

# Kentucky Area Development District (ADD) Profiles

## Kentucky Behavioral Risk Factor Survey (KyBRFS)

Data Source: Kentucky Behavioral Risk Factor Survey 2019 – 2020

# 2021



**Kentucky Public Health**  
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**Area Development District (ADD) Profiles  
Kentucky Behavioral Risk Factor Survey (KyBRFS)**

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## **Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)**

### **Executive Summary**

The Behavioral Risk Factor Surveillance System (BRFSS) is a telephone health survey co-sponsored by the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health. The survey is randomly administered to non-institutionalized civilian adults 18 years old or older who are living in a household with a telephone. Personal identifying information, such as name or address, is not collected. In Kentucky the BRFSS program is referred to as KyBRFS (Kentucky Behavioral Risk Factor Survey).

The following report consists of data collected by the KyBRFS program and contractor for the calendar years 2019 and 2020. The objective is to collect uniform, Kentucky specific data on preventive health practices and risk behaviors as reported by individual survey participants that are linked to chronic diseases, injuries and preventable infectious diseases that affect the adult population.

The CDC publishes the BRFSS data collected by each state on their website. This website has data at state level but not at sub-state level. In most cases, each state constitutes of a single stratum. However, to provide adequate sample sizes for smaller geographically defined populations of interest, some states sample disproportionately from strata defined by sub-state regions. Kentucky collects data normally stratified by fourteen sub-state regions also known as Area Development Districts (ADDs). Changes had to be made in the sample design strata for calendar years 2019 and 2020, since the minimum requirement of 500 respondents in each ADD was not met. A minimum of 500 respondents in a stratum is required to conduct appropriate weighting of the ADD. In this report, we have merged data from two calendar years 2019 and 2020 and re-weighted the data by year and by ADD.

The ADD level data is not available on the CDC website. The main purpose of this document is to provide data to the Area Development Districts so the local health departments and other groups can use this data for strategic planning and prioritize program management. This data can be used to identify emerging health problems, establish and track health objectives and develop and evaluate public health policies and programs. It can also be used to support health-related legislative efforts. The program hopes that this report will be useful in assisting the districts in identifying the health needs within their region.

*The 2011 KyBRFS data reflects the addition of cellphone only respondents and a change in weighting methodology (raking replaces post-stratification). Due to these significant changes, the 2019-2020 KyBRFS data should only be compared to 2011 - 2018 KyBRFS data. It is not directly comparable to KyBRFS data collected before 2011. Comparing 2019-2020 KyBRFS data with KyBRFS data from years prior to 2011 may cause misinterpretation of trend line shifts in prevalence estimates.*

## Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)

### Introduction

The Behavioral Risk Factor Surveillance System (BRFSS) is a cross-sectional telephone health survey jointly sponsored by the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health (KDPH). The survey is randomly administered to non-institutionalized civilian adults aged 18 or older living in a household. Participation in the survey is strictly voluntary. Personal identifying information, such as a person's name or address, is not collected. The BRFSS is a nationwide surveillance tool. In Kentucky the BRFSS program is referred to as KyBRFS (Kentucky Behavioral Risk Factor Survey) and it has been conducted continuously since 1985.

This document presents a data profile of each Area Development District (ADD) based on prevalence data collected from the 2019 and 2020 KyBRFS. Kentucky has 120 Counties that are divided into 15 ADDs for the planning of a variety of programs. Data for this report are analyzed by 14 ADDs - Buffalo Trace and Gateway had to be combined to get a statistically reliable sample of 500 completes. Statewide and nationwide prevalence estimates have been included for comparison.

