

OHYES! Report for Appalachian Region - 2019-2020



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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, and School Success. As part of a periodic review process, the instrument was revised for the 2019-2020 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 eight sexual behavior questions that could be sensitive to some communities. This report includes all 119 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.

Survey Administration

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

Confidentiality

Survey administrators are provided protocols to ensure the privacy and confidentiality of the survey participants. Since the OHYES! is a web-based application, no information is collected or stored on school servers, and individual identification numbers are not collected. The data from the web application is collected and stored on secured, encrypted, and password protected servers at 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 that participated in the OHYES! survey during the 2019-2020 school year include: Adams County, Athens County, Belmont County, Brown County, Carroll County, Columbiana County, Coshocton County, Gallia County, Harrison County, Jackson County, Jefferson County, Lawrence County, Monroe County, Noble County, Perry County, Scioto County, Tuscarawas County, Washington County. This report also includes results for all Ohio students who participated in the OHYES! survey during the 2019-2020 school year. For more information on OHYES! participation by school year, please visit the results section of the OHYES! website at ohyes.ohio.gov/Results.

Limitations

As a reminder, the OHYES! was designed to provide actionable local data for district superintendents and school principals based on a voluntary sample of surveyed youth. The OHYES! data were collected based on a descriptive, cross-sectional survey design with a non-probability sampling method. The voluntary nature of the survey means that the OHYES! results are not generalizable to all Ohio youth. Further, county-level OHYES! results may not represent all students in a given county or school district. Any interpretations from the OHYES! data must keep these limitations in mind. This report may not provide numbers that are an exact match to the reports available on the Ohio Department of Health (ODH) Public Health Data Warehouse. This is due to ODH data suppression rules and differing data subset criteria.

Report Preparation

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A. Demographics

OHYES! participants

Table 1: Participants

Response	OHYES!		Appalachian	
	n	%	n	%
Participants	35123	100.00	9541	100.00
Total	35123	100.00	9541	100.00

How old are you?

Table 2: Age

Response	OHYES!		Appalachian	
	n	%	n	%
12 years old	5570	15.97	1369	14.45
13 years old	6859	19.67	2061	21.75
14 years old	6179	17.72	1785	18.84
15 years old	5440	15.60	1703	17.97
16 years old	5469	15.68	1258	13.28
17 years old	4133	11.85	961	10.14
18 years old or older	1229	3.52	339	3.58
Total	34879	100.00	9476	100.00

Note that there were missing values of Age for 244 cases among OHYES! participants and 65 cases among Appalachian participants.

What is your sex?

Table 3: Gender

Response	OHYES!		Appalachian	
	n	%	n	%
Male	17330	49.60	4667	49.16
Female	16911	48.40	4596	48.41
Transgender	258	0.74	94	0.99
Gender Nonconforming	439	1.26	136	1.43
Total	34938	100.00	9493	100.00

Note that there were missing values of Gender for 185 cases among OHYES! participants and 48 cases among Appalachian participants.

In what grade are you?

Table 4: School Grade

Response	OHYES!		Appalachian	
	n	%	n	%
7th grade	8362	24.04	2270	24.02
8th grade	6273	18.04	1944	20.57
9th grade	6042	17.37	1642	17.37
10th grade	5229	15.03	1747	18.48
11th grade	5602	16.11	975	10.32
12th grade	3210	9.23	861	9.11
Ungraded or other grade	63	0.18	12	0.13
Total	34781	100.00	9451	100.00

Note that there were missing values of School Grade for 342 cases among OHYES! participants and 90 cases among Appalachian participants.

Are you Hispanic or Latino?

Table 5: Hispanic Origin

Response	OHYES!		Appalachian	
	n	%	n	%
No	32002	93.42	8934	95.86
Yes	2255	6.58	386	4.14
Total	34257	100.00	9320	100.00

Note that there were missing values of Hispanic Origin for 866 cases among OHYES! participants and 221 cases 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)	2670	7.77	250	2.66
White (non-Hispanic)	23522	68.49	7270	77.45
Hispanic/Latino	2255	6.57	386	4.11
All other races (non-Hispanic)	2985	8.69	540	5.75
Multiple races (non-Hispanic)	2914	8.48	941	10.02
Total	34346	100.00	9387	100.00

Note that there were missing values of Race and Hispanic Origin for 777 cases among OHYES! participants and 154 cases 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	962	42.66	210	54.40
Hispanic - Black or African-American	239	10.60	24	6.22
Hispanic - Other	511	22.66	130	33.68
Hispanic - No Race Specified	543	24.08	22	5.70
Total	2255	100.00	386	100.00

Note that there were missing values of Hispanic Origin and Race for 0 cases among OHYES! participants and 0 cases among Appalachian participants.

Which of the following best describes you?

Table 8: Sexual Orientation

Response	OHYES!		Appalachian	
	n	%	n	%
Heterosexual/Straight	9220	84.36	1323	85.47
Gay or Lesbian	208	1.90	28	1.81
Bi-sexual	771	7.05	121	7.82
Not sure	730	6.68	76	4.91
Total	10929	100.00	1548	100.00

Note that there were missing values of Sexual Orientation for 24194 cases among OHYES! participants and 7993 cases among Appalachian participants.

This item only appears on the optional version of the survey instrument. Possible item responses differed between the 2015-2019 and 2019-2020 surveys, and responses were coded to maintain consistency between the survey versions.

Do you have a disability or long-term health problem that keeps you from doing everyday activities?

Table 9: Have a disability or long-term health problem

Response	OHYES!		Appalachian	
	n	%	n	%
No	30179	87.93	8106	86.71
Yes	1860	5.42	564	6.03
Not sure	2281	6.65	678	7.25
Total	34320	100.00	9348	100.00

Note that there were missing values of Have a disability or long-term health problem for 803 cases among OHYES! participants and 193 cases among Appalachian participants.

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

Table 10: Notified by doctor, nurse, or parent of disability or long-term health problem

Response	OHYES!		Appalachian	
	n	%	n	%
No	28309	82.82	7646	82.12
Yes	3512	10.27	943	10.13
Not sure	2360	6.90	722	7.75
Total	34181	100.00	9311	100.00

Note that there were missing values of Notified by doctor, nurse, or parent of disability or long-term health problem for 942 cases among OHYES! participants and 230 cases among Appalachian participants.

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

Table 11: Number of times moved to new address

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	8099	23.63	2459	26.31
1 time	8502	24.81	1968	21.05
2 times	4524	13.20	1135	12.14
3 times	4635	13.52	1205	12.89
4 or more times	8510	24.83	2581	27.61
Total	34270	100.00	9348	100.00

Note that there were missing values of Number of times moved to new address for 853 cases among OHYES! participants and 193 cases among Appalachian participants.

B. Family, School, and Community Environment

1. Community Environments

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

Table 12: There are a lot of adults in the neighborhood (town, community) to talk to about something important

Response	OHYES!		Appalachian	
	n	%	n	%
No	12585	45.24	3736	48.34
Yes	15236	54.76	3993	51.66
Total	27821	100.00	7729	100.00

Note that there were missing values of There are a lot of adults in the neighborhood (town, community) to talk to about something important for 7302 cases among OHYES! participants and 1812 cases among Appalachian participants.

I do not participate in organized after-school activities because... Note: Respondents could select all that apply.

Table 13: Barriers to participation in after school activities.

