapon on school property during the past year for 380 case(s) among OHYES! participants and 75 case(s) among Appalachian participants.

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

Table 33: Types of bullying experienced during the past year

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Hit, kicked, punched, or people took belongings	2987	40015	7.46	693	8303	8.35
Teased, taunted, or called harmful names	10293	40015	25.72	2221	8303	26.75
Spread mean rumors about or kept out of a group	8244	40015	20.60	1783	8303	21.47
Teased, taunted, or threatened by e-mail, cell phone, or other electronic methods	3159	40015	7.89	708	8303	8.53
Nude or semi-nude pictures used to pressure someone to have sex that does not want to, blackmail, intimidate, or exploit another person	981	40015	2.45	227	8303	2.73
None of the above	26433	40015	66.06	5353	8303	64.47

Note that there were missing values of types of bullying experienced during the past year for 214 case(s) among OHYES! participants and 34 case(s) among Appalachian participants.



**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 34: Bullied on school property during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	4859	35.89	985	33.54
Yes	8680	64.11	1952	66.46
Total	13539	100.00	2937	100.00

Note that there were missing values of Bullied on school property during the past year for 43 case(s) among OHYES! participants and 13 case(s) among Appalachian participants.

**Among those who have experienced bullying in the past 12 months: During the past 12 months, have you ever been electronically bullied (texting, Instagram, Facebook, or other social media)?**

Table 35: Electronically bullied during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	7877	58.23	1642	55.83
Yes	5651	41.77	1299	44.17
Total	13528	100.00	2941	100.00

Note that there were missing values of Electronically bullied during the past year for 54 case(s) among OHYES! participants and 9 case(s) among Appalachian participants.

Parentetical definition of electronically being bullied differed between the 2015-2019 and 2019-2023 surveys, where it was defined as “e-mail, chat rooms, instant messaging, websites, or texting” in the 2015-2019 survey.

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

Table 36: Number of times in a physical fight during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	33609	83.91	6817	82.17
1 time	3863	9.64	852	10.27
2 to 5 times	2120	5.29	495	5.97
6 or more times	460	1.15	132	1.59
Total	40052	100.00	8296	100.00

Note that there were missing values of Number of times in a physical fight during the past year for 177 case(s) among OHYES! participants and 41 case(s) among Appalachian participants.

**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 37: Number of times in a physical fight on school property during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	3689	57.73	819	55.83
1 time	2071	32.41	494	33.67
2 to 5 times	548	8.58	134	9.13
6 or more times	82	1.28	20	1.36
Total	6390	100.00	1467	100.00

Note that there were missing values of Number of times in a physical fight on school property during the past year for 53 case(s) among OHYES! participants and 12 case(s) among Appalachian participants.

## 5. School Connectedness and Success

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

Table 38: Academic performance during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Mostly As	20023	49.82	4277	51.33
Mostly Bs	11832	29.44	2456	29.48
Mostly Cs	4715	11.73	888	10.66
Mostly Ds	1322	3.29	209	2.51
Mostly Fs	693	1.72	116	1.39
None of these grades	134	0.33	24	0.29
Not sure	1469	3.66	362	4.34
Total	40188	100.00	8332	100.00

Note that there were missing values of Academic performance during the past year for 41 case(s) among OHYES! participants and 5 case(s) among Appalachian participants.

**I enjoy coming to school.**

Table 39: Level of enjoyment in coming to school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	6185	15.40	1455	17.48
Disagree	6586	16.40	1240	14.90
Neutral	16680	41.52	3413	41.00
Agree	8743	21.77	1749	21.01
Strongly agree	1975	4.92	467	5.61
Total	40169	100.00	8324	100.00

Note that there were missing values of Level of enjoyment in coming to school for 60 case(s) among OHYES! participants and 13 case(s) among Appalachian participants.

**I feel like I belong at my school.**

Table 40: Level of belonging at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	4313	10.76	1051	12.64
Disagree	4996	12.46	1038	12.49
Neutral	14020	34.97	2756	33.16
Agree	12988	32.40	2579	31.03
Strongly agree	3773	9.41	888	10.68
Total	40090	100.00	8312	100.00

Note that there were missing values of Level of belonging at school for 139 case(s) among OHYES! participants and 25 case(s) among Appalachian participants.

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

Table 41: Level of support from adults at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	4260	10.61	971	11.66
Disagree	4876	12.14	928	11.14
Neutral	11324	28.19	2258	27.12
Agree	13512	33.64	2707	32.51
Strongly agree	6196	15.43	1463	17.57
Total	40168	100.00	8327	100.00

Note that there were missing values of Level of support from adults at school for 61 case(s) among OHYES! participants and 10 case(s) among Appalachian participants.

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

Table 42: Level of cultural opportunities available at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	2968	7.40	812	9.77
Disagree	4391	10.95	991	11.93
Neutral	13187	32.90	2776	33.41
Agree	14418	35.97	2720	32.73
Strongly agree	5123	12.78	1011	12.17
Total	40087	100.00	8310	100.00

Note that there were missing values of Level of cultural opportunities available at school for 142 case(s) among OHYES! participants and 27 case(s) among Appalachian participants.

## 6. Prevention Message

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

Table 43: Heard, read, or watched an advertisement about substance use prevention during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	11104	27.71	2426	29.23
Yes	28964	72.29	5875	70.77
Total	40068	100.00	8301	100.00

Note that there were missing values of Heard, read, or watched an advertisement about substance use prevention during the past year for 161 case(s) among OHYES! participants and 36 case(s) among Appalachian participants.

**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 44: Discussed the dangers of substance use with parents during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	17735	44.29	3659	44.12
Yes	22312	55.71	4634	55.88
Total	40047	100.00	8293	100.00

Note that there were missing values of Discussed the dangers of substance use with parents during the past year for 182 case(s) among OHYES! participants and 44 case(s) among Appalachian participants.

## 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 45: Number of times during the past 30 days rode in a car driven by someone who had been drinking

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	36204	90.15	7555	90.75
1 time	1773	4.41	346	4.16
2 or 3 times	1357	3.38	248	2.98
4 or 5 times	272	0.68	56	0.67
6 or more times	555	1.38	120	1.44
Total	40161	100.00	8325	100.00

Note that there were missing values of Number of times during the past 30 days rode in a car driven by someone who had been drinking for 68 case(s) among OHYES! participants and 12 case(s) among Appalachian participants.