Counties in each ADD	
<b>Barren River:</b>	Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
<b>Big Sandy:</b>	Breathitt, Floyd, Johnson, Magoffin, Pike
<b>Bluegrass:</b>	Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford
<b>Buffalo Trace/Gateway:</b>	Bath, Bracken, Fleming, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan
<b>Cumberland Valley:</b>	Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
<b>FIVCO :</b>	Boyd, Carter, Elliott, Greenup, Lawrence, Martin
<b>Green River:</b>	Daviess, Hancock, Henderson, Livingston, McLean, Ohio, Union, Webster
<b>Kentucky River:</b>	Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
<b>KIPDA:</b>	Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
<b>Lake Cumberland:</b>	Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
<b>Lincoln Trail:</b>	Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
<b>Northern Kentucky:</b>	Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
<b>Pennyrile:</b>	Caldwell, Christian, Crittenden, Hopkins, Muhlenberg, Todd, Trigg
<b>Purchase:</b>	Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, Lyon, McCracken, Marshall

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## Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)

List of Variables	Nationwide* (States and DC)	Kentucky	
	Median %	%	95% CI
<b>Alcohol Consumption</b>			
Adults who reported heavy drinking	6.6	6.4	(5.7 – 7.1)
Adults who reported binge drinking	16.3	14.9	(13.9 – 15.9)
<b>Arthritis</b>			
Adults who have arthritis	25.3	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>			
Adults who have ever had a heart attack	4.3	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	4.0	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	3.0	4.8	(4.3 – 5.3)
<b>Depression</b>			
Adults who have ever been diagnosed with a depressive disorder	19.8	24.9	(23.8 – 26.1)
<b>Diabetes</b>			
Adults who have diabetes	10.7	13.2	(12.3 – 14.0)
<b>General Health Status</b>			
Adults who reported good or better health	84.4	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>			
Adults who have health care coverage	89.2	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	86.6	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>			
Adults who have ever been tested for HIV	38.5	35.2	(33.8 – 36.6)
<b>Immunization</b>			
Adults aged 65+ who had a flu shot in past year	66.0	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	72.8	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>			
Adults who are overweight (BMI = 25.0 – 29.9)	34.9	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	32.0	36.5	(35.2 – 37.8)
<b>Physical Activity</b>			
Adults who participate in any physical activity	75.7	68.3	(67.1 – 69.6)
<b>Quality of Life</b>			
Adults who reported 14+ days of poor physical health in the past 30 days	11.3	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	13.5	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>			
Adults who currently have asthma	9.7	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	6.4	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>			
Adults who are current smokers	15.8	22.5	(21.3 – 23.6)

\*Centers for Disease Control and Prevention (CDC). *Behavioral Risk Factor Surveillance System Survey Data*. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2019-2020]  
Total number of responses in Kentucky, N=11,908

## Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)

Barren River ADD	Barren River		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	3.9	(2.0 – 5.7)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	8.9	(6.2 – 11.5)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	31.9	(27.5 – 36.3)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	8.9	(6.0 – 11.7)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	7.0	(4.6 – 9.4)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	4.3	(2.4 – 6.2)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	24.8	(20.6 – 28.9)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	14.2	(11.0 – 17.4)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	80.6	(76.9 – 84.2)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	88.9	(84.9 – 93.0)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	86.0	(80.8 – 91.1)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	26.7	(22.3 – 31.1)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	67.0	(58.2 – 75.8)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	70.9	(62.6 – 79.2)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	33.5	(28.8 – 38.1)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	35.1	(30.3 – 39.8)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	68.1	(63.4 – 72.8)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	14.5	(11.2 – 17.8)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	16.9	(13.2 – 20.5)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	10.9	(8.0 – 13.9)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	13.4	(10.1 – 16.8)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	25.7	(21.4 – 30.1)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in Barren River ADD, N=737

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

## Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)

Big Sandy ADD	Big Sandy		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	7.2	(1.8 – 12.5)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	11.0	(5.6 – 16.4)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	48.1	(41.7 – 54.4)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	7.6	(4.7 – 10.4)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	9.8	(6.5 – 13.2)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	7.5	(4.0 – 10.9)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	33.9	(27.5 – 40.4)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	18.4	(13.8 – 23.1)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	63.7	(57.6 – 69.8)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	92.0	(85.9 – 98.1)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	90.1	(82.4 – 97.8)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	33.1	(26.1 – 40.1)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	54.7	(43.7 – 65.7)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	65.3	(54.4 – 76.2)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	35.8	(29.9 – 41.8)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	43.8	(37.1 – 50.4)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	61.7	(55.4 – 68.0)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	27.5	(21.7 – 33.2)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	20.3	(15.1 – 25.4)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	12.6	(8.4 – 16.7)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	22.6	(17.3 – 28.0)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	23.8	(17.6 – 29.9)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in Big Sandy ADD, N=620