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Does not apply - I am able to participate ...	16011	27357	58.53	4409	7569	58.25
No activities interest me	4603	27357	16.83	1400	7569	18.50
I do not like the group of students who are participating	2550	27357	9.32	682	7569	9.01
I'm afraid other kids would make fun of me	2790	27357	10.20	808	7569	10.68
I have no time because of school work	3640	27357	13.31	703	7569	9.29
I have no time because of a job	1417	27357	5.18	287	7569	3.79
I have no time because I have to do things for my family	1828	27357	6.68	497	7569	6.57
My parents won't let me	771	27357	2.82	247	7569	3.26
It costs too much	1763	27357	6.44	478	7569	6.32
I have no way to get to or home from activities	1665	27357	6.09	455	7569	6.01
I do not think I am good enough	3151	27357	11.52	892	7569	11.78
I was not chosen for the team	730	27357	2.67	140	7569	1.85
I have health conditions that make it difficult	827	27357	3.02	273	7569	3.61
I am concerned about my weight	1655	27357	6.05	568	7569	7.50

Note that there were missing values of Barriers to participation in after school activities for 7766 cases among OHYES! participants and 1972 cases among Appalachian participants.

2. Family and Peer Factors

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

Table 14: Level of agreement that parents talk to them about what they do in school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	1203	4.18	501	6.31
Disagree	1894	6.58	642	8.09
Neutral	5575	19.37	1750	22.05
Agree	12171	42.29	3151	39.71
Strongly agree	7935	27.57	1892	23.84
Total	28778	100.00	7936	100.00

Note that there were missing values of Level of agreement that parents talk to them about what they do in school for 6345 cases among OHYES! participants and 1605 cases among Appalachian participants.

My parents push me to work hard at school.

Table 15: Level of agreement that parents push them to work harder at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	606	2.11	246	3.11
Disagree	819	2.85	287	3.63
Neutral	3861	13.45	1266	15.99
Agree	10360	36.10	2740	34.62
Strongly agree	13054	45.48	3376	42.65
Total	28700	100.00	7915	100.00

Note that there were missing values of Level of agreement that parents push them to work harder at school for 6423 cases among OHYES! participants and 1626 cases among Appalachian participants.

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

Table 16: Frequency that parents check homework during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Never or almost never	5643	19.62	1621	20.43
Sometimes	6550	22.77	1669	21.03
Often	6426	22.34	1603	20.20
All the time	10147	35.27	3042	38.34
Total	28766	100.00	7935	100.00

Note that there were missing values of Frequency that parents check homework during the past year for 6357 cases among OHYES! participants and 1606 cases 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 17: Frequency that parents limit electronics

Response	OHYES!		Appalachian	
	n	%	n	%
Never	10195	36.34	3365	43.29
Rarely	6865	24.47	1784	22.95
Sometimes	6263	22.32	1530	19.68
Often	4733	16.87	1095	14.09
Total	28056	100.00	7774	100.00

Note that there were missing values of Frequency that parents limit electronics for 7067 cases among OHYES! participants and 1767 cases among Appalachian participants.

3. Safety and Violence

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

Table 18: Feel safe in neighborhood

Response	OHYES!		Appalachian	
	n	%	n	%
No	2897	8.80	1254	14.08
Yes	30016	91.20	7652	85.92
Total	32913	100.00	8906	100.00

Note that there were missing values of Feel safe in neighborhood for 2210 cases among OHYES! participants and 635 cases among Appalachian participants.

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

Adverse Childhood Experiences (ACEs) by category.

Table 19: Adverse Childhood Experiences (ACEs) by category

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Abuse						
Physical Abuse	2072	30332	6.83	608	8325	7.30
Emotional Abuse	8135	30332	26.82	2250	8325	27.03
Sexual Abuse	437	9804	4.46	116	1380	8.41
Household Challenges						
Witnessed Domestic Violence	2279	30332	7.51	873	8325	10.49
Household Mental Illness	7570	30697	24.66	2209	8377	26.37
Household Substance Abuse	6656	30697	21.68	2290	8377	27.34
Parental Separation or Divorce	11424	30332	37.66	3993	8325	47.96
Incarcerated Household Members	4103	30697	13.37	1617	8377	19.30

Note that the number of missing values varies by ACE subcategory. Under some conditions you may not see a row for Sexual Abuse in the table. This is because these items only appear 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 Sexual Abuse questions.

Number of Adverse Childhood Experiences

Table 20: Number of Adverse Childhood Experiences

Response	OHYES!		Appalachian	
	n	%	n	%
0	13024	41.96	2973	35.15
1	7575	24.40	2081	24.61
2	3957	12.75	1198	14.17
3	2573	8.29	830	9.81
4 or more	3911	12.60	1375	16.26
Total	31040	100.00	8457	100.00

Note that there were missing values of Number of Adverse Childhood Experiences for 4083 cases among OHYES! participants and 1084 cases among Appalachian participants.

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

Table 21: 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	14730	43.83	2934	32.15
0 times	17063	50.78	5514	60.43
1 time	798	2.37	290	3.18
2 or 3 times	584	1.74	218	2.39
4 or 5 times	146	0.43	58	0.64
6 or more times	283	0.84	111	1.22
Total	33604	100.00	9125	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 1519 cases among OHYES! participants and 416 cases 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 22: 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	17063	90.40	5514	89.06
1 time	798	4.23	290	4.68
2 or 3 times	584	3.09	218	3.52
4 or 5 times	146	0.77	58	0.94
6 or more times	283	1.50	111	1.79
Total	18874	100.00	6191	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 cases among OHYES! participants and 0 cases among Appalachian participants.

Have you ever been forced to do sexual things that you did not want to do?

Table 23: Ever been forced to do sexual things that you did not want to do

Response	OHYES!		Appalachian	
	n	%	n	%
No	9854	91.78	1302	86.57
Yes	882	8.22	202	13.43
Total	10736	100.00	1504	100.00

Note that there were missing values of Ever been forced to do sexual things that you did not want to do for 24387 cases among OHYES! participants and 8037 cases among Appalachian participants.

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

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 24: 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	4928	46.20	436	29.12
0 times	5191	48.66	941	62.86
1 time	257	2.41	54	3.61
2 or 3 times	185	1.73	43	2.87
4 or 5 times	42	0.39	10	0.67
6 or more times	64	0.60	13	0.87
Total	10667	100.00	1497	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 24456 cases among OHYES! participants and 8044 cases 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 25: 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	5191	90.45	941	88.69
1 time	257	4.48	54	5.09
2 or 3 times	185	3.22	43	4.05
4 or 5 times	42	0.73	10	0.94
6 or more times	64	1.12	13	1.23
Total	5739	100.00	1061	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 cases among OHYES! participants and 0 cases 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 26: Frequency felt safe at school during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Never	845	2.48	356	3.83
Rarely	1025	3.00	370	3.98
Sometimes	3979	11.65	1316	14.16
Most of the time	16095	47.14	4202	45.20
All of the time	12197	35.73	3053	32.84
Total	34141	100.00	9297	100.00

Note that there were missing values of Frequency felt safe at school during the past year for 982 cases among OHYES! participants and 244 cases 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 27: 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	30653	90.32	8262	89.42
1 day	1739	5.12	480	5.19
2 or 3 days	975	2.87	315	3.41
4 or 5 days	272	0.80	88	0.95
6 or more days	298	0.88	95	1.03
Total	33937	100.00	9240	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 1186 cases among OHYES! participants and 301 cases 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 28: Number of times threatened by someone with a weapon on school property during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	30350	90.39	8238	90.33
1 time	1872	5.58	491	5.38
2 or 3 times	921	2.74	246	2.70
4 or 5 times	152	0.45	50	0.55
6 or more times	281	0.84	95	1.04
Total	33576	100.00	9120	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 1547 cases among OHYES! participants and 421 cases among Appalachian participants.

