2010

Kentucky Area Development District (ADD) Profiles

2010 Behavioral Risk Factor Surveillance System (BRFSS)

BRFSS
Behavioral Risk Factor Surveillance System

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Executive Summary

The following report consists of data collected by the Kentucky Behavioral Risk Factor Surveillance System (KY BRFSS) program for the calendar year 2010. The 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.

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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 age 18 or older who are living in a household with a telephone. 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 2010 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 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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Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

List of Variables	Nationwide*	Kentucky
	%	%
Alcohol Consumption		
Adults who reported heavy drinking	5.0	3.9
Adults who reported binge drinking	15.1	11.9
Asthma		
Adults who currently have asthma	9.1	10.4
Lifetime asthma prevalence among adults	13.8	14.9
Cardiovascular Disease		
Adults who have ever had a heart attack	4.2	6.0
Adults who have coronary heart disease	4.1	5.8
Adults who have ever had a stroke	2.7	3.5
Colorectal Cancer Screening		
Adults aged 50+ who had a blood stool test within past two years	17.3	14.3
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	65.3	63.7
Diabetes		
Adults who have Diabetes	8.7	10.0
Disability		
Adults with limited activity due to physical, mental, or emotional problems	21.2	25.0
Adults with health problem(s) that requires the use of special equipment	7.6	10.3
Exercise		
Adults who participated in any physical activity	76.1	70.7
General Health Status		
Adults who reported good or better health	85.3	78.5
Health Care Access/Coverage		
Adults who have health care coverage	85.0	83.1
Adults aged 18-64 who have health care coverage	82.2	79.7
Immunization		
Adults aged 65+ who had a flu shot in the past year	67.5	67.7
Adults aged 65+ who have ever had a pneumonia vaccination	68.8	64.6
Oral Health		
Adults aged 65+ who had all their natural teeth extracted	16.9	27.4
Adults who have had any permanent teeth extracted	43.6	53.1
Adults who visited the dentist or dental clinic within the past year for any reason	70.1	63.2
Overweight and Obesity (BMI)		
Adults who are overweight (BMI = 25.0 – 29.9)	36.2	35.7
Adults who are obese(BMI ≥ 30.0)	27.5	31.8
Prostate Cancer		
Men aged 40+ who had a PSA test within the past two years	53.3	49.8
Tobacco Use		
Adults who are current smokers	17.3	24.8
Women's Health		
Women aged 40+ who had a mammogram within the past two years	75.6	69.9
Women aged 18+ who had a PAP test within the past three years	81.1	80.9
Women aged 50+ who had a mammogram within the past two years	77.9	74.3

*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, **[2010]**

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Barren River ADD	Barren River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.6	1.4 – 5.9	3.9	3.2 – 4.7
Adults who reported binge drinking	8.7	4.6 – 12.8	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	9.9	6.6 – 13.1	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	15.2	11.2 – 19.3	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	7.3	4.4 – 10.2	6.0	5.3 – 6.8
Adults who have coronary heart disease	8.1	5.1 – 11.1	5.8	5.1 – 6.4
Adults who have ever had a stroke	3.2	1.7 – 4.6	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	14.6	9.4 – 19.8	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	62.7	56.6 – 68.7	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	8.1	5.5 – 10.7	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	27.2	22.3 – 32.0	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	10.1	7.1 – 13.2	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	69.3	63.9 – 74.6	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	73.7	68.9 – 78.6	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	74.9	69.6 – 80.3	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	69.5	63.1 – 75.9	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	34.5	29.5 – 39.6	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	60.7	51.9 – 69.6	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	58.2	49.1 – 67.3	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	25.8	17.9 – 33.7	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	54.3	48.4 – 60.1	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	57.9	52.2 – 63.6	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.5	31.0 – 42.0	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	32.2	26.8 – 37.7	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	47.1	36.9 – 57.3	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	27.6	22.1 – 33.2	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	70.0	64.1 – 75.9	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	77.9	71.2 – 84.6	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	71.7	65.1 – 78.2	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
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Big Sandy ADD	Big Sandy		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	2.0	0.6 – 3.4	3.9	3.2 – 4.7
Adults who reported binge drinking	6.1	3.2 – 9.0	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	18.0	13.3 – 22.7	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	23.3	18.2 – 28.4	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	10.3	6.8 – 13.7	6.0	5.3 – 6.8
Adults who have coronary heart disease	7.7	5.2 – 10.1	5.8	5.1 – 6.4
Adults who have ever had a stroke	5.9	2.8 – 8.9	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	18.4	13.2 – 23.5	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	60.0	53.8 – 66.1	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	16.9	13.0 – 20.8	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	39.1	33.8 – 44.5	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	16.7	13.1 – 20.3	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	64.3	59.3 – 69.4	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	62.7	57.4 – 68.0	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	80.9	76.1 – 85.8	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	77.0	71.2 – 82.8	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	43.7	38.1 – 49.2	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	66.3	56.4 – 76.3	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	69.6	60.1 – 79.2	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	40.6	30.5 – 50.7	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	68.4	62.7 – 74.0	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	57.5	52.0 – 63.0	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	37.3	31.7 – 42.8	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	35.7	30.4 – 41.0	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	57.5	47.8 – 67.2	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	25.0	20.0 – 30.0	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	68.4	61.9 – 74.8	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	78.3	70.5 – 86.2	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	74.8	68.2 – 81.3	74.3	72.3 – 76.3

