

Highland County Community Health Report

Summary of Findings
April 2016



*Study commissioned by the
Highland County Community Action Organization*



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

*Data collection and analysis from
The Ohio State University*

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Highland County Community Health Report

Executive Summary

Project Overview

Health organizations and community leaders have been working together to regularly assess the health needs within communities for many years. The need for collaboration to gain knowledge is greater today than ever before.

Hospitals, health departments, educational entities, and other community health organizations are charged with assessing and evaluating health and wellness needs - as well as health service gaps - within their communities. That data can be used to inform critical decision-making about priorities, funding, and programs.

In 2015, the Highland County Community Action Organization (HCCAO) worked with Ohio State University (OSU) researchers to conduct a comprehensive community health needs assessment in Highland County. Together the Highland County Health Collaborative and OSU researchers developed questionnaires to survey residents and health professionals about their practices, perceptions, and concerns related to health, wellness, and health care in the county.



Objectives

- 1) Build partnerships among health care providers, community organizations, and social service agencies to identify and address the health care needs and service gaps in Highland County
- 2) Through a public survey, identify the health status, behaviors, perceptions, and experiences of Highland County residents
- 3) Through a survey, identify the perceptions and experiences of Highland County health professionals about the general health status of Highland County residents and the specific health care concerns of their patients/clients
- 4) Present a snapshot of how the surveyed Highland County health indicators compare to regional and state data
- 5) Provide a report of research-based information to enable Highland County health professionals and community leaders determine health care needs and priorities

Activities and Collaboration

In 2015, the HCCAO received funding from the Ohio Department of Health to conduct a comprehensive health assessment in Highland County. HCCAO commissioned OSU researchers to work with the Highland County Health Collaborative, a group of community-based organizations, to draft and launch a survey of the county's general population. This questionnaire, the **2015 Highland County Community Health Survey (HCCHS)**, asked participants to respond to questions about health-related practices and perceptions, as well as lifestyle behaviors, current health status, and medical diagnoses within their families. Launched in May 2015, web-based survey was **completed by 433 Highland County residents**.

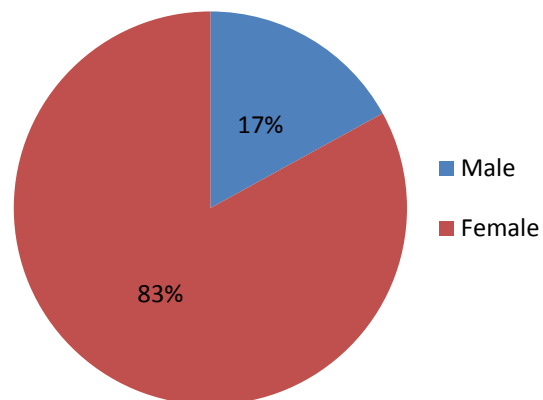
The Highland County Collaborative also surveyed health professionals working in Highland County using a web-based survey, **2015 Highland County Health Professionals Survey (HCHPS)**. The questionnaire directed health professionals to respond to questions related to their perceptions about the health and behaviors of the general county population as well as questions about the health concerns of their client/patients. Launched in May 2015, the web-based survey was completed by **114 Highland County health professionals**.

The data collected, compared, and analyzed for this study will help inform community leaders about the health care needs and service gaps that may exist in Highland County. The information gleaned from this report can be used to identify health care priorities, to set goals and establish plans of action, to develop health and wellness initiatives, to build collaboration among organizations and businesses, and as support documentation to secure external funding to address the critical health and wellness needs of the residents in the county. Results of the surveys and additional analysis will be shared with community leaders and health professionals in Highland County.

Data Analysis

In addition to the data collected through the two surveys, this report includes other sources of qualitative and quantitative data, including information from the U.S. Census, the 2016 County Health Rankings, the U.S. Centers for Disease Control and Prevention, the Ohio Department of Health, the Appalachian Data Portal Health Landscape, and other data and statistical sources. See the Resources section of this report for a complete list of resources. This report utilizes the two surveys, HCHPS and HCCHS, as well as a variety of other existing data sources, to illustrate trends and to compare

HCCHS Respondents, by Gender

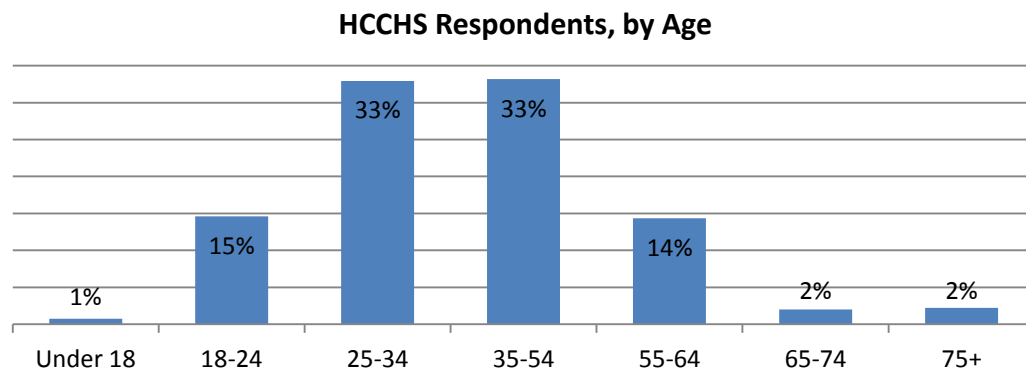


analyses between information representing the State of Ohio statistics, Highland County, and the seven counties bordering Highland County. This report also serves to provide a broader perspective of how Highland County statistics and collected data compare to regional and state data.

Questionnaire and Sampling Design

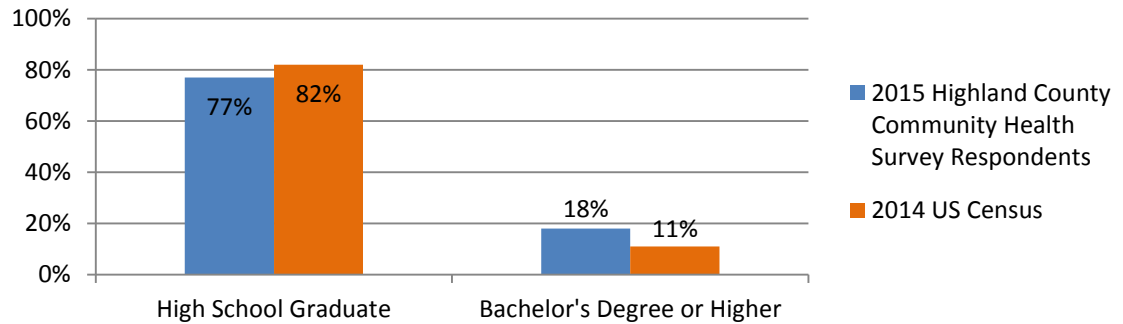
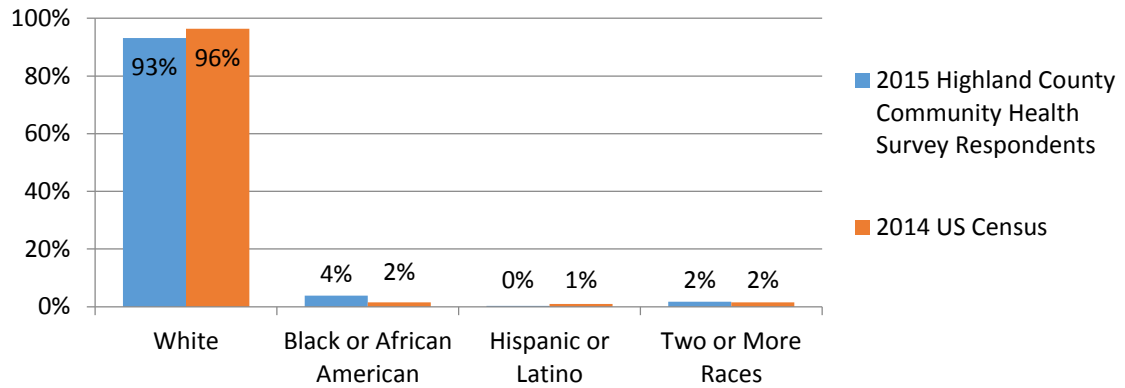
The Highland County Health Collaborative and OSU researchers designed two web-based surveys to gather a sampling of health-related information. The 2015 Highland County Community Health Survey (HCCHS) was directed to the residents of Highland County, and asked respondents to share their perceptions, attitudes, behaviors, and experiences related to health care, health practices, health issues, diagnosed diseases, and lifestyle choices. Some respondents completed a written survey that was identical to the web-based instrument. The general public was directed to the HCCHS through notices placed in physician's offices, in WIC and health department offices, through communication with Head Start parents, in social media posts, in announcements at a local community college, through notices posted at local libraries, and through newsletter stories and notices distributed by local groups and organizations.

The following chart shows the age distribution of the 2015 Highland County Community Health Survey respondents.



Several sets of secondary research (U.S. Census, Vital Statistics, Ohio Department of Jobs and Family Services, and other data) were compared to the information collected in the HCCHS. These quantitative and qualitative measures provide comparisons for trending and data analysis to allow for a more complete picture of how the survey sample compares to statistics collected from regional and state sources. For a full list of data references, see the Resources section of this report on page 65.

The following charts compare the characteristics of the 2015 Highland County Community Health Survey sample to 2014 U.S. Census data for Highland County, representing the degree of similarity among specific demographic characteristics.



Community Characteristics

A rural county situated in southwestern Ohio, Highland County is one of the state's 32 counties located within the designated Appalachian Region. In general, the Appalachian Region's economy, once characterized by its dependence on heavy industry, agriculture, and mining, is gradually diversifying, with a greater focus on service industries, retailing, government, and tourism (Ohio Department of Jobs and Family Services, 2013).

The county's only city, Hillsboro, population 6,550 (U.S. Census, 2014), serves as the county seat. Villages within the county include Greenfield, Highland, Leesburg, Lynchburg, Mowrystown, and Sinking Spring.

Ohio's Appalachian Region

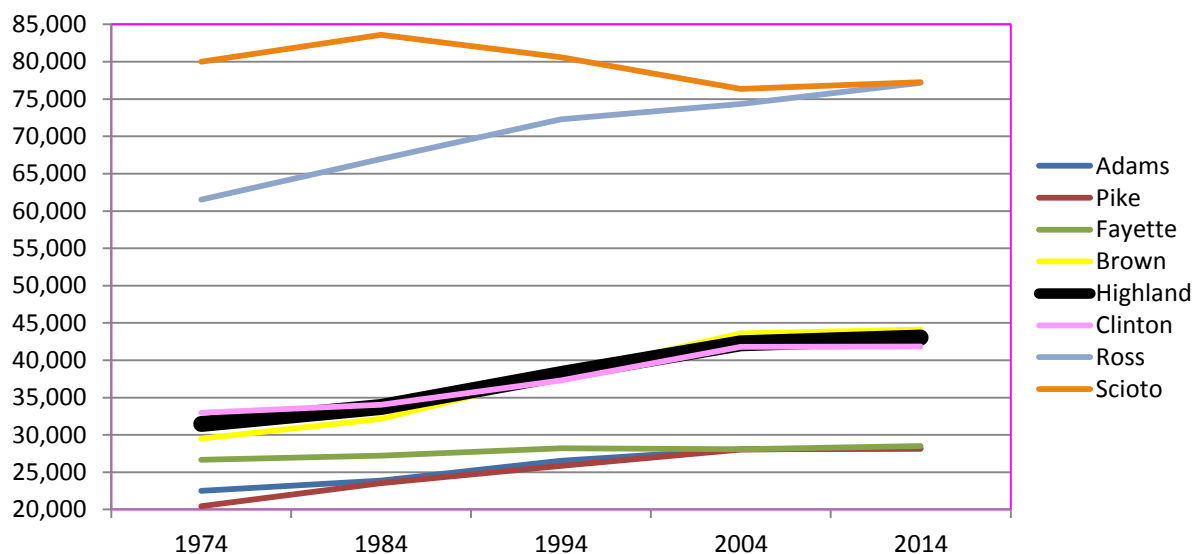


Highland County Population				
1974	1984	1994	2004	2014
31,465	33,722	38,136	42,260	43,045

Source: U.S. Census, 2014

According to 2014 U.S. Census data, the population in Highland County is 43,045. The county is bordered by seven rural counties of similar size, including Adams, Brown, Clinton, Fayette, Pike, Ross, and Scioto. In the last 40 years, Highland County has experienced a population growth of nearly 37 percent.

Population for Highland and Contiguous Counties: 1974-2014



Source: U.S. Census, 2014

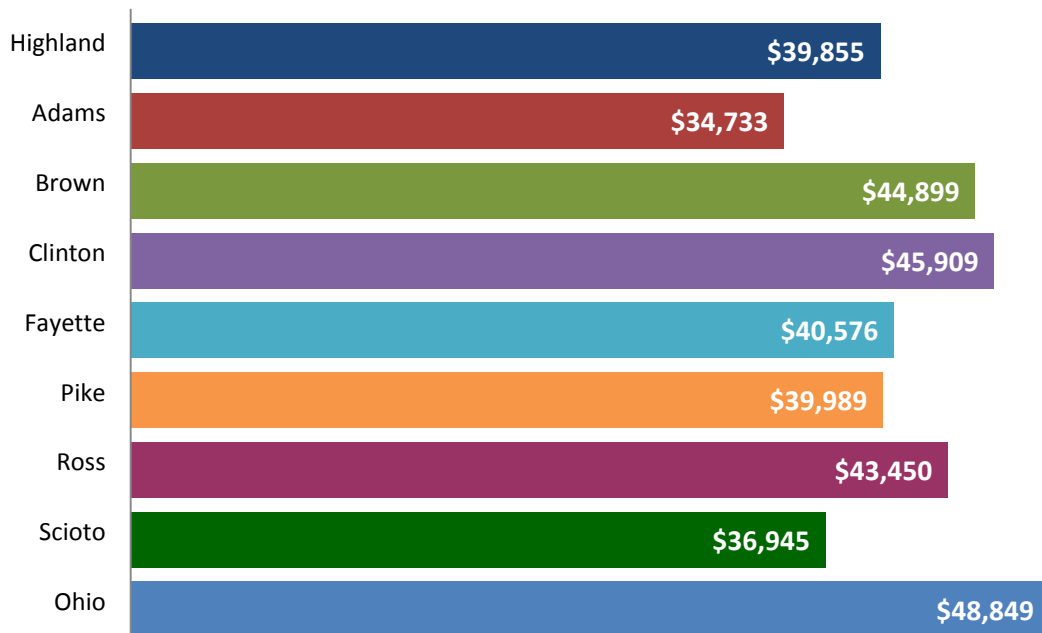
Economic Data

According to the Ohio Department of Jobs and Family Services, per capita income of a region provides a good barometer of its economic health. Over the last decade, per capita income fluctuations in Ohio have been highly correlated with employment growth or decline.

	Highland County	Ohio	U.S.
Per Capita Income 2011	\$27,630	\$37,836	\$41,560
Per Capita Income 2000	\$20,580	\$28,206	\$29,845

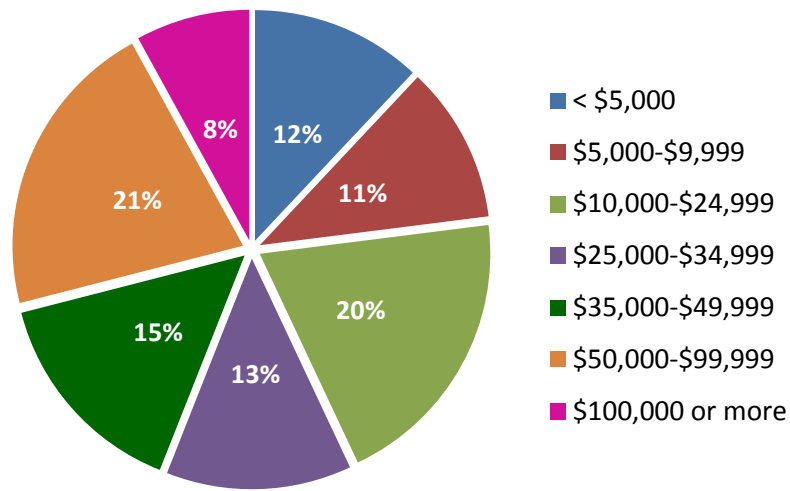
Source: Ohio Department of Jobs and Family Services, 2013

Median Household Income: Highland and Contiguous Counties



Source: U.S. Census, 2013

Household Income Distribution As reported HCCHS respondents



Ohio Works First (OWF) is the financial-assistance portion of the state's Temporary Assistance to Needy Families (TANF) program, which provides cash benefits to needy families for up to 36 months. Supplemental Nutrition Assistance Program (SNAP) is designed to raise nutritional levels, to expand buying power, and to safeguard the health and well-being of individuals and families whose gross monthly income is within 130 percent of the federal poverty guideline. Ohio's Disability Financial Assistance Program provides a monthly cash benefit to eligible low-income individuals with disabilities who do not meet all the requirements necessary to receive help from other federal and state programs, such as Supplemental Security Income and OWF.

			OWF Combined		Disability Financial Assistance		SNAP	
	Total Population	Percent Families Below Poverty Line	Recipients	Recipients as % Total Population	Recipients	Recipients as % Total Population	Recipients	Recipients as % Total Population
Highland County	42,998	9.00%	370	0.86%	58	0.13%	7,339	17.07%
Ohio	11,544,225	7.80%	109,551	0.95%	6,757	0.06%	1,643,068	14.23%

Source: Ohio Department of Job and Family Services, December 2015

In February 2016, the four Ohio counties with the lowest unemployment rate were: Delaware, 3.8 percent; Holmes and Mercer, 3.9 percent; and Auglaize, 4 percent. The four counties with the highest percentage rates for unemployment were: Monroe, 12.9 percent; Noble, 11 percent; Morgan 10.8 percent; and Meigs, 10.2 percent. **Highland County ranked 23rd among Ohio's 88 counties with an unemployment rate of 7.5 percent.** (Source: Ohio Department of Jobs and Family Services, March 2016.)

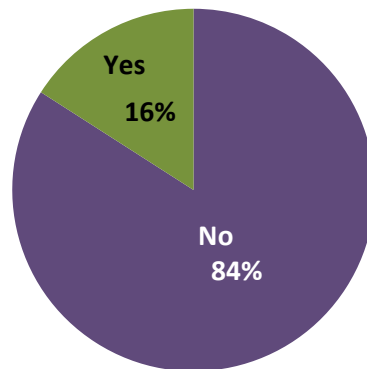
According to the Ohio Development Services Agency's February 2016 Ohio Poverty Report:

- 1,786,000 people in Ohio were poor – that's about 15.8 percent, which translates to about 340,000 families or 11.6 percent
- In Appalachia Ohio, the poverty rate averaged 15.5 percent
- Four percent of adults in Ohio with at least a bachelor's degree were poor, while 29.8 percent of those who did not graduate from high school were poor
- 80 of Ohio's 88 counties and the vast majority of its larger cities had significantly higher poverty rates during 2010-2014 than they had in 1999
- **The poverty rate in Highland County between 2010-2014 was 20.3 percent, which translates to 8,665 individuals**
- Fewer than 9 percent of individuals in Ohio over the age of 65 were poor, however as many as 63.5 percent of them would have been poor without social security and pension incomes
- 6.6 percent of married couple families with children were poor, compared to 45.4 percent of those headed by a female single-parent

Lifestyle Behaviors and Characteristics

Weight and Exercise

HCCHS: Do you weight more than 250 pounds?



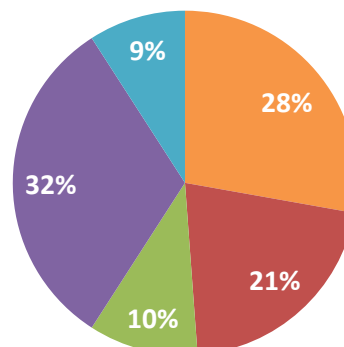
According to the Center for Disease Control's *State Indicator Report on Physical Activity, 2014*, more than 25% of Ohio's adults and high school students meet the aerobic and muscle-strengthening physical activity guidelines. The chart below compares Ohio's activity level indicators with national averages (in percentages).

	No activity	150 minutes per week	300 minutes per week	Muscle strengthening 2+ days/week	Both 150 min. aerobics and muscle strengthening	Usually biked or walked to work
Ohio	27	51.6	32.9	30.4	21.4	2.6
U.S.	25.4	51.6	31.8	29.3	20.6	3.4

Source: Centers for Disease Control, 2013

HCCHS: Frequency of exercise (all respondents)

- 1-2 times a week
- 3-4 times a week
- 5-7 times a week
- Every once in a while
- Never



Quality of Life

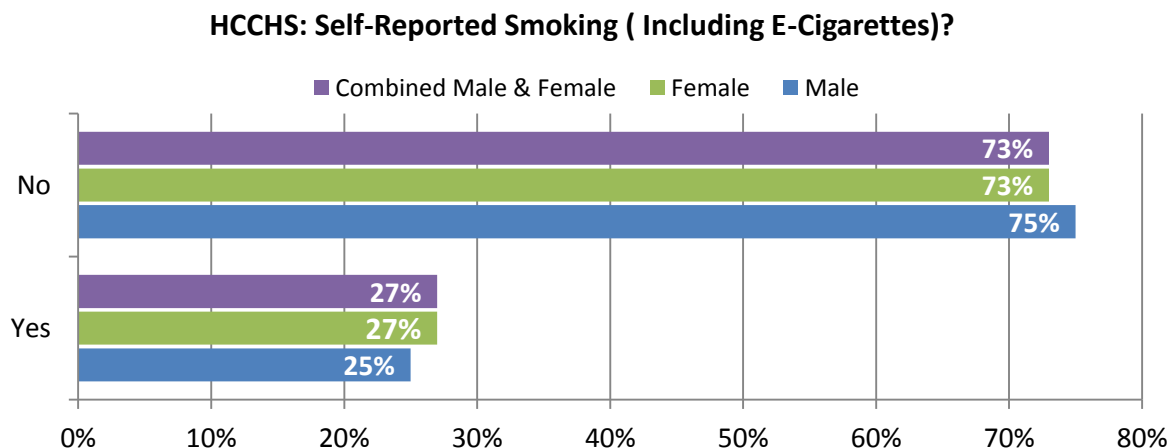
The following information was reported in the 2016 *County Health Rankings*, which represents data compiled through collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute. The reported data analysis utilizes a variety of national and state data sources that are standardized and combined using scientifically-informed weights.

- Highland County ranks **78 out of 88 counties for length of life**. The primary factor included in this statistic is premature death, which is defined as year of potential life lost before age 75.
- The county also ranks **71 out of 88 counties for quality of life**. Factors in this statistic include percentage of adults in Highland County reporting fair or poor health (18%), the average number of physically unhealthy days reported in the past 30 days (4.1%), the average of mentally unhealthy days reported in the last 30 days (4.3%), and percentage of live births with low birthweight (9%).