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

Table 29: Types of bullying experienced during the past year

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Hit, kicked, punched, or people took belongings	2386	32848	7.26	772	8954	8.62
Teased, taunted, or called harmful names	7461	32848	22.71	2240	8954	25.02
Spread mean rumors about or kept out of a group	6243	32848	19.01	1890	8954	21.11
Teased, taunted, or threatened by e-mail, cell phone, or other electronic methods	2010	32848	6.12	615	8954	6.87
Nude or semi-nude pictures used to pressure someone to have sex that does not want to, blackmail, intimidate, or exploit another person	709	32848	2.16	265	8954	2.96
None of the above	22402	32848	68.20	5840	8954	65.22

Note that there were missing values of types of bullying experienced during the past year for 2275 cases among OHYES! participants and 587 cases 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 30: Bullied on school property during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	4171	40.43	1117	36.34
Yes	6145	59.57	1957	63.66
Total	10316	100.00	3074	100.00

Note that there were missing values of Bullied on school property during the past year for 130 cases among OHYES! participants and 40 cases 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 31: Electronically bullied during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	6428	62.70	1808	59.36
Yes	3824	37.30	1238	40.64
Total	10252	100.00	3046	100.00

Note that there were missing values of Electronically bullied during the past year for 194 cases among OHYES! participants and 68 cases among Appalachian participants.

Parentetical definition of electronically being bullied differed between the 2015-2019 and 2019-2020 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 32: Number of times in a physical fight during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	27254	82.66	7056	79.21
1 time	3366	10.21	1070	12.01
2 to 5 times	1812	5.50	612	6.87
6 or more times	539	1.63	170	1.91
Total	32971	100.00	8908	100.00

Note that there were missing values of Number of times in a physical fight during the past year for 2152 cases among OHYES! participants and 633 cases 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 33: Number of times in a physical fight on school property during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	3298	58.99	1052	57.77
1 time	1642	29.37	548	30.09
2 to 5 times	516	9.23	178	9.77
6 or more times	135	2.41	43	2.36
Total	5591	100.00	1821	100.00

Note that there were missing values of Number of times in a physical fight on school property during the past year for 126 cases among OHYES! participants and 31 cases among Appalachian participants.

5. School Connectedness and Success

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

Table 34: Academic performance during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Mostly A's	16987	49.67	3985	42.74
Mostly B's	10655	31.16	3091	33.15
Mostly C's	3690	10.79	1161	12.45
Mostly D's	736	2.15	229	2.46
Mostly F's	365	1.07	125	1.34
None of these grades	133	0.39	28	0.30
Not sure	1632	4.77	705	7.56
Total	34198	100.00	9324	100.00

Note that there were missing values of Academic performance during the past year for 925 cases among OHYES! participants and 217 cases among Appalachian participants.

I enjoy coming to school.

Table 35: Level of enjoyment in coming to school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	3916	13.54	1501	18.84
Disagree	4213	14.57	1147	14.40
Neutral	11568	40.01	3279	41.16
Agree	7381	25.53	1585	19.89
Strongly agree	1835	6.35	455	5.71
Total	28913	100.00	7967	100.00

Note that there were missing values of Level of enjoyment in coming to school for 6210 cases among OHYES! participants and 1574 cases among Appalachian participants.

I feel like I belong at my school.

Table 36: Level of belonging at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	2594	8.99	992	12.48
Disagree	3121	10.82	995	12.52
Neutral	8939	30.99	2562	32.23
Agree	10557	36.60	2474	31.13
Strongly agree	3633	12.60	925	11.64
Total	28844	100.00	7948	100.00

Note that there were missing values of Level of belonging at school for 6279 cases among OHYES! participants and 1593 cases among Appalachian participants.

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

Table 37: Level of support from adults at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	2375	8.22	865	10.86
Disagree	3049	10.56	858	10.77
Neutral	7283	25.22	1932	24.26
Agree	10445	36.17	2670	33.53
Strongly agree	5725	19.83	1638	20.57
Total	28877	100.00	7963	100.00

Note that there were missing values of Level of support from adults at school for 6246 cases among OHYES! participants and 1578 cases among Appalachian participants.

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

Table 38: Level of cultural opportunities available at school

Response	OHYES!		Appalachian	
	n	%	n	%
Strongly disagree	1928	6.71	777	9.80
Disagree	2974	10.35	985	12.43
Neutral	8274	28.81	2586	32.63
Agree	10708	37.28	2567	32.39
Strongly agree	4839	16.85	1010	12.74
Total	28723	100.00	7925	100.00

Note that there were missing values of Level of cultural opportunities available at school for 6400 cases among OHYES! participants and 1616 cases 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 39: Heard, read, or watched an advertisement about substance use prevention during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	7458	25.49	2574	31.96
Yes	21798	74.51	5480	68.04
Total	29256	100.00	8054	100.00

Note that there were missing values of Heard, read, or watched an advertisement about substance use prevention during the past year for 5867 cases among OHYES! participants and 1487 cases 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 40: Discussed the dangers of substance use with parents during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	11449	39.10	3703	46.02
Yes	17833	60.90	4343	53.98
Total	29282	100.00	8046	100.00

Note that there were missing values of Discussed the dangers of substance use with parents during the past year for 5841 cases among OHYES! participants and 1495 cases 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 41: 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	29157	89.00	7898	89.02
1 time	1635	4.99	389	4.38
2 or 3 times	1218	3.72	322	3.63
4 or 5 times	223	0.68	79	0.89
6 or more times	529	1.61	184	2.07
Total	32762	100.00	8872	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 2361 cases among OHYES! participants and 669 cases 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 42: 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	17911	55.34	4231	48.34
0 times	13981	43.20	4362	49.83
1 time	235	0.73	81	0.93
2 or 3 times	124	0.38	33	0.38
4 or 5 times	28	0.09	14	0.16
6 or more times	86	0.27	32	0.37
Total	32365	100.00	8753	100.00

Note that there were missing values of Number of times during the past 30 days drove a car when drinking for 2758 cases among OHYES! participants and 788 cases 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 43: Number of days during the past 30 days texted or emailed while driving

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	10621	74.41	3575	79.85
1 or 2 days	1341	9.39	312	6.97
3 to 5 days	559	3.92	141	3.15
6 to 9 days	313	2.19	68	1.52
10 to 19 days	433	3.03	84	1.88
20 to 29 days	244	1.71	54	1.21
All 30 days	763	5.35	243	5.43
Total	14274	100.00	4477	100.00

Note that there were missing values of Number of days during the past 30 days texted or emailed while driving for 180 cases among OHYES! participants and 45 cases among Appalachian participants.

C. Health and Well-being

1. Body Mass Index and Physical Activity

Body Mass Index – Calculated from the respondent’s reported weight, height, and gender

Table 44: Body Mass Index

Response	OHYES!		Appalachian	
	n	%	n	%
Underweight	1024	3.30	251	2.91
Normal or Healthy Weight	20327	65.50	4852	56.17
Overweight	5057	16.30	1633	18.90
Obese	4626	14.91	1902	22.02
Total	31034	100.00	8638	100.00

Note that there were missing values of Body Mass Index for 4089 cases among OHYES! participants and 903 cases among Appalachian participants.

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

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	3447	11.85	1004	12.50
1 day	1648	5.67	415	5.17
2 days	2260	7.77	534	6.65
3 days	2887	9.93	635	7.90
4 days	3732	12.83	974	12.12
5 days	4545	15.63	1260	15.69
6 days	2922	10.05	711	8.85
7 days	7637	26.26	2500	31.12
Total	29078	100.00	8033	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 6045 cases among OHYES! participants and 1508 cases among Appalachian participants.

During the past 12 months, on how many sports teams did you play?

Table 46: Number of sports teams played on during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 teams	8693	30.55	2729	34.65
1 team	7756	27.26	2083	26.45
2 teams	6376	22.41	1476	18.74
3 or more teams	5632	19.79	1588	20.16
Total	28457	100.00	7876	100.00

Note that there were missing values of Number of sports teams played on during the past year for 6666 cases among OHYES! participants and 1665 cases among Appalachian participants.