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

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Bluegrass ADD	Bluegrass		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	2.5	1.0 – 3.9	3.9	3.2 – 4.7
Adults who reported binge drinking	9.4	5.6 – 13.3	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	8.8	5.4 – 12.1	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	11.9	8.2 – 15.6	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.5	3.4 – 7.6	6.0	5.3 – 6.8
Adults who have coronary heart disease	4.1	2.3 – 6.0	5.8	5.1 – 6.4
Adults who have ever had a stroke	3.8	2.0 – 5.6	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	11.9	8.6 – 15.2	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	66.1	60.3 – 71.9	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	8.8	6.4 – 11.2	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	22.9	18.4 – 27.5	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	7.5	5.0 – 10.1	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	74.5	69.8 – 79.2	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	84.5	80.9 – 88.1	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	85.9	81.1 – 90.7	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	83.4	77.7 – 89.1	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	45.8	39.7 – 51.8	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	68.9	61.5 – 76.3	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	68.3	61.0 – 75.7	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	77.1	70.7 – 83.5	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	46.5	40.6 – 52.4	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	67.8	62.0 – 73.5	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.2	29.3 – 41.1	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	30.6	25.0 – 36.1	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	44.6	34.2 – 55.0	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	23.2	17.8 – 28.6	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	65.5	58.0 – 72.9	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	83.6	78.3 – 88.8	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	73.2	67.4 – 79.0	74.3	72.3 – 76.3

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

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Buffalo Trace ADD	Buffalo Trace		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.5	1.2 – 5.9	3.9	3.2 – 4.7
Adults who reported binge drinking	10.4	6.3 – 14.4	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	10.2	7.2 – 13.1	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	16.5	12.1 – 20.8	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	6.4	4.3 – 8.6	6.0	5.3 – 6.8
Adults who have coronary heart disease	6.4	4.3 – 8.4	5.8	5.1 – 6.4
Adults who have ever had a stroke	3.1	2.0 – 4.2	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	14.5	10.0 – 19.0	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	59.6	53.2 – 66.0	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	9.7	7.1 – 12.3	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	26.5	21.4 – 31.5	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	11.2	7.9 – 14.9	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	65.7	60.2 – 71.1	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	79.1	75.0 – 83.3	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	81.8	76.8 – 86.7	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	77.6	71.6 – 83.6	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	44.2	38.4 – 50.0	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	69.4	61.8 – 76.9	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	65.3	57.6 – 73.0	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	32.3	25.0 – 39.7	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	58.6	52.6 – 64.7	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	54.0	48.1 – 59.8	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	40.5	34.5 – 46.4	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	30.6	25.3 – 36.0	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	48.3	37.9 – 58.6	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	30.0	24.0 – 35.8	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	68.4	61.9 – 74.8	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	74.6	67.2 – 81.9	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	72.2	65.9 – 78.4	74.3	72.3 – 76.3