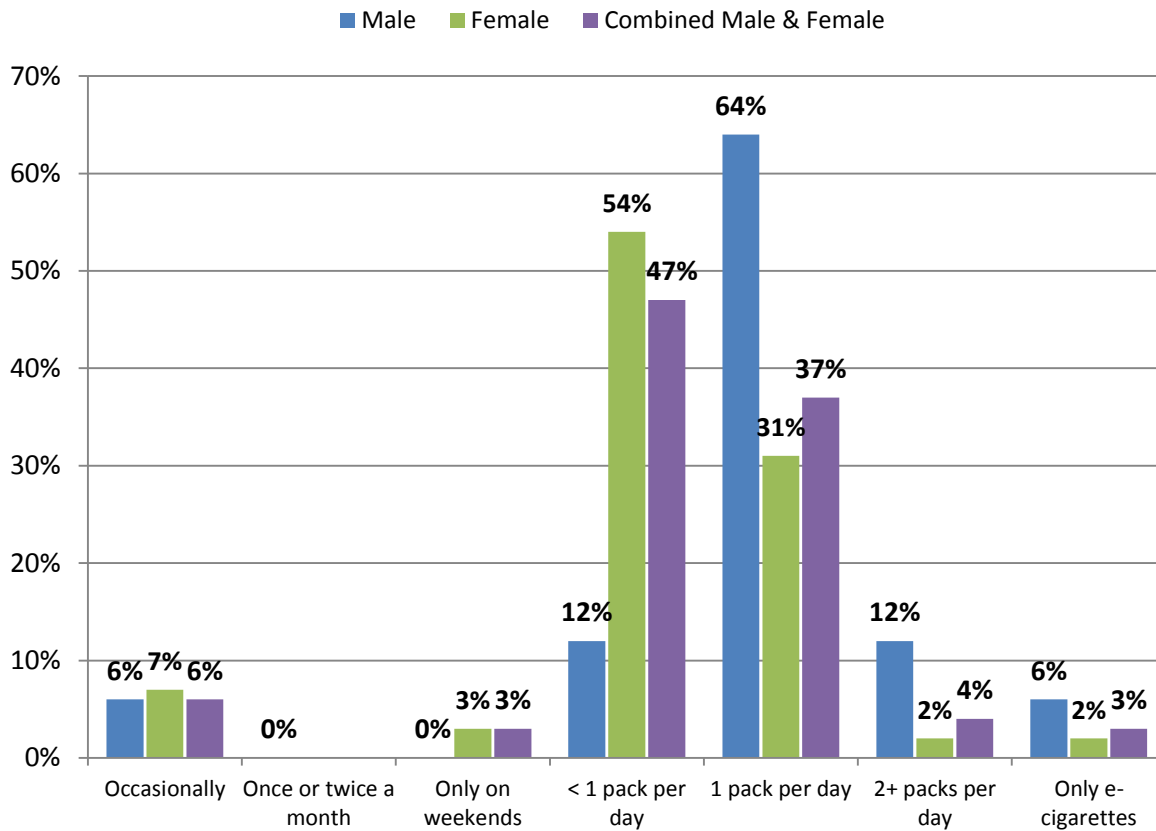
Health Behaviors	Highland County	Ohio
Adult smoking	22%	21%
Adult obesity (BMI over 30)	34%	30%
Physical inactivity (adults reporting no leisure-time physical activity)	29%	26%
Access to exercise opportunities (Percentage with adequate access to locations for physical activity)	58%	83%
Excessive drinking (adults reporting binge or heavy drinking)	16%	19%
Alcohol-impaired driving deaths	39%	35%

Source: County Health Rankings, 2016

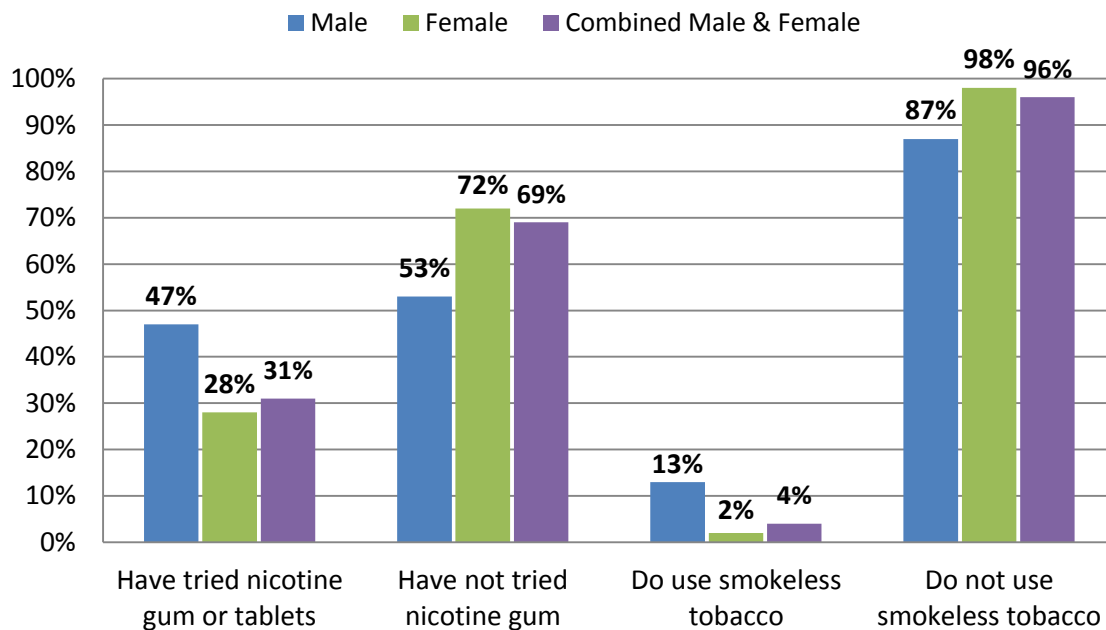
Smoking & Tobacco Use



HCCHS: Smoking Frequency

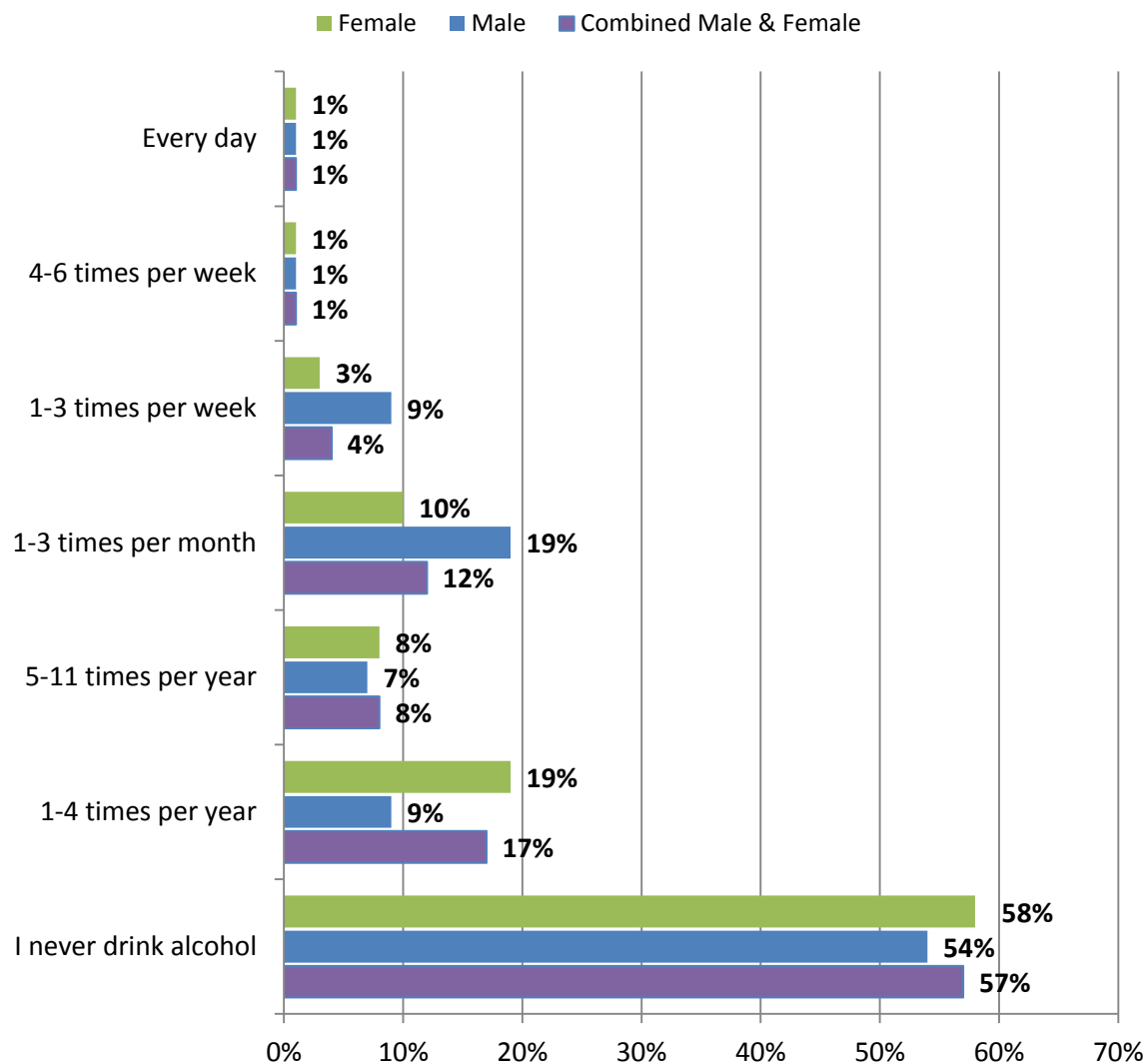


HCCHS: Nicotine Gum & Smokeless Tobacco Use



Alcohol Consumption

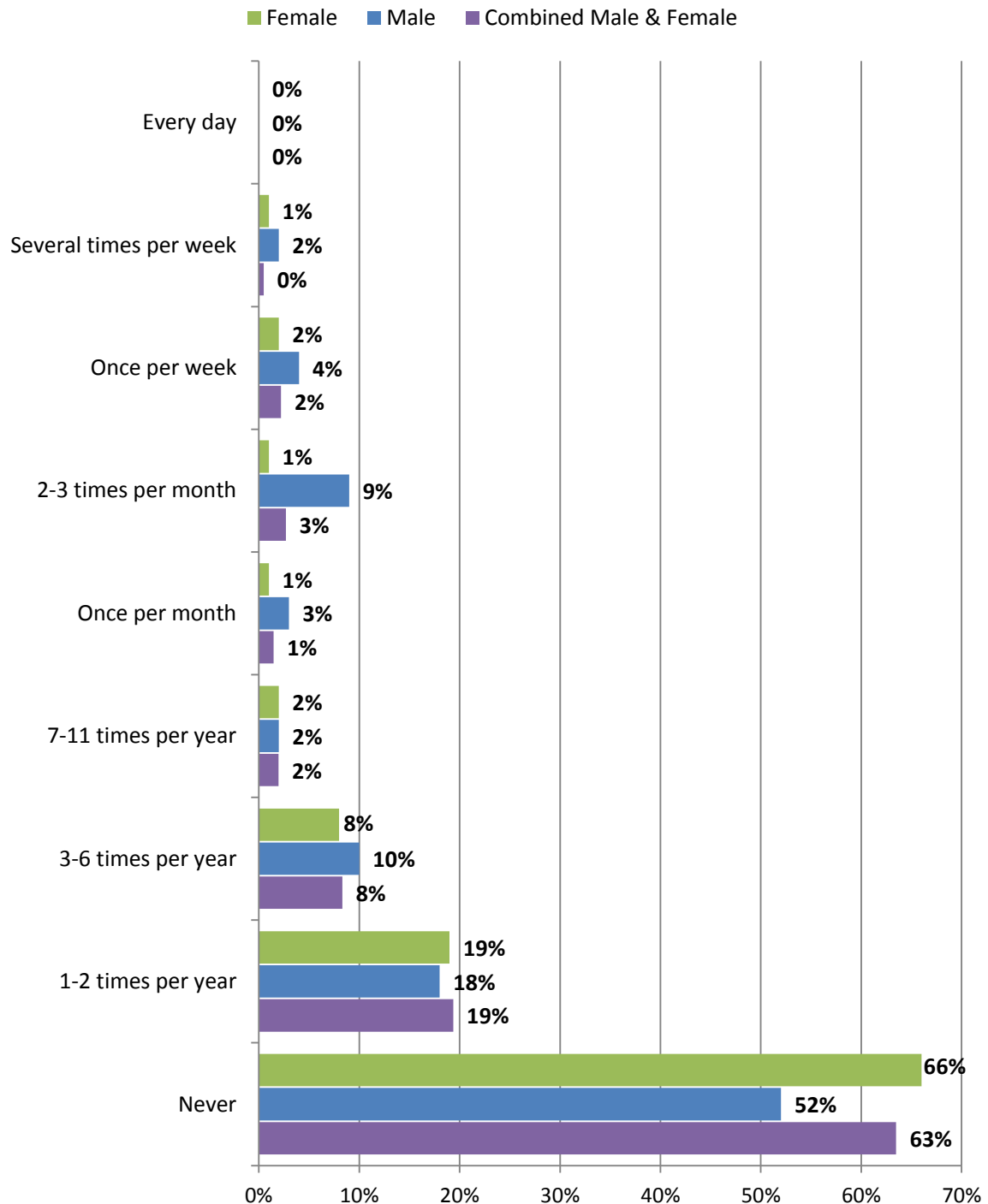
HCCHS: Self-Reported Alcohol Consumption



HCCHS: Consequences Experiences due to Consuming Alcohol	Percent Reported
No consequences	92%
Charged with DUI or DWI	6%
Involved in car accident while under the influence of alcohol	1%
Accused/charged with violence against another person while under the influence of alcohol	1%
Liver disease or other health issue as a result of consuming alcohol	1%
"I believe I have a problem with alcohol, but have not sought treatment"	2%

Gambling

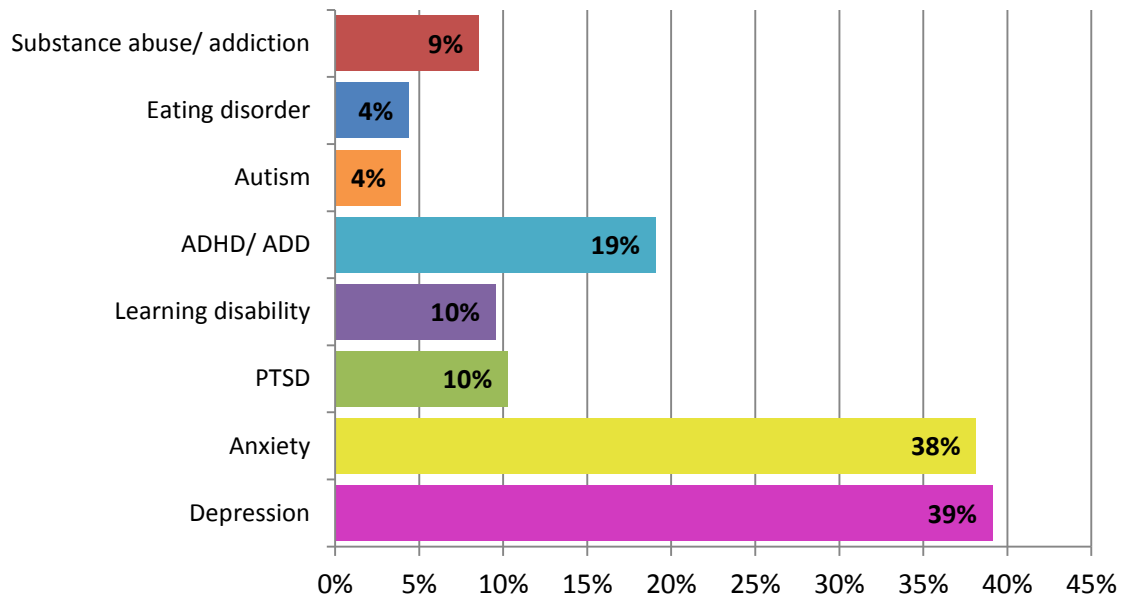
HCCHS: Self Reported Gambling Frequency



Medical Diagnosis & Health Issues

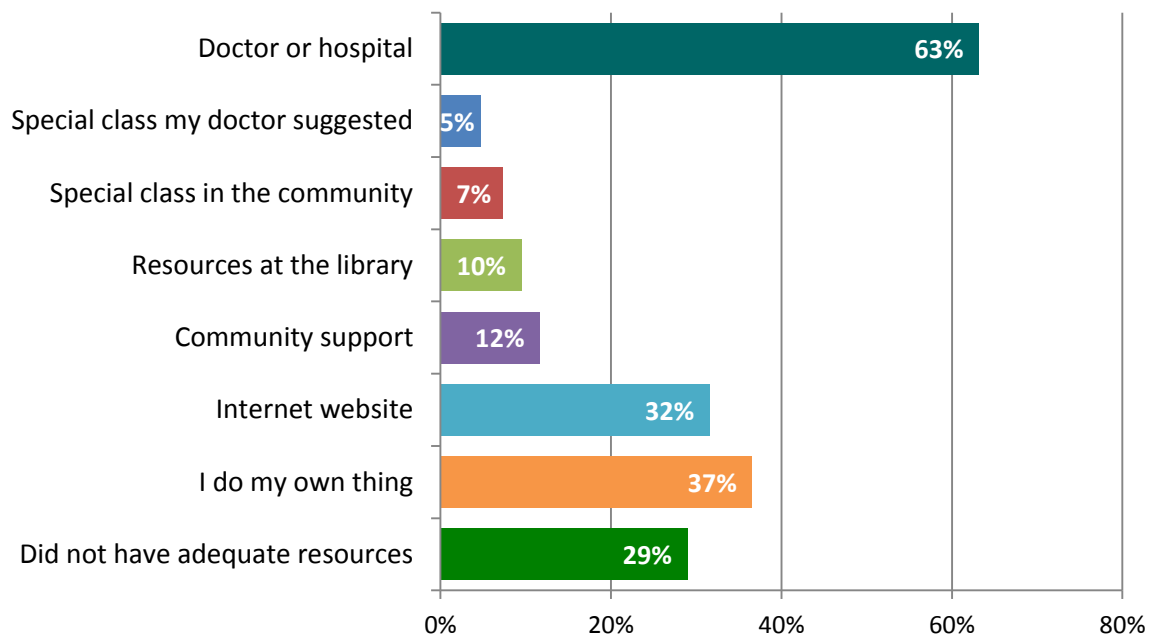
Mental/Emotional Condition, Substance Abuse, Learning Disability

HCCHS: Diagnosis for Self or Family Member

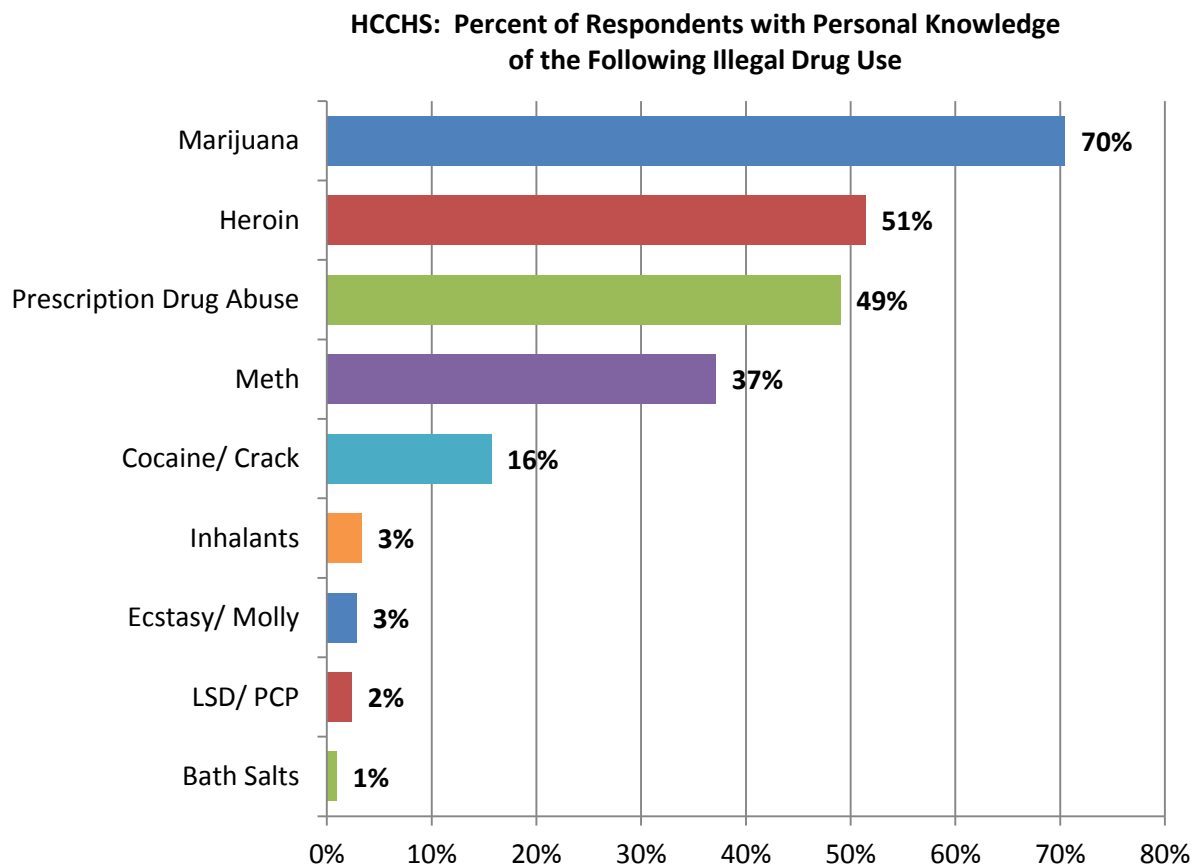


HCCHS: Helpful Resources

In Caring for Mental/Emotional Condition, Learning Disorder, or Substance Abuse Issue



Fifty-one percent of respondents indicated that they know someone who takes illegal drugs.
The following chart lists the illegal drugs the respondents know are used.

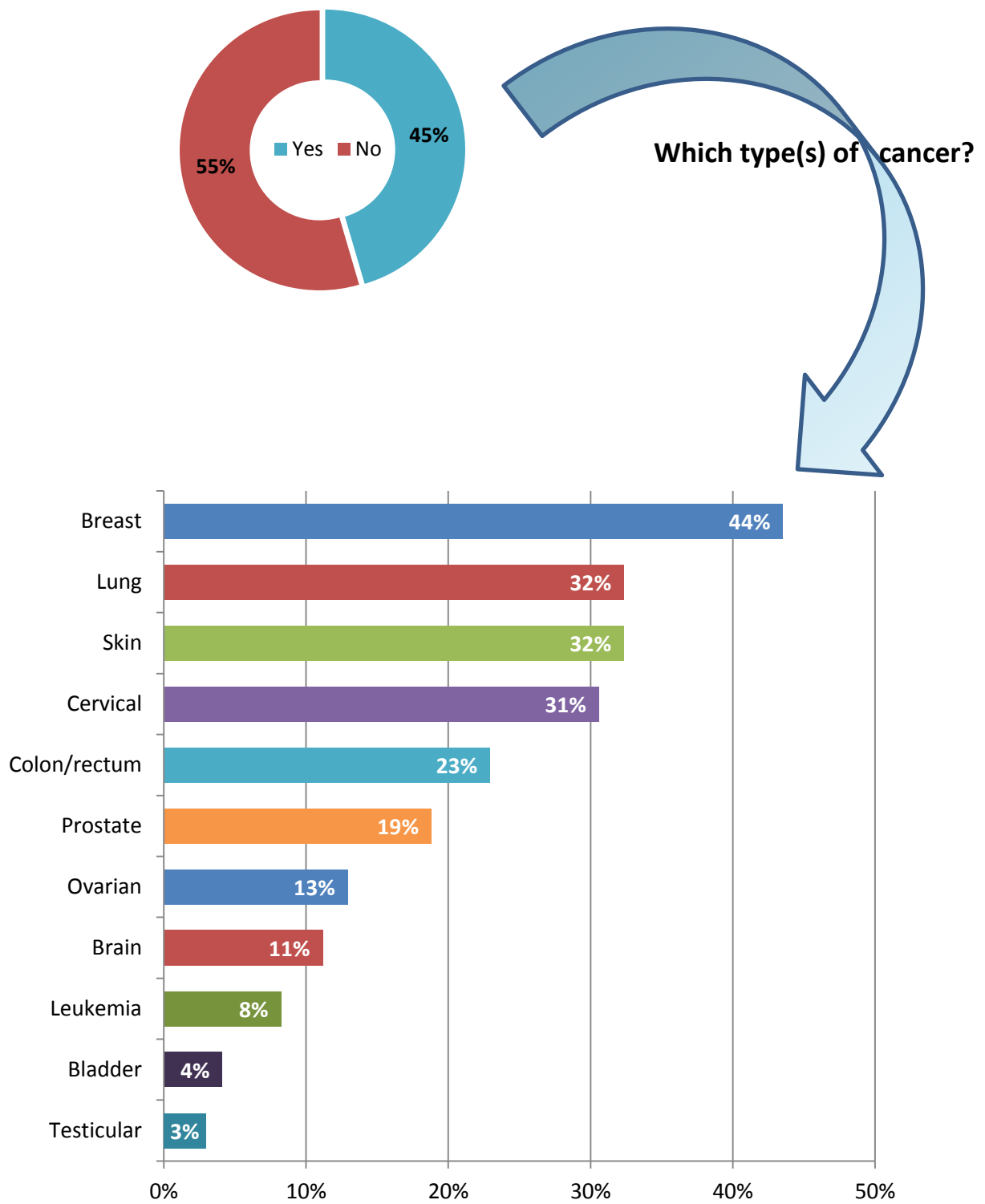


Issues Affecting Access to Medical Care and Services	Highland County	Ohio
Uninsured (percentage of population under age 65 without health insurance)	15%	13%
Primary care physicians (ratio of population to primary care physicians)	2,701 : 1	1,300 : 1
Dentists (ratio of population to dentists)	2,050 : 1	1,710 : 1
Mental health professionals (ratio of population to mental health providers)	2,690 : 1	640 : 1
Preventable hospital stays (number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees)	88	65
Diabetic monitoring *percentage of diabetic Medicare enrollees, ages 65-75 that receive HbA1c monitoring)	83%	85%
Mammography screening (percentage of female Medicare enrollees, ages 67-69 who receive mammography screening)	51%	60%

Source: County Health Rankings, 2016

Cancer

HCCHS: Self or Family Member Diagnosed with Cancer



Source: HCCHS, 2015

Health Screenings

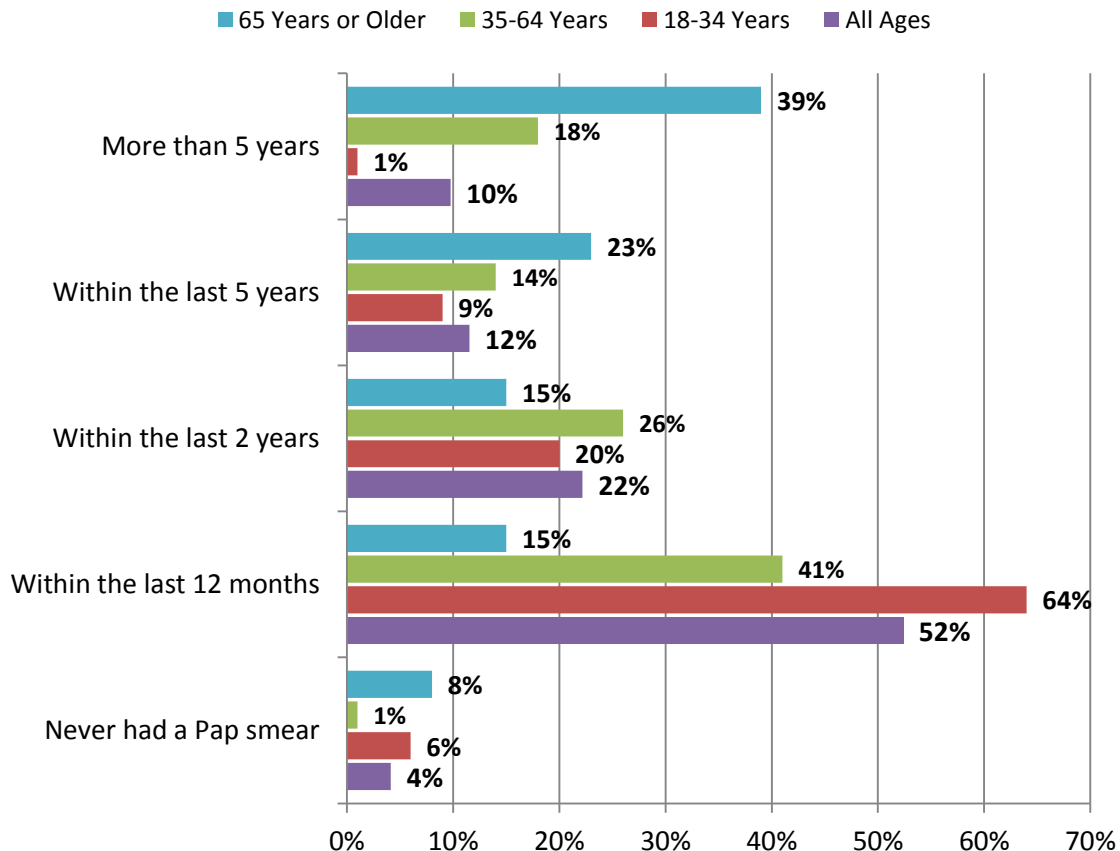
The following table contains the percent of cancer cases by stage at diagnosis for the leading and screenable cancers in Highland County, Ohio and the United States, 2008-2012. All values in percentages.