2. Nutrition

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

Table 47: Number of servings of fruits and vegetables eaten on an average day

Response	OHYES!		Appalachian	
	n	%	n	%
1 to 4 servings per day	22382	77.24	6004	75.13
5 or more servings per day	4106	14.17	976	12.21
0 – I do not like fruits or vegetables	1671	5.77	678	8.48
0 – I cannot afford fruits or vegetables	239	0.82	102	1.28
0 – I do not have access to fruits or vegetables	581	2.00	232	2.90
Total	28979	100.00	7992	100.00

Note that there were missing values of Number of servings of fruits and vegetables eaten on an average day for 6144 cases among OHYES! participants and 1549 cases 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 48: 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	9719	33.56	1877	23.49
1 to 3 times during the past 7 days	12138	41.91	2978	37.27
4 to 6 times during the past 7 days	2756	9.52	1063	13.30
1 time per day	1792	6.19	726	9.09
2 times per day	1247	4.31	601	7.52
3 times per day	526	1.82	287	3.59
4 or more times per day	781	2.70	458	5.73
Total	28959	100.00	7990	100.00

Note that there were missing values of Number of times drank soda or pop during the past week for 6164 cases among OHYES! participants and 1551 cases among Appalachian participants.

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

Table 49: Number of days ate breakfast during the past week

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	4189	14.40	1363	16.97
1 day	2190	7.53	700	8.72
2 days	3043	10.46	911	11.34
3 days	2336	8.03	734	9.14
4 days	2520	8.66	826	10.29
5 days	2525	8.68	727	9.05
6 days	2019	6.94	379	4.72
7 days	10269	35.30	2390	29.76
Total	29091	100.00	8030	100.00

Note that there were missing values of Number of days ate breakfast during the past week for 6032 cases among OHYES! participants and 1511 cases among Appalachian participants.

3. Wellness Visit

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

Table 50: Recency of visiting doctor or a nurse for a check-up when you were not sick or injured

Response	OHYES!		Appalachian	
	n	%	n	%
During the past 12 months	17801	61.66	4248	53.29
Between 12 and 24 months	2620	9.08	773	9.70
More than 24 months	1011	3.50	321	4.03
Never	2206	7.64	799	10.02
Not sure	5231	18.12	1831	22.97
Total	28869	100.00	7972	100.00

Note that there were missing values of Recency of visiting doctor or a nurse for a check-up when you were not sick or injured for 6254 cases among OHYES! participants and 1569 cases among Appalachian participants.

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

Table 51: 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	21315	74.27	5141	64.90
Between 12 and 24 months	2647	9.22	896	11.31
More than 24 months	1196	4.17	456	5.76
Never	650	2.26	293	3.70
Not sure	2890	10.07	1135	14.33
Total	28698	100.00	7921	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 6425 cases among OHYES! participants and 1620 cases 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 52: Number of times suffered a concussion from playing sports or being physically active during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	24917	86.57	6714	84.53
1 time	2565	8.91	761	9.58
2 times	669	2.32	216	2.72
3 times	260	0.90	92	1.16
4 or more times	373	1.30	160	2.01
Total	28784	100.00	7943	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 6339 cases among OHYES! participants and 1598 cases among Appalachian participants.

The 2015-2019 survey asked about concussions from any source, so it is not comparable to the 2019-2020 survey.

5. Sleep

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

Table 53: Number of hours of sleep on average school night

Response	OHYES!		Appalachian	
	n	%	n	%
4 or less hours	2886	8.91	1031	11.77
5 hours	3852	11.90	1144	13.06
6 hours	6381	19.71	1753	20.01
7 hours	8625	26.64	2152	24.57
8 hours	7097	21.92	1812	20.69
9 hours	2739	8.46	621	7.09
10 or more hours	794	2.45	246	2.81
Total	32374	100.00	8759	100.00

Note that there were missing values of Number of hours of sleep on average school night for 2749 cases among OHYES! participants and 782 cases 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 and two questions on depression 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 was considered positive for screening purposes.

Table 54: Patient Health Questionnaire for Psychological Distress (PHQ-4)

Response	OHYES!		Appalachian	
	n	%	n	%
% with anxiety issues warranting further exploration by a mental health professional*	8635	26.86	2427	27.87
% with depression issues warranting further exploration by a mental health professional*	6119	19.22	1847	21.39
% with mental health issues warranting further exploration by a mental health professional*	6723	19.14	1975	20.70

Note: *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 55: 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	22646	74.07	5829	69.66
Yes	7926	25.93	2539	30.34
Total	30572	100.00	8368	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 4551 cases among OHYES! participants and 1173 cases among Appalachian participants.

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

Table 56: Seriously considered attempting suicide during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	26388	86.88	7033	84.73
Yes	3984	13.12	1267	15.27
Total	30372	100.00	8300	100.00

Note that there were missing values of Seriously considered attempting suicide during the past year for 4751 cases among OHYES! participants and 1241 cases 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 57: Number of times attempted suicide during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	2151	54.55	613	48.77
1 time	961	24.37	329	26.17
2 or 3 times	573	14.53	216	17.18
4 or 5 times	131	3.32	48	3.82
6 or more times	127	3.22	51	4.06
Total	3943	100.00	1257	100.00

Note that there were missing values of Number of times attempted suicide during the past year for 41 cases among OHYES! participants and 10 cases 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 58: Attempted suicide that resulted in injury, poisoning, or overdose that had to be treated during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	1417	79.79	500	78.25
Yes	359	20.21	139	21.75
Total	1776	100.00	639	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 16 cases among OHYES! participants and 5 cases among Appalachian participants.

3. Coping Strategies

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

Table 59: Stress management

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
I do not have any stress	4100	30961	13.24	1365	8433	16.19
Through physical activity	15457	30961	49.92	3733	8433	44.27
Through meditation, prayer, or relaxation	6709	30961	21.67	1519	8433	18.01
Participating in hobbies or community service	8120	30961	26.23	1688	8433	20.02
Through creative expression	10059	30961	32.49	2506	8433	29.72
Support from others	9689	30961	31.29	2367	8433	28.07
Avoiding people who create drama	13479	30961	43.54	3881	8433	46.02
Limiting social media	4568	30961	14.75	1250	8433	14.82

Note that there were missing values of Stress management for 4162 cases among OHYES! participants and 1108 cases among Appalachian participants.

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

Table 60: Last time saw a health care provider for a mental health problem

Response	OHYES!		Appalachian	
	n	%	n	%
During the past 12 months	8932	28.64	2388	28.14
Between 12 and 24 months	1475	4.73	405	4.77
More than 24 months	1310	4.20	347	4.09
Never	15009	48.12	3936	46.38
Not sure	4465	14.32	1411	16.63
Total	31191	100.00	8487	100.00

Note that there were missing values of Last time saw a health care provider for a mental health problem for 3932 cases among OHYES! participants and 1054 cases 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 61: 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	20595	70.14	5109	63.81
8 or younger	1058	3.60	412	5.15
9 or 10 years old	769	2.62	286	3.57
11 or 12 years old	1388	4.73	523	6.53
13 or 14 years old	2541	8.65	873	10.90
15 or 16 years old	2573	8.76	663	8.28
17 years old or older	440	1.50	140	1.75
Total	29364	100.00	8006	100.00

Note that there were missing values of Age when first drank more than few sips of alcohol for 5759 cases among OHYES! participants and 1535 cases 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 62: Age when first drank more than few sips of alcohol

Response	OHYES!		Appalachian	
	n	%	n	%
8 or younger	1058	12.07	412	14.22
9 or 10 years old	769	8.77	286	9.87
11 or 12 years old	1388	15.83	523	18.05
13 or 14 years old	2541	28.98	873	30.13
15 or 16 years old	2573	29.34	663	22.89
17 years old or older	440	5.02	140	4.83
Total	8769	100.00	2897	100.00

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

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

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

Response	OHYES!		Appalachian	
	n	%	n	%
No	25959	88.55	6921	86.57
Yes	3357	11.45	1074	13.43
Total	29316	100.00	7995	100.00

