

Kentucky Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Survey (KyBRFS)

Data Source: Kentucky Behavioral Risk Factor Survey 2020 - 2021

2023



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 the nation's premier system of health-related telephone surveys co-sponsored by the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health. BRFSS collects data in all 50 states, the District of Columbia and three U.S. territories. 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 2020 and 2021. The objective is to collect uniform, Kentucky-specific data on preventive health practices and risk behaviors that are linked to chronic diseases, injuries, and preventable infectious diseases that affect the adult population.

CDC publishes the BRFSS data collected by each state on its website but does not publish analysis at the sub-state level. Some states, including Kentucky, also analyze data at a smaller, geographically defined population of interest. 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 2020 and 2021 since the minimum requirement of respondents in each ADD was not met. In 2020, the number of completed interviews declined for Kentucky due to the pandemic and the need for remote data collection. In this report, we have merged data from two calendar years 2020 and 2021 to increase sample size to accommodate data requests at ADD level. Data was re-weighted by year and by ADD for the combined years in this report to improve the statistical validity of the data.

The ADD-level data is not available on the CDC website. The main purpose of this document is to provide data to the ADDs 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 policy 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 2020-2021 KyBRFS data should only be compared to 2011 - 2019 KyBRFS data. It is not directly comparable to KyBRFS data collected before 2011. Comparing 2020-2021 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 2020 and 2021 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. Statewide and nationwide prevalence estimates have been included for comparison.

Counties in each ADD	
Barren River:	Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
Big Sandy:	Breathitt, Floyd, Johnson, Magoffin, Pike
Bluegrass:	Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford
Buffalo Trace/Gateway:	Bath, Bracken, Fleming, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan
Cumberland Valley:	Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
FIVCO :	Boyd, Carter, Elliott, Greenup, Lawrence, Martin
Green River:	Daviess, Hancock, Henderson, Livingston, McLean, Ohio, Union, Webster
Kentucky River:	Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
KIPDA:	Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
Lake Cumberland:	Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
Lincoln Trail:	Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
Northern Kentucky:	Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
Pennyrile:	Caldwell, Christian, Crittenden, Hopkins, Muhlenberg, Todd, Trigg
Purchase:	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
Alcohol Consumption			
Adults who reported heavy drinking	6.4	5.4	(4.7 – 6.0)
Adults who reported binge drinking	16.1	13.5	(12.5 – 14.5)
Arthritis			
Adults who have arthritis	25.5	31.7	(30.5 – 32.9)
Cardiovascular Disease			
Adults who have ever had a heart attack	4.0	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	3.8	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	3.0	4.6	(4.1 – 5.2)
Depression			
Adults who have ever been diagnosed with a depressive disorder	20.5	25.6	(24.4 – 26.8)
Diabetes			
Adults who have diabetes	10.9	13.4	(12.5 – 14.3)
General Health Status			
Adults who reported good or better health	85.2	78.2	(77.1 – 79.3)
Health Care Access/Coverage			
Adults who have health care coverage	92.9	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	90.9	92.1	(91.1 – 93.1)
HIV Screening Test			
Adults who have ever been tested for HIV	34.9	31.7	(30.3 – 33.0)
Immunization			
Adults aged 65+ who had a flu shot in past year	68.6	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	71.0	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)			
Adults who are overweight (BMI = 25.0 – 29.9)	34.4	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	33.9	38.5	(37.1 – 39.8)
Physical Activity			
Adults who participate in any physical activity	76.3	69.5	(68.2 – 70.7)
Quality of Life			
Adults who reported 14+ days of poor physical health in the past 30 days	10.9	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	14.6	17.7	(16.6 – 18.7)
Respiratory Disease			
Adults who currently have asthma	9.8	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	6.1	11.6	(10.8 – 12.4)
Tobacco Use			
Adults who are current smokers	14.4	20.5	(19.3 – 21.6)

*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, [2020-2021]
Total number of responses in Kentucky, N=9,363