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

## Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)

Bluegrass ADD	Bluegrass		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	7.1	(5.2 – 9.0)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	16.4	(13.8 – 19.0)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	29.0	(26.1 – 31.9)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	5.3	(3.9 – 6.7)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	5.8	(4.4 – 7.3)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	4.4	(3.1 – 5.8)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	25.3	(22.4 – 28.2)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	11.0	(9.0 – 13.0)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	82.9	(80.3 – 85.4)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	92.9	(91.1 – 94.8)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	91.4	(89.1 – 93.7)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	34.1	(30.7 – 37.4)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	69.2	(63.6 – 74.9)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	73.6	(68.5 – 78.7)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	33.7	(30.5 – 36.9)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	34.7	(31.4 – 38.0)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	68.6	(65.3 – 71.8)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	12.0	(9.9 – 14.1)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	15.2	(12.8 – 17.6)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	9.7	(7.7 – 11.7)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	8.4	(6.7 – 10.1)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	19.8	(16.9 – 22.6)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in Bluegrass ADD, N=1420

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**



**Area Development District (ADD) Profiles**  
**Kentucky Behavioral Risk Factor Survey (KyBRFS)**

Buffalo Trace and Gateway ADD	Buffalo Trace and Gateway		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	3.7	(1.7 – 5.6)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	10.6	(7.2 – 14.1)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	35.1	(30.3 – 40.0)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	10.5	(7.1 – 13.9)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	7.9	(5.5 – 10.3)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	4.0	(2.2 – 5.8)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	25.2	(20.5 – 29.8)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	15.1	(11.6 – 18.5)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	72.5	(68.1 – 76.9)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	90.4	(86.1 – 94.8)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	87.6	(82.3 – 92.9)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	28.8	(23.6 – 33.9)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	53.6	(45.1 – 62.1)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	66.3	(57.3 – 75.2)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	35.2	(29.7 – 40.6)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	39.9	(34.5 – 45.3)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	66.3	(61.1 – 71.5)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	16.8	(13.0 – 20.5)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	17.1	(12.9 – 21.3)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	8.1	(5.3 – 10.8)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	13.1	(10.1 – 16.0)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	24.4	(19.7 – 29.0)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in Buffalo Trace and Gateway ADD, N=658

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

## Area Development District (ADD) Profiles

### Kentucky Behavioral Risk Factor Survey (KyBRFS)

Cumberland Valley ADD	Cumberland Valley		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	5.5	(2.3 – 8.6)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	9.8	(5.9 – 13.6)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	43.0	(37.6 – 48.4)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	5.8	(3.8 – 7.9)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	6.6	(3.8 – 9.3)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	5.3	(3.3 – 7.3)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	28.6	(23.5 – 33.7)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	17.7	(13.7 – 21.6)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	64.7	(59.3 – 70.1)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	92.7	(89.6 – 95.8)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	90.9	(86.9 – 94.8)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	32.9	(27.3 – 38.6)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	65.3	(54.7 – 75.9)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	69.9	(58.9 – 80.9)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	31.6	(26.4 – 36.8)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	44.3	(38.5 – 50.1)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	62.4	(56.8 – 68.0)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	22.7	(18.2 – 27.3)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	22.4	(17.6 – 27.2)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	10.2	(6.5 – 13.9)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	14.7	(11.4 – 18.1)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	29.6	(24.1 – 35.0)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
 Total number of responses in Cumberland Valley, ADD, N=642