Cancer Site/Type	Highland County		Ohio	
	Early Stage	Late Stage	Early Stage	Late Stage
Breast	59.7	35.8	67.4	29.3
Cervix	35.7	50	41.4	52
Colon/Rectum	39.8	46.9	39.9	49.7
Lung/Bronchus	14.6	59.7	16.9	69.8
Melanoma/Skin	85.5	10.9	86.1	8.6
Oran/Pharynx	41.9	51.6	29.8	64
Pancreas	11.1	59.3	7.5	69.4
Prostate	74.3	8.6	79	13
Testis	0	50	67.7	29.5

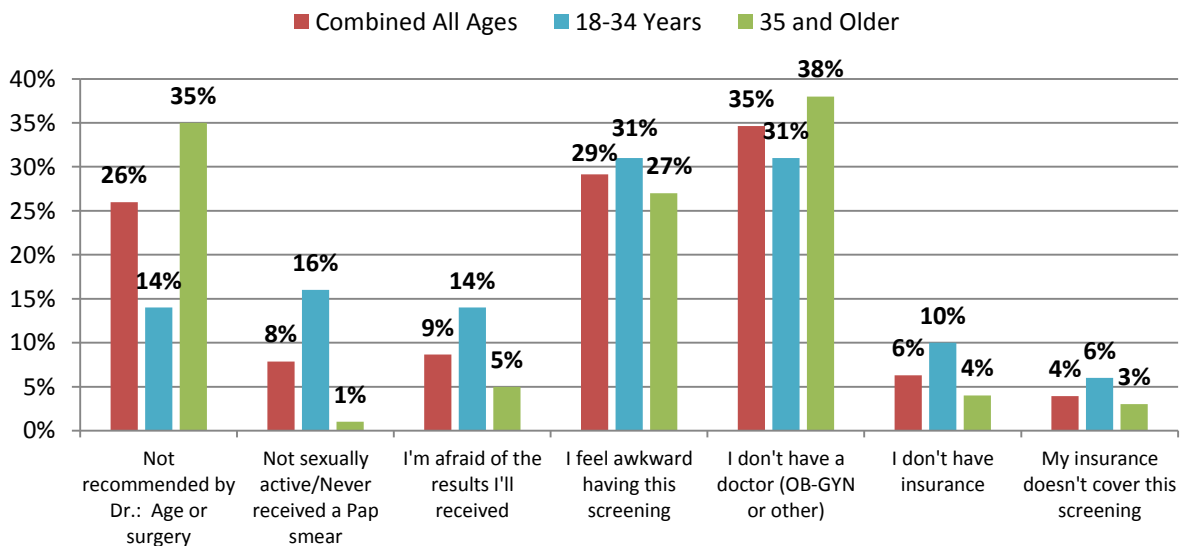
Source: Ohio Department of Health, 2015

Cervical Screening and Mammogram

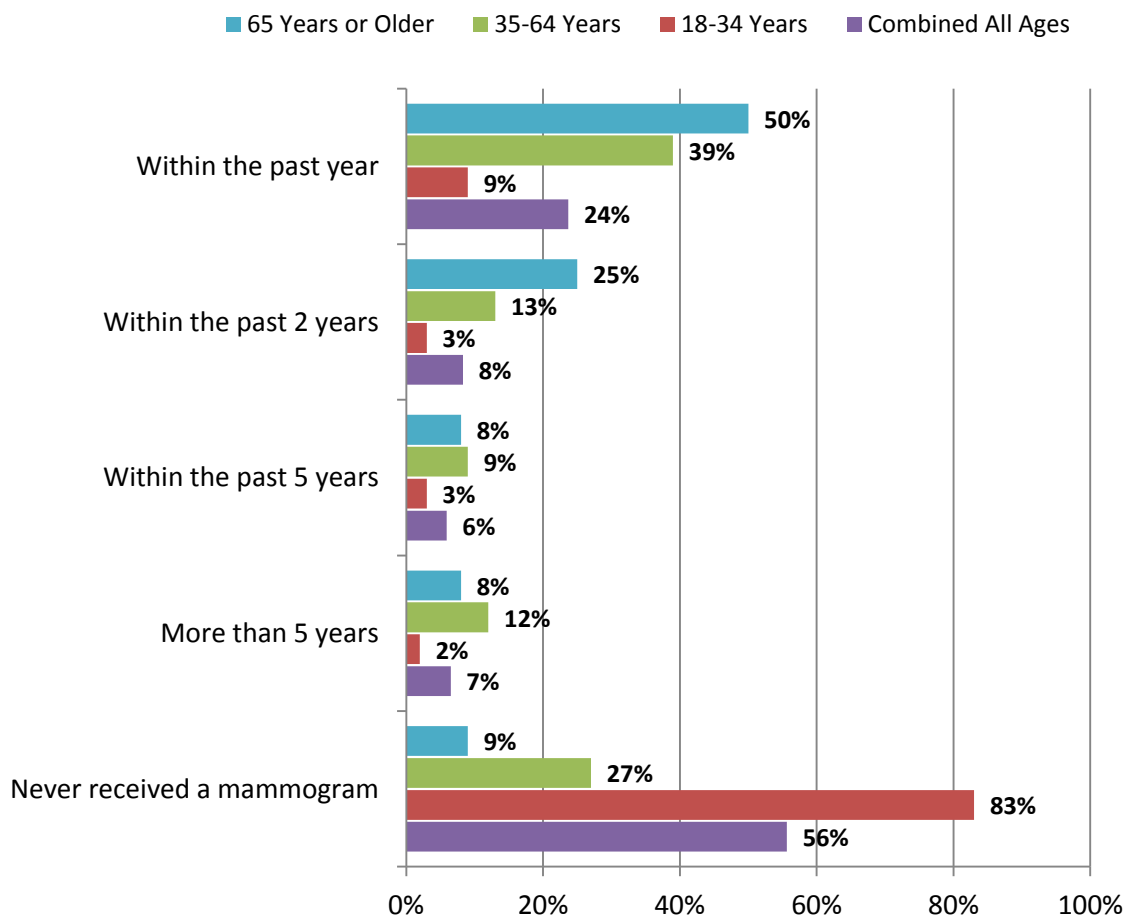
HCCHS: Time Since Last Pap Smear (Cervical Screening) (Females Only)



HCCHS: Why has it been longer than a year since your last Pap smear? (Females only)

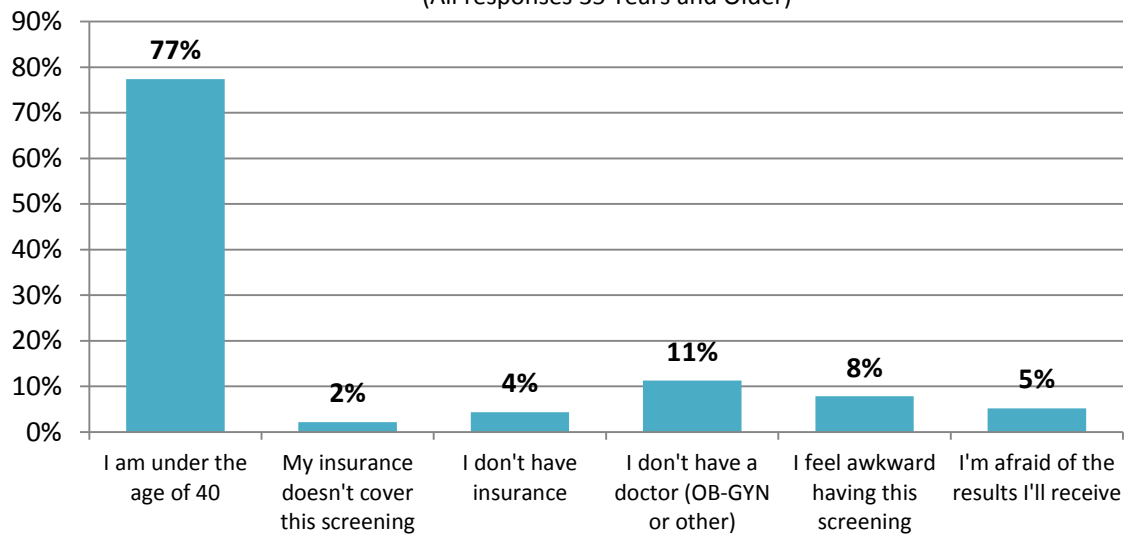


HCCHS: Time Since Last Mammogram



HCCHS: Why has it been longer than a year since your last mammogram?

(All responses 35 Years and Older)

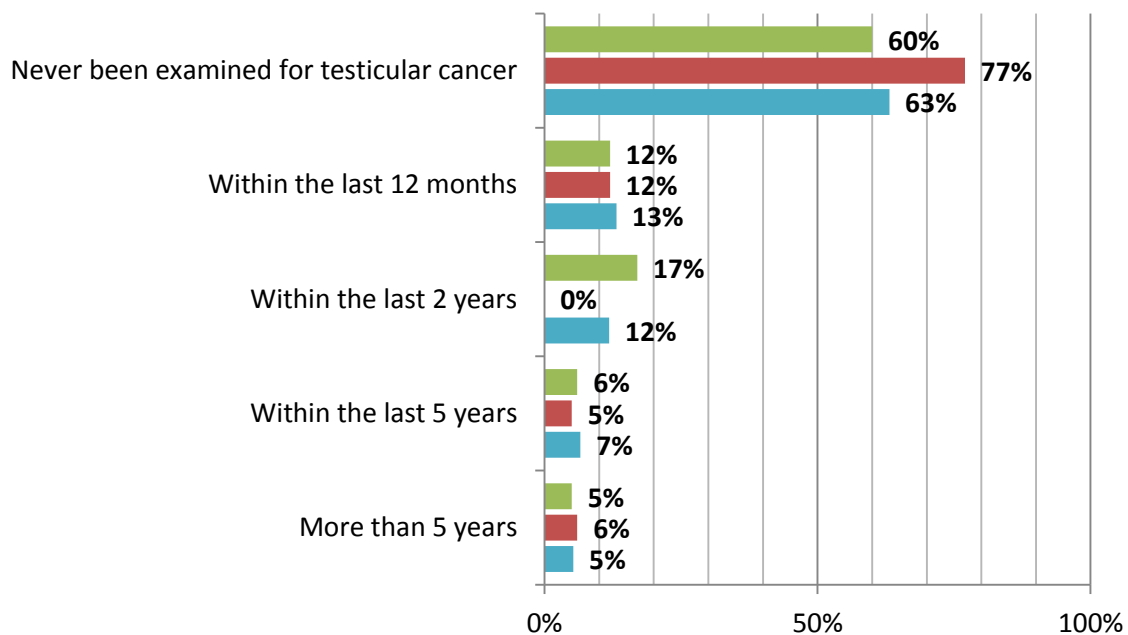


Testicular Exam

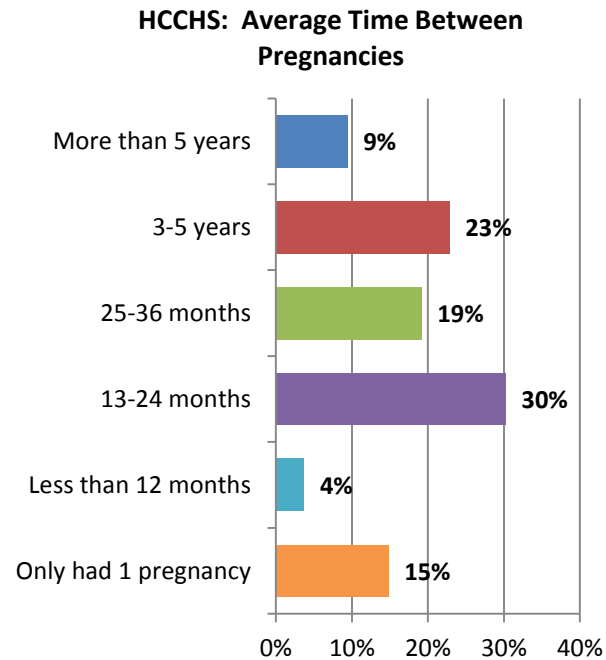
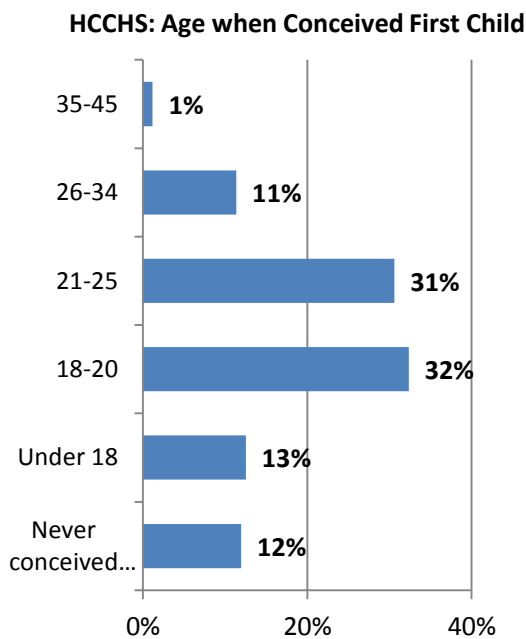
HCCHS: Length of Time Since Last Testicular Cancer Exam

(Males Only)

■ 35 Years and Older ■ 18-34 Years ■ Combined All Ages



Pregnancy

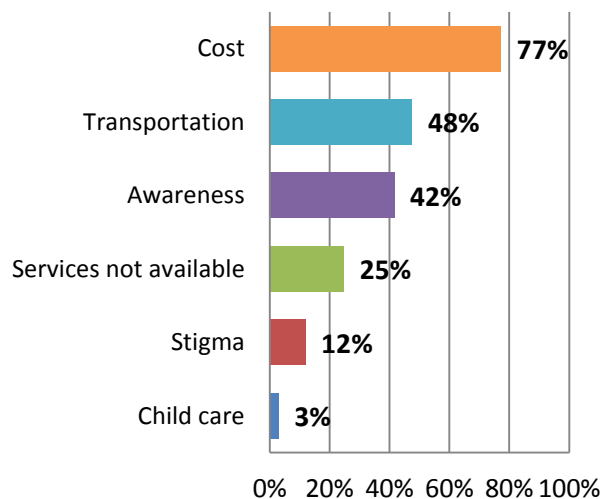


- Of the HCHS respondents, **99 percent indicated that they participated in prenatal care**. One percent indicated that they did not participate in prenatal care due to a fear of drug screening.
- 16 percent of the respondents reported giving birth to a low birth weight baby (fewer than 5 pounds, 8 ounces)
- 21 percent of the HCHS respondents reported smoking cigarettes while pregnant
- 8 percent of respondents didn't take vitamins while pregnant
- 7 percent reported having poor nutrition while pregnant
- 1 percent of respondents reported prescription drug abuse while pregnant
- 70 percent of respondents reported no risky behavior during pregnancy

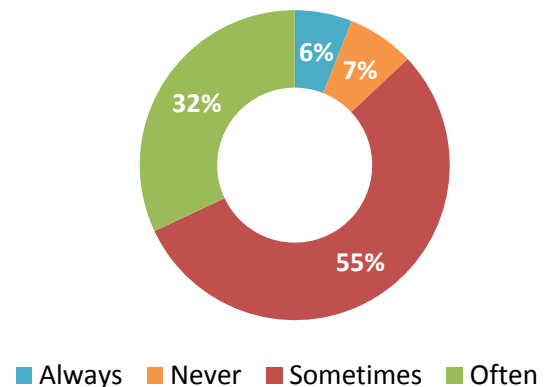
Highland County Health Professional Survey (HCHPS)

The 2015 Highland County Health Professionals Survey (HCHPS) collected information from health care professionals working in Highland County. The questionnaire gathered information about their perceptions and experiences related to general health and the health care needs and concerns of their patients/clients. Health care professionals were directed to the HCHPS through communication from their employers (local hospitals, the county health department, school systems, medical providers, and other social service agencies). Notices about the health professionals' survey were also shared on the social media sites of the Health Collaborative members and at local social service agency meetings. The survey for the health professionals was completed by 114 respondents and was open from May through December 2015

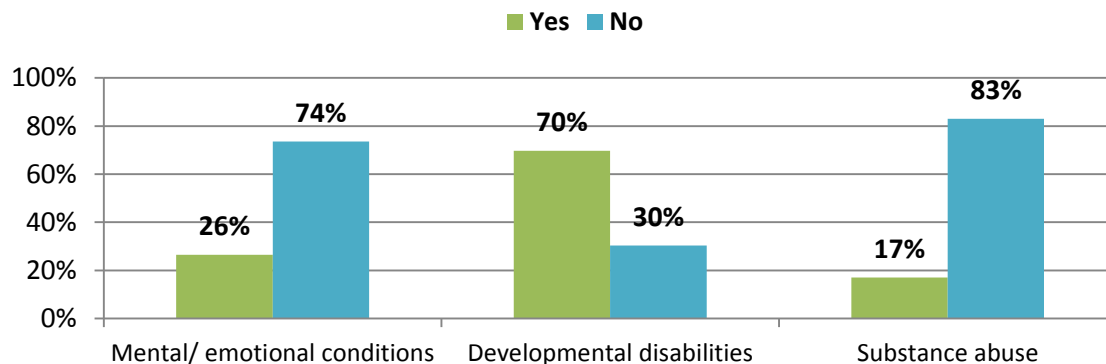
Health Professionals: Top barriers to patients receiving health care services



Do your clients or patients ever express problems with transportation to get to health care appointments?



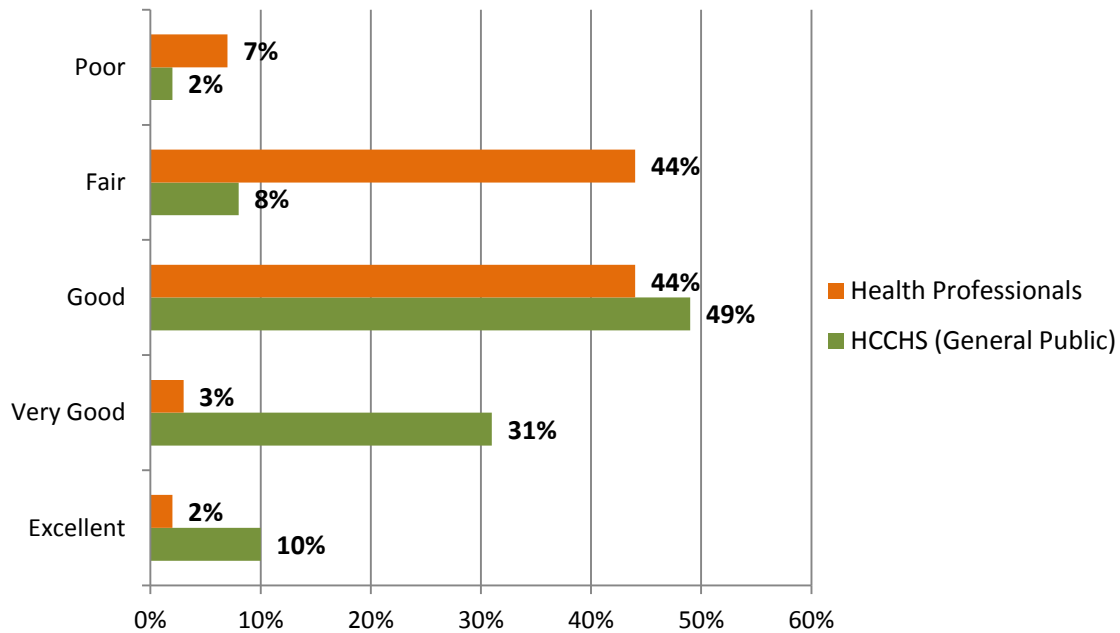
Health professionals: Do you feel that Highland County has the necessary resources to manage: mental/ emotional conditions, developmental disabilities, and substance abuse?



Comparing Responses:

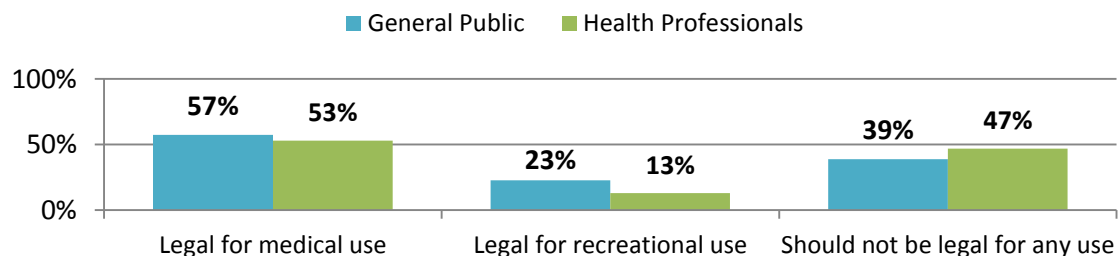
Highland County Health Professional (HCHPS) & General Public (HCCHS)

The chart below compares the responses of the HCCHS (general public) respondents' description of their own health, with the responses reported by the health professionals (HCHPS) of how they perceive the health of residents of Highland County.