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

Barren River ADD	Barren River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.7	(1.8 – 5.5)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	9.2	(6.4 – 12.1)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	28.9	(24.3 – 33.5)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	8.6	(5.7 – 11.4)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	6.6	(4.2 – 9.0)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.0	(2.0 – 5.9)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	27.6	(22.5 – 32.6)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	12.7	(9.5 – 15.9)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	80.1	(75.5 – 84.7)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	90.7	(86.9 – 94.5)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	88.4	(83.7 – 93.4)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	24.5	(20.0 – 29.1)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	63.0	(54.0 – 72.1)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	67.1	(58.4 – 75.8)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.5	(28.4 – 38.6)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	38.4	(33.0 – 43.9)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	70.7	(65.6 – 75.9)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	12.6	(9.5 – 15.7)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	18.5	(13.9 – 23.2)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	10.9	(7.9 – 13.9)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	11.7	(8.4 – 15.0)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	22.4	(17.3 – 27.5)	20.5	(19.3 – 21.6)

% = 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=516

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Big Sandy ADD	Big Sandy		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	7.0	(1.4 – 12.5)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	10.4	(4.8 – 16.0)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	45.7	(39.0 – 52.5)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	7.4	(3.8 – 10.9)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	9.1	(5.3 – 12.9)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	6.0	(2.8 – 9.2)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	32.1	(25.3 – 38.9)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	15.9	(10.9 – 20.8)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	64.6	(57.9 – 71.3)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	92.8	(86.4 – 99.2)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	90.3	(81.9 – 98.8)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	29.3	(22.4 – 36.1)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	55.8	(41.6 – 70.1)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	68.5	(56.2 – 80.7)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.9	(27.8 – 39.9)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	42.8	(35.6 – 49.9)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	58.8	(52.0 – 65.6)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	24.1	(18.1 – 30.2)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	22.0	(15.9 – 28.0)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	13.0	(8.3 – 17.7)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	21.9	(16.1 – 27.7)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	22.6	(16.5 – 28.8)	20.5	(19.3 – 21.6)

% = 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=483

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Bluegrass ADD	Bluegrass		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.1	(3.7 – 6.5)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	14.3	(11.9 – 16.7)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	29.0	(26.2 – 31.7)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	4.8	(3.6 – 5.9)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	5.8	(4.4 – 7.0)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.0	(2.8 – 5.1)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	23.3	(20.5 – 26.0)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	10.4	(8.5 – 12.3)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	83.8	(81.4 – 86.2)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	94.7	(93.1 – 96.2)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	93.6	(91.6 – 95.5)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	30.1	(27.0 – 33.2)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	70.3	(64.8 – 75.8)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	68.8	(63.2 – 74.3)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.4	(29.3 – 35.4)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	36.2	(33.0 – 39.4)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	67.3	(64.2 – 70.4)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	12.3	(10.3 – 14.4)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	15.3	(13.0 – 17.7)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	9.4	(7.5 – 11.2)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	8.2	(6.7 – 9.9)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	17.9	(15.4 – 20.5)	20.5	(19.3 – 21.6)

% = 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=1,307

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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
Alcohol Consumption				
Adults who reported heavy drinking	4.4	(2.1 – 6.6)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	13.5	(9.4 – 17.7)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	31.7	(26.6 – 36.9)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	7.6	(4.1 – 11.1)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	6.6	(3.5 – 9.7)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	5.0	(2.5 – 7.5)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	23.8	(18.7 – 28.9)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	11.7	(8.7 – 14.7)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	71.8	(66.8 – 76.8)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	91.4	(86.9 – 96.0)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	89.0	(84.2 – 93.8)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	28.0	(22.8 – 33.2)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	63.0	(53.8 – 72.2)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	68.4	(58.5 – 78.2)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	31.3	(25.8 – 36.9)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	40.5	(34.8 – 46.2)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	70.1	(65.3 – 75.0)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	17.5	(13.2 – 21.8)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	20.0	(15.0 – 25.0)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	11.2	(7.6 – 14.8)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	14.7	(10.7 – 18.8)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	24.5	(19.3 – 29.8)	20.5	(19.3 – 21.6)

