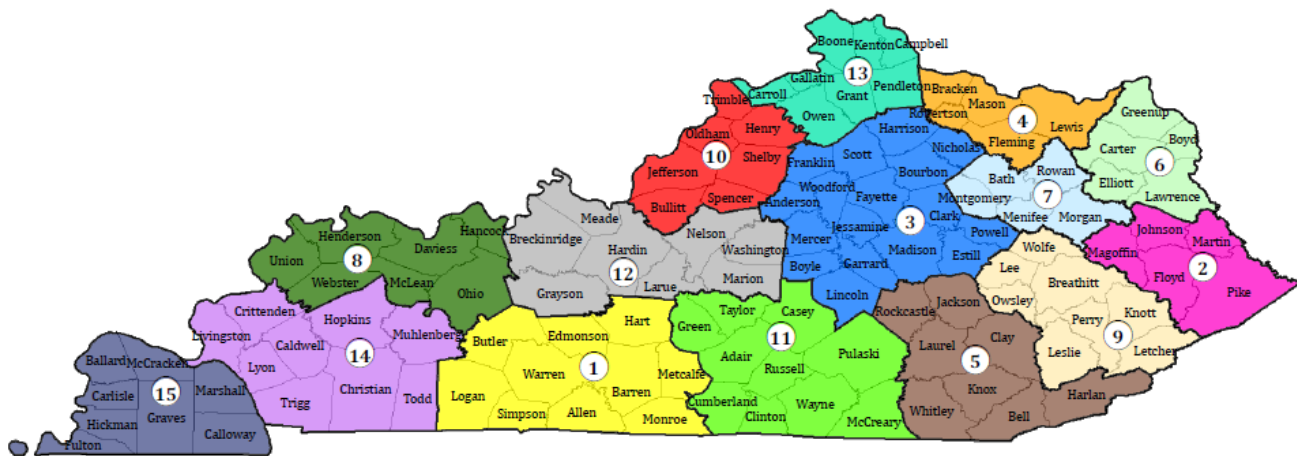


Kentucky Area Development District (ADD) Profiles Behavioral Risk Factor Surveillance System (BRFSS)

2014



Kentucky Public Health
Prevent. Promote. Protect.



Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

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 1. Barren River ADD	 5. Cumberland Valley ADD	 9. Kentucky River ADD	 13. Northern Kentucky ADD
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Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Executive Summary

The following report consists of data collected by the Kentucky Behavioral Risk Factor Surveillance System (KY BRFSS) program in calendar year 2013. The KY BRFSS is a collaborative project of the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health (KDPH). Currently, all 50 states and the District of Columbia participate in this surveillance system. The BRFSS objective is to collect uniform, state 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 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 a single stratum. However, to provide adequate sample sizes for smaller geographically defined populations of interest, some states sample disproportionately from strata defined to correspond to sub-state regions. In Kentucky we sample all fifteen Area Development Districts (ADD), each of which has 500 completes, so we currently have fifteen strata.

The ADD level data is not available on the CDC website. The main purpose of this document is to provide data in a timely manner to the Area Development Districts so the local health departments can use this data for strategic planning and prioritize program management. BRFSS 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 2013 BRFSS data reflects the addition of cell-phone only respondents and a change in weighting methodology (raking replaces post-stratification). Due to these significant changes, the 2013 BRFSS data should only be compared to 2011 BRFSS (which serves as the new baseline for data analysis) or to 2012 BRFSS data; It is not directly comparable to BRFSS data collected before 2011. Comparing 2013 BRFSS data with BRFSS data from years prior to 2011 may cause misinterpretation of trend line shifts in prevalence estimates.

The changes in BRFSS protocol occurred in 2011 and are discussed in detail in the June 8, 2012, MMWR Policy Note "Methodologic Changes in the Behavioral Risk Factor Surveillance System in 2011 and Potential Effects on Prevalence Estimates." This note is available online at the CDC Surveillance resource Center <http://www.cdc.gov/surveillancepractice/reports/brfss/brfss.html>.