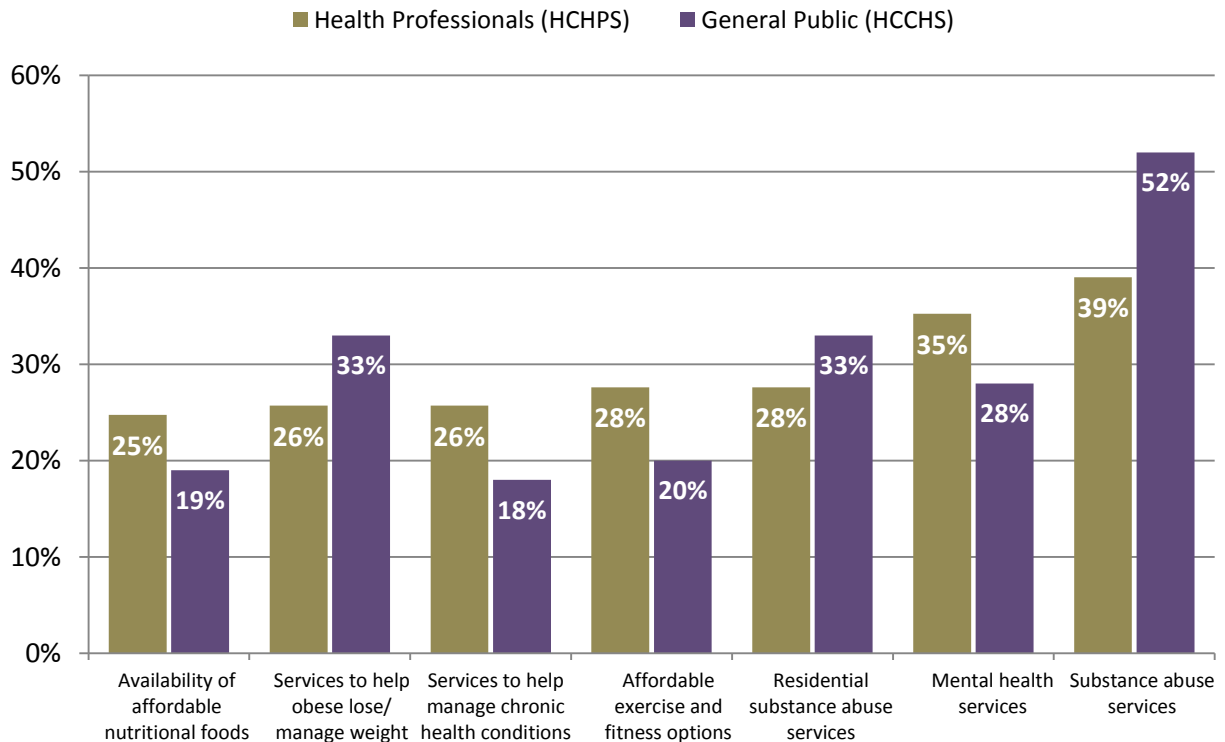


Top 5 Health Issues Considered a Problem in Highland County			
Reported by General Public		Reported by Health Professionals	
1	Illegal drug use	1	Illegal drug use
2	Prescription drug abuse	2	Obesity
3	Obesity	3	Tobacco use
4	Tobacco use	4	Hypertension/High blood pressure
5	Alcohol use	5	Prescription drug abuse

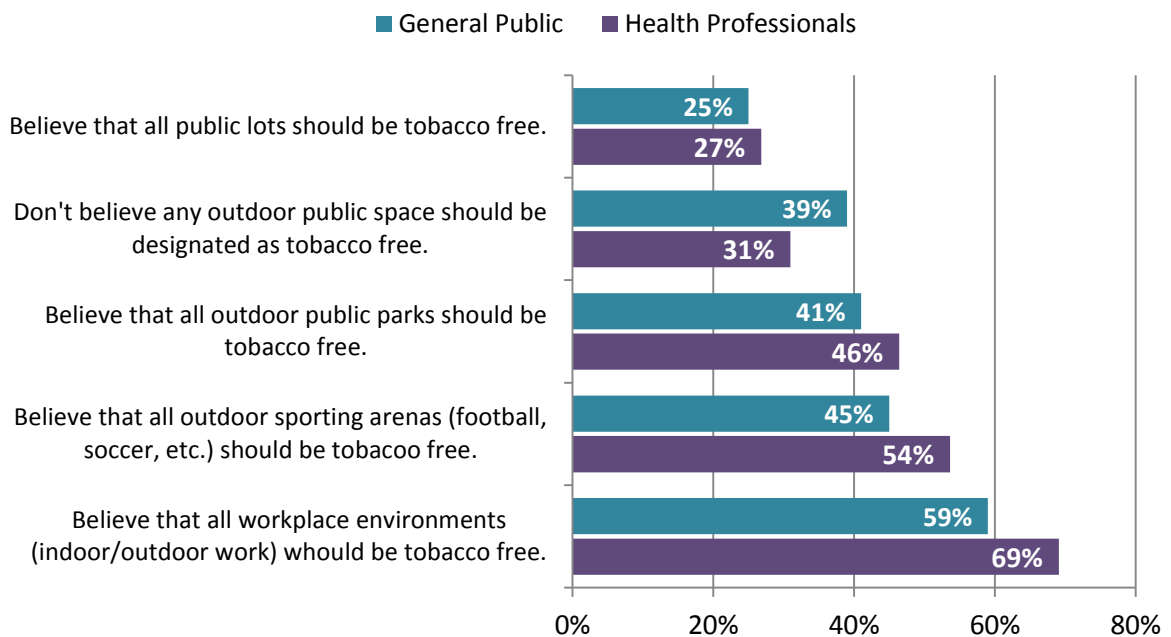
Opinions about Marijuana Legalization in Ohio



Top Concerns that Impact Health



Opinions about Tobacco-Free Environment



Highland County Community Health Report

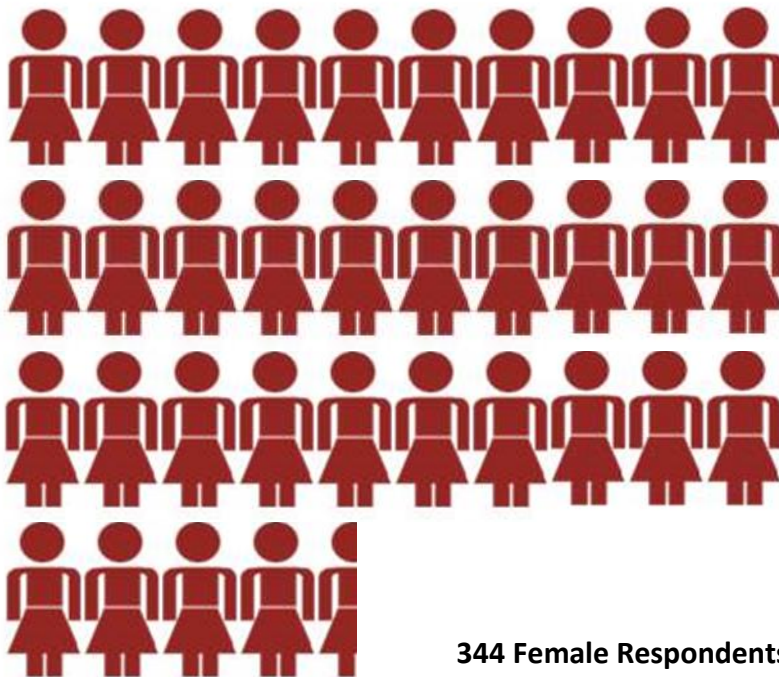
**Highland County
Community Health Survey
(HCCHS)**

Summary of Responses

Respondent Information

As part of a comprehensive community health assessment, residents of Highland County participated in a web-based and some completed an identical written questionnaire designed to capture and measure their experiences, knowledge, and opinions regarding health and wellness. A total of 433 Highland County residents responded.

Highland County Community Health Survey Respondents (433 Total)

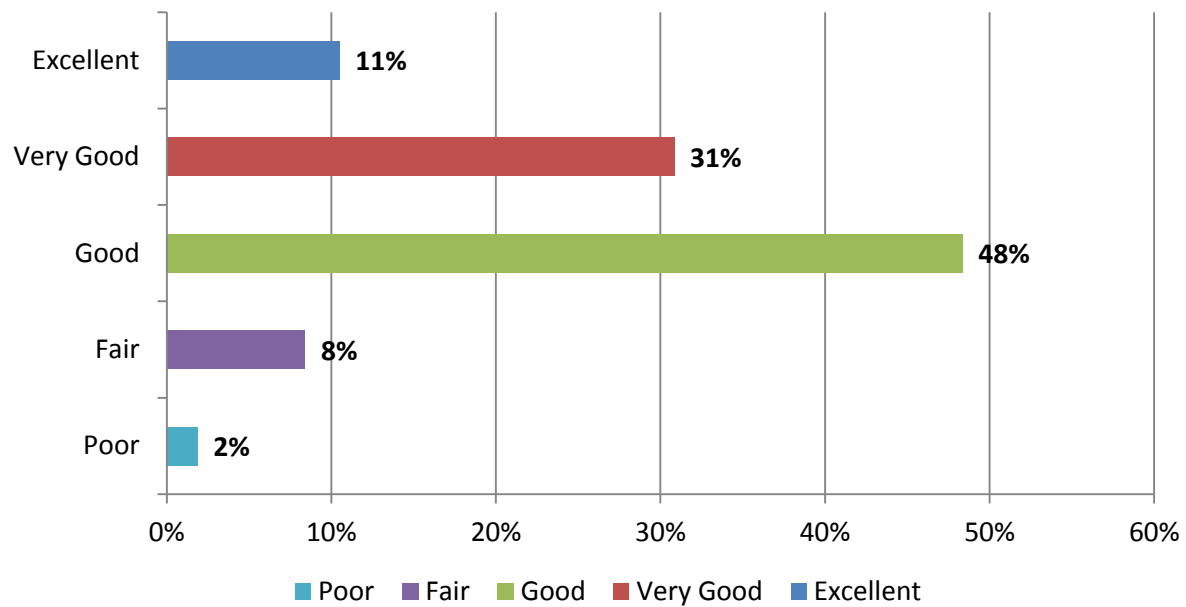


344 Female Respondents

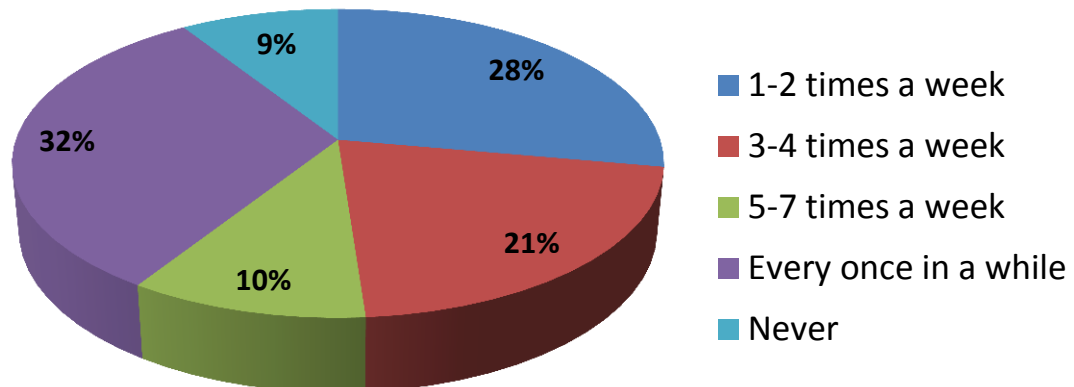


69 Male Respondents

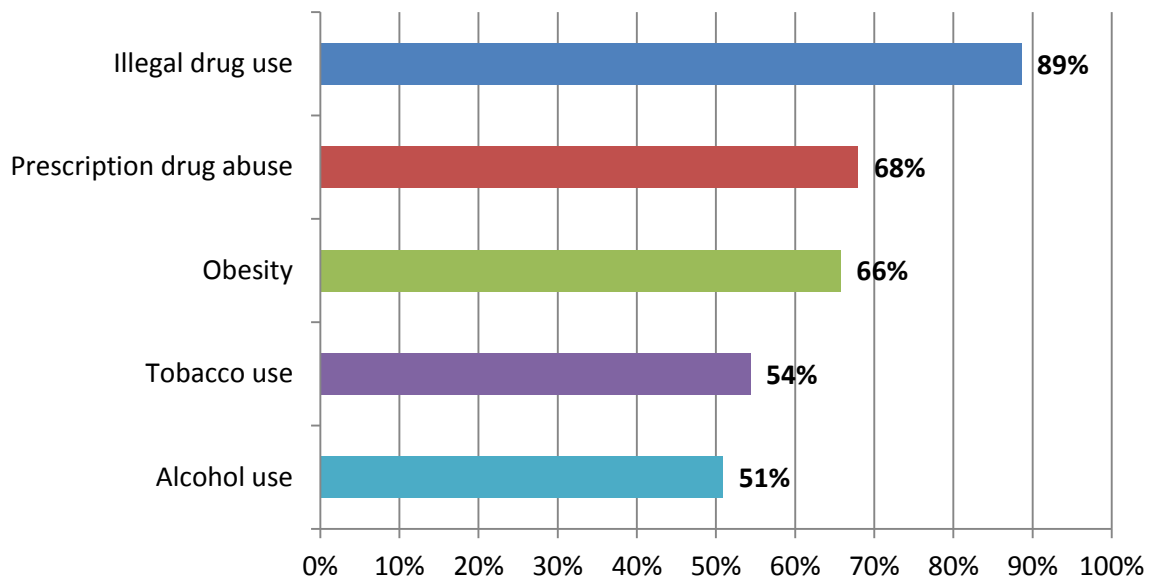
Community: How would you describe your health?



Community: How often do you exercise?



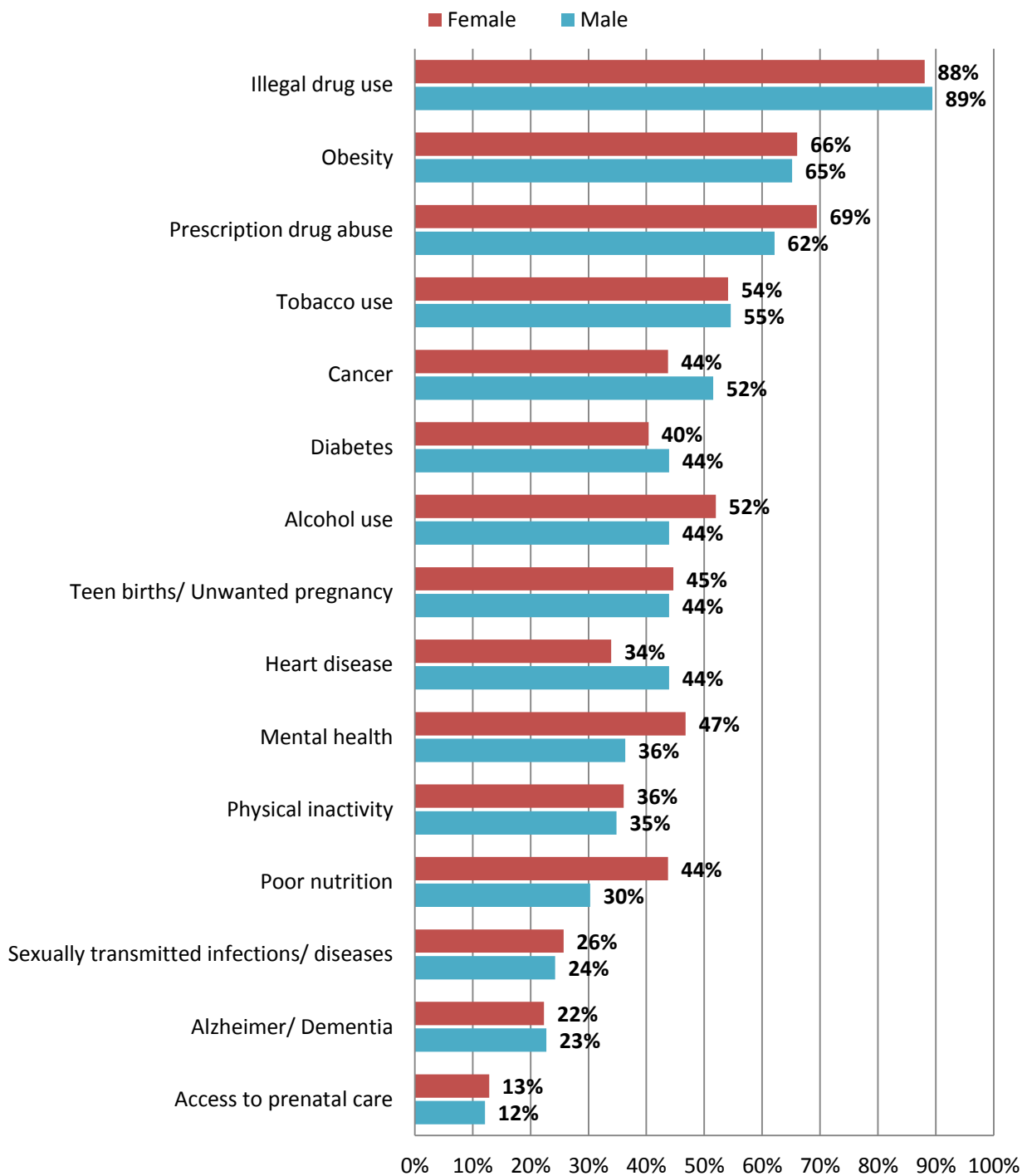
**Community: Top 5 health issues that you consider to be a problem
(Check all that apply)**



More: Health issues that you consider to be a problem	Percentage
Cancer	45%
Mental health	45%
Teen Births/Unwanted pregnancy	44%
Food Nutrition	42%
Diabetes	41%
Physical inactivity	37%
Heart disease	35%
Sexually transmitted infections/diseases	25%
Alzheimer/Dementia	22%
Access to prenatal care	12%

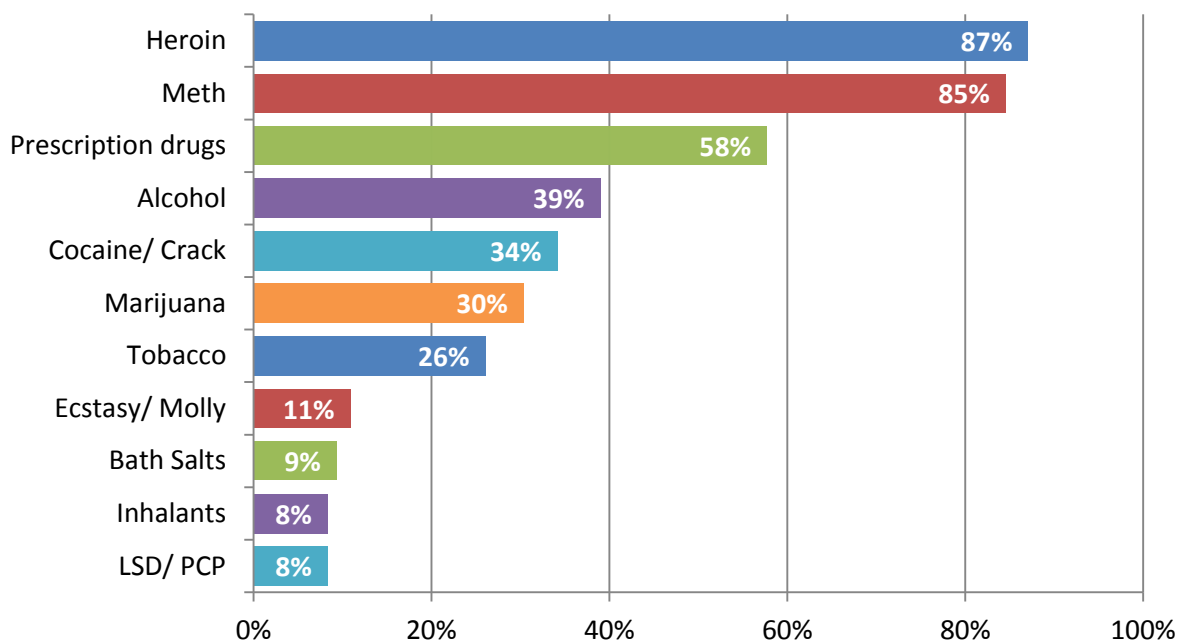
Community: Top 5 health concerns comparison by gender			
Female – Top 5 concerns		Male – Top 5 concerns	
Illegal drug use	88%	Illegal drug use	89%
Prescription drug abuse	69%	Obesity	65%
Obesity	66%	Prescription drug abuse	62%
Tobacco use	54%	Tobacco use	55%
Alcohol use	52%	Cancer	52%

Community: Health concern responses by gender.

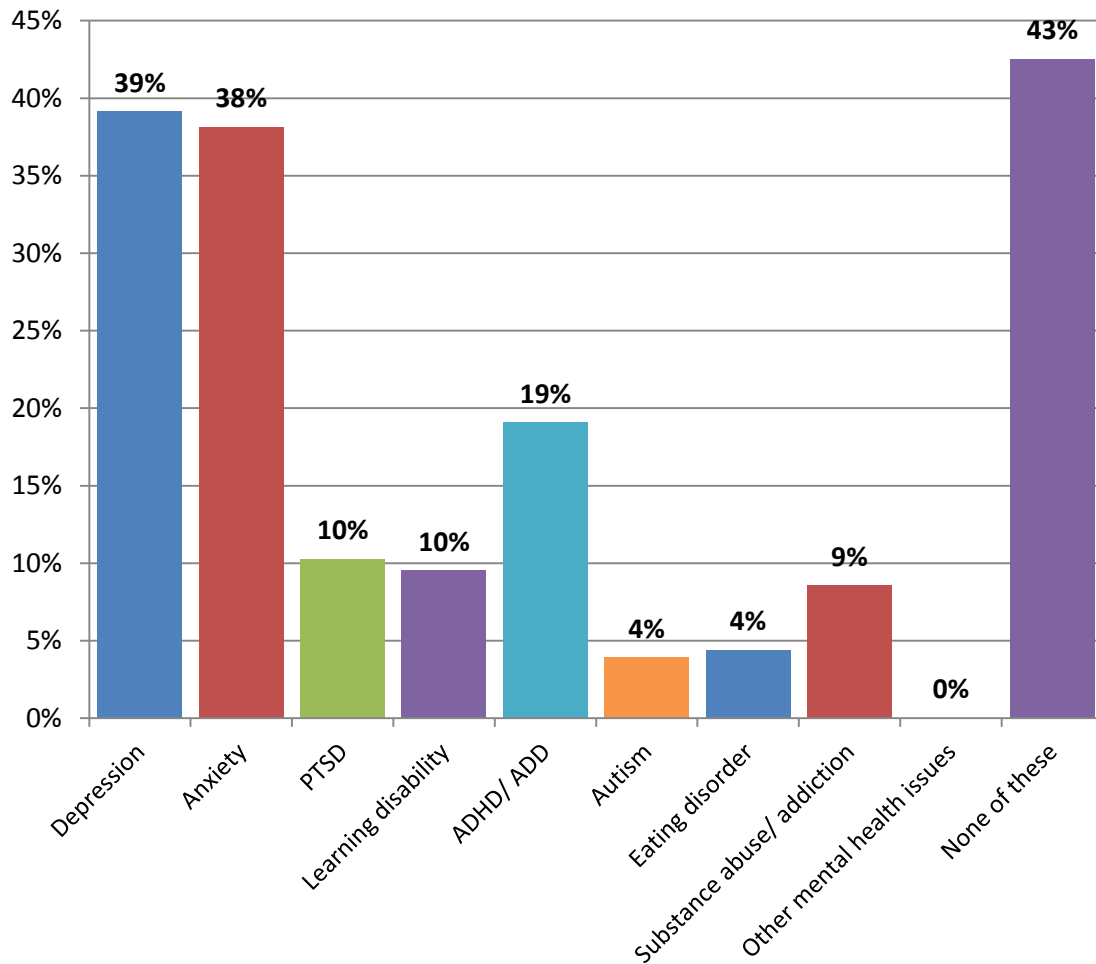


More: Opinions on top concerns that impact health	Percentage
Lack of affordable exercise and fitness options	20%
Lack of services to help people understand and practice good nutrition	20%
Lack of availability of affordable nutritional foods	19%
Lack of services to help people manage chronic health conditions	18%
Lack of services and programs designed to help people stop smoking or using other forms of tobacco	18%
Lack of residential mental health treatment	17%
Lack of information about managing chronic health conditions (like diabetes, high blood pressure, etc.)	16%
Lack of affordable contraceptive and prenatal health services	6%

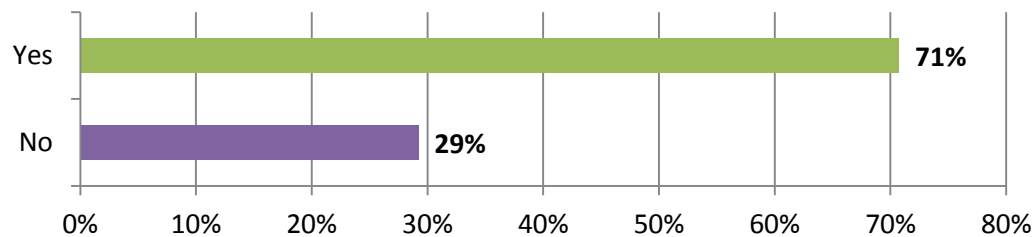
Community: Which of the following substances concerns you most in your community? (Select all that apply)



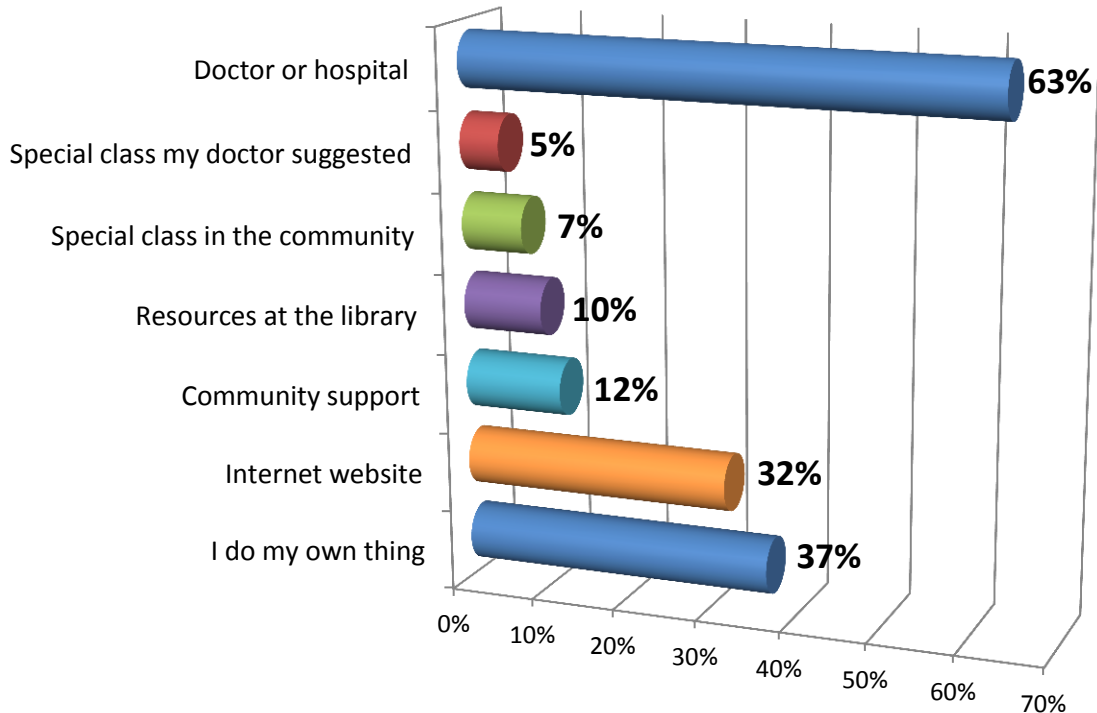
**Community: Have you or a family member ever been told by a doctor or other health professional that you have any of the following?
(Check all that apply)**



Community: Do you feel you have the necessary resources to manage your or your family member's mental/emotional condition, development disorder or substance abuse?