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

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Cumberland Valley ADD	Cumberland Valley		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	1.0	0.0 – 2.1	3.9	3.2 – 4.7
Adults who reported binge drinking	5.1	2.2 -7.9	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	10.1	7.2 – 13.0	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	18.9	14.7 – 23.0	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.5	3.3 – 7.6	6.0	5.3 – 6.8
Adults who have coronary heart disease	7.8	5.2 – 10.4	5.8	5.1 – 6.4
Adults who have ever had a stroke	3.6	1.9 – 5.3	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	14.1	9.8 – 18.4	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	54.9	48.6 – 61.2	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	16.2	12.7 – 19.6	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	32.6	27.6 – 37.6	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	15.1	11.0 – 19.2	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	68.6	63.6 – 73.7	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	70.1	65.2 – 74.8	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	75.1	69.8 – 80.3	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	70.1	63.8 – 76.3	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	38.4	33.1 – 43.7	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	61.3	51.6 – 70.9	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	56.2	46.3 – 66.0	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	34.5	25.5 – 43.5	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	66.5	61.0 – 72.0	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	56.7	51.1 – 62.2	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	41.6	35.8 – 47.4	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	30.2	25.3 – 35.2	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	40.8	31.3 – 50.3	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	30.2	24.8 – 35.7	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	61.7	55.0 – 68.4	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	74.3	67.2 – 81.6	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	63.9	56.7 – 71.1	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

FIVCO ADD	FIVCO		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.4	2.7 – 8.2	3.9	3.2 – 4.7
Adults who reported binge drinking	12.0	7.5 – 16.5	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	12.0	8.6 – 15.5	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	19.6	15.0 – 24.1	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	9.7	6.5 – 12.9	6.0	5.3 – 6.8
Adults who have coronary heart disease	11.3	8.0 – 14.6	5.8	5.1 – 6.4
Adults who have ever had a stroke	6.1	3.7 – 8.5	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	11.7	7.3 – 16.0	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	58.4	51.6 – 65.2	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	15.8	11.9 – 19.8	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	30.3	25.2 – 35.4	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	13.7	10.1 – 17.3	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	65.4	60.2 – 70.6	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	72.0	65.2 – 74.8	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	83.5	79.0 – 88.0	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	79.8	74.2 – 85.4	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	40.0	34.4 – 45.4	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	61.7	52.2 – 71.1	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	66.2	57.0 – 75.5	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	29.2	20.3 – 38.0	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	61.1	55.3 – 66.9	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	55.8	50.1 – 61.4	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	37.5	31.7 – 43.3	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	34.3	28.8 – 39.7	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	48.4	37.6 – 59.1	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	29.0	23.6 – 34.3	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	67.5	60.8 – 74.2	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	76.3	69.7 – 82.8	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	70.8	63.9 – 77.6	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Gateway ADD	Gateway		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.7	1.4 – 9.6	3.9	3.2 – 4.7
Adults who reported binge drinking	11.8	6.7 – 16.9	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	8.2	5.7 – 10.6	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	13.5	9.0 – 18.0	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	8.0	5.0 – 11.1	6.0	5.3 – 6.8
Adults who have coronary heart disease	6.6	3.9 – 9.2	5.8	5.1 – 6.4
Adults who have ever had a stroke	3.5	2.0 – 4.9	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	15.8	10.7 – 20.9	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	61.6	55.4 – 67.8	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	12.8	9.2 – 16.3	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	30.3	24.2 – 36.4	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	13.3	9.1 – 17.4	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	65.1	58.0 – 72.1	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	75.4	70.4 – 80.3	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	77.2	71.0 – 83.4	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	72.5	65.1 – 80.0	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	42.1	35.3 – 48.8	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	61.7	52.4 – 71.0	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	60.2	50.7 – 69.7	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	35.8	26.6 – 45.0	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	55.4	48.1 – 62.8	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	56.3	49.4 – 63.2	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.1	26.6 – 39.6	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	37.5	29.9 – 45.1	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	47.2	35.8 – 58.5	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	28.5	22.1 – 34.8	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	67.3	61.2 – 73.3	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	74.7	59.9 – 89.6	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	69.4	63.1 – 75.8	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Green River ADD	Green River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.3	1.5 -5.0	3.9	3.2 – 4.7
Adults who reported binge drinking	11.9	7.8 – 16.1	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	14.4	9.8 – 18.9	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	19.9	13.9 – 25.9	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.1	3.2 – 7.0	6.0	5.3 – 6.8
Adults who have coronary heart disease	6.0	3.8 – 8.1	5.8	5.1 – 6.4
Adults who have ever had a stroke	5.1	3.2 – 6.9	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	20.7	15.9 – 25.5	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	66.1	59.8 – 72.3	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	10.6	7.3 – 13.8	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	27.9	22.5 – 33.2	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	10.5	7.6 – 13.4	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	71.3	65.7 – 77.0	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	79.2	74.9 – 83.5	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	85.9	81.2 – 90.7	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	82.8	76.9 – 88.7	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	34.5	29.5 – 39.6	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	60.7	51.9 – 69.6	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	58.2	49.1 – 67.3	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	23.7	16.1 – 31.4	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	52.4	45.8 – 58.9	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	68.5	25.3 – 37.6	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.8	26.8 – 38.8	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	28.4	22.5 – 34.2	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	53.8	42.5 – 65.1	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	22.2	16.6 – 27.8	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	79.8	74.6 – 85.0	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	81.3	72.1 – 90.5	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	80.9	75.6 – 86.2	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Kentucky River ADD	Kentucky River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.4	1.0 – 5.8	3.9	3.2 – 4.7
Adults who reported binge drinking	9.4	5.7 – 13.1	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	13.5	9.9 – 17.0	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	18.2	14.0 – 22.4	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	10.1	7.0 – 13.3	6.0	5.3 – 6.8
Adults who have coronary heart disease	8.1	5.6 – 10.5	5.8	5.1 – 6.4
Adults who have ever had a stroke	4.4	2.8 – 6.1	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	10.3	7.0 – 13.6	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	52.8	46.3 – 59.3	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	15.9	12.4 – 19.3	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	37.6	32.6 – 42.6	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	16.9	12.8 – 20.9	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	60.3	55.3 – 65.4	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	64.1	59.3 – 69.0	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	79.8	75.3 – 84.2	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	76.1	70.8 – 81.5	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	32.1	27.4 – 36.8	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	61.5	52.0 – 70.9	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	70.6	62.1 – 79.1	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	45.7	36.1 – 55.4	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	70.9	65.7 – 76.0	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	51.9	46.6 – 57.2	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	34.8	29.6 – 39.9	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	42.7	37.2 – 48.2	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	48.7	37.8 – 59.5	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	27.5	22.8 – 32.3	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	66.2	60.3 – 72.0	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	74.3	68.3 – 80.4	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	67.6	61.2 – 74.0	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

