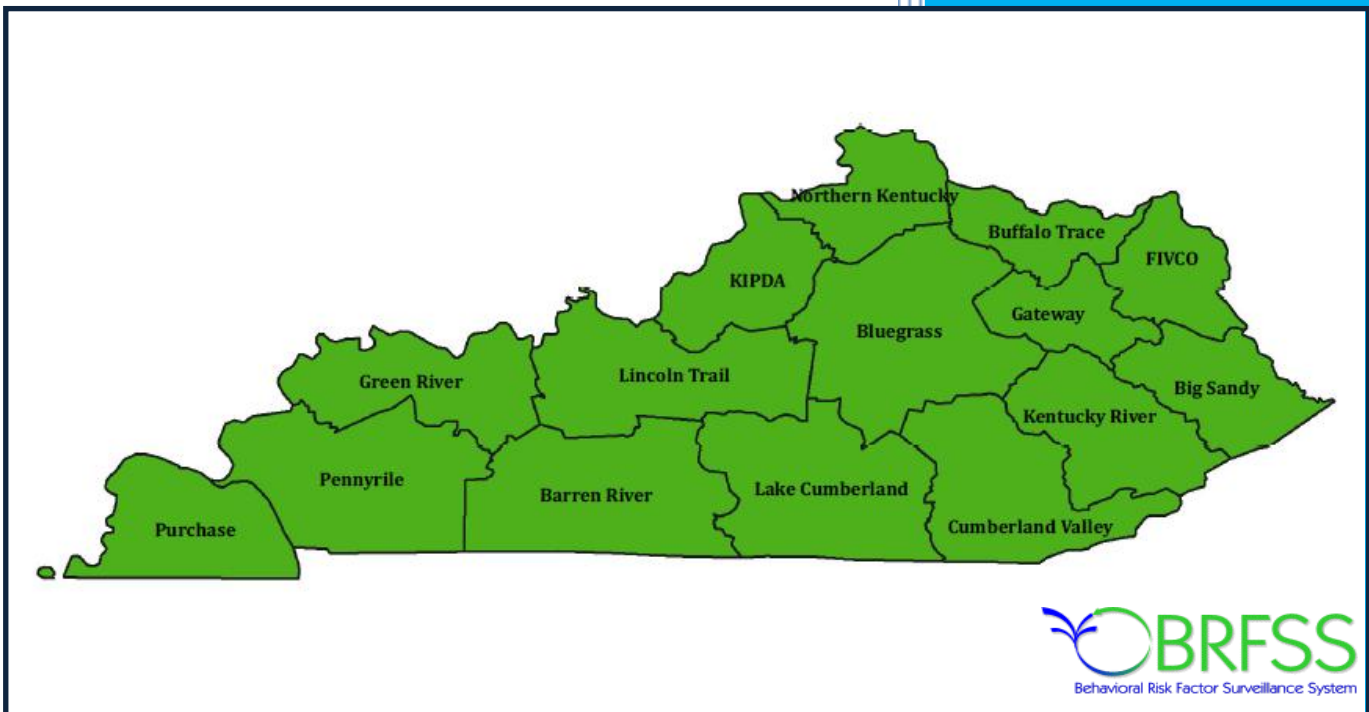


# 2012

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



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

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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 for the calendar year 2011. 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.

*The 2011 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 2011 BRFSS data should be considered a baseline year for data analysis; It is not directly comparable to previous years of BRFSS data. Comparing 2011 BRFSS data with BRFSS data from previous years may cause misinterpretation of trend line shifts in prevalence estimates.*

The changes in BRFSS protocol 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 2011 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.

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

This report was prepared by Seth Siameh, BRFSS Epidemiologist, and Sarojini Kanotra, BRFSS Director and Coordinator. Questions concerning this report should be directed to [Seth.Siameh@ky.gov](mailto:Seth.Siameh@ky.gov) or [Sarojini.Kanotra@ky.gov](mailto:Sarojini.Kanotra@ky.gov).