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

Table 46: Number of times during the past 30 days drove a car when drinking

Response	OHYES!		Appalachian	
	n	%	n	%
I did not drive ... during the past 30 days	22335	55.89	4342	52.52
0 times	17296	43.28	3835	46.38
1 time	177	0.44	50	0.60
2 or 3 times	96	0.24	24	0.29
4 or 5 times	19	0.05	8	0.10
6 or more times	37	0.09	9	0.11
Total	39960	100.00	8268	100.00

Note that there were missing values of Number of times during the past 30 days drove a car when drinking for 269 case(s) among OHYES! participants and 69 case(s) among Appalachian participants.

**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 47: Number of days during the past 30 days texted or emailed while driving

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	13568	77.24	3046	77.80
1 or 2 days	1463	8.33	314	8.02
3 to 5 days	618	3.52	124	3.17
6 to 9 days	362	2.06	83	2.12
10 to 19 days	429	2.44	72	1.84
20 to 29 days	243	1.38	52	1.33
All 30 days	882	5.02	224	5.72
Total	17565	100.00	3915	100.00

Note that there were missing values of Number of days during the past 30 days texted or emailed while driving for 60 case(s) among OHYES! participants and 11 case(s) among Appalachian participants.

## C. Health and Well-being

### 1. Body Mass Index and Physical Activity

#### Body Mass Index – Calculated

Table 48: Body Mass Index

Response	OHYES!		Appalachian	
	n	%	n	%
Underweight	516	1.57	106	1.54
Normal or Healthy Weight	19980	60.81	3896	56.46
Overweight	5973	18.18	1316	19.07
Obese	6388	19.44	1583	22.94
Total	32857	100.00	6901	100.00

Note that there were missing values of Body Mass Index for 7372 case(s) among OHYES! participants and 1436 case(s) among Appalachian participants.

Body Mass Index was calculated based on respondent's reported height, weight, and gender, and categorized using formulas from the Centers for Disease Control and Prevention. Body Mass Index was not calculated for respondents selecting transgender or gender nonconforming.

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

Table 49: Number of days of physical activity of 60 plus minutes per day during the last week

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	4932	12.30	1096	13.20
1 day	2241	5.59	438	5.27
2 days	3280	8.18	610	7.34
3 days	4112	10.26	773	9.31
4 days	5130	12.80	956	11.51
5 days	5883	14.68	1280	15.41
6 days	4033	10.06	755	9.09
7 days	10473	26.13	2397	28.86
Total	40084	100.00	8305	100.00

Note that there were missing values of Number of days of physical activity of 60 plus minutes per day during the last week for 145 case(s) among OHYES! participants and 32 case(s) among Appalachian participants.



## 2. Nutrition

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

Table 50: Number of servings of fruits and vegetables eaten on an average day

Response	OHYES!		Appalachian	
	n	%	n	%
1 to 4 servings per day	31649	79.03	6364	76.70
5 or more servings per day	4467	11.15	895	10.79
0 – I do not like fruits or vegetables	2616	6.53	698	8.41
0 – I cannot afford fruits or vegetables	360	0.90	90	1.08
0 – I do not have access to fruits or vegetables	956	2.39	250	3.01
Total	40048	100.00	8297	100.00

Note that there were missing values of Number of servings of fruits and vegetables eaten on an average day for 181 case(s) among OHYES! participants and 40 case(s) among Appalachian participants.

### 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 51: Number of times drank soda or pop during the past week

Response	OHYES!		Appalachian	
	n	%	n	%
I did not drink soda or pop during the past 7 days	11590	28.93	2025	24.36
1 to 3 times during the past 7 days	17266	43.09	3291	39.59
4 to 6 times during the past 7 days	4352	10.86	1068	12.85
1 time per day	2958	7.38	734	8.83
2 times per day	2059	5.14	572	6.88
3 times per day	793	1.98	257	3.09
4 or more times per day	1049	2.62	366	4.40
Total	40067	100.00	8313	100.00

Note that there were missing values of Number of times drank soda or pop during the past week for 162 case(s) among OHYES! participants and 24 case(s) among Appalachian participants.

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

Table 52: Number of days ate breakfast during the past week

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	7896	19.67	1660	19.95
1 day	3759	9.36	793	9.53
2 days	4739	11.81	954	11.47
3 days	3523	8.78	757	9.10
4 days	3639	9.07	815	9.80
5 days	3519	8.77	779	9.36
6 days	2202	5.49	427	5.13
7 days	10863	27.06	2134	25.65
Total	40140	100.00	8319	100.00

Note that there were missing values of Number of days ate breakfast during the past week for 89 case(s) among OHYES! participants and 18 case(s) among Appalachian participants.

### 3. Wellness Visit

**When was the last time you saw a doctor or a nurse for a physical exam when you were not sick or injured?**

Table 53: Recency of visiting doctor or a nurse for a physical exam when you were not sick or injured

Response	OHYES!		Appalachian	
	n	%	n	%
During the past 12 months	22108	55.10	4269	51.37
Between 12 and 24 months	4355	10.85	850	10.23
More than 24 months	1678	4.18	401	4.83
Never	3402	8.48	834	10.04
Not sure	8584	21.39	1956	23.54
Total	40127	100.00	8310	100.00

Note that there were missing values of Recency of visiting doctor or a nurse for a physical exam when you were not sick or injured for 102 case(s) among OHYES! participants and 27 case(s) among Appalachian participants.

“Physical exam” was worded as, “Check-up” in the 2015-2022 survey.

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

Table 54: Recency of last visit to dentist for a check-up, exam, teeth cleaning, or other dental work

Response	OHYES!		Appalachian	
	n	%	n	%
During the past 12 months	27571	68.76	5351	64.38
Between 12 and 24 months	4321	10.78	954	11.48
More than 24 months	2504	6.24	625	7.52
Never	1037	2.59	287	3.45
Not sure	4667	11.64	1095	13.17
Total	40100	100.00	8312	100.00

Note that there were missing values of Recency of last visit to dentist for a check-up, exam, teeth cleaning, or other dental work for 129 case(s) among OHYES! participants and 25 case(s) among Appalachian participants.

## 4. Concussion

**During the past 12 months, how many times did you have a concussion from playing a sport or being physically active?**

Table 55: Number of times suffered a concussion from playing sports or being physically active during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	34577	86.16	7055	84.89
1 time	3620	9.02	791	9.52
2 times	994	2.48	213	2.56
3 times	386	0.96	98	1.18
4 or more times	552	1.38	154	1.85
Total	40129	100.00	8311	100.00

Note that there were missing values of Number of times suffered a concussion from playing sports or being physically active during the past year for 100 case(s) among OHYES! participants and 26 case(s) among Appalachian participants.

The 2015-2019 survey asked about concussions from any source, so it is not comparable to the 2019-2023 surveys.