Additionally, the Kentucky BRFSS program released a report tailored to the changes seen in Kentucky data. It is entitled "Effect of Changes in BRFSS Protocols on 2011 Behavioral Risk Factor Surveillance Data in Kentucky" and can be obtained from the Kentucky BRFSS website <http://chfs.ky.gov/brfss>.

Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

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 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 2013 Kentucky Behavioral Risk Factor Surveillance System (BRFSS) Survey. 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 ADDs, rather than by county, because sample sizes for most counties are too small to provide statistically reliable estimates. 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:	Floyd, Johnson, Magoffin, Martin, Pike
Bluegrass:	Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford
Buffalo Trace:	Bracken, Fleming, Lewis, Mason, Robertson
Cumberland Valley:	Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
FIVCO:	Boyd, Carter, Elliott, Greenup, Lawrence
Gateway:	Bath, Menifee, Montgomery, Morgan, Rowan
Green River:	Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster
Kentucky River:	Breathitt, 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, Livingston, Lyon, Muhlenberg, Todd, Trigg
Purchase:	Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, McCracken, Marshall

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Suggested citation: *Kentucky Behavioral Risk Factor Surveillance System Survey Data*. Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, [2013]

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

List of Variables	Nationwide * (States and DC)	Kentucky	
	Median %	%	95% CI
Alcohol Consumption			
Adults who reported heavy drinking	6.2	4.9	4.2 – 5.6
Adults who reported binge drinking	16.8	13.4	12.4 – 14.5
Arthritis			
Adults who have arthritis	25.3	31.9	30.6 – 33.2
Cardiovascular Disease			
Adults who have ever had a heart attack	4.3	6.0	5.4 – 6.6
Adults who have coronary heart disease	4.1	6.1	5.5 – 6.6
Adults who have ever had a stroke	2.8	4.2	3.7 – 4.7
Cholesterol Awareness			
Adults who had their blood cholesterol checked in past 5 years	76.4	77.0	75.6 – 78.4
Adults with high blood cholesterol	38.4	43.2	41.7 – 44.7
Depression			
Adults who have ever been diagnosed with a depressive disorder	18.7	20.2	19.0 – 21.4
Diabetes			
Adults who have diabetes	9.7	10.6	9.9 – 11.4
Disability			
Adults with limited activity due to physical, mental, or emotional problems	19.7	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	8.1	10.0	9.2 – 10.8
General Health Status			
Adults who reported good or better health	83.3	76.7	75.5 – 77.9
Health Care Access/Coverage			
Adults who have health care coverage	83.2	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	80.0	78.0	76.5 – 79.5
HIV Screening Test			
Adults who have ever been tested for HIV	35.2	31.7	30.2 – 33.1
Hypertension Awareness			
Adults who have high blood pressure	31.4	39.1	37.7 – 40.4
Immunization			
Adults aged 65+ who had a flu shot in past year	62.8	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	69.5	67.7	65.1 – 70.3
Overweight and Obesity (BMI)			
Adults who are overweight (BMI = 25.0 – 29.9)	35.4	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	29.4	33.2	31.8 – 34.6
Physical Activity			
Adults who participate in any physical activity	74.7	69.8	68.4 – 71.2
Respiratory Disease			
Adults who currently have asthma	9.0	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	6.5	10.9	10.1 – 11.8
Tobacco Use			
Adults who are current smokers	19.0	26.5	25.1 – 27.8

*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, [2013]

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Barren River ADD	Barren River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	4.5	2.2 – 6.8	4.9	4.2 – 5.6
Adults who reported binge drinking	12.5	8.6 – 16.5	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	34.2	29.5 – 38.9	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.1	3.3 – 6.8	6.0	5.4 – 6.6
Adults who have coronary heart disease	5.5	3.4 – 7.6	6.1	5.5 – 6.6
Adults who have ever had a stroke	4.9	2.8 – 7.0	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	74.2	68.8 – 79.6	77.0	75.6 – 78.4
Adults with high blood cholesterol	47.1	41.5 – 52.7	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	19.9	15.8 – 24.1	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	9.7	7.0 – 12.3	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	28.5	23.6 – 33.4	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	11.5	8.3 – 14.7	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	77.3	73.0 – 81.6	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	79.6	74.9 – 84.2	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	75.2	69.6 – 80.8	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	30.1	24.7 – 35.5	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	34.2	29.8 – 38.6	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	59.1	50.6 – 67.7	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	62.9	54.1 – 71.6	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.9	28.8 – 39.0	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	32.7	27.5 – 37.9	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	69.3	64.2 – 74.3	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	11.8	8.0 – 15.6	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	11.0	8.2 – 13.8	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	27.5	22.3 – 32.6	26.5	25.1 – 27.8

% = 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 Relative Standard Error (RSE) is > 0.3 for any cell.