Note that there were missing values of Consumed alcohol on one or more occasions during the past 30 days for 5807 cases among OHYES! participants and 1546 cases 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 64: Consumed alcohol on one or more occasions during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	5364	61.51	1812	62.79
Yes	3357	38.49	1074	37.21
Total	8721	100.00	2886	100.00

Note that there were missing values of Consumed alcohol on one or more occasions during the past 30 days for 48 cases among OHYES! participants and 11 cases 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 65: Number of days consumed at least one drink of alcohol during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
1 or 2 days	1775	57.78	538	55.52
3 to 5 days	707	23.01	209	21.57
6 to 9 days	367	11.95	125	12.90
10 to 19 days	141	4.59	55	5.68
20 to 29 days	32	1.04	16	1.65
All 30 days	50	1.63	26	2.68
Total	3072	100.00	969	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 285 cases among OHYES! participants and 105 cases 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 66: 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	1479	45.80	425	41.63
1 or 2 days	1117	34.59	371	36.34
3 to 5 days	362	11.21	127	12.44
6 to 9 days	170	5.26	55	5.39
10 to 19 days	62	1.92	24	2.35
20 to 29 days	10	0.31	5	0.49
All 30 days	29	0.90	14	1.37
Total	3229	100.00	1021	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 128 cases among OHYES! participants and 53 cases among Appalachian participants.

The 2015-2019 survey included different response options and asked about 5 or more drinks for both males and females, so responses are not directly comparable with responses to the 2019-2020 survey.

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 67: How alcohol was obtained during the past 30 days

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Bought alcohol in a store	264	3189	8.28	40	1022	3.91
Bought alcohol at a public event	85	3189	2.67	29	1022	2.84
Gave someone else money to buy alcohol for me	811	3189	25.43	281	1022	27.50
Someone gave alcohol to me	1385	3189	43.43	470	1022	45.99
Took alcohol from a store or family member	500	3189	15.68	142	1022	13.89
Parent gave alcohol to me	768	3189	24.08	245	1022	23.97
Friend's parent gave alcohol to me	377	3189	11.82	154	1022	15.07
I got alcohol some other way	859	3189	26.94	303	1022	29.65

Note that there were missing values of How alcohol was obtained during the past 30 days for 168 cases among OHYES! participants and 52 cases among Appalachian participants.

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

Table 68: Time of day when usually drink

Response	OHYES!		Appalachian	
	n	%	n	%
Before school	32	1.00	10	0.97
During school	46	1.43	17	1.65
After school	112	3.49	39	3.78
Week nights	127	3.96	46	4.45
Weekends	2892	90.12	921	89.16
Total	3209	100.00	1033	100.00

Note that there were missing values of Time of day when usually drink for 148 cases among OHYES! participants and 41 cases among Appalachian participants.

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

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	3047	10.48	1146	14.30
Slight risk	6038	20.76	1930	24.08
Moderate risk	10798	37.13	2802	34.96
Great risk	9202	31.64	2137	26.66
Total	29085	100.00	8015	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 6038 cases among OHYES! participants and 1526 cases 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 70: Perception of parental disapproval for having one or two drinks of alcohol nearly every day

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1065	3.63	439	5.43
A little bit wrong	1664	5.67	641	7.93
Wrong	5112	17.43	1656	20.49
Very wrong	21482	73.26	5345	66.14
Total	29323	100.00	8081	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 5800 cases among OHYES! participants and 1460 cases 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 71: Perception of peer disapproval for having one or two drinks of alcohol nearly every day

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	2567	8.82	1120	13.91
A little bit wrong	4637	15.93	1585	19.68
Wrong	9082	31.20	2408	29.91
Very wrong	12820	44.05	2939	36.50
Total	29106	100.00	8052	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 6017 cases among OHYES! participants and 1489 cases among Appalachian participants.

How do you feel about someone your age having one or two drinks of an alcoholic beverage nearly every day?

Table 72: Perception of disapproval for someone same age having one or two drinks of alcohol nearly every day

Response	OHYES!		Appalachian	
	n	%	n	%
Neither approve nor disapprove	3686	12.72	1428	17.87
Somewhat disapprove	5479	18.90	1818	22.76
Strongly disapprove	19820	68.38	4743	59.37
Total	28985	100.00	7989	100.00

Note that there were missing values of Perception of disapproval for someone same age having one or two drinks of alcohol nearly every day for 6138 cases among OHYES! participants and 1552 cases among Appalachian participants.

2. Tobacco and Vapor Products

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

Table 73: Smoked all or part of a cigarette during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	29424	96.12	7862	93.87
Yes	1189	3.88	513	6.13
Total	30613	100.00	8375	100.00

Note that there were missing values of Smoked all or part of a cigarette during the past 30 days for 4510 cases among OHYES! participants and 1166 cases among Appalachian participants.

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

Table 74: Number of days smoked cigarettes during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
1 or 2 days	447	43.02	184	39.66
3 to 5 days	162	15.59	66	14.22
6 to 9 days	82	7.89	42	9.05
10 to 19 days	96	9.24	48	10.34
20 to 29 days	57	5.49	19	4.09
All 30 days	195	18.77	105	22.63
Total	1039	100.00	464	100.00

Note that there were missing values of Number of days smoked cigarettes during the past 30 days for 150 cases among OHYES! participants and 49 cases among Appalachian participants.

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

Table 75: How cigarettes were obtained during the past 30 days

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
I bought them in a store ...	182	1000	18.20	58	448	12.95
I got them on the Internet	48	1000	4.80	16	448	3.57
I bought them from a vending machine	38	1000	3.80	16	448	3.57
I gave someone else money to buy them for me	329	1000	32.90	145	448	32.37
I borrowed (or bummed) them from someone else	484	1000	48.40	219	448	48.88
A person 18 years or older gave them to me	300	1000	30.00	146	448	32.59
I took them from a store	39	1000	3.90	13	448	2.90
I took them from a family member	265	1000	26.50	137	448	30.58
I got them some other way	282	1000	28.20	133	448	29.69

Note that there were missing values of How cigarettes were obtained during the past 30 days for 189 cases among OHYES! participants and 65 cases 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 76: Number of days used chewing tobacco, snuff, or dip during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	29771	97.74	7952	95.45
1 or 2 days	262	0.86	124	1.49
3 to 5 days	100	0.33	61	0.73
6 to 9 days	64	0.21	29	0.35
10 to 19 days	57	0.19	35	0.42
20 to 29 days	35	0.11	22	0.26
All 30 days	170	0.56	108	1.30
Total	30459	100.00	8331	100.00

Note that there were missing values of Number of days used chewing tobacco, snuff, or dip during the past 30 days for 4664 cases among OHYES! participants and 1210 cases among Appalachian participants.

The 2015-2019 survey define 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 2019-2020 survey.

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

Table 77: Number of days smoked cigars, cigarillos, or little cigars during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	29693	97.69	8004	96.24
1 or 2 days	353	1.16	152	1.83
3 to 5 days	104	0.34	43	0.52
6 to 9 days	71	0.23	38	0.46
10 to 19 days	48	0.16	19	0.23
20 to 29 days	33	0.11	17	0.20
All 30 days	94	0.31	44	0.53
Total	30396	100.00	8317	100.00

Note that there were missing values of Number of days smoked cigars, cigarillos, or little cigars during the past 30 days for 4727 cases among OHYES! participants and 1224 cases among Appalachian participants.

Have you ever used an electronic vapor product?

Table 78: Ever used an electronic vapor product

Response	OHYES!		Appalachian	
	n	%	n	%
No	23687	77.83	5889	70.69
Yes	6749	22.17	2442	29.31
Total	30436	100.00	8331	100.00

Note that there were missing values of Ever used an electronic vapor product for 4687 cases among OHYES! participants and 1210 cases among Appalachian participants.