## 5. Sleep

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

Table 56: Number of hours of sleep on average school night

Response	OHYES!		Appalachian	
	n	%	n	%
4 or less hours	3805	9.48	863	10.37
5 hours	4958	12.35	1072	12.88
6 hours	8043	20.03	1612	19.37
7 hours	10417	25.94	2076	24.94
8 hours	8983	22.37	1816	21.82
9 hours	2894	7.21	622	7.47
10 or more hours	1056	2.63	262	3.15
Total	40156	100.00	8323	100.00

Note that there were missing values of Number of hours of sleep on average school night for 73 case(s) among OHYES! participants and 14 case(s) among Appalachian participants.

## D. Mental Health

### 1. Patient Health Questionnaire for Psychological Distress

#### Patient Health Questionnaire for Psychological Distress (PHQ-4)

Subscales were used to assess anxiety and depression. Participants answered two questions on anxiety (Feeling nervous, anxious or on edge; Not being able to stop or control worrying) and two questions on depression (Feeling down, depressed or hopeless; Little interest or pleasure in doing things) with responses that ranged from “Not at all” to “Nearly every day.” To create the subscales, each response was given a numerical value and the participant’s responses for the two questions were summed up (score range, 0 to 6). A score of three or greater was considered positive for screening purposes.

Responses from the two questions on anxiety and the two questions on depression were assigned values and combined for each participant (score range, 0 to 12). A score of 6 or greater (defined as moderate or severe) was considered positive for screening purposes when considering the total score across anxiety and depression.

Table 57: Patient Health Questionnaire for Psychological Distress (PHQ-4)

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
% with anxiety issues warranting further exploration by a mental health professional*	11462	40224	28.50	2464	8335	29.56
% with depression issues warranting further exploration by a mental health professional*	8584	40200	21.35	1840	8333	22.08
% with mental health issues warranting further exploration by a mental health professional*	9291	40229	23.10	2003	8337	24.03

Note that there are missing values for the items listed for the PHQ-4 for a maximum of 29 case(s) among OHYES! participants and 4 case(s) among Appalachian participants.

\*These cutoffs are based on published thresholds for the 95th percentile for the population on the PHQ-4, where survey items primarily assess depression and anxiety. These measures serve as a brief screening tool, as opposed to a comprehensive measure of mental health issues.

## 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 58: Felt sad or hopeless almost every day for two weeks or more in a row during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	25345	63.21	5143	61.86
Yes	14753	36.79	3171	38.14
Total	40098	100.00	8314	100.00

Note that there were missing values of Felt sad or hopeless almost every day for two weeks or more in a row during the past year for 131 case(s) among OHYES! participants and 23 case(s) among Appalachian participants.

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

Table 59: Seriously considered attempting suicide during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	34345	86.02	7052	85.11
Yes	5580	13.98	1234	14.89
Total	39925	100.00	8286	100.00

Note that there were missing values of Seriously considered attempting suicide during the past year for 304 case(s) among OHYES! participants and 51 case(s) among Appalachian participants.

**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 60: Number of times attempted suicide during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	2913	52.51	621	50.69
1 time	1275	22.99	294	24.00
2 or 3 times	979	17.65	231	18.86
4 or 5 times	193	3.48	41	3.35
6 or more times	187	3.37	38	3.10
Total	5547	100.00	1225	100.00

Note that there were missing values of Number of times attempted suicide during the past year for 33 case(s) among OHYES! participants and 9 case(s) among Appalachian participants.

**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 61: Attempted suicide that resulted in injury, poisoning, or overdose that had to be treated during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	2083	79.59	464	77.33
Yes	534	20.41	136	22.67
Total	2617	100.00	600	100.00

Note that there were missing values of Attempted suicide that resulted in injury, poisoning, or overdose that had to be treated during the past year for 17 case(s) among OHYES! participants and 4 case(s) among Appalachian participants.



### 3. Coping Strategies

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

Table 62: Stress management

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
I do not have any stress	4978	40229	12.37	1225	8337	14.69
Physical activity	19729	40229	49.04	3872	8337	46.44
Meditate, pray, use relaxation techniques	8070	40229	20.06	1537	8337	18.44
Participate in hobbies or community service	10496	40229	26.09	2030	8337	24.35
Express myself through the arts and literature	13193	40229	32.79	2555	8337	30.65
Get support from others	11360	40229	28.24	2259	8337	27.10
Avoid people who create “drama”	16398	40229	40.76	3447	8337	41.35
Limit exposure to social media	5657	40229	14.06	1146	8337	13.75

Note that there were missing values of Stress management for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

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

Table 63: Last time saw a health care provider for a mental health problem

Response	OHYES!		Appalachian	
	n	%	n	%
During the past 12 months	12427	30.96	2572	30.91
Between 12 and 24 months	2386	5.94	436	5.24
More than 24 months	2203	5.49	388	4.66
Never	16984	42.31	3601	43.28
Not sure	6145	15.31	1323	15.90
Total	40145	100.00	8320	100.00

Note that there were missing values of Last time saw a health care provider for a mental health problem for 84 case(s) among OHYES! participants and 17 case(s) among Appalachian participants.

## E. Substance Use

### 1. Alcohol

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

Table 64: Age when first drank more than few sips of alcohol

Response	OHYES!		Appalachian	
	n	%	n	%
I have never had a drink of alcohol other than a few sips	29506	73.35	5904	70.82
8 or younger	1327	3.30	351	4.21
9 or 10 years old	1024	2.55	250	3.00
11 or 12 years old	1881	4.68	454	5.45
13 or 14 years old	3226	8.02	700	8.40
15 or 16 years old	2809	6.98	602	7.22
17 years old or older	456	1.13	76	0.91
Total	40229	100.00	8337	100.00

Note that there were missing values of Age when first drank more than few sips of alcohol for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

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

Table 65: Age when first drank more than few sips of alcohol

Response	OHYES!		Appalachian	
	n	%	n	%
8 or younger	1327	12.38	351	14.43
9 or 10 years old	1024	9.55	250	10.28
11 or 12 years old	1881	17.54	454	18.66
13 or 14 years old	3226	30.08	700	28.77
15 or 16 years old	2809	26.20	602	24.74
17 years old or older	456	4.25	76	3.12
Total	10723	100.00	2433	100.00

Note that there were missing values of Age when first drank more than few sips of alcohol for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

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

Table 66: Consumed alcohol on one or more occasions during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	36627	91.05	7477	89.68
Yes	3602	8.95	860	10.32
Total	40229	100.00	8337	100.00

Note that there were missing values of Consumed alcohol on one or more occasions during the past 30 days for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

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

Table 67: Consumed alcohol on one or more occasions during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	7121	66.41	1573	64.65
Yes	3602	33.59	860	35.35
Total	10723	100.00	2433	100.00

Note that there were missing values of Consumed alcohol on one or more occasions during the past 30 days for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

**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 68: Number of days consumed at least one drink of alcohol during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
1 or 2 days	1981	66.59	432	63.25
3 to 5 days	551	18.52	125	18.30
6 to 9 days	237	7.97	65	9.52
10 to 19 days	140	4.71	35	5.12
20 to 29 days	28	0.94	14	2.05
All 30 days	38	1.28	12	1.76
Total	2975	100.00	683	100.00

Note that there were missing values of Number of days consumed at least one drink of alcohol during the past 30 days for 627 case(s) among OHYES! participants and 177 case(s) among Appalachian participants.