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

## Area Development District (ADD) Profiles

### Kentucky Behavioral Risk Factor Survey (KyBRFS)

FIVCO ADD	FIVCO		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	6.9	(3.0 – 10.8)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	15.5	(10.5 – 20.5)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	37.7	(32.5 – 42.9)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	9.5	(6.2 – 12.7)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	7.3	(4.8 – 9.8)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	5.5	(3.2 – 7.8)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	26.1	(21.1 – 31.2)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	15.5	(12.0 – 19.1)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	74.8	(70.0 – 79.6)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	89.7	(86.0 – 93.3)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	86.6	(83.5 – 89.6)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	25.9	(20.6 – 31.3)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	61.6	(51.6 – 71.6)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	74.0	(64.9 – 83.1)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	34.0	(28.9 – 39.2)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	39.6	(33.6 – 45.6)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	67.3	(61.9 – 72.8)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	19.0	(14.7 – 23.2)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	18.9	(14.4 – 23.3)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	14.6	(10.0 – 19.3)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	14.2	(10.7 – 17.6)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	26.7	(21.4 – 32.0)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
 Total number of responses in FIVCO, ADD, N=654

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

## Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)

Green River ADD	Green River		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	7.0	(4.4 – 9.7)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	15.6	(11.7 – 19.6)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	31.2	(26.7 – 35.7)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	6.3	(4.3 – 8.4)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	5.5	(3.4 – 7.6)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	5.1	(3.0 – 7.2)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	24.6	(20.0 – 29.2)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	14.7	(11.3 – 18.1)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	77.1	(72.8 – 81.4)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	92.7	(89.6 – 95.8)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	90.6	(86.6 – 94.6)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	38.8	(33.3 – 44.3)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	61.0	(52.6 – 69.4)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	74.1	(66.9 – 81.4)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	38.2	(33.1 – 43.4)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	34.0	(29.1 – 38.8)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	26.8	(22.4 – 31.2)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	14.0	(10.7 – 17.4)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	14.4	(10.6 – 18.1)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	11.9	(8.4 – 15.3)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	10.3	(7.4 – 13.2)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	18.8	(14.9 – 22.7)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in Green River ADD, N=721

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

**Area Development District (ADD) Profiles**  
**Kentucky Behavioral Risk Factor Survey (KyBRFS)**

Kentucky River ADD	Kentucky river		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	2.5	(0.7 – 4.2)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	6.9	(3.8 – 10.0)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	51.3	(45.2 – 57.4)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	9.7	(6.4 – 13.1)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	8.7	(5.8 – 11.5)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	8.8	(5.8 – 11.9)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	28.2	(22.3 – 34.1)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	22.1	(16.4 – 27.8)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	59.6	(53.5 – 65.8)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	94.3	(90.8 – 97.8)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	92.8	(88.0 – 97.7)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	33.5	(26.8 – 40.1)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	61.9	(50.5 – 73.2)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	72.9	(62.4 – 83.5)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	36.4	(29.7 – 43.0)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	41.3	(34.3 – 48.2)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	56.7	(50.0 – 63.3)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	32.3	(26.3 – 38.3)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	20.1	(15.1 – 25.2)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	15.4	(10.1 – 20.8)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	31.5	(25.2 – 37.9)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	28.7	(22.4 – 35.1)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in Kentucky River ADD, N=557

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

# Area Development District (ADD) Profiles

## Kentucky Behavioral Risk Factor Survey (KyBRFS)

KIPDA ADD	KIPDA		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	7.4	(5.5 – 9.4)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	18.0	(15.3 – 20.8)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	29.1	(26.1 – 32.2)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	5.5	(4.1 – 7.0)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	4.6	(3.2 – 6.0)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	4.2	(2.9 – 5.5)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	22.3	(19.4 – 25.2)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	10.1	(8.2 – 12.1)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	82.3	(79.6 – 85.0)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	91.2	(89.1 – 93.3)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	89.5	(86.8 – 92.1)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	42.9	(39.3 – 46.5)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	67.6	(61.9 – 73.3)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	76.3	(71.0 – 81.5)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	35.2	(31.9 – 38.6)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	33.2	(29.8 – 36.6)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	73.1	(70.0 – 76.2)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	13.5	(11.0 – 16.0)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	16.5	(13.9 – 19.2)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	9.2	(7.2 – 11.3)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	9.7	(7.5 – 11.8)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	19.1	(16.2 – 22.0)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in KIPDA ADD, N= 1933