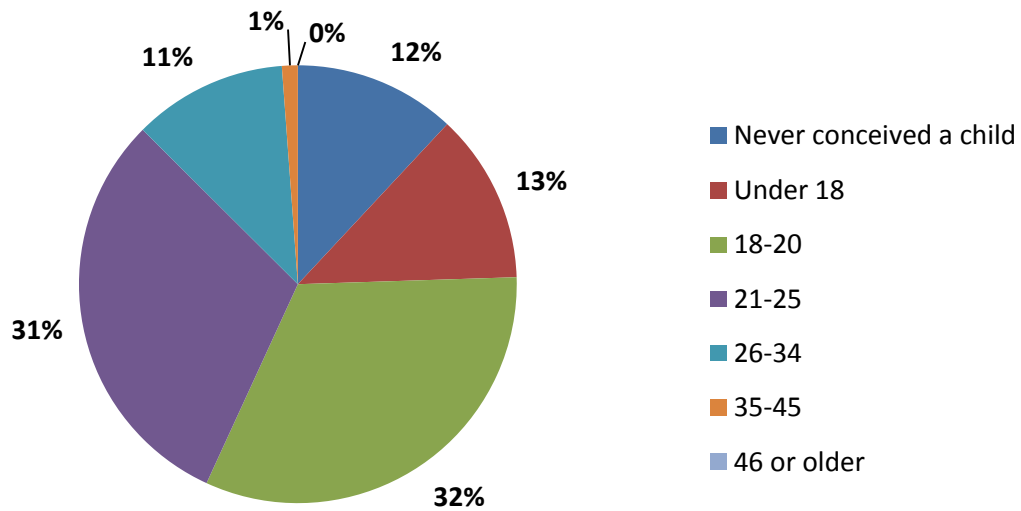
Community: In caring for your own or a family members's mental/ emotional condition, developmental disorder or substance abuse, what has been most helpful? (Please select up to 3 choices)



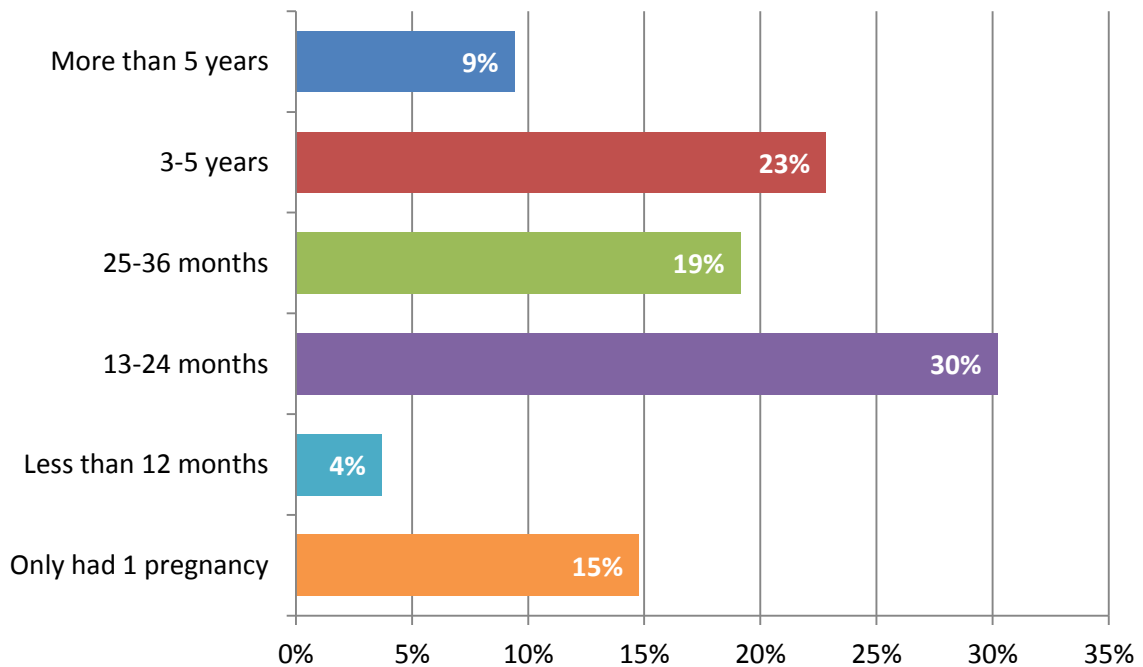
Most helpful in caring for mental/emotional condition, developmental disorder or substance abuse by gender.

Choices	Male	Female
Doctor or hospital	51%	66%
Special class my doctor suggested	5%	5%
Special class in the community	12%	6%
Resources at the library	12%	9%
Community support	27%	9%
Internet website	29%	32%
I do my own thing	54%	32%

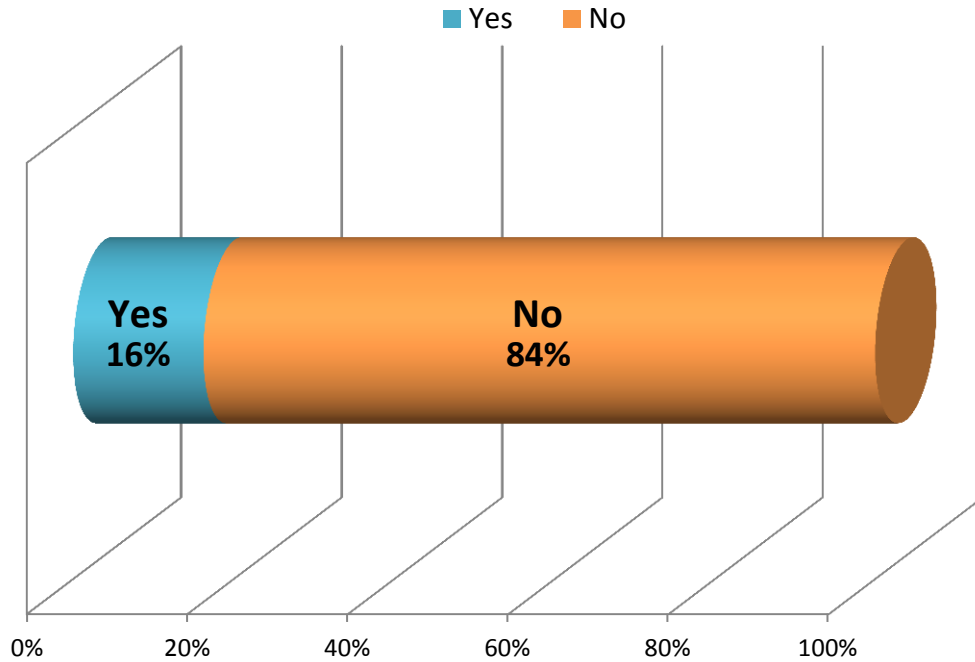
Community: How old were you when you conceived your first child?



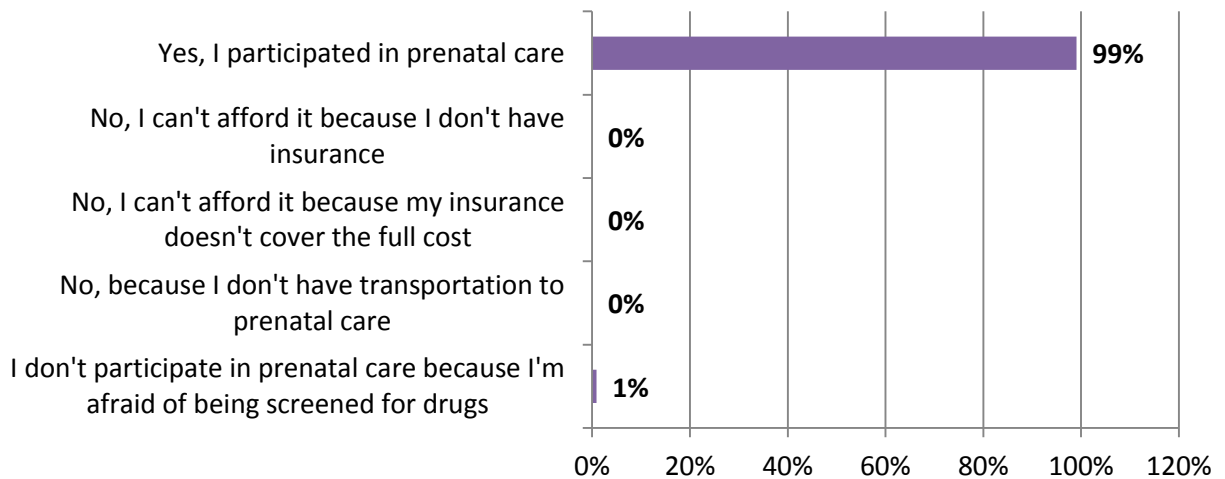
Community: On average, how much time between your pregnancies?



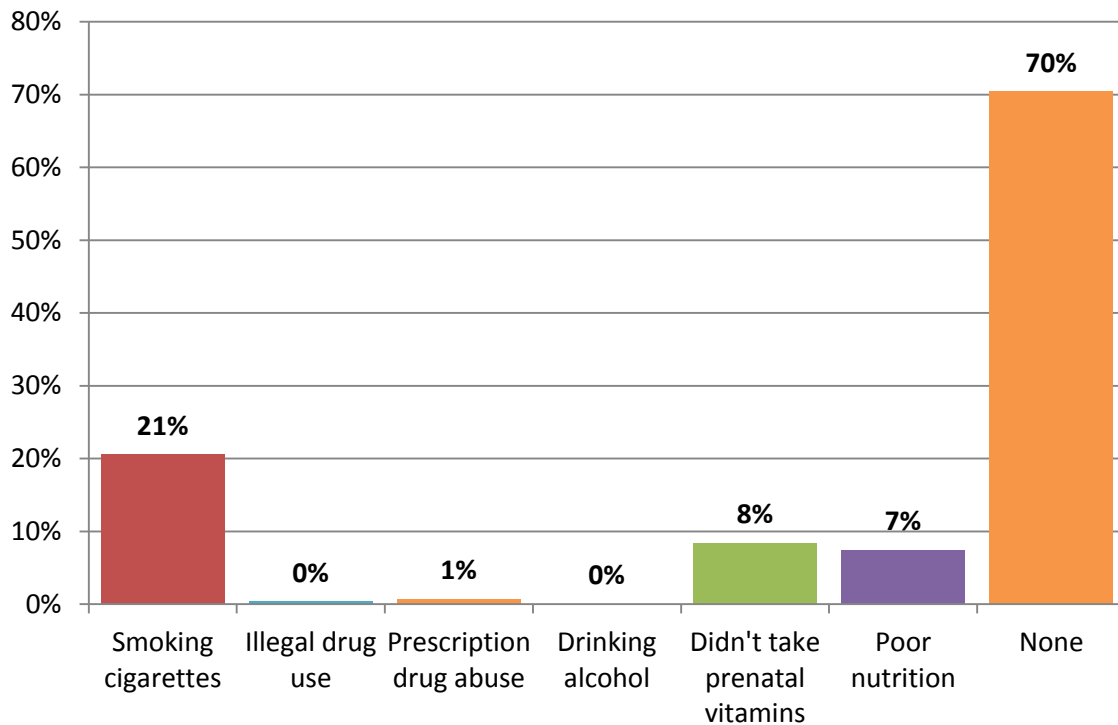
Community: Have you given birth to a baby that has a low birth weight (less than 5 pounds 8 ounces)?



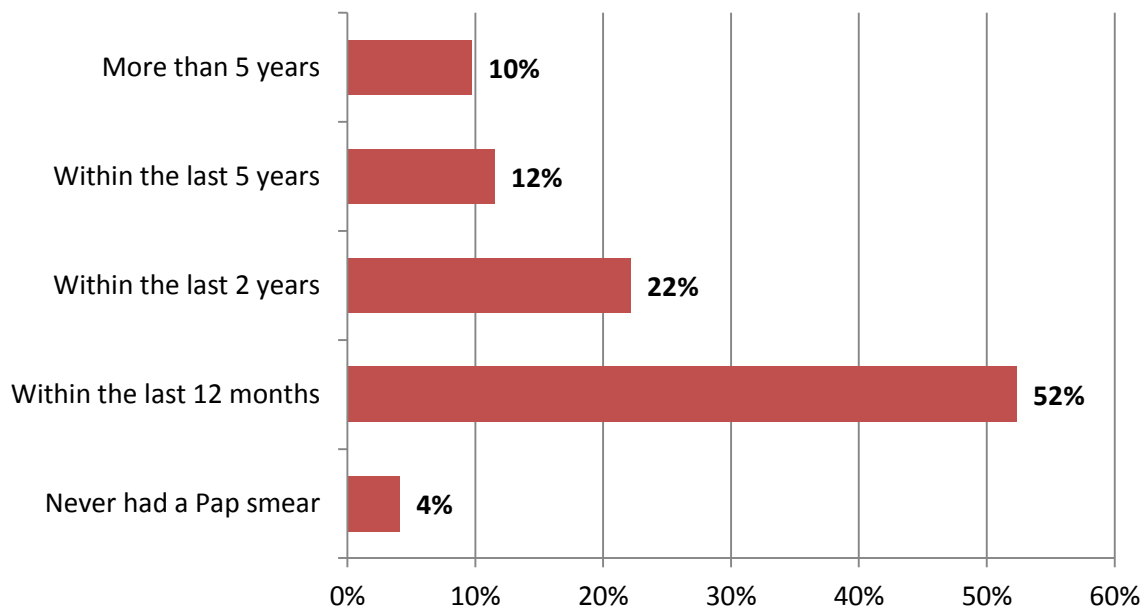
Community: During your pregnancies, did you participate in prenatal care (if you're currently pregnant, include your current pregnancy)?
(Select all that apply)



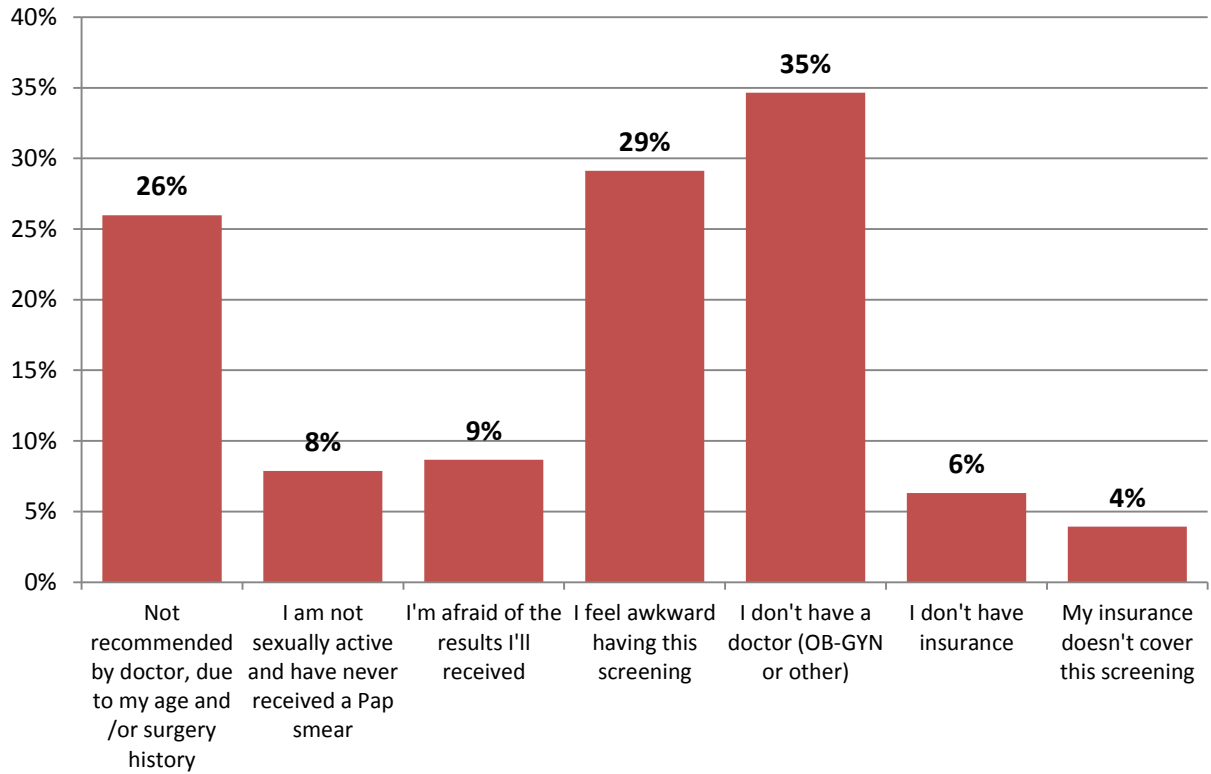
Community: Did you engage in any of the following behaviors during pregnancy?



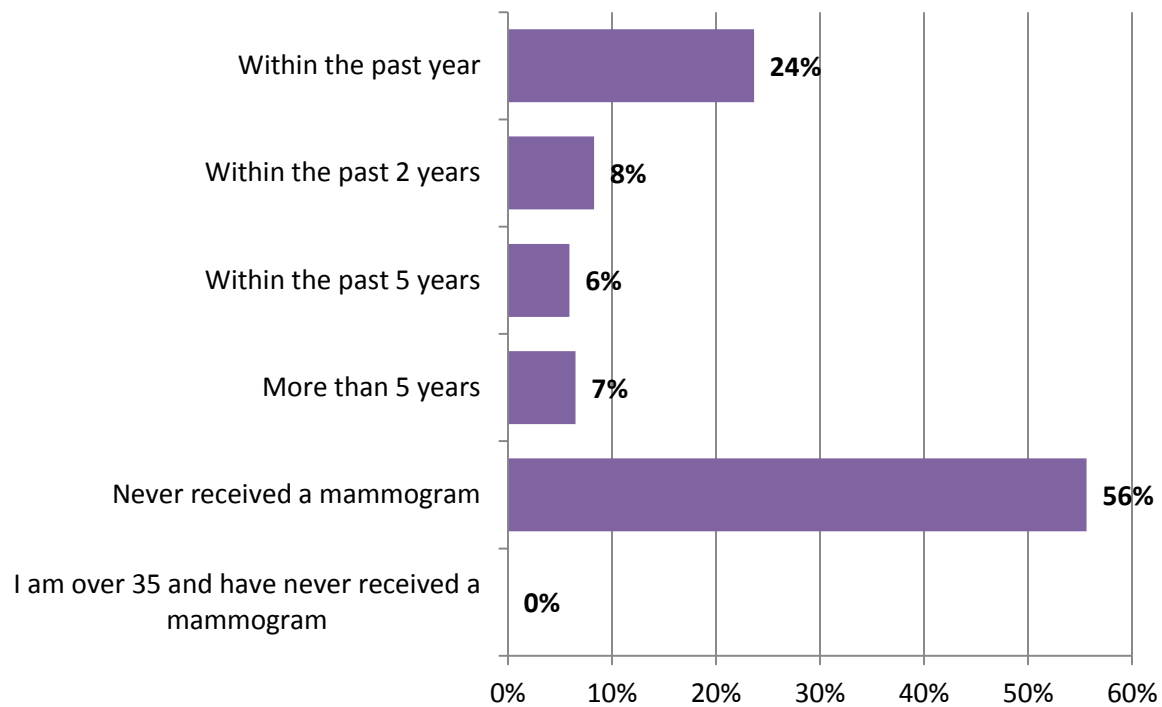
Community: When was your last Pap smear (cervical screening)?



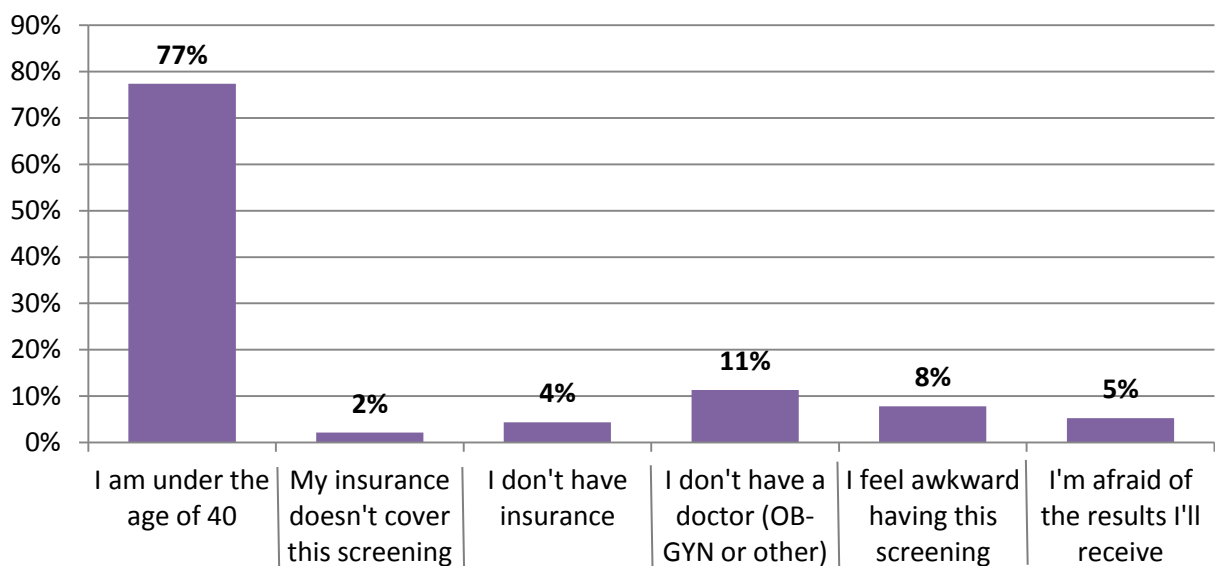
Community: If it has been more than a year since your last Pap smear or you have never had a Pap smear, please select the statements below that best describe you: (Select all that apply)



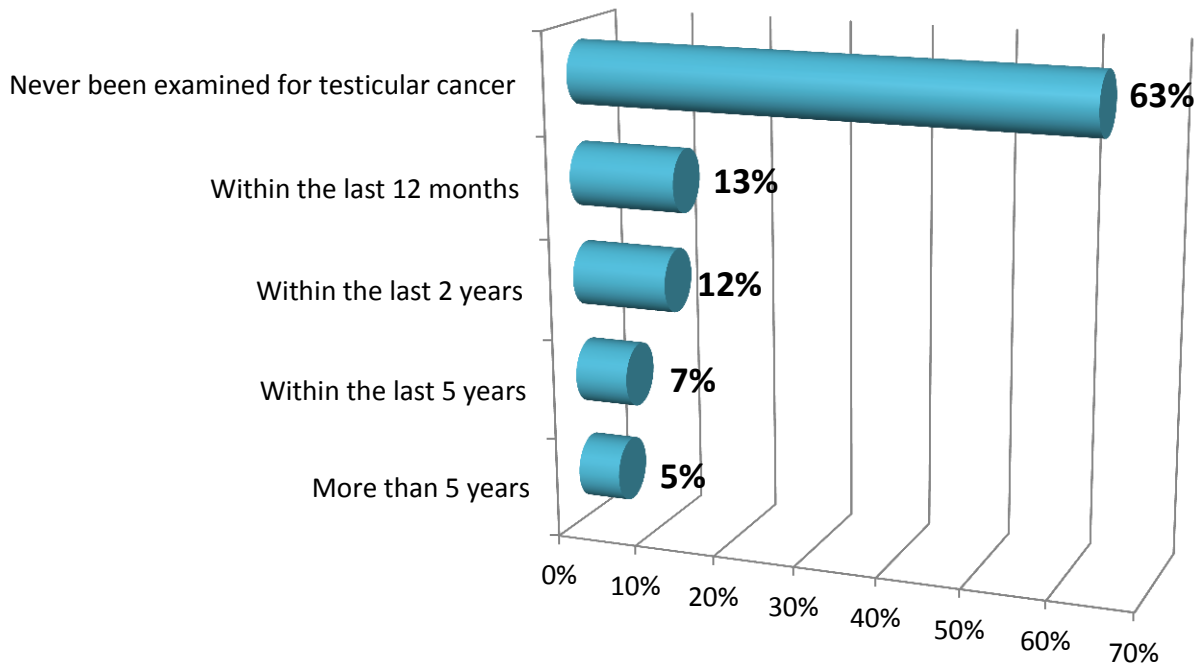
Community: How long has it been since your last mammogram?



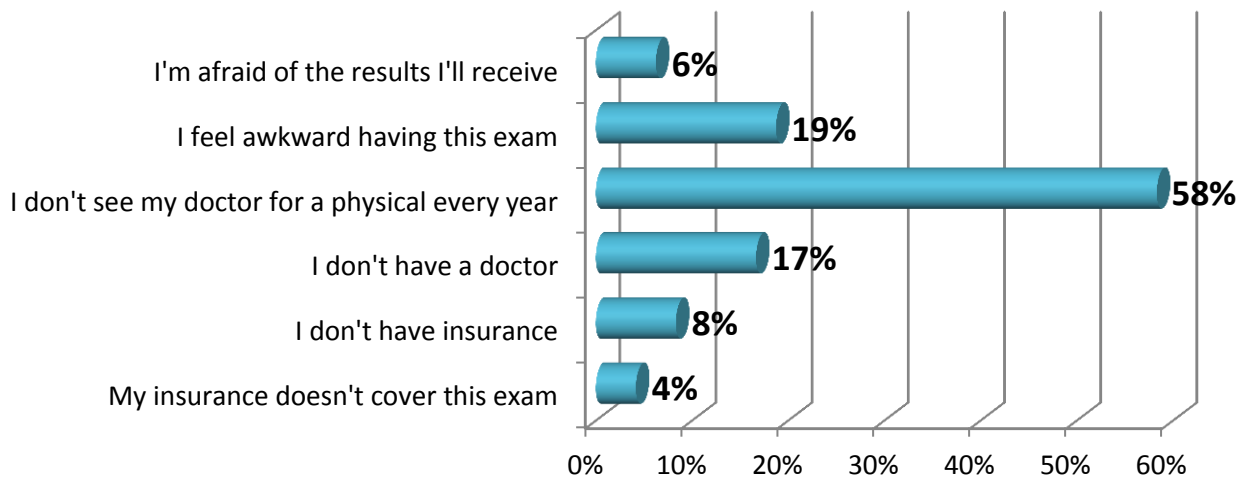
Community: Why has it been more than a year since your last mammogram? Or why have you never received a mammogram? (Select all that apply)



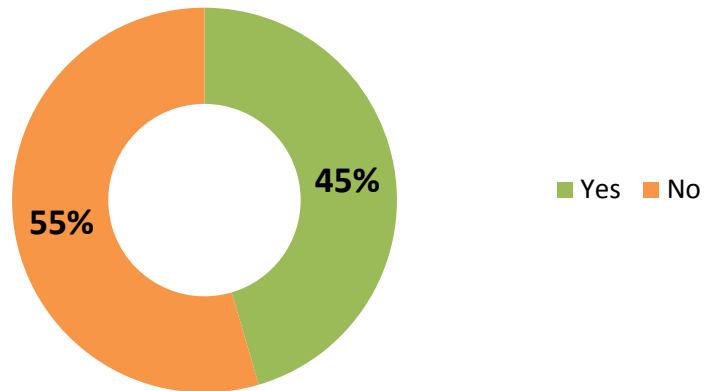
Community: How long has it been since a medical professional has examined you for testicular cancer?