**Among those who have consumed alcohol in the past 30 days: During the past 30 days, on how many days did you have 4 or more drinks (for females) or 5 or more drinks (for males) of alcohol in a row, within a couple of hours?**

Table 69: Number of days with 4/5 or more drinks of alcohol within a couple of hours during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	1757	56.03	360	50.07
1 day	875	27.90	228	31.71
2 days	250	7.97	62	8.62
3 to 5 days	158	5.04	45	6.26
6 to 9 days	60	1.91	13	1.81
10 to 19 days	12	0.38	5	0.70
20 or more days	24	0.77	6	0.83
Total	3136	100.00	719	100.00

Note that there were missing values of Number of days with 4/5 or more drinks of alcohol within a couple of hours during the past 30 days for 466 case(s) among OHYES! participants and 141 case(s) among Appalachian participants.

The 2015-2019 survey asked about 5 or more drinks for both males and females, so responses are not directly comparable with responses to the 2019-2023 surveys.

**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 70: How alcohol was obtained during the past 30 days

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Bought alcohol in a store	355	3602	9.86	69	860	8.02
Bought alcohol at a public event	71	3602	1.97	18	860	2.09
Gave someone else money to buy alcohol for me	557	3602	15.46	157	860	18.26
Someone gave alcohol to me	1469	3602	40.78	366	860	42.56
Took alcohol from a store or family member	563	3602	15.63	116	860	13.49
Parent gave alcohol to me	1087	3602	30.18	230	860	26.74
Friend's parent gave alcohol to me	373	3602	10.36	102	860	11.86
I got alcohol some other way	994	3602	27.60	245	860	28.49

Note that there were missing values of How alcohol was obtained during the past 30 days for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

**Among those who have consumed alcohol in the past 30 days: When do you usually drink alcohol? Note: Respondents could select all that apply.**

Table 71: Time of day when usually drink

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Before school	152	3414	4.45	52	820	6.34
During school	88	3414	2.58	28	820	3.41
After school	527	3414	15.44	128	820	15.61
Week nights	627	3414	18.37	146	820	17.80
Weekends	3084	3414	90.33	741	820	90.37

Note that there were missing values of Time of day when usually drink for 188 case(s) among OHYES! participants and 40 case(s) among Appalachian participants.

The 2015-2022 survey item differed, as participants were only able to select one response option.

**How much do you think people risk harming themselves physically or in other ways when they have five or more drinks of an alcoholic beverage once or twice a week?**

Table 72: Perceived risk of having five or more drinks of an alcoholic beverage once or twice a week

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	4767	11.91	1115	13.43
Slight risk	8699	21.73	1890	22.76
Moderate risk	15320	38.27	2988	35.99
Great risk	11246	28.09	2310	27.82
Total	40032	100.00	8303	100.00

Note that there were missing values of Perceived risk of having five or more drinks of an alcoholic beverage once or twice a week for 197 case(s) among OHYES! participants and 34 case(s) among Appalachian participants.

**How wrong do your parents feel it would be for you to have one or two drinks of an alcoholic beverage nearly every day?**

Table 73: Perception of parental disapproval for having one or two drinks of alcohol nearly every day

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1515	3.78	382	4.59
A little bit wrong	2462	6.14	620	7.45
Wrong	8039	20.04	1694	20.37
Very wrong	28102	70.05	5621	67.58
Total	40118	100.00	8317	100.00

Note that there were missing values of Perception of parental disapproval for having one or two drinks of alcohol nearly every day for 111 case(s) among OHYES! participants and 20 case(s) among Appalachian participants.

**How wrong do your friends feel it would be for you to have one or two drinks of an alcoholic beverage nearly every day?**

Table 74: Perception of peer disapproval for having one or two drinks of alcohol nearly every day

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	3425	8.55	879	10.57
A little bit wrong	6325	15.79	1418	17.06
Wrong	13132	32.78	2567	30.88
Very wrong	17184	42.89	3450	41.50
Total	40066	100.00	8314	100.00

Note that there were missing values of Perception of peer disapproval for having one or two drinks of alcohol nearly every day for 163 case(s) among OHYES! participants and 23 case(s) among Appalachian participants.

## 2. Tobacco and Vapor Products

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

Table 75: Smoked part or all of a cigarette during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	39231	97.66	8017	96.37
Yes	940	2.34	302	3.63
Total	40171	100.00	8319	100.00

Note that there were missing values of Smoked part or all of a cigarette during the past 30 days for 58 case(s) among OHYES! participants and 18 case(s) among Appalachian participants.

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

Table 76: Number of days smoked cigarettes during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
1 or 2 days	392	50.45	127	49.03
3 to 5 days	126	16.22	44	16.99
6 to 9 days	60	7.72	20	7.72
10 to 19 days	57	7.34	16	6.18
20 to 29 days	34	4.38	14	5.41
All 30 days	108	13.90	38	14.67
Total	777	100.00	259	100.00

Note that there were missing values of Number of days smoked cigarettes during the past 30 days for 163 case(s) among OHYES! participants and 43 case(s) among Appalachian participants.



**During the past 30 days, on how many days did you use chewing tobacco, snuff, or dip, snus or dissolvable tobacco products, such as Copenhagen, Grizzly, Skoal or Camel Snus?**

Table 77: Number of days used chewing tobacco, snuff, or dip during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	39727	98.93	8171	98.24
1 or 2 days	190	0.47	62	0.75
3 to 5 days	65	0.16	19	0.23
6 to 9 days	46	0.11	16	0.19
10 to 19 days	30	0.07	10	0.12
20 to 29 days	19	0.05	8	0.10
All 30 days	80	0.20	31	0.37
Total	40157	100.00	8317	100.00

Note that there were missing values of Number of days used chewing tobacco, snuff, or dip during the past 30 days for 72 case(s) among OHYES! participants and 20 case(s) among Appalachian participants.

The 2015-2019 survey defined other tobacco products as “chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal Bandits, or Copenhagen,” so responses are not directly comparable with responses to the 2019-2023 surveys.