KIPDA ADD	KIPDA		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.3	2.9 – 7.6	3.9	3.2 – 4.7
Adults who reported binge drinking	15.7	11.2 – 20.2	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	10.1	7.0 – 13.2	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	12.6	9.0 – 16.1	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	4.0	2.1 – 6.0	6.0	5.3 – 6.8
Adults who have coronary heart disease	4.1	2.4 – 5.8	5.8	5.1 – 6.4
Adults who have ever had a stroke	2.4	1.2 – 3.6	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	16.0	11.5 – 20.5	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	65.7	59.7 – 71.7	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	6.6	4.5 – 8.7	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	19.7	16.0 – 23.4	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	10.1	7.1 – 13.0	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	73.0	68.5 – 77.5	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	82.3	78.4 – 86.1	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	85.2	80.8 – 89.7	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	82.3	76.9 – 87.6	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	44.6	39.1 – 50.1	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	75.6	68.2 – 83.1	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	62.2	53.2 – 71.2	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	23.4	15.5 – 31.3	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	46.3	40.8 – 51.8	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	66.2	60.7 – 71.6	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.9	30.4 – 40.4	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	30.1	25.0 – 35.2	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	54.6	45.4 – 63.8	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	22.9	18.2 – 27.5	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	74.6	68.4 – 80.8	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	82.5	76.3 – 88.7	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	78.4	72.4 – 84.4	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Lake Cumberland ADD	Lake Cumberland		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	4.7	0.2 – 9.2	3.9	3.2 – 4.7
Adults who reported binge drinking	7.3	3.9 – 10.8	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	10.6	7.8 – 13.5	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	15.1	11.4 – 18.9	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	9.0	6.3 – 11.6	6.0	5.3 – 6.8
Adults who have coronary heart disease	8.3	5.8 – 10.8	5.8	5.1 – 6.4
Adults who have ever had a stroke	6.2	4.2 – 8.2	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	12.3	8.5 – 16.2	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	55.1	48.9 -61.3	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	10.1	7.5 – 12.7	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	27.3	22.9 – 31.7	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	9.9	7.3 – 12.4	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	63.6	58.1 – 69.1	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	69.8	64.5 – 75.0	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	83.7	79.4 – 88.0	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	79.5	74.1 – 84.8	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	37.4	32.2 – 42.7	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	62.4	54.6 – 70.3	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	61.6	53.7 – 69.6	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	32.8	25.4 – 40.2	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	65.4	60.0 – 70.9	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	60.6	55.2 – 65.9	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	34.0	28.6 – 39.3	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	32.5	27.3 – 37.7	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	60.7	50.8 – 70.6	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	28.2	22.6 – 33.8	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	68.7	62.7 – 74.7	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	75.4	68.8 – 82.1	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	69.8	63.3 – 76.3	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Lincoln Trail ADD	Lincoln Trail		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.6	2.1 – 9.1	3.9	3.2 – 4.7
Adults who reported binge drinking	14.4	9.2 – 19.6	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	9.9	6.6 – 13.2	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	16.7	11.7 – 19.3	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	7.3	4.1 – 10.5	6.0	5.3 – 6.8
Adults who have coronary heart disease	6.3	3.8 – 8.8	5.8	5.1 – 6.4