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Big Sandy ADD	Big Sandy		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	5.4	2.4 – 8.3	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	46.7	41.1 – 52.3	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	8.7	5.9 – 11.6	6.0	5.4 – 6.6
Adults who have coronary heart disease	10.5	7.2 – 13.8	6.1	5.5 – 6.6
Adults who have ever had a stroke	5.5	3.4 – 7.6	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	83.3	78.3 – 88.4	77.0	75.6 – 78.4
Adults with high blood cholesterol	45.4	39.6 – 51.2	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	27.9	22.9 – 32.9	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	15.2	11.5 – 18.9	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	38.1	32.7 – 43.4	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	15.1	11.4 – 18.7	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	64.8	59.5 – 70.1	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	80.8	75.6 – 86.1	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	76.4	70.0 – 82.7	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	26.5	20.8 – 32.2	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	48.4	42.7 – 54.0	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	71.5	62.7 – 80.2	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	66.0	55.8 – 76.3	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.2	29.5 – 40.8	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	35.8	30.3 – 41.3	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	63.2	57.6 – 68.7	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	13.1	9.3 – 16.9	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	18.7	14.3 – 23.1	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	30.4	24.7 – 36.0	26.5	25.1 – 27.8

% = 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 Relative Standard Error (RSE) is > 0.3 for any cell.

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Bluegrass ADD	Bluegrass		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.0	4.3 – 7.7	4.9	4.2 – 5.6
Adults who reported binge drinking	13.4	10.9 – 15.9	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	26.6	23.5 – 29.7	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.1	3.4 – 6.7	6.0	5.4 – 6.6
Adults who have coronary heart disease	6.2	4.5 – 7.8	6.1	5.5 – 6.6
Adults who have ever had a stroke	3.5	2.5 – 4.6	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	75.0	71.5 – 78.5	77.0	75.6 – 78.4
Adults with high blood cholesterol	41.8	37.9 – 45.8	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	20.2	17.3 – 23.2	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	9.3	7.4 – 11.2	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	23.9	20.8 – 27.1	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	9.1	7.1 – 11.2	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	77.0	73.8 – 80.3	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	82.8	79.9 – 85.8	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	79.3	75.7 – 82.8	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	30.2	26.6 – 33.8	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	35.9	32.4 – 39.3	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	65.5	57.7 – 73.4	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	66.1	58.8 – 73.5	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.5	29.9 – 37.1	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	31.8	28.2 – 35.4	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	72.0	68.4 – 75.6	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	7.9	6.0 – 9.8	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	8.4	6.2 – 10.6	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	24.6	21.1 – 28.0	26.5	25.1 – 27.8

% = 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 Relative Standard Error (RSE) is > 0.3 for any cell.

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Buffalo Trace ADD	Buffalo Trace		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	10.0	6.3 – 13.7	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	37.5	32.5 – 42.3	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	8.7	6.1 – 11.3	6.0	5.4 – 6.6
Adults who have coronary heart disease	6.4	4.2 – 8.6	6.1	5.5 – 6.6
Adults who have ever had a stroke	4.4	2.8 – 6.1	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	78.2	72.8 – 83.6	77.0	75.6 – 78.4
Adults with high blood cholesterol	40.7	35.2 – 46.3	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	19.3	15.0 – 23.6	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	15.2	11.6 – 18.8	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	24.4	20.0 – 28.8	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	9.8	6.9 – 12.7	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	75.3	70.9 – 79.8	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	80.9	76.3 – 85.7	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	76.4	70.5 – 82.2	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	26.4	21.2 – 31.6	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	40.9	35.8 – 46.1	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	66.1	57.5 – 74.8	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	74.5	67.0 – 81.9	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	38.8	33.3 – 44.2	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	31.7	26.5 – 36.9	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	65.5	60.1 – 70.9	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	7.1	4.6 – 9.7	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	13.4	10.0 – 16.8	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	28.5	23.5 – 33.5	26.5	25.1 – 27.8

% = 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 Relative Standard Error (RSE) is > 0.3 for any cell.