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

Table 78: Number of days smoked cigars, cigarillos, or little cigars during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	39581	98.60	8138	97.84
1 or 2 days	321	0.80	104	1.25
3 to 5 days	76	0.19	21	0.25
6 to 9 days	47	0.12	16	0.19
10 to 19 days	39	0.10	12	0.14
20 to 29 days	15	0.04	3	0.04
All 30 days	66	0.16	24	0.29
Total	40145	100.00	8318	100.00

Note that there were missing values of Number of days smoked cigars, cigarillos, or little cigars during the past 30 days for 84 case(s) among OHYES! participants and 19 case(s) among Appalachian participants.

**Past 30 days: 30-day use of any tobacco product - Calculated**

Table 79: Used cigarettes, cigars, chewing tobacco, snuff, or dip on one or more of the past 30 days – Calculated

Response	OHYES!		Appalachian	
	n	%	n	%
No	38697	96.97	7871	95.35
Yes	1211	3.03	384	4.65
Total	39908	100.00	8255	100.00

Note that there were missing values of Used cigarettes, cigars, chewing tobacco, snuff, or dip on one or more of the past 30 days – Calculated for 321 case(s) among OHYES! participants and 82 case(s) among Appalachian participants.

**Have you ever used an electronic vapor product?**

Table 80: Ever used an electronic vapor product

Response	OHYES!		Appalachian	
	n	%	n	%
No	33019	82.19	6567	78.84
Yes	7153	17.81	1762	21.16
Total	40172	100.00	8329	100.00

Note that there were missing values of Ever used an electronic vapor product for 57 case(s) among OHYES! participants and 8 case(s) among Appalachian participants.

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

Table 81: Number of days used an electronic vapor product during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	36284	90.37	7324	87.99
1 or 2 days	1262	3.14	284	3.41
3 to 5 days	497	1.24	115	1.38
6 to 9 days	317	0.79	83	1.00
10 to 19 days	415	1.03	102	1.23
20 to 29 days	299	0.74	88	1.06
All 30 days	1077	2.68	328	3.94
Total	40151	100.00	8324	100.00

Note that there were missing values of Number of days used an electronic vapor product during the past 30 days for 78 case(s) among OHYES! participants and 13 case(s) among Appalachian participants.

**Among those who have ever used vapor products: During the past 30 days, on how many days did you use an electronic vapor product?**

Table 82: Number of days used an electronic vapor product during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	3265	45.78	757	43.08
1 or 2 days	1262	17.69	284	16.16
3 to 5 days	497	6.97	115	6.55
6 to 9 days	317	4.44	83	4.72
10 to 19 days	415	5.82	102	5.81
20 to 29 days	299	4.19	88	5.01
All 30 days	1077	15.10	328	18.67
Total	7132	100.00	1757	100.00

Note that there were missing values of Number of days used an electronic vapor product during the past 30 days for 21 case(s) among OHYES! participants and 5 case(s) among Appalachian participants.

**Among those who used a vapor product in the past 30 days: During the past 30 days, how did you usually get your electronic vapor products? Note: Respondents could select all that apply.**

Table 83: How vapor products were obtained during the past 30 days

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
I bought them in a store ...	817	3789	21.56	185	980	18.88
I got them on the Internet	155	3789	4.09	39	980	3.98
I gave someone else money to buy them for me	1125	3789	29.69	320	980	32.65
I borrowed them from someone else	2015	3789	53.18	490	980	50.00
A person who can legally buy ... them ...	777	3789	20.51	238	980	24.29
I took them from a store or another person	194	3789	5.12	43	980	4.39
I got them some other way	961	3789	25.36	272	980	27.76

Note that there were missing values of how vapor products were obtained during the past 30 days for 78 case(s) among OHYES! participants and 20 case(s) among Appalachian participants.

**Among those who have ever used vapor products: What are the main reasons you have used electronic vapor products? Note: Respondents could select all that apply.**

Table 84: Reasons for using vapor products

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Family member used them	1616	6871	23.52	419	1697	24.69
Friend used them	3366	6871	48.99	765	1697	45.08
I vape because I am bored	1490	6871	21.69	352	1697	20.74
I vape because my friends pressure me to	795	6871	11.57	211	1697	12.43
To try to quit using other tobacco products	264	6871	3.84	98	1697	5.77
They cost less than other tobacco products	220	6871	3.20	57	1697	3.36
They are easier to get than other tobacco products	407	6871	5.92	101	1697	5.95
They are less harmful than other forms of tobacco	622	6871	9.05	147	1697	8.66
They are available in flavors, such as mint, ...	1370	6871	19.94	325	1697	19.15
I used them for some other reason	2830	6871	41.19	718	1697	42.31

Note that there were missing values of Reasons for using vapor products for 282 case(s) among OHYES! participants and 65 case(s) among Appalachian participants.

**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 85: Perceived risk of smoking one or more packs of cigarettes per day

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	4094	10.26	890	10.78
Slight risk	5129	12.85	1065	12.90
Moderate risk	9872	24.74	1958	23.71
Great risk	20806	52.14	4346	52.62
Total	39901	100.00	8259	100.00

Note that there were missing values of Perceived risk of smoking one or more packs of cigarettes per day for 328 case(s) among OHYES! participants and 78 case(s) among Appalachian participants.

**How much do you think people risk harming themselves physically or in other ways if they use electronic vapor products every day?**

Table 86: Perceived risk of daily use of electronic vapor products

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	4479	11.23	998	12.06
Slight risk	8110	20.33	1608	19.44
Moderate risk	12704	31.85	2504	30.27
Great risk	14590	36.58	3163	38.23
Total	39883	100.00	8273	100.00

Note that there were missing values of Perceived risk of daily use of electronic vapor products for 346 case(s) among OHYES! participants and 64 case(s) among Appalachian participants.

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

Table 87: Perception of parental disapproval for smoking tobacco

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1070	2.67	276	3.32
A little bit wrong	1292	3.22	350	4.21
Wrong	5649	14.08	1232	14.82
Very wrong	32109	80.03	6456	77.65
Total	40120	100.00	8314	100.00

Note that there were missing values of Perception of parental disapproval for smoking tobacco for 109 case(s) among OHYES! participants and 23 case(s) among Appalachian participants.

**How wrong do your parents feel it would be for you to use electronic vapor products?**

Table 88: Perception of parental disapproval for electronic vapor products

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1288	3.21	334	4.02
A little bit wrong	2194	5.47	521	6.27
Wrong	6982	17.42	1441	17.35
Very wrong	29627	73.90	6009	72.35
Total	40091	100.00	8305	100.00

Note that there were missing values of Perception of parental disapproval for electronic vapor products for 138 case(s) among OHYES! participants and 32 case(s) among Appalachian participants.