Adults who have ever had a stroke	2.9	1.5 -4.2	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	12.3	8.0 – 16.5	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	64.3	58.2 – 70.3	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	11.4	7.7 – 15.1	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	23.3	18.7 – 27.9	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	12.1	8.9 – 15.3	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	69.7	63.9 – 75.5	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	77.6	72.7 – 82.5	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	82.2	76.1 – 88.2	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	78.4	71.2 – 85.5	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	44.5	38.3 – 50.8	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	70.0	61.3 – 78.6	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	61.4	52.1 – 70.8	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	30.4	21.7 – 39.2	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	55.9	49.5 – 62.3	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	66.7	60.7 – 72.6	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	34.9	26.7 – 38.7	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	32.4	26.5 – 38.3	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	44.3	34.6 – 54.0	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	27.4	66.6 – 78.6	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	75.7	69.7 – 81.6	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	83.6	77.4 – 89.7	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	74.2	67.6 – 80.9	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Northern Kentucky ADD	Northern Kentucky		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.0	3.0 – 9.0	3.9	3.2 – 4.7
Adults who reported binge drinking	17.8	12.8 – 22.8	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	10.2	6.9 – 13.5	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	12.9	9.3 – 16.5	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.1	3.4 – 6.9	6.0	5.3 – 6.8
Adults who have coronary heart disease	5.3	3.4 – 7.1	5.8	5.1 – 6.4
Adults who have ever had a stroke	1.6	0.8 – 2.4	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	11.3	7.7 – 14.8	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	65.9	60.2 – 71.7	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	10.6	7.8 – 13.5	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	21.4	17.4 – 25.4	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	6.6	4.6 – 8.6	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	74.1	69.3 – 78.9	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	85.5	82.1 – 88.9	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	85.2	80.7 – 89.7	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	82.6	77.3 – 88.0	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	45.5	39.9 – 51.1	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	65.6	58.0 – 73.3	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	69.5	61.7 – 77.2	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	21.7	15.3 – 28.0	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	50.5	44.8 – 56.1	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	65.0	59.7 – 70.3	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.3	30.8 – 41.9	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	33.4	27.8 – 39.0	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	43.0	33.2 – 52.9	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	23.4	18.6 – 28.1	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	65.8	58.8 – 72.7	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	82.5	75.9 – 89.1	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	74.1	68.0 – 80.0	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Pennyrile ADD	Pennyrile		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	2.9	0.8 – 5.0	3.9	3.2 – 4.7
Adults who reported binge drinking	13.3	8.3 – 18.2	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	11.7	7.5 – 15.8	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	19.5	13.8 – 25.3	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	6.3	4.0 – 8.5	6.0	5.3 – 6.8
Adults who have coronary heart disease	6.1	3.9 – 8.3	5.8	5.1 – 6.4
Adults who have ever had a stroke	4.0	2.1 – 5.8	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	19.3	14.5 – 24.0	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	66.0	59.9 – 72.0	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	8.3	5.9 – 10.8	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	25.9	21.2 – 30.7	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	10.6	7.5 – 13.5	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	66.2	60.7 – 71.7	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	74.3	69.7 – 79.0	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	84.9	79.5 – 90.3	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	82.0	75.4 – 88.6	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	48.0	41.9 – 54.0	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	73.3	66.5 – 80.2	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	69.6	62.3 – 77.0	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	32.1	24.7 – 39.5	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	52.4	46.1 – 58.6	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	59.1	53.2 – 65.0	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.5	29.8 – 41.3	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	32.8	27.0 – 38.7	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	56.2	46.4 – 66.0	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	23.3	18.2 – 28.4	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	74.5	68.9 – 80.1	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	84.4	76.7 – 92.1	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	78.3	72.6 – 83.9	74.3	72.3 – 76.3