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

# Area Development District (ADD) Profiles

## Kentucky Behavioral Risk Factor Survey (KyBRFS)

Lake Cumberland ADD	Lake Cumberland		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	4.7	(2.3 – 7.2)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	10.5	(7.3 – 13.7)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	39.2	(34.8 – 43.6)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	6.7	(4.7 – 8.6)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	6.1	(4.1 – 8.0)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	5.7	(3.8 – 7.5)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	22.9	(19.1 – 26.7)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	15.6	(12.4 – 18.8)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	71.0	(67.0 – 75.0)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	90.7	(87.8 – 93.7)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	88.3	(84.5 – 92.1)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	27.7	(23.3 – 32.1)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	56.0	(47.1 – 65.0)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	70.6	(62.3 – 79.0)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	33.3	(28.6 – 38.0)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	37.8	(33.2 – 42.5)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	60.1	(55.3 – 64.8)	68.3	(67.1 – 69.6)
Adults who reported 14+ days of poor physical health in the past 30 days	21.5	(17.9 – 25.1)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	17.8	(14.1 – 21.5)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	11.9	(8.9 – 14.9)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	13.4	(10.3 – 16.5)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	26.4	(22.4 – 30.4)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
 Total number of responses in Lake Cumberland ADD, N=722

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

## Area Development District (ADD) Profiles

### Kentucky Behavioral Risk Factor Survey (KyBRFS)

Lincoln Trail ADD	Lincoln Trail		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	8.7	(5.4 – 11.9)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	16.1	(11.8 – 20.4)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	36.6	(31.9 – 41.2)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	5.5	(3.3 – 7.7)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	6.2	(4.1 – 8.3)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	3.9	(2.3 – 5.5)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	29.6	(24.8 – 34.4)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	12.5	(9.6 – 15.3)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	74.9	(70.5 – 79.2)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	94.1	(91.6 – 96.7)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	92.9	(89.7 – 96.0)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	34.3	(29.5 – 39.2)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	75.7	(68.4 – 83.0)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	77.3	(70.0 – 84.6)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	32.1	(27.2 – 37.0)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	39.7	(34.6 – 44.8)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	66.0	(61.1 – 71.0)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	18.1	(14.0 – 22.3)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	23.2	(18.5 – 27.8)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	14.5	(10.6 – 18.4)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	13.0	(9.6 – 16.4)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	23.3	(18.8 – 27.9)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
 Total number of responses in Lincoln Trail ADD, N=714

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**



## Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Survey (KyBRFS)

Northern Kentucky ADD	Northern Kentucky		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	6.8	(5.1 – 8.6)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	17.0	(14.2 – 19.8)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	32.1	(28.9 – 35.2)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	5.3	(3.8 – 6.9)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	6.1	(4.5 – 7.7)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	4.1	(2.9 – 5.4)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	24.5	(21.3 – 27.8)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	12.9	(10.7 – 15.0)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	80.4	(77.6 – 83.2)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	92.1	(89.8 – 94.4)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	90.2	(87.3 – 93.1)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	33.3	(29.7 – 36.9)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	67.5	(61.4 – 73.7)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	75.2	(69.4 – 81.1)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	37.1	(33.4 – 40.7)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	35.9	(32.3 – 39.4)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	69.1	(65.7 – 72.5)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	15.8	(13.1 – 18.4)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	18.0	(15.1 – 21.0)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	9.8	(7.8 – 11.8)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	8.0	(6.1 – 9.8)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	21.2	(18.1 – 24.4)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
Total number of responses in Northern Kentucky ADD, N=1083

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

# Area Development District (ADD) Profiles

## Kentucky Behavioral Risk Factor Survey (KyBRFS)

Pennyriple ADD	Pennyriple		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	4.7	(2.7 – 6.7)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	14.3	(10.6 – 18.0)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	32.4	(28.0 – 36.7)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	6.4	(4.6 – 8.2)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	5.8	(4.0 – 7.6)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	5.9	(4.1 – 7.7)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	19.8	(15.9 – 23.6)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	17.4	(14.1 – 20.8)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	77.5	(73.6 – 81.4)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	86.3	(81.8 – 90.7)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	82.9	(77.3 – 88.4)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	36.8	(31.7 – 41.9)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	57.3	(49.4 – 65.2)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	75.0	(68.6 – 81.5)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	35.5	(30.5 – 40.5)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	36.7	(31.7 – 41.6)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	68.1	(63.7 – 72.6)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	13.9	(10.8 – 17.0)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	14.8	(11.3 – 18.2)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	9.9	(7.0 – 12.8)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	11.1	(8.3 – 13.8)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	27.5	(23.0 – 32.1)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
 Total number of responses in Pennyriple ADD, N=723