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

Table 89: Perception of peer disapproval for smoking tobacco

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	3137	7.83	835	10.05
A little bit wrong	4633	11.57	1015	12.22
Wrong	11630	29.04	2346	28.24
Very wrong	20652	51.56	4111	49.49
Total	40052	100.00	8307	100.00

Note that there were missing values of Perception of peer disapproval for smoking tobacco for 177 case(s) among OHYES! participants and 30 case(s) among Appalachian participants.

**How wrong do your friends feel it would be for you to use electronic vapor products?**

Table 90: Perception of peer disapproval for electronic vapor products

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	6213	15.52	1464	17.61
A little bit wrong	6727	16.80	1325	15.94
Wrong	9976	24.92	1955	23.52
Very wrong	17118	42.76	3569	42.93
Total	40034	100.00	8313	100.00

Note that there were missing values of Perception of peer disapproval for electronic vapor products for 195 case(s) among OHYES! participants and 24 case(s) among Appalachian participants.

### 3. Prescription Drugs

**During your life, how many times have you taken any prescription drugs (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription or differently than how a doctor told you to use it?**

Table 91: Number of times taken any prescription drugs without a doctor's prescription during lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	37611	93.56	7799	93.63
1 or 2 times	1391	3.46	262	3.15
3 to 9 times	565	1.41	130	1.56
10 to 19 times	212	0.53	49	0.59
20 to 39 times	105	0.26	24	0.29
40 or more times	315	0.78	66	0.79
Total	40199	100.00	8330	100.00

Note that there were missing values of Number of times taken any prescription drugs without a doctor's prescription during lifetime for 30 case(s) among OHYES! participants and 7 case(s) among Appalachian participants.

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

Table 92: Used prescription drugs not prescribed to you during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	39708	98.79	8208	98.57
Yes	485	1.21	119	1.43
Total	40193	100.00	8327	100.00

Note that there were missing values of Used prescription drugs not prescribed to you during the past 30 days for 36 case(s) among OHYES! participants and 10 case(s) among Appalachian participants.

**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 93: Used prescription drugs not prescribed to you during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	2097	81.22	409	77.46
Yes	485	18.78	119	22.54
Total	2582	100.00	528	100.00

Note that there were missing values of Used prescription drugs not prescribed to you during the past 30 days for 6 case(s) among OHYES! participants and 3 case(s) among Appalachian participants.

**During your life, how many times have you taken a prescription pain medicine without a doctor's prescription or differently than how a doctor told you to use it?**

Table 94: Number of times taken a prescription pain medicine without a doctor's prescription during lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	38954	96.92	8047	96.63
1 or 2 times	571	1.42	140	1.68
3 to 9 times	323	0.80	61	0.73
10 to 19 times	138	0.34	27	0.32
20 to 39 times	79	0.20	18	0.22
40 or more times	127	0.32	35	0.42
Total	40192	100.00	8328	100.00

Note that there were missing values of Number of times taken a prescription pain medicine without a doctor's prescription during lifetime for 37 case(s) among OHYES! participants and 9 case(s) among Appalachian participants.



**During the past 30 days, have you used prescription pain medicine without a doctor’s prescription or differently than how a doctor told you to use it?**

Table 95: Used prescription pain medicine not prescribed to you during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	39785	98.99	8227	98.79
Yes	404	1.01	101	1.21
Total	40189	100.00	8328	100.00

Note that there were missing values of Used prescription pain medicine not prescribed to you during the past 30 days for 40 case(s) among OHYES! participants and 9 case(s) among Appalachian participants.

**Among those who have used a prescription pain medicine without a doctor’s prescription: During the past 30 days, have you used prescription pain medicine without a doctor’s prescription or differently than how a doctor told you to use it?**

Table 96: Used prescription pain medicine not prescribed to you during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	831	67.29	180	64.06
Yes	404	32.71	101	35.94
Total	1235	100.00	281	100.00

Note that there were missing values of Used prescription pain medicine not prescribed to you during the past 30 days for 3 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

**Among those who have taken a prescription drug without a doctor’s prescription: When do you usually use prescription drugs not prescribed to you? Note: Respondents could select all that apply.**

Table 97: Time of day when usually misuse prescription drugs

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Before school	518	1256	41.24	106	273	38.83
During school	147	1256	11.70	30	273	10.99
After school	612	1256	48.73	128	273	46.89
Week nights	454	1256	36.15	97	273	35.53
Weekends	627	1256	49.92	141	273	51.65

Note that there were missing values of Time of day when usually misuse prescription drugs for 1332 case(s) among OHYES! participants and 258 case(s) among Appalachian participants.

The 2015-2022 survey item differed, as participants were only able to select one response option.

**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 98: Perceived risk of prescription drug misuse/abuse

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	3056	7.66	668	8.07
Slight risk	3561	8.93	689	8.32
Moderate risk	10176	25.51	1998	24.14
Great risk	23105	57.91	4922	59.47
Total	39898	100.00	8277	100.00

Note that there were missing values of Perceived risk of prescription drug misuse/abuse for 331 case(s) among OHYES! participants and 60 case(s) among Appalachian participants.

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

Table 99: Perception of parental disapproval for prescription drug misuse/abuse

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1032	2.57	233	2.80
A little bit wrong	1135	2.83	274	3.30
Wrong	4981	12.42	1057	12.72
Very wrong	32956	82.18	6744	81.17
Total	40104	100.00	8308	100.00

Note that there were missing values of Perception of parental disapproval for prescription drug misuse/abuse for 125 case(s) among OHYES! participants and 29 case(s) among Appalachian participants.

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

Table 100: Perception of peer disapproval for prescription drug misuse/abuse

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1993	4.98	484	5.83
A little bit wrong	2977	7.44	584	7.03
Wrong	9933	24.83	2000	24.09
Very wrong	25098	62.74	5234	63.05
Total	40001	100.00	8302	100.00

Note that there were missing values of Perception of peer disapproval for prescription drug misuse/abuse for 228 case(s) among OHYES! participants and 35 case(s) among Appalachian participants.

#### 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 101: Number of times taken over the counter medication to get high during lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	36820	92.03	7606	91.76
1 or 2 times	911	2.28	211	2.55
3 to 9 times	624	1.56	134	1.62
10 to 19 times	460	1.15	96	1.16
20 to 39 times	325	0.81	68	0.82
40 or more times	867	2.17	174	2.10
Total	40007	100.00	8289	100.00

Note that there were missing values of Number of times taken over the counter medication to get high during lifetime for 222 case(s) among OHYES! participants and 48 case(s) among Appalachian participants.