% = 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=471

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Cumberland Valley ADD	Cumberland Valley		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.1	(2.6 – 9.6)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	11.1	(7.0 – 15.3)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	43.6	(37.9 – 49.3)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	5.4	(3.2 – 7.6)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	7.0	(4.0 – 9.9)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	5.0	(2.7 – 7.2)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	29.5	(23.8 – 35.1)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	17.0	(12.7 – 21.3)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	65.5	(59.6 – 71.4)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	95.7	(93.3 – 98.2)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	95.0	(91.3 – 98.1)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	32.1	(26.2 – 37.9)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	54.3	(42.0 – 66.7)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	63.1	(50.5 – 75.3)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	25.8	(20.5 – 31.3)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	53.0	(46.7 – 59.2)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	65.2	(59.3 – 71.0)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	24.0	(18.9 – 29.1)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	22.6	(17.1 – 28.1)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	14.5	(10.0 – 19.0)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	16.2	(12.2 – 20.1)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	30.9	(24.9 – 36.9)	20.5	(19.3 – 21.6)

% = 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=456

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

FIVCO ADD	FIVCO		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.4	(1.9 – 8.9)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	12.4	(7.8 – 17.0)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	35.5	(30.0 – 40.9)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	6.0	(3.4 – 8.7)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	8.0	(5.0 – 11.1)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	7.3	(3.7 – 10.9)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	29.6	(23.7 – 35.1)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	15.0	(10.3 – 19.7)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	71.2	(65.8 – 76.6)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	90.6	(86.8 – 94.4)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	87.5	(8.9 – 16.4)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	27.9	(22.6 – 33.2)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	59.8	(47.8 – 71.9)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	62.8	(52.3 – 73.2)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	31.3	(25.9 – 36.8)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	41.2	(34.7 – 47.7)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	68.5	(63.0 – 73.9)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	21.5	(16.4 – 26.5)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	20.2	(15.1 – 25.2)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	15.1	(10.3 – 19.9)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	13.2	(9.8 – 16.7)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	26.6	(20.8 – 32.3)	20.5	(19.3 – 21.6)

% = 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=439

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Green River ADD	Green River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.8	(3.8 – 9.7)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	14.7	(10.5 – 18.8)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	30.1	(25.3 – 34.9)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	5.3	(3.2 – 7.4)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	4.2	(2.1 – 6.3)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.8	(2.6 – 7.0)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	25.3	(20.3 – 30.3)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	13.1	(9.7 – 16.5)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	75.7	(71.1 – 80.3)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	93.9	(90.7 – 97.0)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	92.0	(87.7 – 96.2)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	34.1	(28.4 – 39.9)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	63.6	(55.2 – 72.0)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	74.9	(62.2 – 82.6)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.3	(30.8 – 41.8)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	35.0	(29.7 – 40.3)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	72.5	(67.7 – 77.4)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	14.3	(10.5 – 18.1)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	16.6	(12.3 – 20.8)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	10.1	(6.7 – 13.5)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	10.8	(7.6 – 14.0)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	19.7	(15.4 – 23.9)	20.5	(19.3 – 21.6)

% = 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=461

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Kentucky River ADD	Kentucky river		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	1.6	(0.2 – 3.0)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	6.5	(3.6 – 9.4)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	42.1	(35.2 – 49.0)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	9.8	(5.6 – 14.1)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	12.5	(7.2 – 17.8)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	7.8	(4.6 – 11.0)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	32.7	(25.5 – 39.8)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	27.9	(21.1 – 34.7)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	59.1	(52.0 – 66.0)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	95.8	(92.5 – 99.1)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	93.9	(89.1 – 98.9)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	28.0	(24.1 – 34.8)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	56.1	(40.1 – 71.3)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	75.0	(63.5 – 86.5)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.4	(25.9 – 40.9)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	42.8	(34.9 – 50.7)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	59.0	(51.5 – 66.4)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	28.9	(22.3 – 35.5)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	25.7	(19.0 – 32.5)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	20.8	(14.4 – 27.3)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	32.2	(25.4 – 39.0)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	22.4	(16.2 – 28.6)	20.5	(19.3 – 21.6)