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

Table 79: Number of days used an electronic vapor product during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	26568	87.43	6821	81.98
1 or 2 days	1520	5.00	572	6.88
3 to 5 days	566	1.86	232	2.79
6 to 9 days	347	1.14	139	1.67
10 to 19 days	412	1.36	158	1.90
20 to 29 days	276	0.91	109	1.31
All 30 days	699	2.30	289	3.47
Total	30388	100.00	8320	100.00

Note that there were missing values of Number of days used an electronic vapor product during the past 30 days for 4735 cases among OHYES! participants and 1221 cases 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 80: Number of days used an electronic vapor product during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
0 days	2881	42.99	932	38.34
1 or 2 days	1520	22.68	572	23.53
3 to 5 days	566	8.45	232	9.54
6 to 9 days	347	5.18	139	5.72
10 to 19 days	412	6.15	158	6.50
20 to 29 days	276	4.12	109	4.48
All 30 days	699	10.43	289	11.89
Total	6701	100.00	2431	100.00

Note that there were missing values of Number of days used an electronic vapor product during the past 30 days for 48 cases among OHYES! participants and 11 cases among Appalachian participants.

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

Table 81: How vapor products were obtained during the past 30 days

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
I bought them in a store ...	632	5559	11.37	192	2116	9.07
I got them on the Internet	268	5559	4.82	90	2116	4.25
I gave someone else money to buy them for me	1253	5559	22.54	494	2116	23.35
I borrowed them from someone else	3303	5559	59.42	1191	2116	56.29
A person who can legally buy ... them ...	1034	5559	18.60	402	2116	19.00
I took them from a store or another person	167	5559	3.00	57	2116	2.69
I got them some other way	1285	5559	23.12	546	2116	25.80

Note that there were missing values of how vapor products were obtained during the past 30 days for 1190 cases among OHYES! participants and 326 cases 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 82: Reasons for using vapor products

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
Family member used them	1021	6143	16.62	409	2262	18.08
Friend used them	3084	6143	50.20	1058	2262	46.77
I vape because I am bored	1740	6143	28.32	659	2262	29.13
I vape because my friends pressure me to	649	6143	10.56	241	2262	10.65
To try to quit using other tobacco products	399	6143	6.50	194	2262	8.58
They cost less than other tobacco products	272	6143	4.43	125	2262	5.53
They are easier to get than other tobacco products	397	6143	6.46	150	2262	6.63
They are less harmful than other forms of tobacco	816	6143	13.28	329	2262	14.54
They are available in flavors, such as mint, ...	1260	6143	20.51	546	2262	24.14
I used them for some other reason	1977	6143	32.18	695	2262	30.73

Note that there were missing values of Reasons for using vapor products for 606 cases among OHYES! participants and 180 cases 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 83: Perceived risk of smoking one or more packs of cigarettes per day

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	2581	8.94	932	11.72
Slight risk	3338	11.56	1062	13.36
Moderate risk	6389	22.12	1836	23.09
Great risk	16576	57.39	4121	51.83
Total	28884	100.00	7951	100.00

Note that there were missing values of Perceived risk of smoking one or more packs of cigarettes per day for 6239 cases among OHYES! participants and 1590 cases among Appalachian participants.

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

Table 84: Perceived risk of daily use of electronic vapor products

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	3222	11.17	1199	15.08
Slight risk	6308	21.87	1988	25.00
Moderate risk	8709	30.20	2243	28.21
Great risk	10603	36.76	2521	31.71
Total	28842	100.00	7951	100.00

Note that there were missing values of Perceived risk of daily use of electronic vapor products for 6281 cases among OHYES! participants and 1590 cases among Appalachian participants.

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

Table 85: Perception of parental disapproval for smoking tobacco

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	734	2.50	312	3.86
A little bit wrong	825	2.81	328	4.06
Wrong	3623	12.35	1198	14.82
Very wrong	24148	82.33	6248	77.27
Total	29330	100.00	8086	100.00

Note that there were missing values of Perception of parental disapproval for smoking tobacco for 5793 cases among OHYES! participants and 1455 cases among Appalachian participants.

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

Table 86: Perception of parental disapproval for electronic vapor products

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	928	3.17	405	5.02
A little bit wrong	1741	5.95	704	8.72
Wrong	5080	17.35	1624	20.12
Very wrong	21532	73.54	5340	66.15
Total	29281	100.00	8073	100.00

Note that there were missing values of Perception of parental disapproval for electronic vapor products for 5842 cases among OHYES! participants and 1468 cases among Appalachian participants.

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

Table 87: Perception of peer disapproval for smoking tobacco

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	2339	8.04	1032	12.84
A little bit wrong	3277	11.27	1179	14.66
Wrong	8022	27.59	2351	29.24
Very wrong	15441	53.10	3478	43.26
Total	29079	100.00	8040	100.00

Note that there were missing values of Perception of peer disapproval for smoking tobacco for 6044 cases among OHYES! participants and 1501 cases among Appalachian participants.

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

Table 88: Perception of peer disapproval for electronic vapor products

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	5118	17.62	2005	24.94
A little bit wrong	5351	18.42	1576	19.60
Wrong	7024	24.18	1839	22.88
Very wrong	11559	39.79	2619	32.58
Total	29052	100.00	8039	100.00

Note that there were missing values of Perception of peer disapproval for electronic vapor products for 6071 cases among OHYES! participants and 1502 cases among Appalachian participants.

3. Prescription Drugs

During your life, how many times have you taken any other prescription drug that was not a prescription pain medicine without a doctor’s prescription or differently than how a doctor told you to use it?

Table 89: Number of times taken a non-pain prescription drug without a doctor’s prescription during lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	28054	93.48	7624	92.54
1 or 2 times	1108	3.69	339	4.11
3 to 9 times	432	1.44	136	1.65
10 to 19 times	151	0.50	55	0.67
20 to 39 times	70	0.23	23	0.28
40 or more times	197	0.66	62	0.75
Total	30012	100.00	8239	100.00

Note that there were missing values of Number of times taken a non-pain prescription drug without a doctor’s prescription during lifetime for 5111 cases among OHYES! participants and 1302 cases 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 90: Number of times taken a prescription pain medication without a doctor’s prescription during lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	27813	92.85	7502	91.29
1 or 2 times	1301	4.34	409	4.98
3 to 9 times	439	1.47	155	1.89
10 to 19 times	166	0.55	68	0.83
20 to 39 times	88	0.29	28	0.34
40 or more times	147	0.49	56	0.68
Total	29954	100.00	8218	100.00

Note that there were missing values of Number of times taken a prescription pain medication without a doctor’s prescription during lifetime for 5169 cases among OHYES! participants and 1323 cases 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 91: Used prescription pain medicine without a doctor’s prescription during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	29362	98.10	8015	97.57
Yes	568	1.90	200	2.43
Total	29930	100.00	8215	100.00

Note that there were missing values of Used prescription pain medicine without a doctor’s prescription during the past 30 days for 5193 cases among OHYES! participants and 1326 cases among Appalachian participants.

Among those who have taken 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 92: Used prescription pain medicine without a doctor’s prescription during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	1549	73.17	513	71.95
Yes	568	26.83	200	28.05
Total	2117	100.00	713	100.00

Note that there were missing values of Used prescription pain medicine without a doctor’s prescription during the past 30 days for 24 cases among OHYES! participants and 3 cases among Appalachian participants.

Lifetime Prescription Drug Misuse/Abuse – Calculated

Table 93: Lifetime Prescription Drug Misuse/Abuse – Calculated

Response	OHYES!		Appalachian	
	n	%	n	%
No	26587	89.01	7153	87.20
Yes	3281	10.99	1050	12.80
Total	29868	100.00	8203	100.00

Note that there were missing values of Lifetime Prescription Drug Misuse/Abuse – Calculated for 5255 cases among OHYES! participants and 1338 cases among Appalachian participants.