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

Area Development District (ADD) Profiles
Kentucky Behavioral Risk Factor Surveillance System (BRFSS) 2010

Purchase ADD	Purchase		Kentucky	
	%	95% CI		%
Alcohol Consumption				
Adults who reported heavy drinking	1.7	0.2 – 3.2	3.9	3.2 – 4.7
Adults who reported binge drinking	10.7	5.9-15.4	11.9	10.5 – 13.4
Asthma				
Adults who currently have asthma	6.6	3.8 – 9.5	10.4	9.3 – 11.5
Lifetime asthma prevalence among adults	11.1	6.7 – 15.5	14.9	13.6 – 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.0	3.2 – 6.8	6.0	5.3 – 6.8
Adults who have coronary heart disease	4.2	2.6 – 5.8	5.8	5.1 – 6.4
Adults who have ever had a stroke	4.0	2.4 – 5.6	3.5	3.0 – 4.0
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	13.9	10.0 – 17.8	14.3	12.9 – 15.7
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	72.4	66.9 – 77.9	63.7	61.7 – 65.7
Diabetes				
Adults who have Diabetes	10.0	7.3 – 12.7	10.0	9.2 – 10.9
Disability				
Adults with limited activity due to physical, mental, or emotional problems	22.9	18.5 – 27.3	25.0	23.5 – 26.4
Adults with health problem(s) that requires the use of special equipment	10.0	7.0 – 13.1	10.3	9.4 – 11.3
Exercise				
Adults who participated in any physical activity	73.7	68.8 – 78.6	70.7	69.1 – 72.3
General Health Status				
Adults who reported good or better health	79.9	75.2 – 84.6	78.5	77.1 – 79.8
Health Care Access/Coverage				
Adults who have health care coverage	81.3	75.7 – 86.8	83.1	81.5 – 84.7
Adults aged 18-64 who have health care coverage	75.9	69.0 – 82.9	79.7	77.8 – 81.6
Immunization				
Adults who had a flu shot in the past year	40.9	35.1 – 46.8	42.7	40.8 – 44.6
Adults aged 65+ who had a flu shot in the past year	61.5	54.2 – 68.7	67.7	65.2 – 70.2
Adults aged 65+ who have ever had a pneumonia vaccination	61.8	54.4 – 69.1	64.6	61.8 – 67.3
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	24.4	18.0 – 30.8	27.4	25.0 – 29.8
Adults who have had any permanent teeth extracted	51.6	45.5 – 57.7	53.1	51.1 – 55.0
Adults who visited the dentist or dental clinic within the past year for any reason	62.7	56.7 – 68.6	63.2	61.3 – 65.1
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.4	26.8 – 37.9	35.7	33.8 – 37.6
Adults who are obese(BMI ≥ 30.0)	30.7	25.1 – 36.2	31.8	30.0 – 33.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	56.6	47.4 – 65.8	49.8	46.5 – 53.0
Tobacco Use				
Adults who are current smokers	22.7	17.2 – 28.2	24.8	23.1 – 26.5
Women's Health				
Women aged 40+ who had a mammogram within the past two years	71.3	64.3 – 78.2	69.9	67.7 – 72.2
Women aged 18+ who had a PAP test within the past three years	82.7	75.7 – 89.7	80.9	78.8 – 83.1
Women aged 50+ who had a mammogram within the past two years	78.4	73.1 – 83.8	74.3	72.3 – 76.3

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