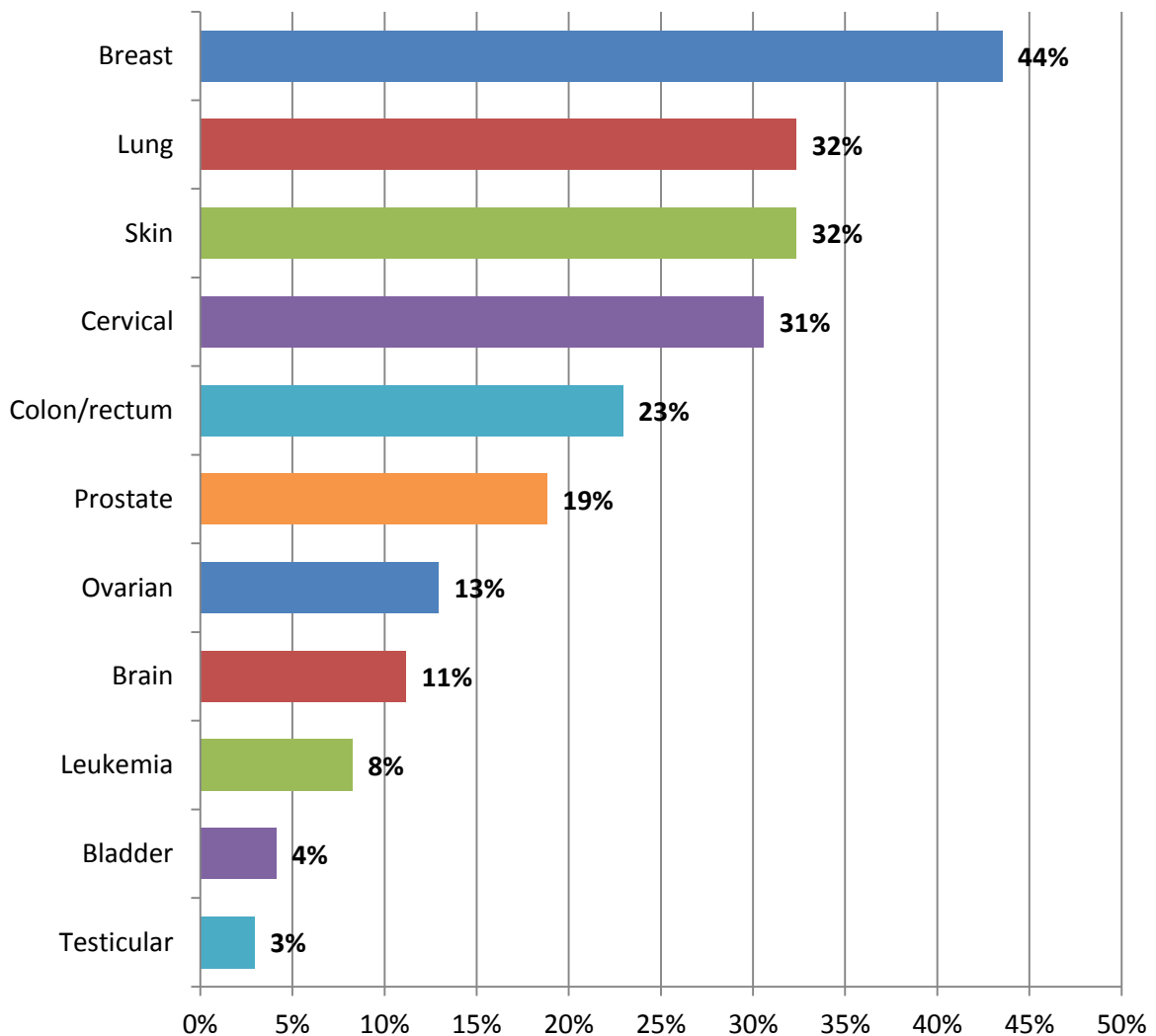
Community: Why has it been more than a year since a medical professional has examined you for testicular cancer? Or why have you never been examined for testicular cancer?
(Select all that apply)



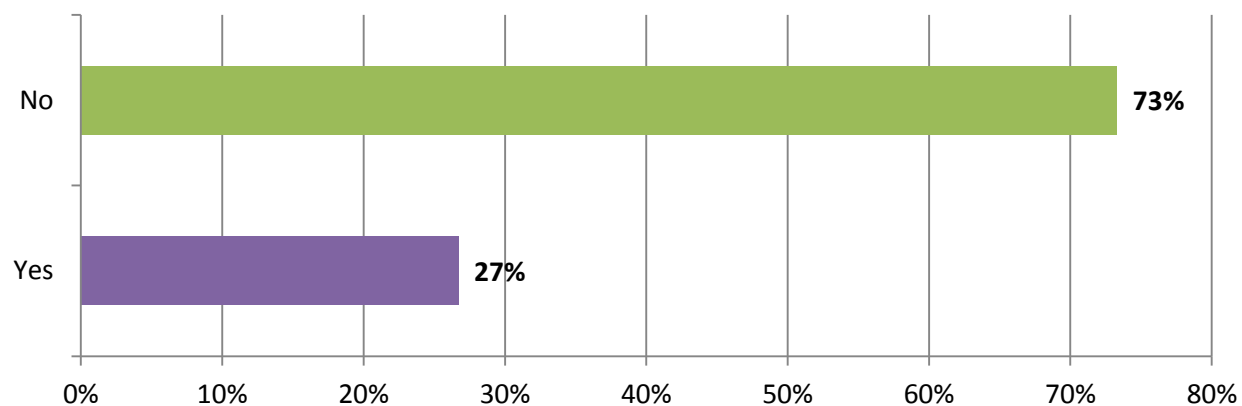
Community: Have you or a family member ever been told by a doctor, nurse, or other health professional that you had/have cancer?



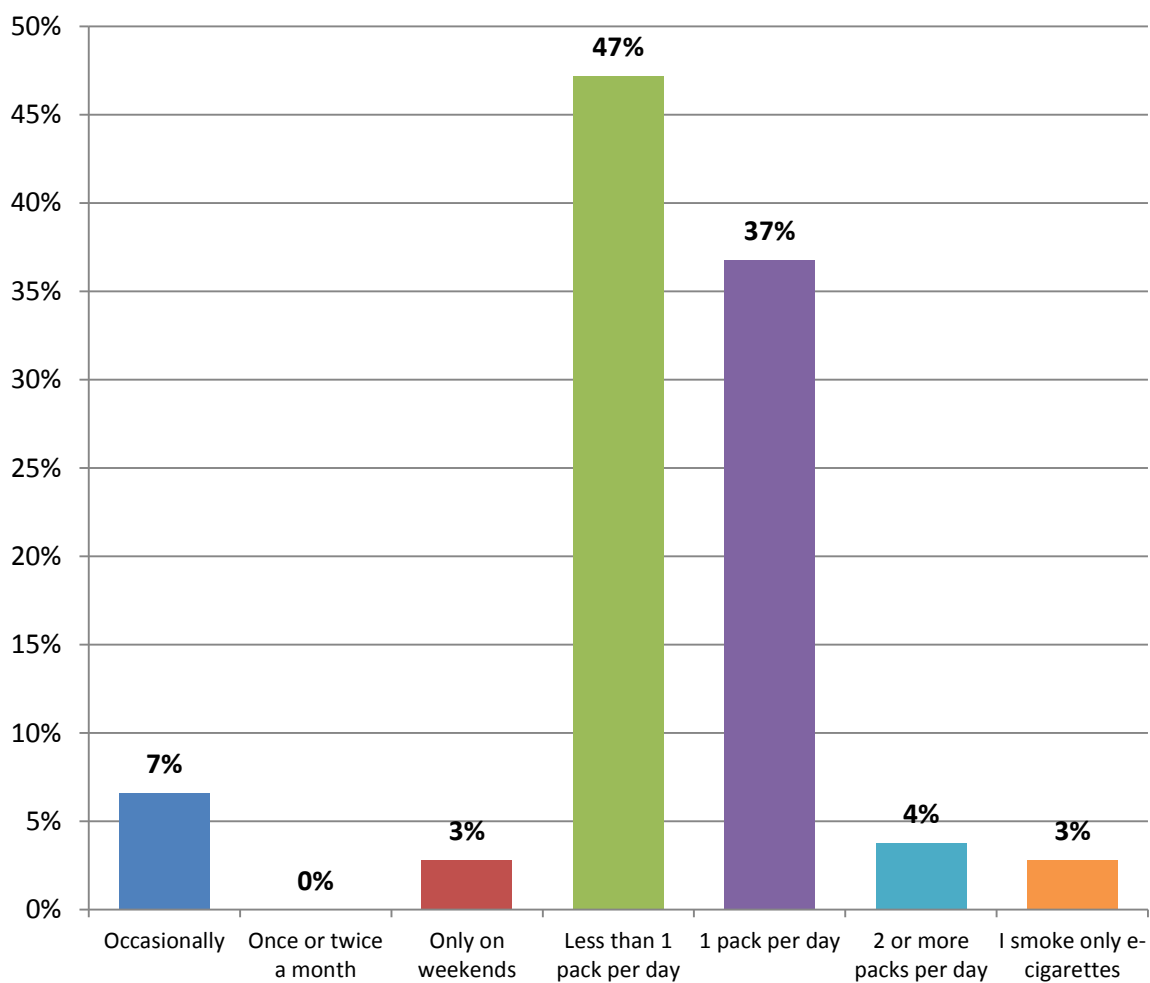
Community: Which type of cancer(s) have you or a family member been diagnosed with?



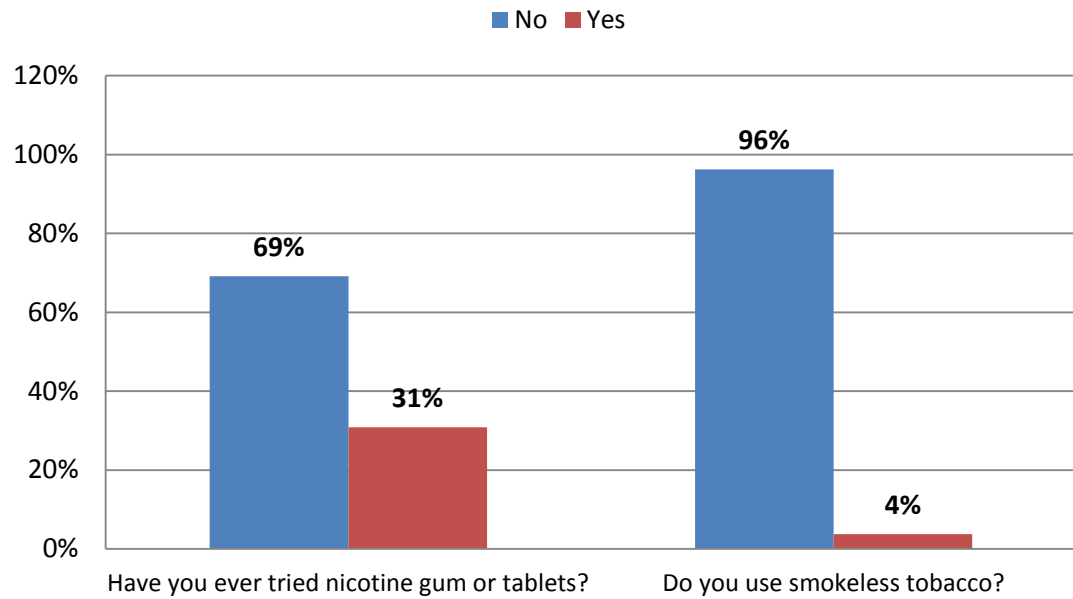
Community: Do you currently smoke (including e-cigarettes)?



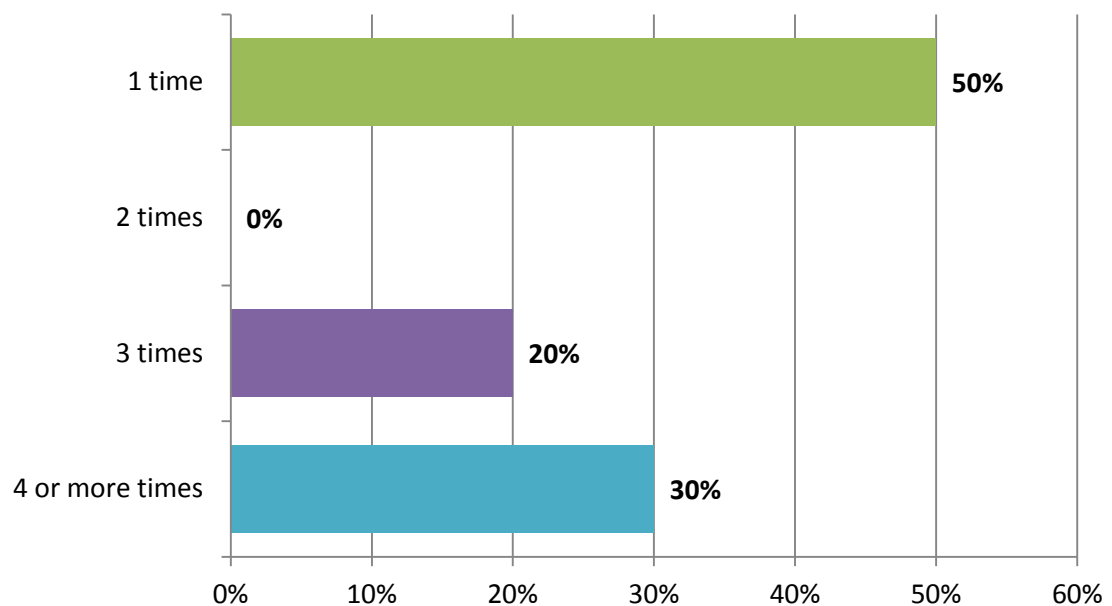
Community: How much do you smoke?



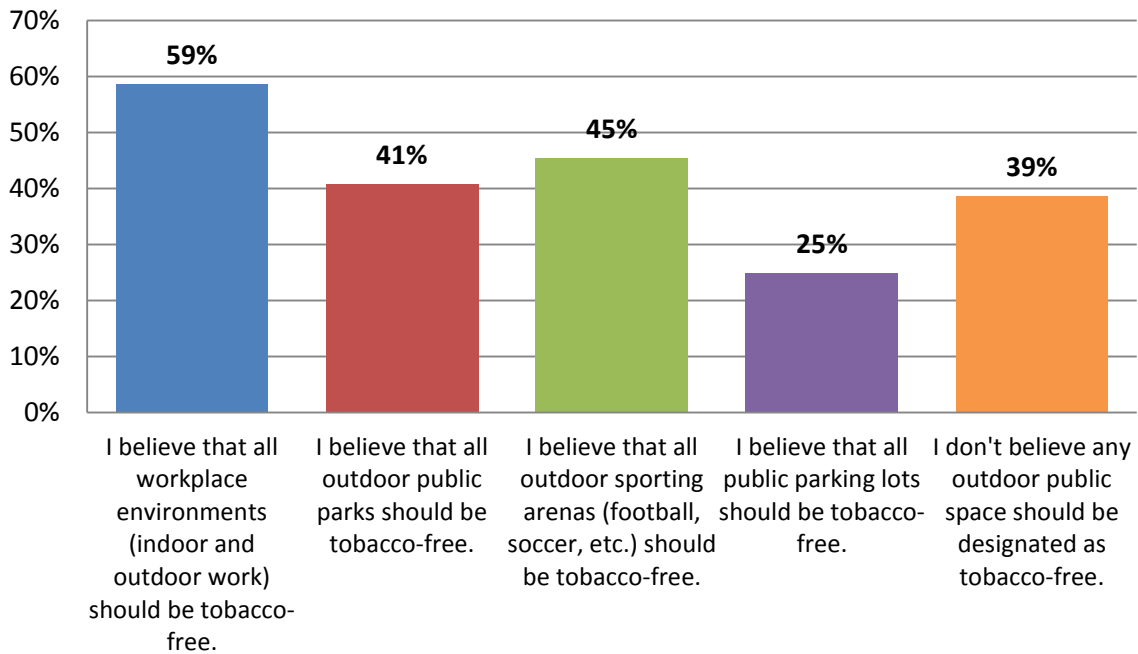
Community: Smoking Alternatives



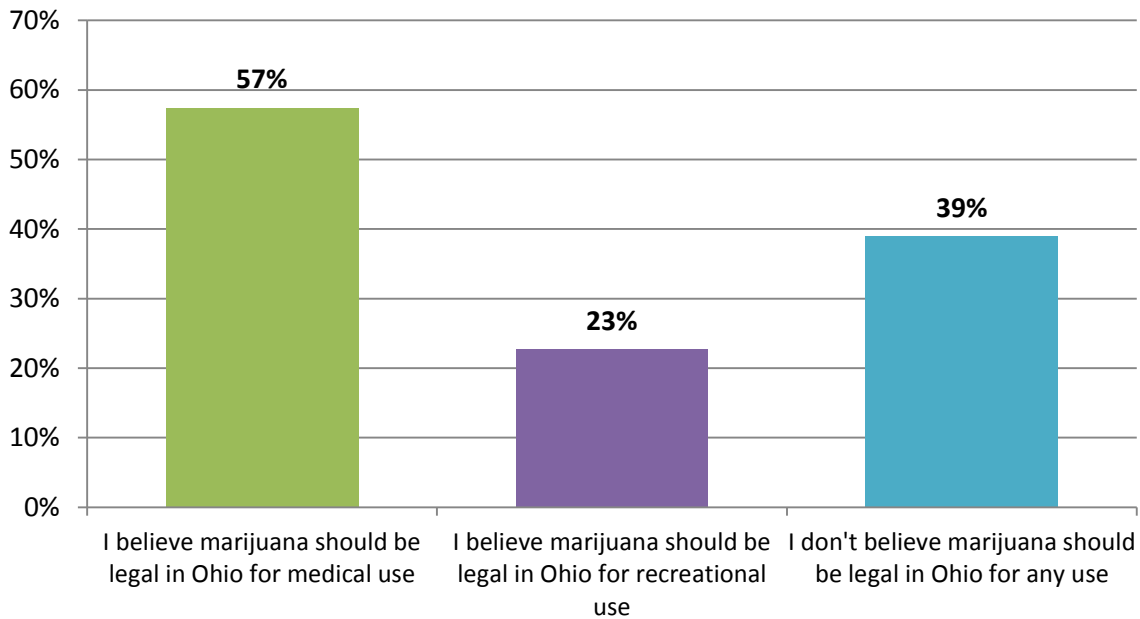
Community: If you use smokeless tobacco, how many times do you use it per day?



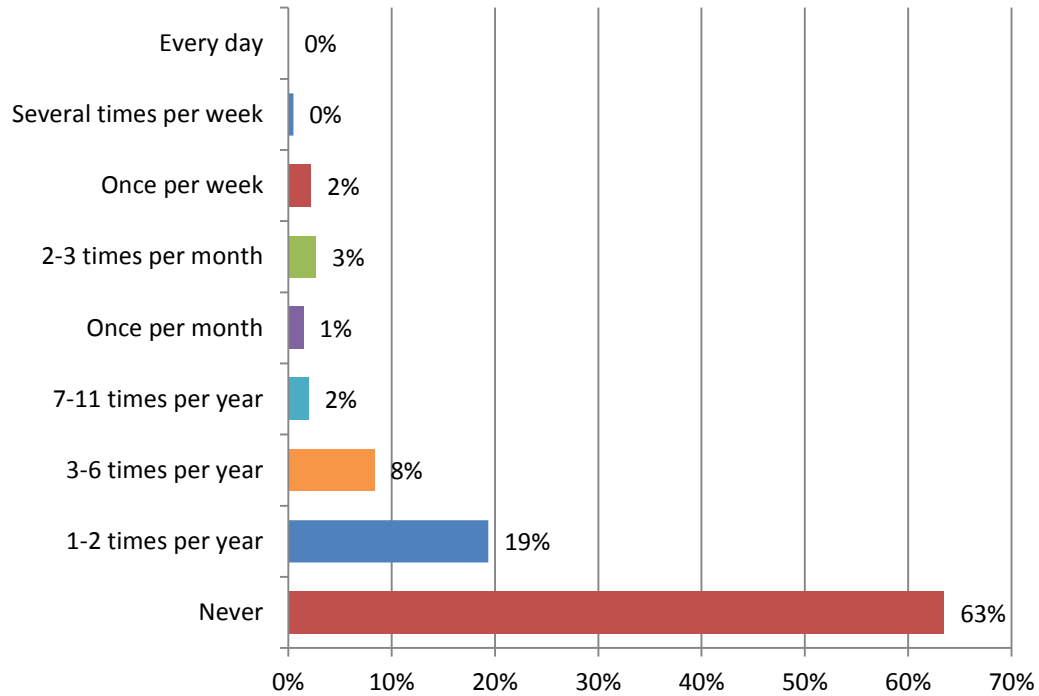
Community: Please select the statements below about requiring a tobacco-free environment. (Select all that apply.)



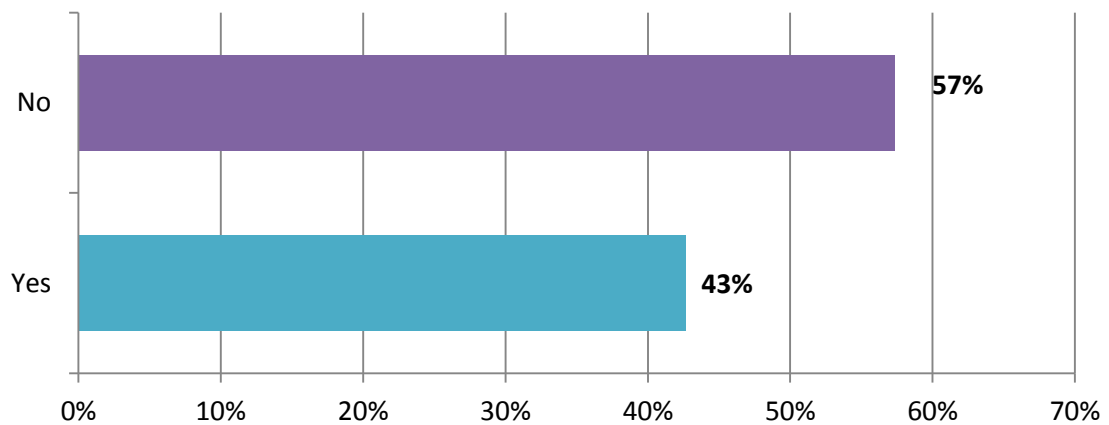
Community: Please select the statement(s) below that reflect your opinion about marijuana use: (Select all that apply)



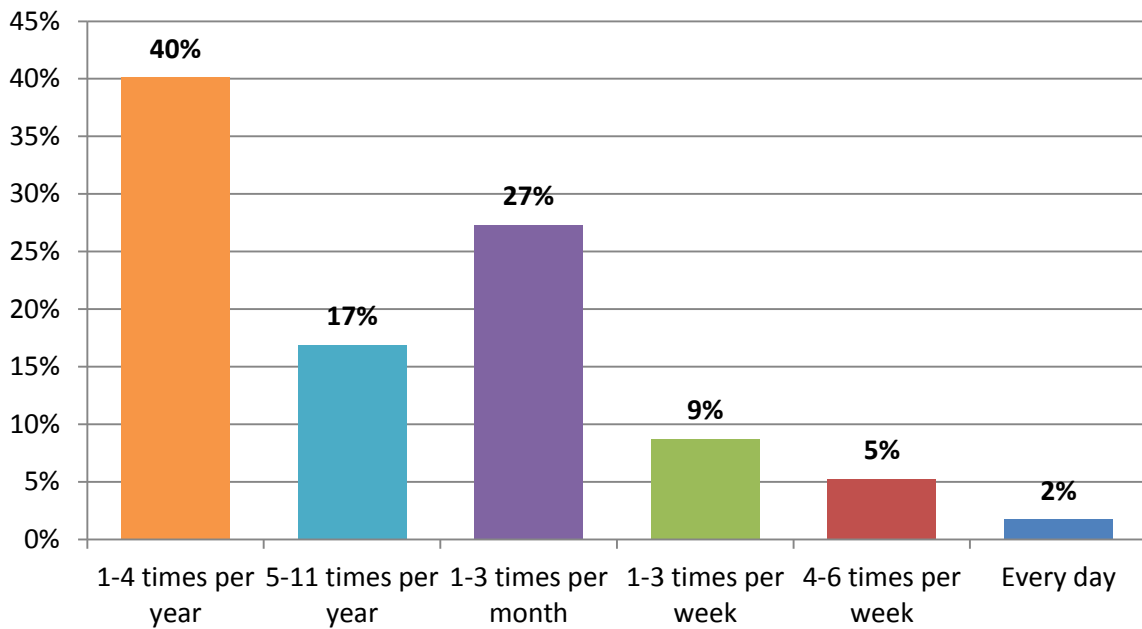
Community: How often do you gamble? Gambling includes purchasing lottery tickets, bingo, casino gambling, slot machines, online gambling, etc.



Community: Do you drink alcohol?



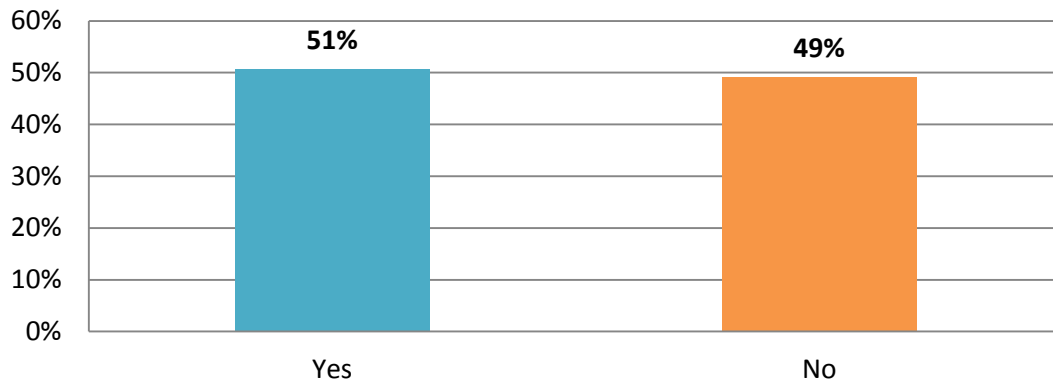
Community: How often do you typically drink alcohol?