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**

## Area Development District (ADD) Profiles

### Kentucky Behavioral Risk Factor Survey (KyBRFS)

Purchase ADD	Purchase		Kentucky	
	%	95% CI	%	95% CI
<b>Alcohol Consumption</b>				
Adults who reported heavy drinking	5.1	(3.0 – 7.2)	6.4	(5.7 – 7.1)
Adults who reported binge drinking	14.8	(11.1 – 18.6)	14.9	(13.9 – 15.9)
<b>Arthritis</b>				
Adults who have arthritis	33.5	(29.0 – 38.0)	33.2	(32.1 – 34.4)
<b>Cardiovascular Disease</b>				
Adults who have ever had a heart attack	4.8	(3.2 – 6.5)	6.2	(5.6 – 6.8)
Adults who have coronary heart disease	4.3	(2.9 – 5.7)	5.9	(5.4 – 6.5)
Adults who have ever had a stroke	5.9	(3.7 – 8.1)	4.8	(4.3 – 5.3)
<b>Depression</b>				
Adults who have ever been diagnosed with a depressive disorder	26.1	(21.8 – 30.3)	24.9	(23.8 – 26.1)
<b>Diabetes</b>				
Adults who have diabetes	13.0	(9.5 – 16.5)	13.2	(12.3 – 14.0)
<b>General Health Status</b>				
Adults who reported good or better health	76.6	(72.1 – 81.0)	77.8	(76.7 – 78.9)
<b>Health Care Access/Coverage</b>				
Adults who have health care coverage	94.2	(91.8 – 96.6)	91.7	(90.9 – 92.6)
Adults aged 18-64 who have health care coverage	91.9	(88.5 – 95.3)	89.7	(88.6 – 90.8)
<b>HIV Screening Test</b>				
Adults who have ever been tested for HIV	37.5	(32.1 – 42.9)	35.2	(33.8 – 36.6)
<b>Immunization</b>				
Adults aged 65+ who had a flu shot in past year	59.3	(50.7 – 67.9)	64.9	(62.7 – 67.2)
Adults aged 65+ who have ever had a pneumococcal vaccination	67.9	(59.0 – 76.9)	73.2	(71.1 – 75.3)
<b>Overweight and Obesity (BMI)</b>				
Adults who are overweight (BMI = 25.0 – 29.9)	29.4	(24.9 – 33.9)	34.4	(33.1 – 35.7)
Adults who are obese (BMI ≥ 30.0)	39.8	(34.5 – 45.0)	36.5	(35.2 – 37.8)
<b>Physical Activity</b>				
Adults who participate in any physical activity	69.2	(64.5 – 73.9)	68.3	(67.1 – 69.6)
<b>Quality of Life</b>				
Adults who reported 14+ days of poor physical health in the past 30 days	15.2	(11.7 – 18.7)	15.9	(15.0 – 16.9)
Adults who reported 14+ days of poor mental health in the past 30 days	15.1	(11.7 – 18.5)	17.3	(16.2 – 18.3)
<b>Respiratory Disease</b>				
Adults who currently have asthma	9.1	(6.5 – 11.7)	10.5	(9.7 – 11.3)
Adults who have COPD, emphysema, or chronic bronchitis	13.9	(9.9 – 17.8)	11.6	(10.7 – 12.4)
<b>Tobacco Use</b>				
Adults who are current smokers	26.4	(21.4 – 31.3)	22.5	(21.3 – 23.6)

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.  
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.  
 Total number of responses in Purchase ADD, N=724

**Data Source: Kentucky Behavior Risk Factor Survey 2019-2020**