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Cumberland Valley ADD	Cumberland Valley		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	7.6	4.7 – 10.6	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	37.7	32.7 – 42.8	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	6.6	4.2 – 8.9	6.0	5.4 – 6.6
Adults who have coronary heart disease	6.1	3.9 – 8.3	6.1	5.5 – 6.6
Adults who have ever had a stroke	5.5	2.8 – 8.1	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	79.3	74.1 – 84.4	77.0	75.6 – 78.4
Adults with high blood cholesterol	40.7	35.6 – 45.8	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	24.8	20.0 – 29.5	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	14.9	11.2 – 18.7	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	34.0	29.0 – 39.1	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	11.4	8.4 – 14.4	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	63.7	58.5 – 68.9	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	77.0	72.1 – 81.9	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	71.9	65.9 – 77.8	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	27.7	22.5 – 32.9	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	41.0	35.9 – 46.0	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	58.1	45.4 – 70.7	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	59.3	46.3 – 72.4	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	31.3	26.2 – 36.5	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	37.2	32.1 – 42.2	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	69.3	64.5 – 74.2	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	15.2	11.2 – 19.3	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	19.7	15.5 – 24.0	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	33.6	28.3 – 38.9	26.5	25.1 – 27.8

% = 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 Relative Standard Error (RSE) is > 0.3 for any cell.

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

FIVCO ADD	FIVCO		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	10.5	6.5 – 14.5	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	38.2	33.1 – 48.4	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	9.6	6.4 – 12.7	6.0	5.4 – 6.6
Adults who have coronary heart disease	11.0	7.5 – 14.6	6.1	5.5 – 6.6
Adults who have ever had a stroke	4.9	2.7 – 7.2	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	76.7	74.9 – 84.4	77.0	75.6 – 78.4
Adults with high blood cholesterol	47.1	41.2 – 52.9	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	24.3	19.2 – 29.5	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	14.8	11.3 – 18.3	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	28.5	23.5 – 33.6	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	12.4	8.6 – 16.1	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	74.02	69.6 – 78.8	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	78.2	73.3 – 83.1	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	72.2	66.0 – 78.3	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	23.3	18.2 – 28.5	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	48.9	43.5 – 54.4	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	66.6	57.9 – 75.2	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	77.9	70.6 – 85.2	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.4	30.9 – 41.9	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	36.3	30.9 – 41.6	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	68.5	63.2 – 73.8	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	14.7	10.4 – 19.1	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	16.0	11.8 – 20.2	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	28.2	22.7 – 33.6	26.5	25.1 – 27.8

% = 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 Relative Standard Error (RSE) is > 0.3 for any cell.

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Gateway ADD	Gateway		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	9.6	5.5 – 13.7	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	36.0	31.0 – 41.2	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	7.1	4.6 – 9.5	6.0	5.4 – 6.6
Adults who have coronary heart disease	7.3	4.9 – 9.7	6.1	5.5 – 6.6
Adults who have ever had a stroke	3.5	1.9 – 5.1	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	76.0	69.8 – 82.2	77.0	75.6 – 78.4
Adults with high blood cholesterol	43.1	37.5 – 48.7	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	20.4	15.9 – 24.8	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	11.3	8.3 – 14.3	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	29.0	23.8 – 34.2	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	13.5	9.3 – 17.6	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	71.8	66.6 – 76.9	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	80.4	74.8 – 86.0	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	75.9	69.1 – 82.6	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	24.4	18.7 – 30.2	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	38.9	33.7 – 44.1	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	65.6	56.8 – 74.5	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	71.8	63.5 – 80.1	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.2	26.6 – 37.8	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	36.4	30.4 – 42.3	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	68.2	62.4 – 73.9	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	10.2	6.7 – 13.8	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	10.6	7.3 – 13.8	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	24.2	18.9 – 29.5	26.5	25.1 – 27.8