% = 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=402

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

KIPDA ADD	KIPDA		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	4.9	(3.4 – 6.5)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	14.9	(12.4 – 17.4)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	27.3	(24.4 – 30.2)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	5.6	(4.1 – 7.2)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	5.7	(4.2 – 7.3)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.3	(3.0 – 5.5)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	24.6	(21.6 – 27.6)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	12.8	(10.6 – 15.0)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	81.8	(79.1 – 84.4)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	94.1	(92.4 – 95.8)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	92.6	(90.4 – 94.8)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	37.2	(33.8 – 40.7)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	73.3	(68.0 – 78.6)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	72.1	(66.8 – 77.5)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.7	(29.5 – 35.9)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	35.5	(32.1 – 38.8)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	72.7	(69.6 – 75.8)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	12.6	(10.3 – 14.9)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	16.6	(14.0 – 19.3)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	11.3	(9.1 – 13.5)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	9.1	(7.1 – 11.1)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	16.1	(13.4 – 18.8)	20.5	(19.3 – 21.6)

% = 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=1,741

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Lake Cumberland ADD	Lake Cumberland		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.6	(3.3 – 7.9)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	10.0	(7.0 – 13.0)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	39.1	(34.5 – 43.7)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	6.7	(4.7 – 8.6)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	6.8	(4.6 – 8.8)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	7.1	(4.9 – 9.2)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	25.9	(21.6 – 30.2)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	17.2	(13.7 – 20.8)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	71.4	(67.2 – 75.6)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	91.9	(88.9 – 94.9)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	89.6	(85.7 – 93.5)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	27.4	(22.8 – 32.0)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	62.1	(53.1 – 71.1)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	72.2	(65.4 – 79.0)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.2	(28.1 – 38.1)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	41.0	(36.0 – 46.0)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	64.0	(59.3 – 68.7)	69.5	(68.2 – 70.7)
Adults who reported 14+ days of poor physical health in the past 30 days	21.0	(17.3 – 24.7)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	18.5	(14.5 – 22.6)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	14.0	(10.7 – 17.4)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	13.0	(9.8 – 16.2)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	23.2	(19.0 – 27.4)	20.5	(19.3 – 21.6)

% = 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=557

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Lincoln Trail ADD	Lincoln Trail		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.7	(2.8 – 8.6)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	12.7	(8.6 – 16.7)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	35.9	(31.2 – 40.7)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	6.9	(4.4 – 9.4)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	7.5	(5.0 – 10.0)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.2	(2.6 – 5.9)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	31.1	(26.0 – 36.2)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	14.7	(11.3 – 18.0)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	74.3	(69.7 – 79.0)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	96.8	(94.9 – 98.8)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	96.0	(93.6 – 98.5)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	33.9	(28.8 – 38.9)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	73.1	(65.8 – 80.5)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	70.9	(62.4 – 79.4)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	31.5	(26.5 – 36.4)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	45.3	(39.9 – 50.6)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	66.1	(61.0 -71.2)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	19.0	(14.6 – 23.4)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	22.4	(17.8 – 27.0)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	17.2	(13.0 – 21.4)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	15.1	(11.2 – 19.0)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	22.4	(17.8 – 27.0)	20.5	(19.3 – 21.6)

% = 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=521

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Northern Kentucky ADD	Northern Kentucky		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.5	(4.6 – 8.3)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	15.7	(12.9 – 18.5)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	28.7	(25.7 – 31.8)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	5.4	(3.8 – 6.9)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	6.3	(4.6 – 8.0)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.1	(2.8 – 5.4)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	22.8	(19.8 – 25.8)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	11.5	(9.4 – 13.6)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	82.6	(80.0 – 85.3)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	94.1	(92.2 – 96.0)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	92.5	(90.2 – 94.8)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	30.0	(26.5 – 33.5)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	75.4	(70.0 – 80.8)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	71.6	(65.7 – 77.4)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.2	(31.6 – 38.9)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	36.1	(32.6 – 39.7)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	72.2	(69.1 – 75.4)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	12.6	(10.4 – 14.9)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	15.9	(13.3 – 18.5)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	9.8	(7.8 – 11.8)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	8.6	(6.6 – 10.5)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	17.9	(15.0 – 20.7)	20.5	(19.3 – 21.6)