These numbers were calculated by combining responses from two items inquiring about lifetime use of either (a) non-pain or (b) pain prescription medications without a prescription.

30-day Prescription Drug Misuse/Abuse – Calculated

Table 94: 30-day Prescription Drug Misuse/Abuse – Calculated

Response	OHYES!		Appalachian	
	n	%	n	%
No	29010	97.32	7892	96.38
Yes	798	2.68	296	3.62
Total	29808	100.00	8188	100.00

Note that there were missing values of 30-day Prescription Drug Misuse/Abuse – Calculated for 5315 cases among OHYES! participants and 1353 cases among Appalachian participants.

These numbers were calculated by combining responses from two items inquiring about 30-day use of either (a) any or (b) pain prescription medications without a prescription. Unfortunately, due to a typographical error, past 30 day use of any medication without a prescription was only asked of those using non-pain medicines without a prescription in their lifetime. Nonetheless, these combined responses (i.e., yes to either item) should still represent a credible estimate of use of any medications without a prescription in the past 30 days.

Among those who have taken a prescription drug without a doctor’s prescription: 30-day prescription drug misuse/abuse – Calculated

Table 95: Among those who have taken a prescription drug without a doctor’s prescription: 30-day prescription drug misuse/abuse – Calculated

Response	OHYES!		Appalachian	
	n	%	n	%
No	2423	75.23	739	71.40
Yes	798	24.77	296	28.60
Total	3221	100.00	1035	100.00

Note that there were missing values of Among those who have taken a prescription drug without a doctor’s prescription: 30-day prescription drug misuse/abuse – Calculated for 60 cases among OHYES! participants and 15 cases among Appalachian participants.

These numbers were calculated by combining responses from two items inquiring about 30-day use of either (a) any or (b) pain prescription medications without a prescription. Unfortunately, due to a typographical error, past 30 day use of any medication without a prescription was only asked of those using non-pain medicines without a prescription in their lifetime. Nonetheless, these combined responses (i.e., yes to either item) should still represent a credible estimate of use of any medications without a prescription in the past 30 days.

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 96: Perceived risk of prescription drug misuse/abuse

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	1963	6.74	712	8.86
Slight risk	2736	9.40	794	9.88
Moderate risk	7700	26.45	2046	25.45
Great risk	16716	57.41	4488	55.82
Total	29115	100.00	8040	100.00

Note that there were missing values of Perceived risk of prescription drug misuse/abuse for 6008 cases among OHYES! participants and 1501 cases among Appalachian participants.

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

Table 97: Perception of parental disapproval for prescription drug misuse/abuse

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	672	2.30	269	3.34
A little bit wrong	853	2.92	283	3.51
Wrong	3517	12.03	963	11.94
Very wrong	24203	82.76	6550	81.22
Total	29245	100.00	8065	100.00

Note that there were missing values of Perception of parental disapproval for prescription drug misuse/abuse for 5878 cases among OHYES! participants and 1476 cases among Appalachian participants.

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

Table 98: Perception of peer disapproval for prescription drug misuse/abuse

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1438	4.96	571	7.13
A little bit wrong	2259	7.80	666	8.31
Wrong	7138	24.64	2012	25.11
Very wrong	18138	62.60	4765	59.46
Total	28973	100.00	8014	100.00

Note that there were missing values of Perception of peer disapproval for prescription drug misuse/abuse for 6150 cases among OHYES! participants and 1527 cases 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 99: Number of times taken over the counter medication to get high during lifetime

Response	OHYES!		Appalachian	
	n	%	n	%
0 times	27219	92.27	7324	90.49
1 or 2 times	719	2.44	251	3.10
3 to 9 times	504	1.71	166	2.05
10 to 19 times	354	1.20	121	1.49
20 to 39 times	220	0.75	64	0.79
40 or more times	482	1.63	168	2.08
Total	29498	100.00	8094	100.00

Note that there were missing values of Number of times taken over the counter medication to get high during lifetime for 5625 cases among OHYES! participants and 1447 cases among Appalachian participants.

5. Marijuana

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

Table 100: Age when first tried marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
I have never tried marijuana	26126	86.68	7018	85.07
8 years old or younger	155	0.51	68	0.82
9 or 10 years old	174	0.58	87	1.05
11 or 12 years old	608	2.02	239	2.90
13 or 14 years old	1352	4.49	411	4.98
15 or 16 years old	1492	4.95	365	4.42
17 years old or older	234	0.78	62	0.75
Total	30141	100.00	8250	100.00

Note that there were missing values of Age when first tried marijuana for 4982 cases among OHYES! participants and 1291 cases among Appalachian participants.

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

Table 101: Age when first tried marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
8 years old or younger	155	3.86	68	5.52
9 or 10 years old	174	4.33	87	7.06
11 or 12 years old	608	15.14	239	19.40
13 or 14 years old	1352	33.67	411	33.36
15 or 16 years old	1492	37.16	365	29.63
17 years old or older	234	5.83	62	5.03
Total	4015	100.00	1232	100.00

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

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

Table 102: Used marijuana or hashish during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
I have never tried marijuana	26126	86.77	7018	85.16
Yes	1759	5.84	476	5.78
No	2223	7.38	747	9.06
Total	30108	100.00	8241	100.00

Note that there were missing values of Used marijuana or hashish during the past 30 days for 5015 cases among OHYES! participants and 1300 cases among Appalachian participants.

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

Table 103: Used marijuana or hashish during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
No	2223	55.83	747	61.08
Yes	1759	44.17	476	38.92
Total	3982	100.00	1223	100.00

Note that there were missing values of Used marijuana or hashish during the past 30 days for 33 cases among OHYES! participants and 9 cases 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 104: Number of times used marijuana during the past 30 days

Response	OHYES!		Appalachian	
	n	%	n	%
1 or 2 times	577	33.98	142	31.42
3 to 9 times	421	24.79	116	25.66
10 to 19 times	229	13.49	57	12.61
20 to 39 times	169	9.95	45	9.96
40 or more times	302	17.79	92	20.35
Total	1698	100.00	452	100.00

Note that there were missing values of Number of times used marijuana during the past 30 days for 61 cases among OHYES! participants and 24 cases 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 105: Usual method of using marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
I smoked it in a joint, bong, pipe, or blunt	1215	70.03	367	77.75
I ate it in food such as brownies, cakes, cookies, or candy	78	4.50	22	4.66
I drank it in tea, cola, alcohol, or other drinks	7	0.40	4	0.85
I vaporized it	378	21.79	61	12.92
I used it some other way	57	3.29	18	3.81
Total	1735	100.00	472	100.00

Note that there were missing values of Usual method of using marijuana for 24 cases among OHYES! participants and 4 cases among Appalachian participants.

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

Table 106: Time of day when usually use marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
Before school	65	3.79	25	5.40
During school	50	2.91	13	2.81
After school	328	19.10	86	18.57
Week nights	218	12.70	59	12.74
Weekends	1056	61.50	280	60.48
Total	1717	100.00	463	100.00

Note that there were missing values of Time of day when usually use marijuana for 42 cases among OHYES! participants and 13 cases among Appalachian participants.

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

Table 107: Perceived risk of smoking marijuana once or twice per week

Response	OHYES!		Appalachian	
	n	%	n	%
No risk	5540	19.01	1882	23.39
Slight risk	6915	23.73	1889	23.47
Moderate risk	7738	26.55	1954	24.28
Great risk	8950	30.71	2322	28.86
Total	29143	100.00	8047	100.00

Note that there were missing values of Perceived risk of smoking marijuana once or twice per week for 5980 cases among OHYES! participants and 1494 cases among Appalachian participants.

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

Table 108: Perception of parental disapproval for smoking marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	1201	4.10	453	5.61
A little bit wrong	1826	6.24	561	6.94
Wrong	3430	11.71	973	12.04
Very wrong	22825	77.95	6092	75.41
Total	29282	100.00	8079	100.00

Note that there were missing values of Perception of parental disapproval for smoking marijuana for 5841 cases among OHYES! participants and 1462 cases among Appalachian participants.