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
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Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Green River ADD	Green River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	14.6	9.8 – 19.4	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	30.2	25.3 – 35.1	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	6.2	4.1 – 8.4	6.0	5.4 – 6.6
Adults who have coronary heart disease	5.4	3.6 – 7.1	6.1	5.5 – 6.6
Adults who have ever had a stroke	4.2	1.7 – 6.6	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	76.7	71.0 – 82.4	77.0	75.6 – 78.4
Adults with high blood cholesterol	44.1	37.8 – 50.3	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	17.9	13.0 – 22.7	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	11.9	8.7 – 15.1	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	23.1	18.4 – 27.8	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	8.5	5.8 – 11.3	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	81.4	76.8 – 85.9	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	80.9	75.6 – 86.1	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	76.1	69.5 – 82.7	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	30.7	24.3 – 37.0	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	37.5	32.0 – 43.0	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	67.5	58.1 – 76.9	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	65.1	55.6 – 74.6	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	31.0	25.4 – 36.6	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	31.3	25.5 – 37.0	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	69.3	63.5 – 75.1	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	9.2	4.8 – 13.6	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	8.8	6.0 – 11.7	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	24.3	18.6 – 30.0	26.5	25.1 – 27.8

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Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Kentucky River ADD	Kentucky River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	9.6	5.3 – 13.8	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	42.4	36.6 – 48.2	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	9.6	6.2 – 13.0	6.0	5.4 – 6.6
Adults who have coronary heart disease	7.9	4.9 – 10.9	6.1	5.5 – 6.6
Adults who have ever had a stroke	5.2	2.6 – 7.8	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	82.2	77.2 – 87.2	77.0	75.6 – 78.4
Adults with high blood cholesterol	52.3	46.0 – 58.6	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	21.6	17.0 – 26.1	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	14.8	10.8 – 18.8	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	36.4	30.8 – 41.9	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	13.6	9.3 – 17.9	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	64.1	58.6 – 69.7	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	78.2	72.9 – 83.5	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	73.3	66.9 – 79.7	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	29.7	23.9 – 35.4	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	46.9	40.9 – 52.8	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	61.4	47.0 – 75.9	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	59.3	44.8 – 73.7	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	29.6	24.2 – 35.0	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	41.6	35.4 – 47.7	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	64.1	58.0 – 70.1	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	8.4	5.5 – 11.2	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	14.9	10.9 – 18.9	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	30.5	24.8 – 36.2	26.5	25.1 – 27.8

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
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Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

KIPDA ADD	KIPDA		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	7.0	5.0 – 9.1	4.9	4.2 – 5.6
Adults who reported binge drinking	17.4	14.4 – 20.3	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	28.7	25.3 – 32.1	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.2	3.5 – 6.9	6.0	5.4 – 6.6
Adults who have coronary heart disease	4.5	3.2 – 5.9	6.1	5.5 – 6.6
Adults who have ever had a stroke	4.2	2.7 – 5.8	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	77.7	74.2 – 81.3	77.0	75.6 – 78.4
Adults with high blood cholesterol	40.7	36.9 – 44.6	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	18.3	15.3 – 21.3	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	9.2	7.2 – 11.2	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	23.5	20.3 – 26.8	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	9.2	7.1 – 11.3	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	79.2	76.1 – 82.4	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	84.9	81.9 – 87.9	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	81.5	77.9 – 85.1	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	36.2	32.4 – 40.1	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	37.9	34.3 – 41.4	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	65.0	57.9 – 72.1	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	72.3	65.6 – 79.0	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.3	32.5 – 40.0	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	30.0	26.4 – 33.7	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	72.4	68.7 – 76.0	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	9.3	7.2 – 11.4	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	9.2	6.9 – 11.5	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	23.9	20.5 – 27.3	26.5	25.1 – 27.8