## 5. Marijuana

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

Table 102: Age when first tried marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
I have never tried marijuana	35007	87.14	7210	86.62
8 years old or younger	185	0.46	53	0.64
9 or 10 years old	314	0.78	82	0.99
11 or 12 years old	980	2.44	231	2.78
13 or 14 years old	1889	4.70	376	4.52
15 or 16 years old	1586	3.95	323	3.88
17 years old or older	214	0.53	49	0.59
Total	40175	100.00	8324	100.00

Note that there were missing values of Age when first tried marijuana for 54 case(s) among OHYES! participants and 13 case(s) among Appalachian participants.

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

Table 103: Age when first tried marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
8 years old or younger	185	3.58	53	4.76
9 or 10 years old	314	6.08	82	7.36
11 or 12 years old	980	18.96	231	20.74
13 or 14 years old	1889	36.55	376	33.75
15 or 16 years old	1586	30.69	323	28.99
17 years old or older	214	4.14	49	4.40
Total	5168	100.00	1114	100.00

Note that there were missing values of Age when first tried marijuana for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

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

Table 104: Used marijuana or hashish during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
I have never tried marijuana	35007	87.17	7210	86.66
No	2857	7.11	642	7.72
Yes	2297	5.72	468	5.62
Total	40161	100.00	8320	100.00

Note that there were missing values of Used marijuana or hashish during the past 30 days for 68 case(s) among OHYES! participants and 17 case(s) among Appalachian participants.

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

Table 105: Used marijuana or hashish during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	2857	55.43	642	57.84
Yes	2297	44.57	468	42.16
Total	5154	100.00	1110	100.00

Note that there were missing values of Used marijuana or hashish during the past 30 days for 14 case(s) among OHYES! participants and 4 case(s) among Appalachian participants.

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

Table 106: Number of times used marijuana during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
1 or 2 times	643	28.68	126	27.75
3 to 9 times	550	24.53	108	23.79
10 to 19 times	298	13.29	57	12.56
20 to 39 times	235	10.48	53	11.67
40 or more times	516	23.02	110	24.23
Total	2242	100.00	454	100.00

Note that there were missing values of Number of times used marijuana during the past 30 days for 55 case(s) among OHYES! participants and 14 case(s) among Appalachian participants.

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

Table 107: Usual method of using marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
I smoked it in a joint, bong, pipe, or blunt	1292	56.54	263	56.44
I ate it in food such as brownies, cakes, cookies, or candy	158	6.91	32	6.87
I drank it in tea, cola, alcohol, or other drinks	7	0.31	2	0.43
I vaporized it	627	27.44	125	26.82
I dabbled it using waxes or concentrates	109	4.77	26	5.58
I used it some other way	92	4.03	18	3.86
Total	2285	100.00	466	100.00

Note that there were missing values of Usual method of using marijuana for 12 case(s) among OHYES! participants and 2 case(s) among Appalachian participants.

“I dabbled it using waxes or concentrates” was added as a response option in the 2022-2023 survey.

**Among those who have used marijuana in the past 30 days: When do you usually use marijuana? Note: Respondents could select all that apply.**

Table 108: Time of day when usually misuse marijuana

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Before school	741	2240	33.08	159	455	34.95
During school	499	2240	22.28	100	455	21.98
After school	1250	2240	55.80	264	455	58.02
Week nights	1220	2240	54.46	257	455	56.48
Weekends	1912	2240	85.36	378	455	83.08

Note that there were missing values of Time of day when usually misuse marijuana for 57 case(s) among OHYES! participants and 76 case(s) among Appalachian participants.

The 2015-2022 survey item differed, as participants were only able to select one response option.

**How much do you think people risk harming themselves physically or in other ways if they smoke marijuana once or twice a week?**

Table 109: Perceived risk of smoking marijuana once or twice per week

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	7352	18.45	1629	19.70
Slight risk	10621	26.65	2053	24.83
Moderate risk	11230	28.18	2204	26.66
Great risk	10652	26.73	2381	28.80
Total	39855	100.00	8267	100.00

Note that there were missing values of Perceived risk of smoking marijuana once or twice per week for 374 case(s) among OHYES! participants and 70 case(s) among Appalachian participants.



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

Table 110: Perception of parental disapproval for smoking marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1901	4.74	432	5.20
A little bit wrong	2877	7.18	583	7.01
Wrong	5567	13.88	1118	13.45
Very wrong	29750	74.20	6181	74.34
Total	40095	100.00	8314	100.00

Note that there were missing values of Perception of parental disapproval for smoking marijuana for 134 case(s) among OHYES! participants and 23 case(s) among Appalachian participants.

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

Table 111: Perception of peer disapproval for smoking marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	6136	15.33	1303	15.69
A little bit wrong	5360	13.39	1053	12.68
Wrong	9061	22.63	1830	22.04
Very wrong	19475	48.65	4117	49.58
Total	40032	100.00	8303	100.00

Note that there were missing values of Perception of peer disapproval for smoking marijuana for 197 case(s) among OHYES! participants and 34 case(s) among Appalachian participants.

## 6. Illicit Drugs

During the past year, have you used any of the following? Note: Respondents could select all that apply.

Table 112: Illicit drugs used during the past year

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
cocaine (powder, crack or freebase)	173	40229	0.43	57	8337	0.68
inhalants, sniffed glue, breathed aerosols paints or sprays to get high	318	40229	0.79	101	8337	1.21
heroin	87	40229	0.22	34	8337	0.41
methamphetamines	107	40229	0.27	37	8337	0.44
ecstasy	151	40229	0.38	47	8337	0.56
hallucinogenic drugs	381	40229	0.95	83	8337	1.00
steroid pills or shots without a prescription	112	40229	0.28	31	8337	0.37
synthetic marijuana	454	40229	1.13	119	8337	1.43

Note that there are missing values of Illicit drugs used during the past year listed for a maximum of 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

**Past year use of any illicit substances (cocaine, inhalants, heroin, methamphetamines, ecstasy, hallucinogenic drugs, steroids, and synthetic marijuana) - Calculated**

Table 113: Past year use of any illicit substances - Calculated

Response	OHYES!		Appalachian	
	n	%	n	%
No	39186	97.41	8067	96.76
Yes	1043	2.59	270	3.24
Total	40229	100.00	8337	100.00

Note that there were missing values of Past year use of any illicit substances - Calculated for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

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

Table 114: Illegal drug solicitation during the past year

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
On school property	1926	39617	4.86	347	8208	4.23
On the school bus	543	39617	1.37	161	8208	1.96
At a friend's house	1401	39617	3.54	276	8208	3.36
In my neighborhood	1258	39617	3.18	250	8208	3.05
At one of these locations	3346	39617	8.45	693	8208	8.44

Note that there were missing values of Illegal drug solicitation during the past year for 612 case(s) among OHYES! participants and 129 case(s) among Appalachian participants.