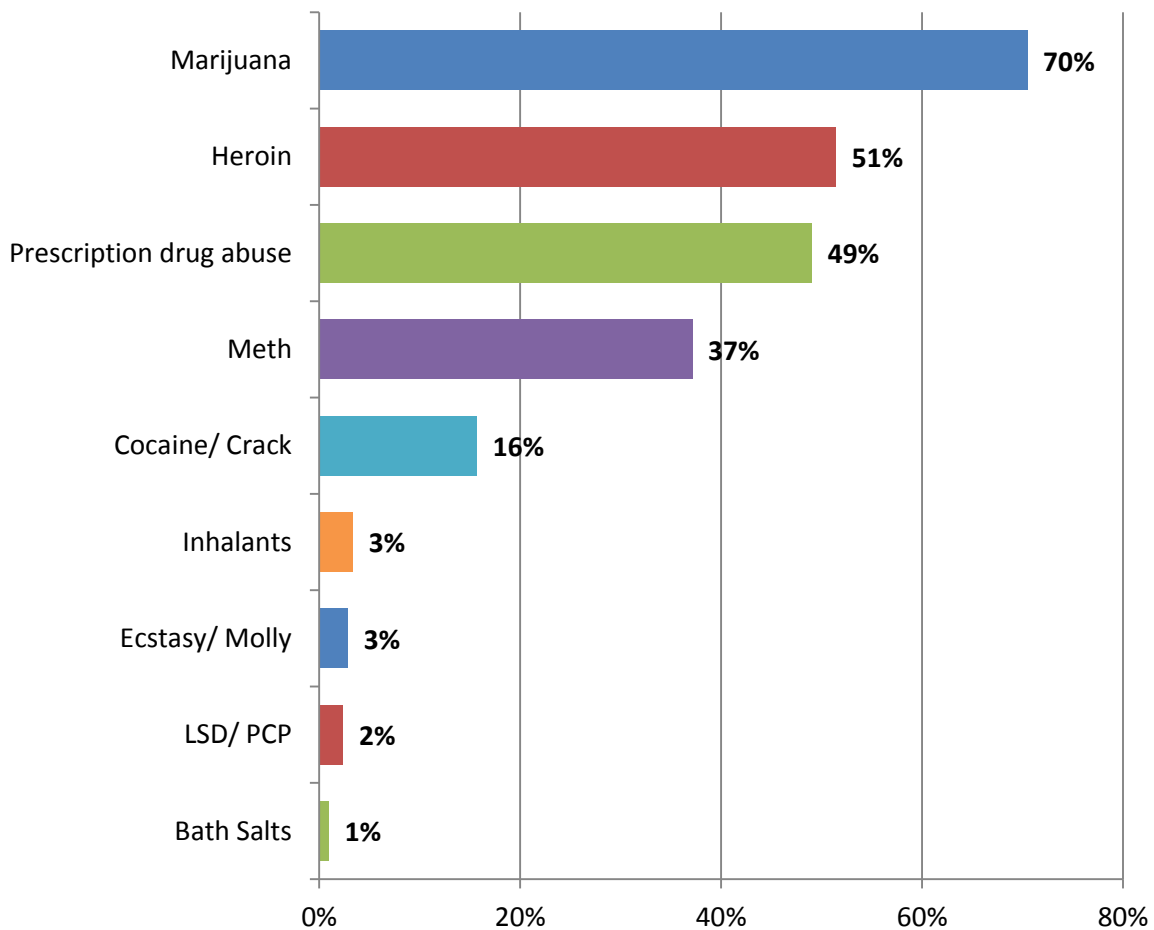
Community: Please select any consequences you have experienced as a result of your drinking (Select all that apply)

Answer Choices:	Responses
I have not experienced any consequences due to alcohol consumption	92%
I have been charged with a DUI or a DWI	6%
I have been involved in a car accident while under the influence of alcohol	1%
I have been accused of or charged with violence against others while under the influence of alcohol	1%
I have been reprimanded at work or lost my job because of alcohol use	0%
I have experiences health issues as a result of drinking alcohol (liver disease, etc.)	1%
I have been or am currently in an alcohol/drug treatment program (such as AA, etc.)	0%
I am a recovering alcoholic	0%
I believe that I have a problem with alcohol, but have not sought treatment	2%

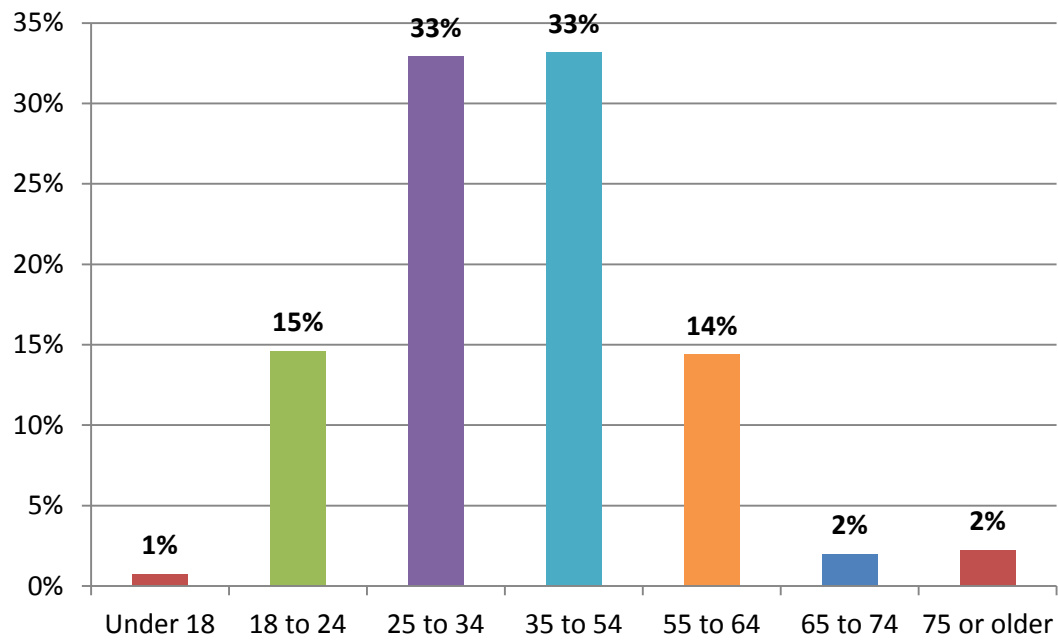
Community: Do you know anyone who takes illegal drugs?



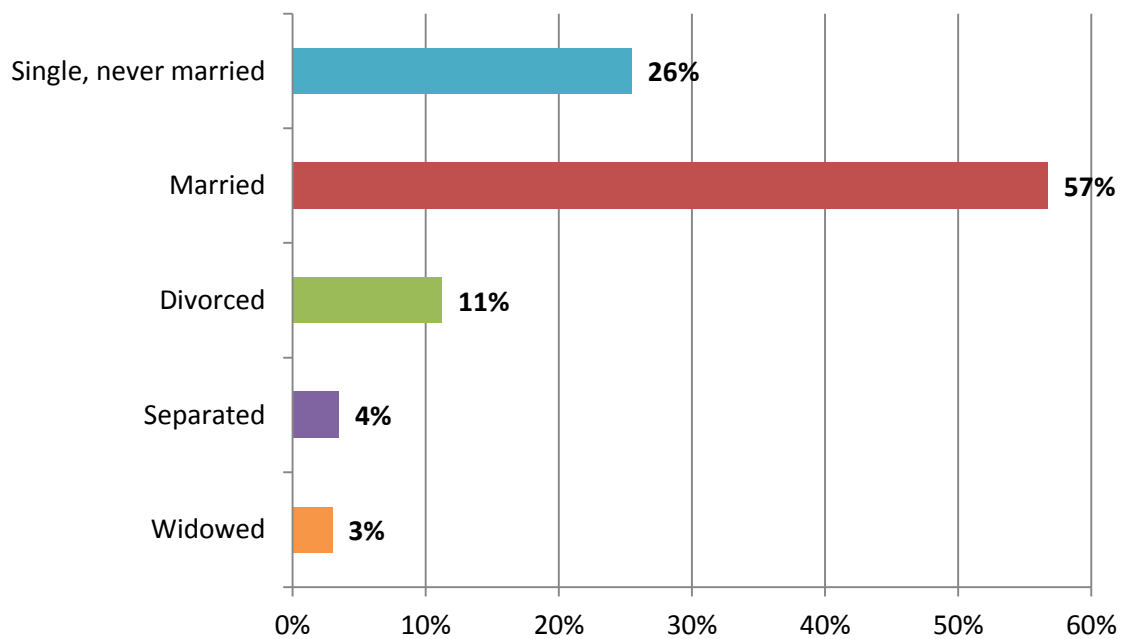
Community: What type of illegal drug(s) do they use?

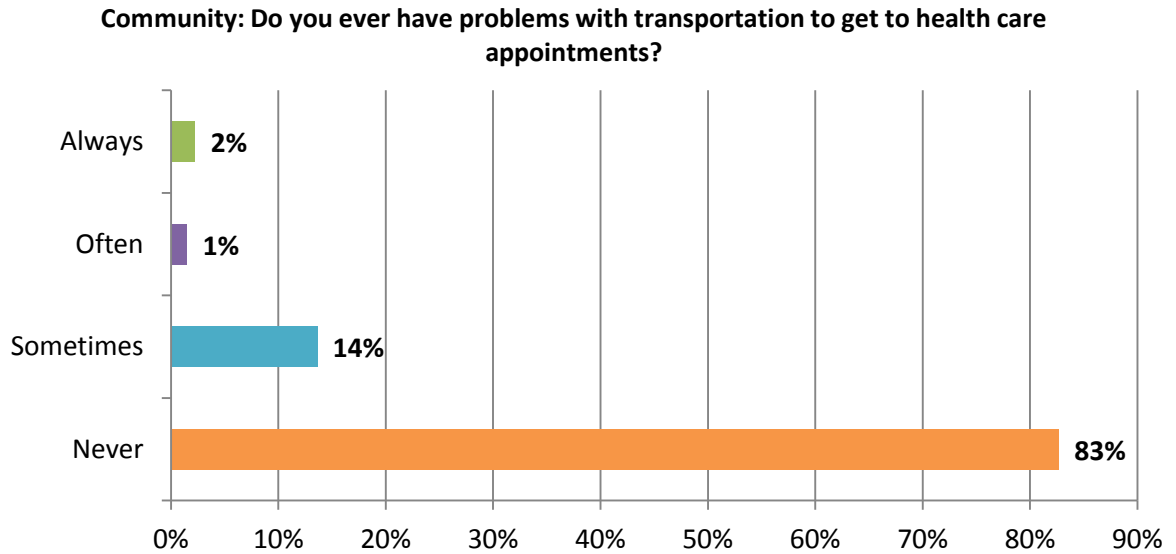
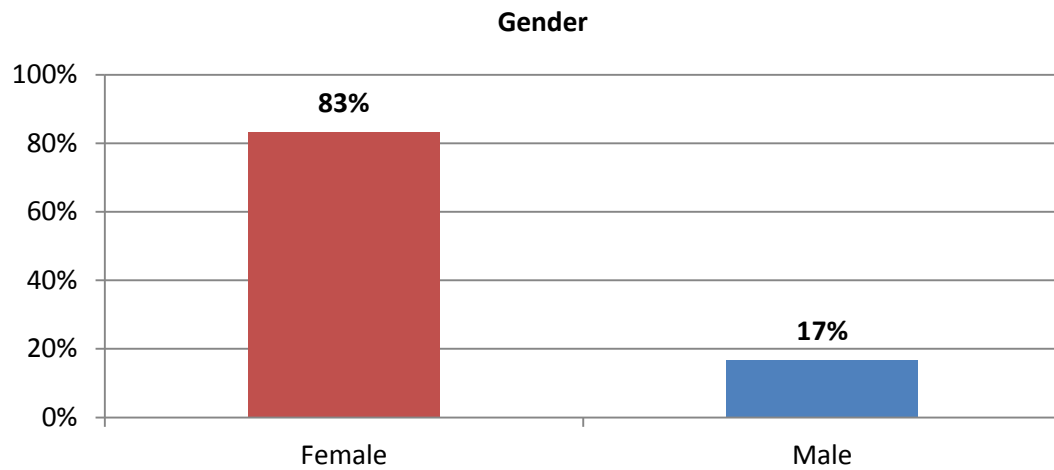


Community: Your age range?

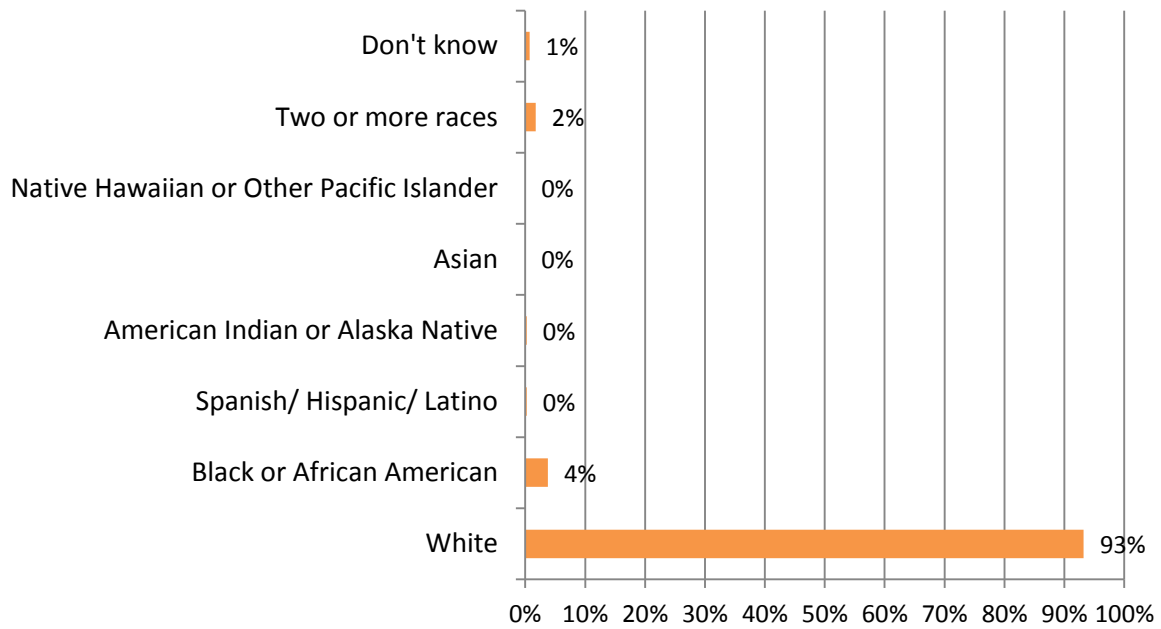


Community: What is your marital status?

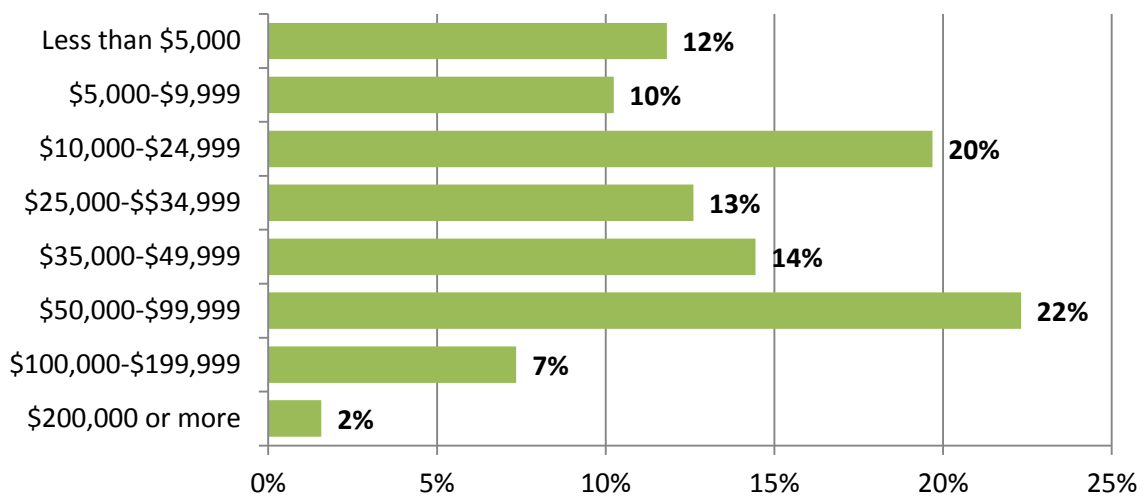




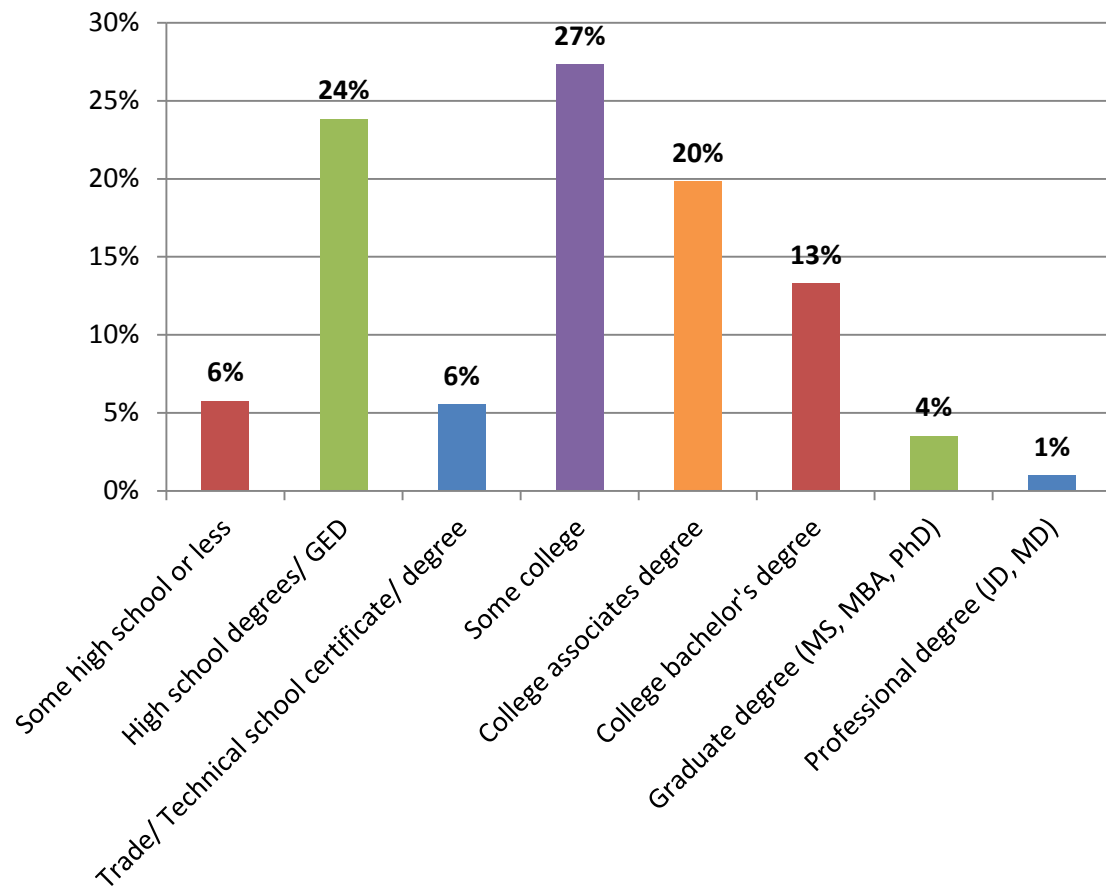
Community: Your race or ethnicity?



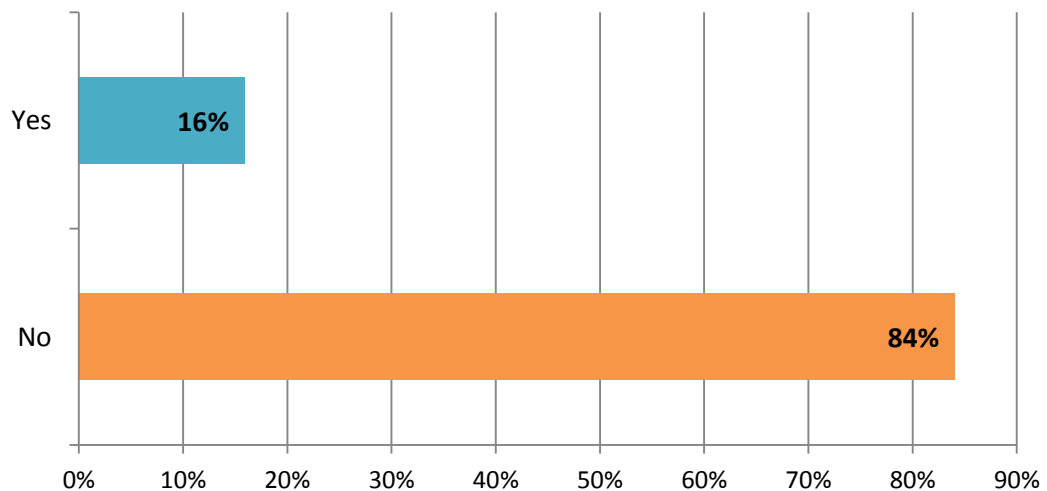
Community: Counting income from all sources (jobs, unemployment, pension, public assistance, etc.) what is your total household income (income from everyone in your home)?



Community: What is the highest level of education you have completed?



Community: Do you weight more than 250 pounds?



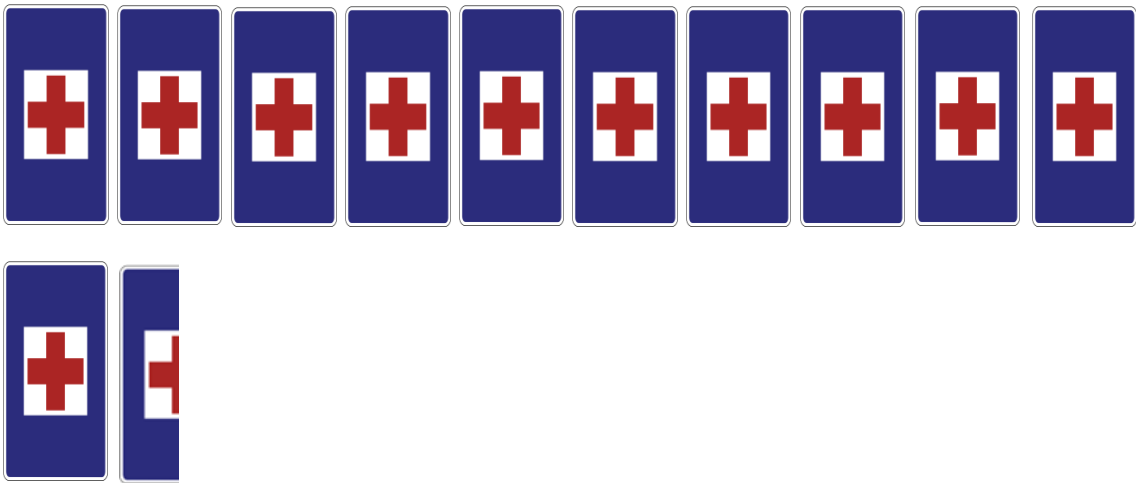
Highland County Community Health Report

**Highland County Health
Professionals Survey
HCHPS**

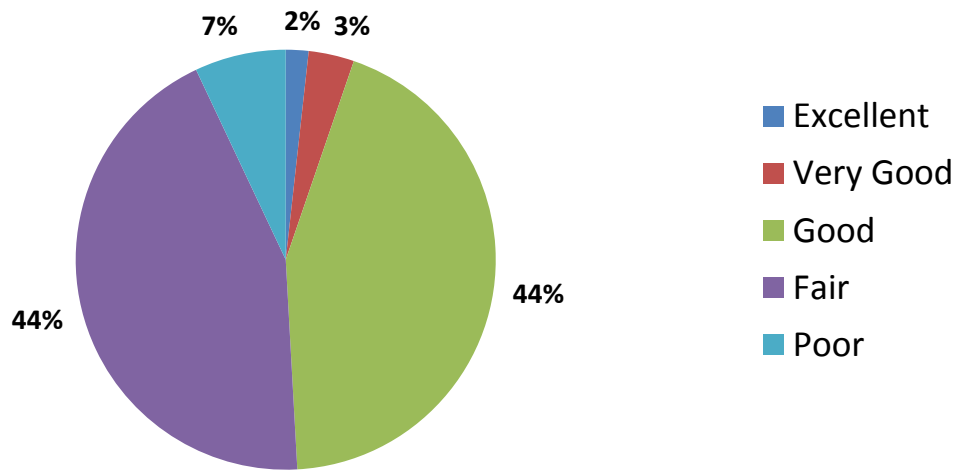
Summary of Responses

2015 Highland County Health Professionals Survey Summary

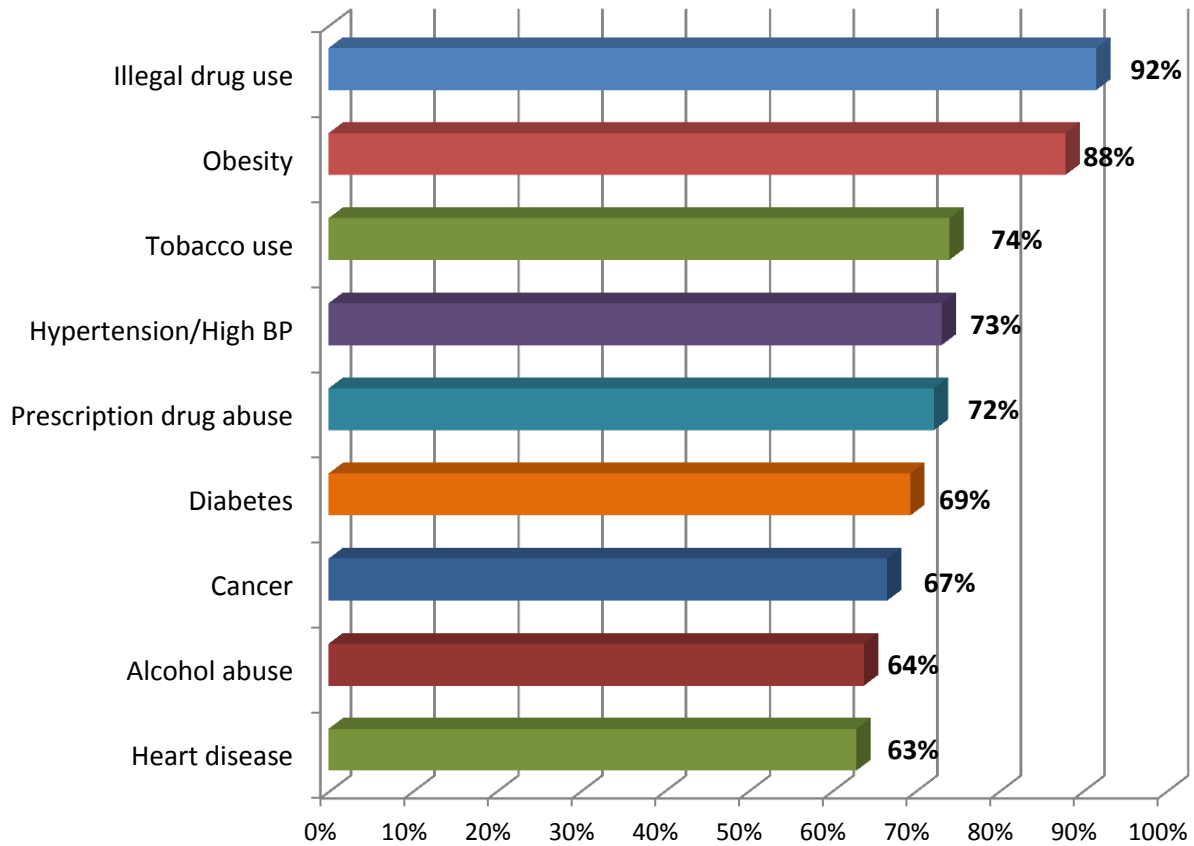
114 Health Professionals Responding to Survey