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Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Lake Cumberland ADD	Lake Cumberland		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	6.5	3.0 – 9.9	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	36.2	31.1 – 41.2	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	7.7	4.8 – 10.5	6.0	5.4 – 6.6
Adults who have coronary heart disease	7.5	4.6 – 10.3	6.1	5.5 – 6.6
Adults who have ever had a stroke	3.5	2.0 – 4.9	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	78.4	73.6 – 83.2	77.0	75.6 – 78.4
Adults with high blood cholesterol	55.3	49.7 – 60.9	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	22.2	17.4 – 26.9	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	13.5	10.0 – 16.9	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	29.7	24.4 – 35.1	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	12.5	8.5 – 16.4	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	72.0	66.9 – 77.1	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	78.5	73.6 – 83.4	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	72.7	66.6 – 78.8	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	26.1	20.8 – 31.3	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	45.8	40.7 – 50.9	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	63.9	54.4 – 73.5	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	60.9	51.1 – 70.7	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	34.5	29.3 – 39.6	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	37.4	32.2 – 42.6	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	64.9	59.3 – 70.5	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	9.2	6.0 – 12.4	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	12.7	9.4 – 16.1	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	30.5	25.2 – 35.9	26.5	25.1 – 27.8

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
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Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Lincoln Trail ADD	Lincoln Trail		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.6	2.6 – 8.7	4.9	4.2 – 5.6
Adults who reported binge drinking	15.9	11.5 – 20.4	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	36.5	31.4 – 41.7	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	3.0	1.6 – 4.3	6.0	5.4 – 6.6
Adults who have coronary heart disease	3.3	1.9 – 4.8	6.1	5.5 – 6.6
Adults who have ever had a stroke	5.2	2.9 – 7.5	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	77.1	71.6 – 82.7	77.0	75.6 – 78.4
Adults with high blood cholesterol	41.0	35.4 – 46.6	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	20.3	15.9 – 24.5	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	9.4	6.8 – 12.0	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	24.6	20.2 – 29.0	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	8.6	5.7 – 11.4	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	79.9	75.9 – 83.9	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	85.4	80.5 – 90.2	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	82.4	76.6 – 88.3	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	36.6	30.5 – 42.7	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	38.3	33.1 – 43.4	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	67.0	57.3 – 76.7	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	61.7	50.9 – 72.5	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	37.0	31.3 – 42.7	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	33.4	28.1 – 38.7	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	69.6	64.1 – 75.0	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	8.2	5.3 – 11.0	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	11.2	7.8 – 14.6	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	29.7	24.1 – 35.2	26.5	25.1 – 27.8

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Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Northern Kentucky ADD	Northern Kentucky		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.8	4.6 – 8.9	4.9	4.2 – 5.6
Adults who reported binge drinking	18.1	15.1 – 21.1	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	28.0	24.8 – 31.2	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	6.0	4.3 – 7.6	6.0	5.4 – 6.6
Adults who have coronary heart disease	5.5	4.0 – 6.9	6.1	5.5 – 6.6
Adults who have ever had a stroke	3.0	1.7 – 4.3	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	75.6	72.1 – 79.1	77.0	75.6 – 78.4
Adults with high blood cholesterol	39.6	35.6 – 43.6	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	17.6	14.8 – 20.3	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	10.1	8.0 – 12.1	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	20.5	17.5 – 23.4	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	7.6	5.7 – 9.5	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	84.0	81.3 – 86.7	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	81.8	78.5 – 85.1	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	78.3	74.4 – 82.3	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	31.9	28.1 – 35.7	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	34.6	31.2 – 38.1	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	70.3	62.9 – 77.7	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	70.9	63.5 – 78.3	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	34.5	30.9 – 38.1	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	32.9	29.1 – 36.8	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	69.9	66.2 – 73.7	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	6.5	4.8 – 8.3	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	7.0	5.1 – 8.9	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	24.6	21.3 – 27.9	26.5	25.1 – 27.8

% = 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 Relative Standard Error (RSE) is > 0.3 for any cell.

Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Pennyriple ADD	Pennyriple		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	13.9	8.8 – 19.0	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	34.1	28.6 – 39.6	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	8.1	5.4 – 10.7	6.0	5.4 – 6.6
Adults who have coronary heart disease	9.5	6.6 – 12.4	6.1	5.5 – 6.6
Adults who have ever had a stroke	5.1	3.1 – 7.1	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	73.4	66.3 – 80.4	77.0	75.6 – 78.4
Adults with high blood cholesterol	44.1	38.2 – 50.1	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	22.8	17.3 – 28.3	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	9.7	7.2 – 12.2	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	24.7	19.9 – 29.5	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	9.2	6.4 – 12.0	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	75.8	71.0 – 80.6	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	80.5	74.2 – 86.8	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	75.5	67.7 – 83.2	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	35.5	28.7 – 42.2	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	44.0	37.8 – 50.2	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	64.8	55.4 – 74.2	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	65.0	56.1 – 73.9	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	29.2	23.6 – 34.8	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	35.8	29.9 – 41.7	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	66.4	60.5 – 72.4	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	8.7	5.7 – 11.7	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	11.9	8.1 – 15.7	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	27.2	20.7 – 33.7	26.5	25.1 – 27.8

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
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Data collected in calendar year 2013

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Purchase ADD	Purchase		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	N/A		4.9	4.2 – 5.6
Adults who reported binge drinking	7.8	3.6 – 12.1	13.4	12.4 – 14.5
Arthritis				
Adults who have arthritis	30.1	25.0 – 35.3	31.9	30.6 – 33.2
Cardiovascular Disease				
Adults who have ever had a heart attack	6.4	4.1 – 8.8	6.0	5.4 – 6.6
Adults who have coronary heart disease	5.7	3.8 – 7.6	6.1	5.5 – 6.6
Adults who have ever had a stroke	2.9	1.6 – 4.2	4.2	3.7 – 4.7
Cholesterol Awareness				
Adults who had their blood cholesterol checked in past 5 years	77.0	71.0 – 84.4	77.0	75.6 – 78.4
Adults with high blood cholesterol	45.0	38.8 – 51.3	43.2	41.7 – 44.7
Depression				
Adults who have ever been diagnosed with a depressive disorder	18.7	12.4 – 25.0	20.2	19.0 – 21.4
Diabetes				
Adults who have diabetes	8.3	5.8 – 10.9	10.6	9.9 – 11.4
Disability				
Adults with limited activity due to physical, mental, or emotional problems	26.5	20.6 – 32.3	25.8	24.6 – 27.1
Adults with health problem(s) that requires the use of special equipment	11.2	7.3 – 15.1	10.0	9.2 – 10.8
General Health Status				
Adults who reported good or better health	77.6	72.0 – 83.2	76.7	75.5 – 77.9
Health Care Access/Coverage				
Adults who have health care coverage	83.6	77.7 – 89.5	82.0	80.8 – 83.3
Adults aged 18-64 who have health care coverage	78.6	71.0 – 86.2	78.0	76.5 – 79.5
HIV Screening Test				
Adults who have ever been tested for HIV	33.8	26.9 – 40.7	31.7	30.2 – 33.1
Hypertension Awareness				
Adults who have high blood pressure	43.6	37.2 – 50.1	39.1	37.7 – 40.4
Immunization				
Adults aged 65+ who had a flu shot in past year	71.9	64.7 – 79.1	65.6	62.9 – 68.2
Adults aged 65+ who have ever had a pneumococcal vaccination	75.7	69.4 – 82.0	67.7	65.1 – 70.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.5	26.6 – 38.4	34.1	32.7 – 35.5
Adults who are obese (BMI ≥ 30.0)	34.7	28.2 – 41.3	33.2	31.8 – 34.6
Physical Activity				
Adults who participate in any physical activity	69.8	63.4 – 76.1	69.8	68.4 – 71.2
Respiratory Disease				
Adults who currently have asthma	10.4	5.9 – 15.0	9.5	8.6 – 10.3
Adults who have COPD, emphysema, or chronic bronchitis	13.8	9.4 – 18.1	10.9	10.1 – 11.8
Tobacco Use				
Adults who are current smokers	27.4	20.9 – 33.9	26.5	25.1 – 27.8

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
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