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

Table 109: Perception of peer disapproval for smoking marijuana

Response	OHYES!		Appalachian	
	n	%	n	%
Not at all wrong	4436	15.28	1426	17.76
A little bit wrong	3881	13.37	1138	14.17
Wrong	6180	21.29	1830	22.79
Very wrong	14532	50.06	3636	45.28
Total	29029	100.00	8030	100.00

Note that there were missing values of Perception of peer disapproval for smoking marijuana for 6094 cases among OHYES! participants and 1511 cases among Appalachian participants.

How do you feel about someone your age trying marijuana or hashish once or twice?

Table 110: Level of disapproval for someone same age trying marijuana or hashish once or twice

Response	OHYES!		Appalachian	
	n	%	n	%
Neither approve nor disapprove	7463	25.69	2147	26.79
Somewhat disapprove	5619	19.35	1519	18.95
Strongly disapprove	15964	54.96	4349	54.26
Total	29046	100.00	8015	100.00

Note that there were missing values of Level of disapproval for someone same age trying marijuana or hashish once or twice for 6077 cases among OHYES! participants and 1526 cases among Appalachian participants.

How do you feel about someone your age using marijuana once a month or more?

Table 111: Level of disapproval for someone same age using marijuana once a month or more

Response	OHYES!		Appalachian	
	n	%	n	%
Neither approve nor disapprove	7440	25.72	2164	27.09
Somewhat disapprove	5692	19.68	1556	19.48
Strongly disapprove	15798	54.61	4267	53.42
Total	28930	100.00	7987	100.00

Note that there were missing values of Level of disapproval for someone same age using marijuana once a month or more for 6193 cases among OHYES! participants and 1554 cases 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 (%)
did not use illicit drugs in past year	28217	29055	97.12	7591	7902	96.06
cocaine (powder, crack or freebase)	183	29055	0.63	58	7902	0.73
inhalants, sniffed glue, breathed aerosols paints or sprays to get high	322	29055	1.11	123	7902	1.56
heroin	81	29055	0.28	28	7902	0.35
methamphetamines	96	29055	0.33	38	7902	0.48
ecstasy	154	29055	0.53	48	7902	0.61
hallucinogenic drugs	287	29055	0.99	86	7902	1.09
steroid pills or shots without a prescription	83	29055	0.29	44	7902	0.56
synthetic marijuana	291	29055	1.00	122	7902	1.54

Note that there were missing values of Illicit drugs used during the past year for 6068 cases among OHYES! participants and 1639 cases 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 113: Illegal drug solicitation during the past year

	OHYES!			Appalachian		
	Yes	Responses	Yes (%)	Yes	Responses	Yes (%)
On school property	1414	28908	4.89	363	7948	4.57
On the school bus	441	28908	1.53	146	7948	1.84
At a friend's house	1431	28908	4.95	371	7948	4.67
In my neighborhood	1150	28908	3.98	330	7948	4.15
At none of these locations	26046	28908	90.10	7165	7948	90.15

Note that there were missing values of Illegal drug solicitation during the past year for 6215 cases among OHYES! participants and 1593 cases among Appalachian participants.

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 114: Frequency gambled money or personal items during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
I did not gamble money or personal items	24210	85.78	6605	84.77
Less than once a month	2330	8.26	593	7.61
About once a month	914	3.24	280	3.59
About once a week	463	1.64	183	2.35
Daily	305	1.08	131	1.68
Total	28222	100.00	7792	100.00

Note that there were missing values of Frequency gambled money or personal items during the past year for 6901 cases among OHYES! participants and 1749 cases among Appalachian participants.

Examples of gambling differed between the 2015-2019 and 2019-2020 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 115: Frequency gambled money or personal items during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
Less than once a month	2330	58.08	593	49.96
About once a month	914	22.78	280	23.59
About once a week	463	11.54	183	15.42
Daily	305	7.60	131	11.04
Total	4012	100.00	1187	100.00

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

Examples of gambling differed between the 2015-2019 and 2019-2020 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 116: Gambled more than planned during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	3148	79.06	871	73.94
Yes	834	20.94	307	26.06
Total	3982	100.00	1178	100.00

Note that there were missing values of Gambled more than planned during the past year for 30 cases among OHYES! participants and 9 cases 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 117: Felt bad about the amount bet or about what happens when betting during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	3141	79.80	914	78.19
Yes	795	20.20	255	21.81
Total	3936	100.00	1169	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 76 cases among OHYES! participants and 18 cases 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 118: Hidden from family or friends signs of gambling during the past year

Response	OHYES!		Appalachian	
	n	%	n	%
No	3638	92.57	1035	89.22
Yes	292	7.43	125	10.78
Total	3930	100.00	1160	100.00

Note that there were missing values of Hidden from family or friends signs of gambling during the past year for 82 cases among OHYES! participants and 27 cases among Appalachian participants.

Among those who have gambled in the past 12 months: Have you ever not been honest with people important to you about how much you gamble?

Table 119: Ever not been honest with important people about gambling

Response	OHYES!		Appalachian	
	n	%	n	%
No	3049	78.02	868	74.96
Yes	859	21.98	290	25.04
Total	3908	100.00	1158	100.00

Note that there were missing values of Ever not been honest with important people about gambling for 104 cases among OHYES! participants and 29 cases among Appalachian participants.

“Not been honest with” was worded as “lied to” in the 2015-2019 survey.

G. Sexual Health

1. Sexual Behavior

Have you ever had sexual intercourse?

Table 120: Ever had sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No	7897	84.10	966	70.77
Yes	1493	15.90	399	29.23
Total	9390	100.00	1365	100.00

Note that there were missing values of Ever had sexual intercourse for 25733 cases among OHYES! participants and 8176 cases 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 121: Method of pregnancy prevention during last sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No method was used to prevent pregnancy	143	9.83	49	12.63
Birth control pills	343	23.59	101	26.03
Condoms	636	43.74	156	40.21
An IUD or implant	70	4.81	11	2.84
A shot, patch, or birth control ring	44	3.03	18	4.64
Withdrawal	98	6.74	28	7.22
Not sure	40	2.75	12	3.09
Not applicable	80	5.50	13	3.35
Total	1454	100.00	388	100.00

Note that there were missing values of Method of pregnancy prevention during last sexual intercourse for 39 cases among OHYES! participants and 11 cases among Appalachian participants.

This item only appears on the optional version of the survey instrument. The 2019-2020 survey 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 2019-2020 survey.

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

Table 122: Used a condom during last sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No	547	37.26	172	43.43
Yes	921	62.74	224	56.57
Total	1468	100.00	396	100.00

Note that there were missing values of Used a condom during last sexual intercourse for 25 cases among OHYES! participants and 3 cases 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 123: Number of sexual intercourse partners during the past 3 months

Response	OHYES!		Appalachian	
	n	%	n	%
None during the past three months	371	25.10	87	21.86
1 person	811	54.87	229	57.54
2 people	154	10.42	36	9.05
3 people	58	3.92	17	4.27
4 people	25	1.69	8	2.01
5 people	8	0.54	2	0.50
6 or more people	51	3.45	19	4.77
Total	1478	100.00	398	100.00

Note that there were missing values of Number of sexual intercourse partners during the past 3 months for 15 cases among OHYES! participants and 1 cases 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 124: Drank alcohol or used drugs before last sexual intercourse

Response	OHYES!		Appalachian	
	n	%	n	%
No	1286	87.13	350	87.94
Yes	190	12.87	48	12.06
Total	1476	100.00	398	100.00

Note that there were missing values of Drank alcohol or used drugs before last sexual intercourse for 17 cases among OHYES! participants and 1 cases among Appalachian participants.

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