% = 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=984

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Pennyriple ADD	Pennyriple		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.8	(3.8 – 9.8)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	16.4	(12.2 – 20.6)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	35.0	(29.9 – 40.1)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	4.9	(3.0 – 6.7)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	3.7	(2.0 – 5.4)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.3	(2.5 – 6.2)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	25.5	(20.6 – 30.4)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	17.8	(14.0 – 21.7)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	78.0	(73.8 – 82.3)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	90.2	(85.8 – 94.6)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	87.9	(82.3 – 93.6)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	31.3	(26.1 – 36.4)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	50.1	(41.2 – 58.9)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	60.9	(52.5 – 69.3)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.4	(30.8 – 42.0)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	36.8	(31.5 – 42.2)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	71.1	(66.3 – 75.8)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	15.9	(12.2 – 19.6)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	14.9	(10.9 – 18.9)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	12.2	(8.6 – 15.8)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	14.0	(10.4 – 17.6)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	25.2	(20.4 – 30.1)	20.5	(19.3 – 21.6)

% = 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=482

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021

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

Purchase ADD	Purchase		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.9	(3.5 – 8.3)	5.4	(4.7 – 6.0)
Adults who reported binge drinking	14.6	(10.8 – 18.4)	13.5	(12.5 – 14.5)
Arthritis				
Adults who have arthritis	30.1	(25.7 – 34.5)	31.7	(30.5 – 32.9)
Cardiovascular Disease				
Adults who have ever had a heart attack	4.8	(3.1 – 6.5)	5.8	(5.3 – 6.5)
Adults who have coronary heart disease	3.5	(2.1 – 4.9)	6.1	(5.5 – 6.7)
Adults who have ever had a stroke	4.8	(2.8 – 6.8)	4.6	(4.1 – 5.2)
Depression				
Adults who have ever been diagnosed with a depressive disorder	23.9	(19.6 – 28.3)	25.6	(24.4 – 26.8)
Diabetes				
Adults who have diabetes	13.4	(9.8 – 17.0)	13.4	(12.5 – 14.3)
General Health Status				
Adults who reported good or better health	80.7	(76.5 – 84.9)	78.2	(77.1 – 79.3)
Health Care Access/Coverage				
Adults who have health care coverage	93.8	(91.1 – 96.6)	93.7	(92.9 – 94.5)
Adults aged 18-64 who have health care coverage	91.5	(87.7 – 95.3)	92.1	(91.1 – 93.1)
HIV Screening Test				
Adults who have ever been tested for HIV	31.9	(26.6 – 32.2)	31.7	(30.3 – 33.0)
Immunization				
Adults aged 65+ who had a flu shot in past year	58.9	(50.0 – 67.8)	66.5	(64.2 – 68.8)
Adults aged 65+ who have ever had a pneumococcal vaccination	62.8	(55.0 – 70.7)	69.3	(67.0 – 71.5)
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	30.0	(25.3 – 34.7)	32.7	(31.4 – 34.0)
Adults who are obese (BMI ≥ 30.0)	38.1	(32.7 – 43.5)	38.5	(37.1 – 39.8)
Physical Activity				
Adults who participate in any physical activity	75.8	(71.4 – 80.2)	69.5	(68.2 – 70.7)
Quality of Life				
Adults who reported 14+ days of poor physical health in the past 30 days	13.1	(9.6 – 16.7)	15.3	(14.3 – 16.3)
Adults who reported 14+ days of poor mental health in the past 30 days	16.1	(12.2 – 19.9)	17.7	(16.6 – 18.7)
Respiratory Disease				
Adults who currently have asthma	8.6	(5.9 – 11.4)	11.6	(10.7 – 12.5)
Adults who have COPD, emphysema, or chronic bronchitis	13.1	(9.2 – 16.9)	11.6	(10.8 – 12.4)
Tobacco Use				
Adults who are current smokers	25.9	(20.9 – 30.8)	20.5	(19.3 – 21.6)

% = 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=543

Data Source: Kentucky Behavior Risk Factor Survey 2020-2021