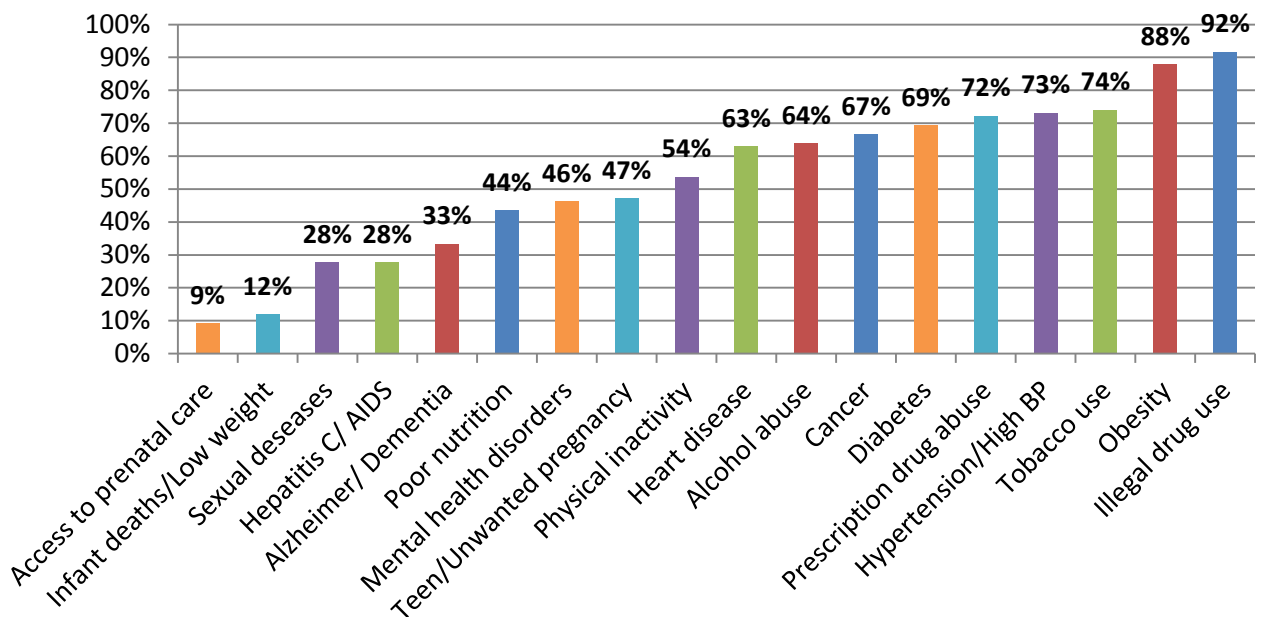
Health professionals: Generally, how would you describe the overall health of individuals in Highland County?



Health professionals: Top health issues you consider to be a problem in Highland County.

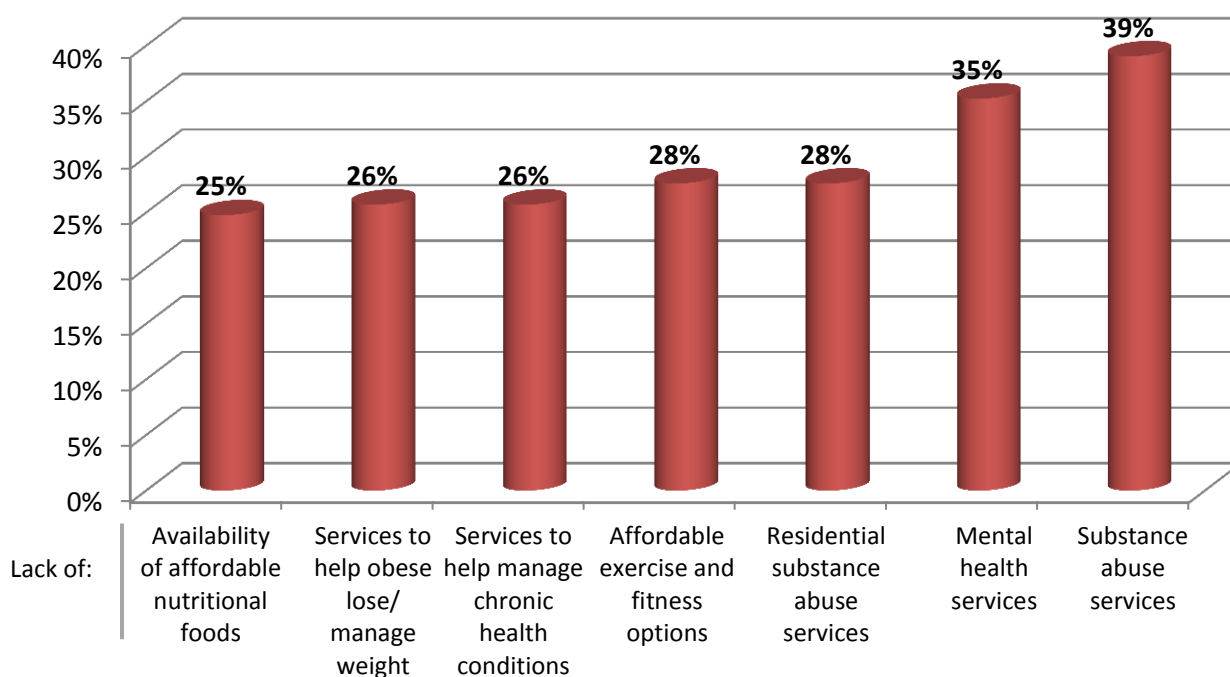


All health issues responses (top issues listed above)

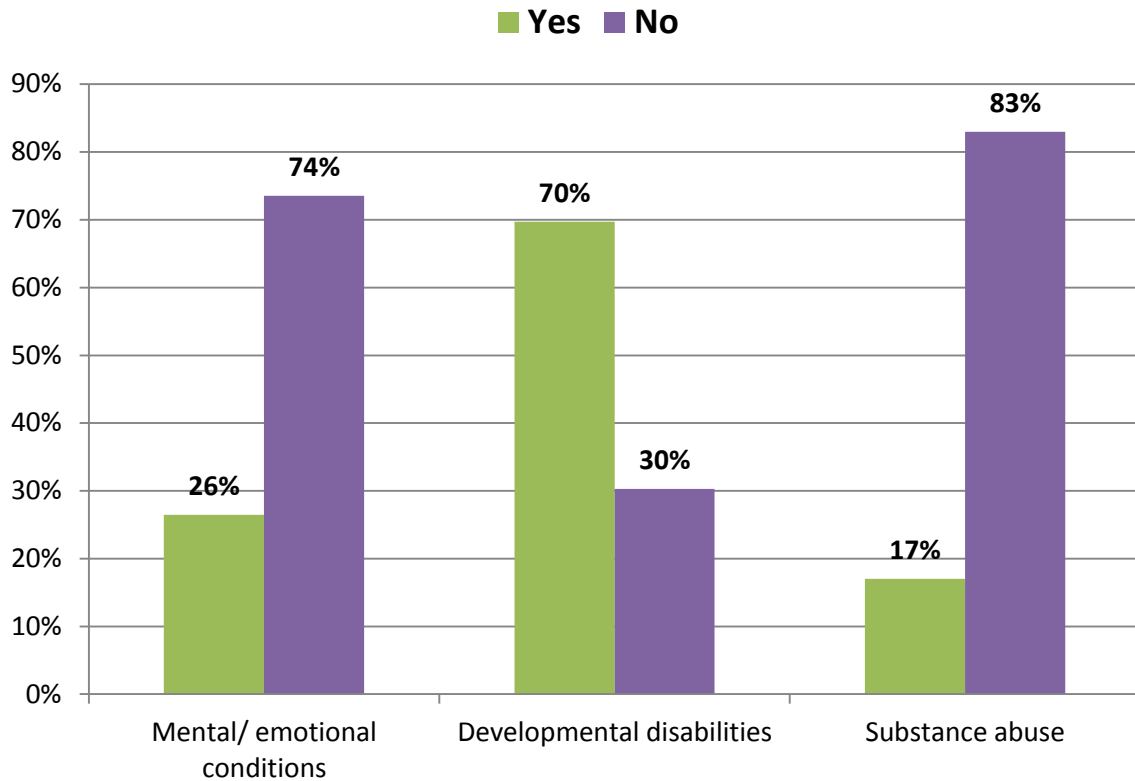


All concerns that impact health responses (top concerns listed above):	Percentage
Lack of substance abuse services	39%
Lack of mental health services	35%
Lack of residential substance abuse services	28%
Lack of affordable exercise and fitness options	28%
Lack of services to help people manage chronic health conditions	26%
Lack of services to help obese people lose and manage their weight	26%
Lack of availability of affordable nutritional foods	25%
Lack of services to help people understand and practice good nutrition	23%
Lack of information about managing chronic health conditions (like diabetes, high blood pressure, etc.)	19%
Lack of residential mental health treatment	14%
Lack of services and programs designed to help people stop smoking or using other forms of tobacco	12%
Lack of affordable contraceptive and prenatal health services	9%
Lack of services in relation to hepatitis	4%
Lack of access to prenatal care	2%

Health professionals: Top concerns that impact health.



Health professionals: Do you feel that Highland County has the necessary resources to manage: mental/ emotional conditions, developmental disabilities, and substance abuse?



What additional resources would be helpful to manage mental/ emotional conditions?

Summary of additional resources responses
More providers, counselors, psychiatrists, social workers
More facilities
Specialized services: parenting classes, inpatient treatment, pediatric, teens, young adult services, sexual assault examiner, treatment for broader spectrum of disorders (adult ADHD, Alzheimers, etc.), staff on call options
More funding, other payment options: increased funding, more options for private insurance, affordable services, no cost options

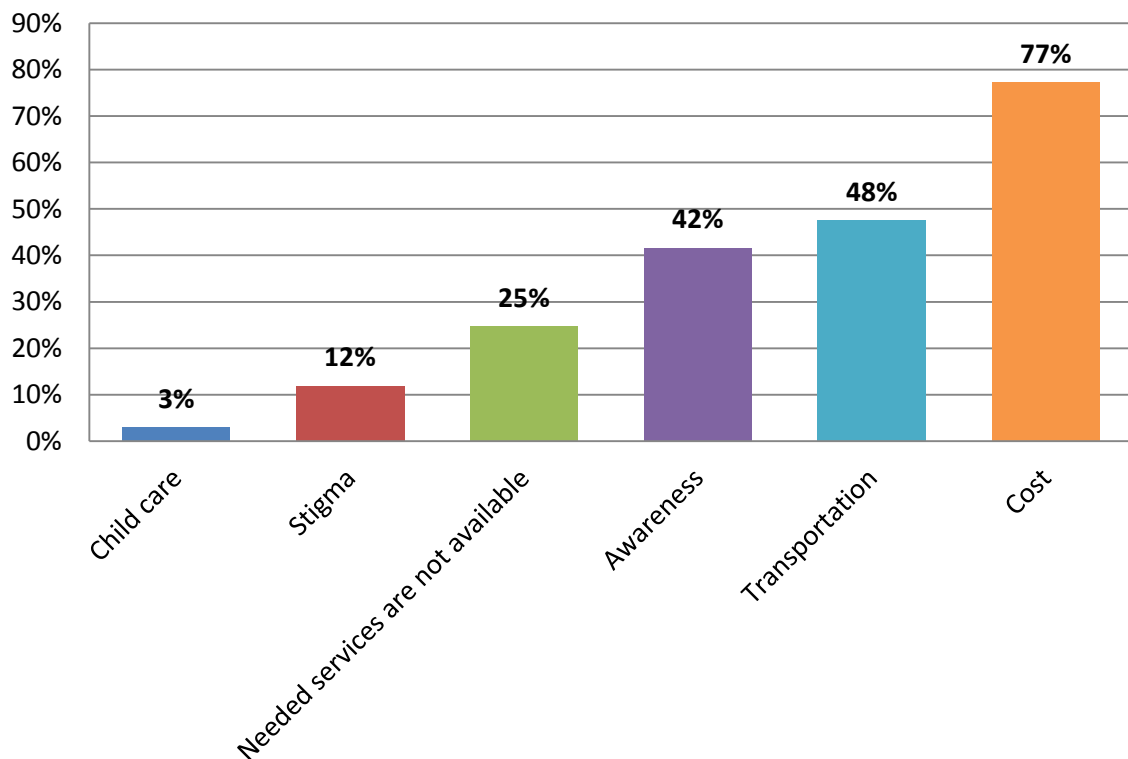
What additional resources would be helpful to manage developmental disabilities?

Summary of additional resources responses
More specialists (intervention), therapists, support staff
More services for children
More funding, affordable options, services for those not receiving assistance benefits
Services accountability measure

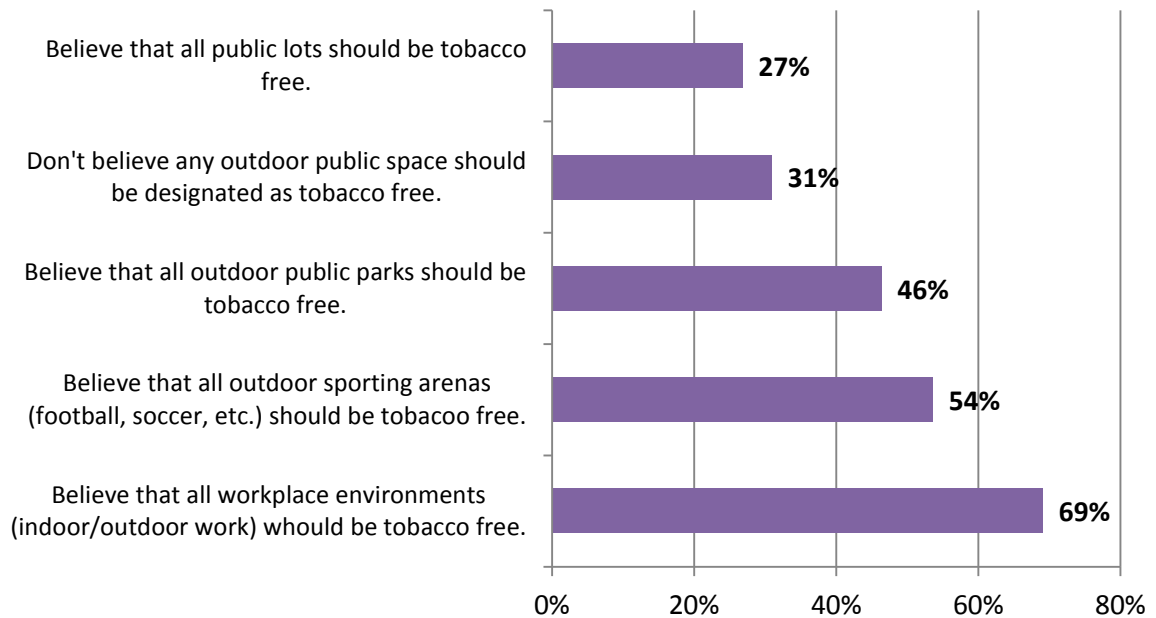
What additional resources would be helpful to manage substance abuse?

Summary of additional resources responses
More inpatient treatment centers
More in county programs for youth
Education in schools
Local services for those not on assistance
Transportation

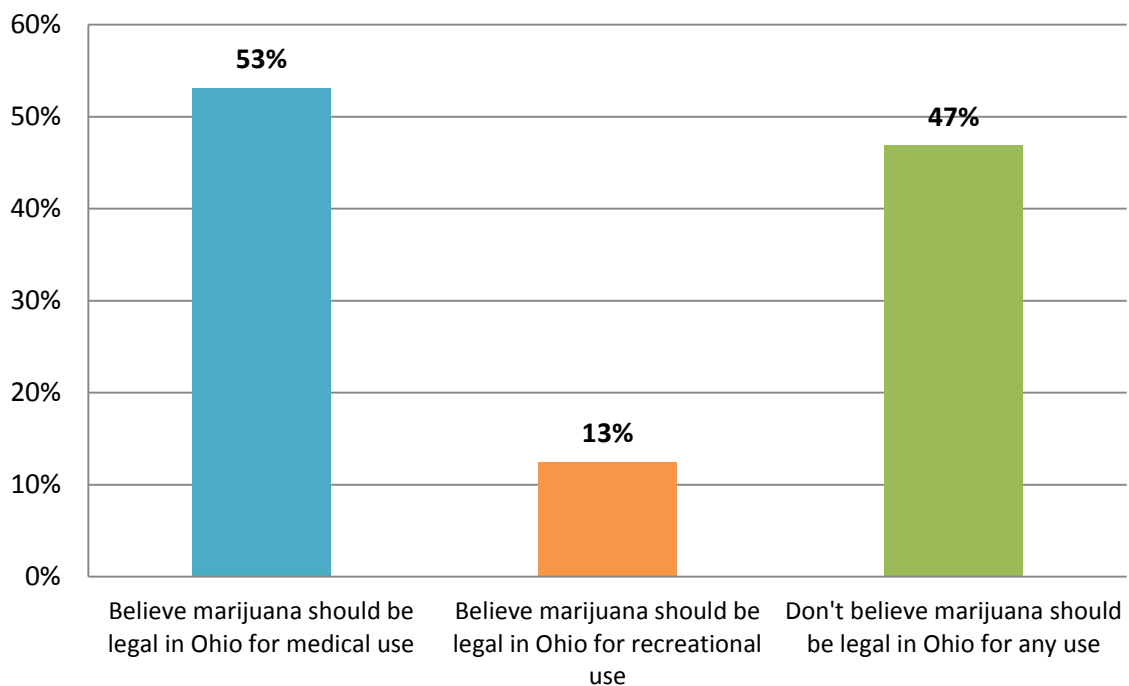
Health professionals: Top barriers to receiving health care services.



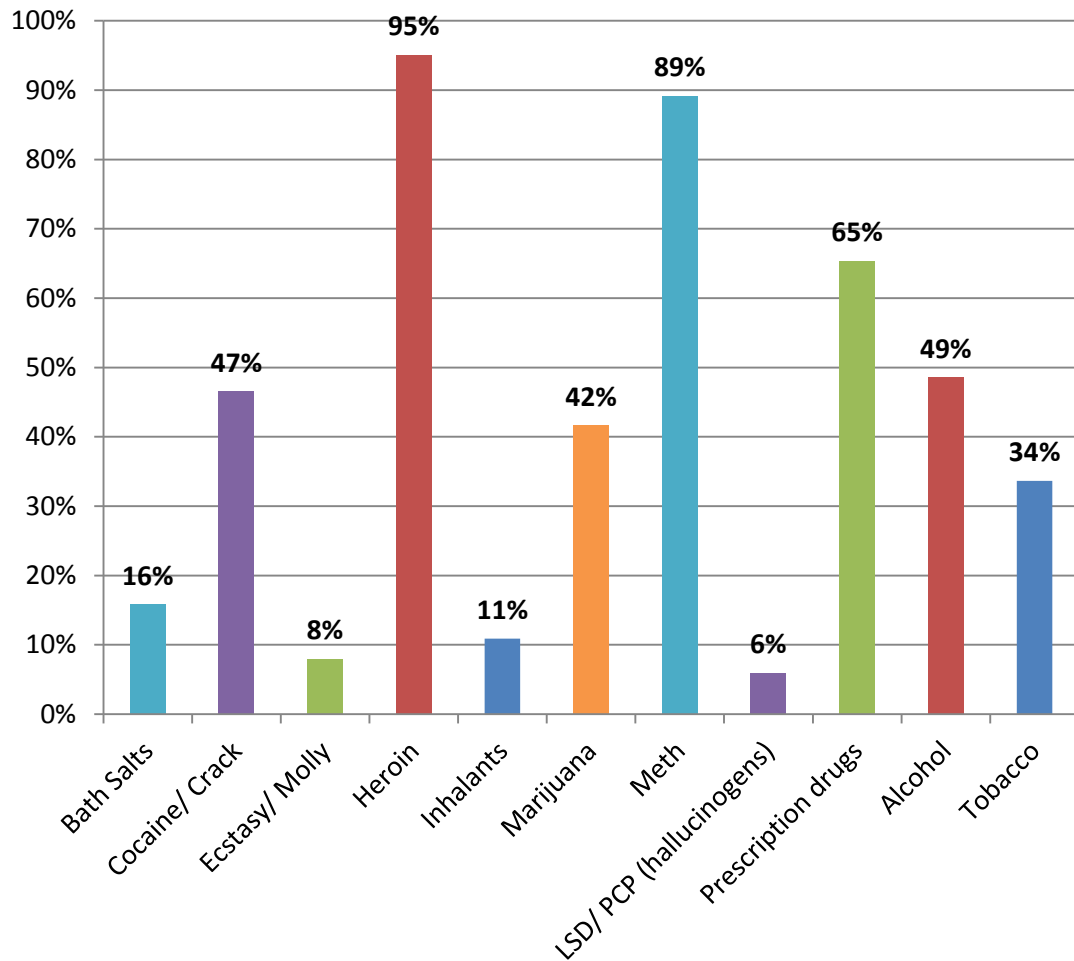
Health professionals: Responses to tobacco-free environment.



Health professionals: Opinions about marijuana use.

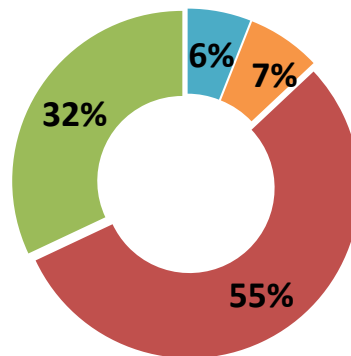


Health professionals: Which of the following substance use/abuse most concerns you in your community? Select all that apply:



Health professionals: Do your clients or patients ever express problems with transportation to get to health care appointments?

■ Always ■ Never ■ Sometimes ■ Often



Data & Statistical Resources

Appalachian Data Portal: Health Landscape

<http://www.healthlandscape.org/AppalachiaDataPortal/map.cfm>

Centers for Disease Control

http://www.cdc.gov/physicalactivity/downloads/pa_state_indicator_report_2014.pdf

County Health Rankings & Roadmaps: Building a Culture of Health, County by County

<http://www.countyhealthrankings.org/app/ohio/2016/rankings/highland/county/factors/overall/snapshot>

Highland County: The Health of our Community (Greater Cincinnati Community Health Status Survey)

https://www.interactforhealth.org/upl/Highland_County_The_Health_of_Our_Community.pdf

Ohio Department of Health

<http://www.healthy.ohio.gov/~media/ODH/ASSETS/Files/opi/cancer%20incidence%20surveillance%20system%20ociss/highland.pdf>

Ohio Department of Jobs and Family Services

<https://ifs.ohio.gov/county/cntypro/pdf13/Appalachian.stm>

<http://jfs.ohio.gov/County/cntypro/pdf13/Highland.stm>

<http://jfs.ohio.gov/pams/Reports/PAMS2015-12.stm>

<http://ohiolmi.com/laus/Ranking.pdf>

Ohio Development Services Agency

<https://www.development.ohio.gov/files/research/p7005.pdf>

U.S. Census

<http://www.census.gov/quickfacts/table/PST045215/39071>

<http://www.census.gov/search-results.html?q=highland+county+ohio+income+distribution&search.x=0&search.y=0&search=su bmit&page=1&stateGeo=none&searchtype=web>