The 2015-2022 survey reports provided percentages for “None of these locations”, which was switched to “At one of these locations” for ease of interpretation.

## F. Gambling

During the past 12 months, how often did you gamble money or things while playing cards, betting on personal skills or sports teams, buying lottery tickets or scratch-offs, or in internet gaming including skins or loot boxes?

Table 115: Frequency gambled money or personal items during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
I did not gamble money or personal items	34223	85.74	7052	85.30
Less than once a month	3024	7.58	601	7.27
About once a month	1355	3.39	273	3.30
About once a week	748	1.87	188	2.27
Daily	566	1.42	153	1.85
Total	39916	100.00	8267	100.00

Note that there were missing values of Frequency gambled money or personal items during the past year for 313 case(s) among OHYES! participants and 70 case(s) among Appalachian participants.

Examples of gambling differed between the 2015-2019 and 2019-2023 surveys, where it was defined as “playing cards, betting on personal skills or sports teams, buying lottery tickets or scratch-offs, or using the Internet” in the 2015-2019 survey.

**Among those who have gambled in the past 12 months: During the past 12 months, how often did you gamble money or things while playing cards, betting on personal skills or sports teams, buying lottery tickets or scratch-offs, or in internet gaming including skins or loot boxes?**

Table 116: Frequency gambled money or personal items during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Less than once a month	3024	53.12	601	49.47
About once a month	1355	23.80	273	22.47
About once a week	748	13.14	188	15.47
Daily	566	9.94	153	12.59
Total	5693	100.00	1215	100.00

Note that there were missing values of Frequency gambled money or personal items during the past year for 0 case(s) among OHYES! participants and 0 case(s) among Appalachian participants.

Examples of gambling differed between the 2015-2019 and 2019-2023 surveys, where it was defined as “playing cards, betting on personal skills or sports teams, buying lottery tickets or scratch-offs, or using the Internet” in the 2015-2019 survey.

**Among those who have gambled in the past 12 months: During the last 12 months, have you ever gambled more than you planned to?**

Table 117: Gambled more than planned during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	4325	76.27	866	71.57
Yes	1346	23.73	344	28.43
Total	5671	100.00	1210	100.00

Note that there were missing values of Gambled more than planned during the past year for 22 case(s) among OHYES! participants and 5 case(s) among Appalachian participants.

**Among those who have gambled in the past 12 months: During the last 12 months, have you ever felt bad about the amount you bet, or about what happens when you bet money or things?**

Table 118: Felt bad about the amount bet or about what happens when betting during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	4380	77.83	924	77.00
Yes	1248	22.17	276	23.00
Total	5628	100.00	1200	100.00

Note that there were missing values of Felt bad about the amount bet or about what happens when betting during the past year for 65 case(s) among OHYES! participants and 15 case(s) among Appalachian participants.

**Among those who have gambled in the past 12 months: During the last 12 months, have you ever hidden from family or friends any betting slips, I.O.U.s, lottery tickets, money or things that you have won, or other signs of gambling?**

Table 119: Hidden from family or friends signs of gambling during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	5119	91.25	1070	89.69
Yes	491	8.75	123	10.31
Total	5610	100.00	1193	100.00

Note that there were missing values of Hidden from family or friends signs of gambling during the past year for 83 case(s) among OHYES! participants and 22 case(s) among Appalachian participants.

**Among those who have gambled in the past 12 months: Have you ever lied to people important to you about how much you gamble?**

Table 120: Ever lied to important people about gambling

Response	OHYES!		Appalachian	
	n	%	n	%
No	5173	92.11	1067	89.14
Yes	443	7.89	130	10.86
Total	5616	100.00	1197	100.00

Note that there were missing values of Ever lied to important people about gambling for 77 case(s) among OHYES! participants and 18 case(s) among Appalachian participants.

“Lied” was worded as, “Not been honest with” in the 2020-2022 survey.

## G. Sexual Health

### 1. Sexual Behavior

Have you ever had sexual intercourse?

Table 121: Ever had sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No	4068	81.29	827	82.62
Yes	936	18.71	174	17.38
Total	5004	100.00	1001	100.00

Note that there were missing values of Ever had sexual intercourse for 35225 case(s) among OHYES! participants and 7336 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.

**Among those who reported ever having sexual intercourse: The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy?**

Table 122: Method of pregnancy prevention during last sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No method was used to prevent pregnancy	135	14.58	19	10.98
Birth control pills	182	19.65	48	27.75
Condoms	351	37.90	67	38.73
An IUD or implant	72	7.78	17	9.83
A shot, patch, or birth control ring	35	3.78	6	3.47
Withdrawal	60	6.48	5	2.89
Not sure	25	2.70	2	1.16
Not applicable	66	7.13	9	5.20
Total	926	100.00	173	100.00

Note that there were missing values of Method of pregnancy prevention during last sexual intercourse for 10 case(s) among OHYES! participants and 1 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument. The 2019-2023 surveys included the response option “Not applicable”, which was not included in the 2015-2019 survey. The 2015-2019 survey included the response option “I have never had sexual intercourse”, which was not included in the 2019-2023 surveys.

**Among those who reported ever having sexual intercourse: The last time you had sexual intercourse, did you or your partner use a condom?**

Table 123: Used a condom during last sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No	408	44.11	61	35.47
Yes	517	55.89	111	64.53
Total	925	100.00	172	100.00

Note that there were missing values of Used a condom during last sexual intercourse for 11 case(s) among OHYES! participants and 2 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.

**Among those who reported ever having sexual intercourse: During the past 3 months, with how many people did you have sexual intercourse?**

Table 124: Number of sexual intercourse partners during the past 3 months

Response	OHYES!		Appalachian	
	n	%	n	%
None during the past three months	273	29.39	55	31.79
1 person	509	54.79	97	56.07
2 people	77	8.29	12	6.94
3 people	31	3.34	3	1.73
4 people	14	1.51	3	1.73
5 people	4	0.43	2	1.16
6 or more people	21	2.26	1	0.58
Total	929	100.00	173	100.00

Note that there were missing values of Number of sexual intercourse partners during the past 3 months for 7 case(s) among OHYES! participants and 1 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.



**Among those who reported ever having sexual intercourse: Did you drink alcohol or use drugs before you had sexual intercourse the last time?**

Table 125: Drank alcohol or used drugs before last sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No	799	85.55	149	86.13
Yes	135	14.45	24	13.87
Total	934	100.00	173	100.00

Note that there were missing values of Drank alcohol or used drugs before last sexual intercourse for 2 case(s) among OHYES! participants and 1 case(s) among Appalachian participants.

This item only appears on the optional version of the survey instrument.