**Suggested citation:** *Kentucky Behavioral Risk Factor Surveillance System Survey Data*. Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, [2011]

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

| List of Variables   | Nationwide *<br>(States and DC) | Kentucky |             |
|---|---------------------------------|----------|-------------|
|   | Median %                        | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |                                 |          |             |
| Adults who reported heavy drinking  | 6.6                             | 5.7      | 4.9 - 6.5   |
| Adults who reported binge drinking  | 18.3                            | 16.1     | 14.8 - 17.4 |
| <b>Arthritis</b>  |                                 |          |             |
| Adults who have arthritis   | 24.4                            | 31.9     | 30.5 - 33.2 |
| <b>Asthma</b>   |                                 |          |             |
| Adults who currently have asthma  | 9.1                             | 10.5     | 9.5 - 11.4  |
| Lifetime asthma prevalence among adults                                     | 13.6                            | 15.0     | 13.9 - 16.2 |
| <b>Cardiovascular Disease</b>   |                                 |          |             |
| Adults who have ever had a heart attack                                     | 4.4                             | 6.1      | 5.4 - 6.7   |
| Adults who have coronary heart disease                                      | 4.1                             | 5.9      | 5.2 - 6.5   |
| Adults who have ever had a stroke   | 2.9                             | 3.9      | 3.3 - 4.5   |
| <b>Cholesterol Awareness</b>  |                                 |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 75.5                            | 75.7     | 74.2 - 77.2 |
| Adults with high blood cholesterol  | 38.4                            | 41.3     | 39.8 - 42.9 |
| <b>Diabetes</b>   |                                 |          |             |
| Adults who have Diabetes  | 9.5                             | 10.8     | 10.0 - 11.6 |
| <b>Disability</b>   |                                 |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 24.3                            | 29.3     | 27.9 - 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 7.9                             | 11.3     | 10.3 - 12.2 |
| <b>General Health Status</b>  |                                 |          |             |
| Adults who reported good or better health                                   | 83.1                            | 77.6     | 76.4 - 78.8 |
| <b>Health Care Access/Coverage</b>  |                                 |          |             |
| Adults who have health care coverage  | 82.1                            | 81.4     | 80.1 - 82.8 |
| Adults aged 18-64 who have health care coverage                             | 78.7                            | 77.7     | 76.1 - 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |                                 |          |             |
| Adults who have ever been tested for HIV                                    | Not Available                   | 30.4     | 28.8 - 31.9 |
| <b>Hypertension Awareness</b>   |                                 |          |             |
| Adults who have high blood pressure   | 30.8                            | 38.0     | 36.5 - 39.4 |
| <b>Immunization</b>   |                                 |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 61.3                            | 64.2     | 61.6 - 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 70.0                            | 70.0     | 67.6 - 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |                                 |          |             |
| Adults who are overweight (BMI = 25.0 - 29.9)                               | 35.7                            | 36.1     | 34.6 - 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 27.8                            | 30.4     | 28.9 - 31.8 |
| <b>Physical Activity</b>  |                                 |          |             |
| Adults who participate in any physical activity                             | 73.8                            | 70.7     | 69.3 - 72.1 |
| <b>Tobacco Use</b>  |                                 |          |             |
| Adults who are current smokers  | 21.2                            | 29.0     | 27.5 - 30.5 |

\*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, [2011]

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

| Barren River ADD  | Barren River |             | Kentucky |             |
|---|--------------|-------------|----------|-------------|
|   | %            | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |              |             |          |             |
| Adults who reported heavy drinking  | 7.0          | 2.9 – 11.0  | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 20.6         | 14.9– 26.2  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |              |             |          |             |
| Adults who have arthritis   | 31.0         | 26.4 – 35.6 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |              |             |          |             |
| Adults who currently have asthma  | 10.8         | 7.3 – 14.2  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 17.4         | 12.6 – 22.2 | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |              |             |          |             |
| Adults who have ever had a heart attack                                     | 5.8          | 3.1 – 8.4   | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 4.1          | 2.5 – 5.6   | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 5.9          | 2.4 – 9.4   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |              |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 73.2         | 67.3 – 79.2 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 39.6         | 34.1 – 45.1 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |              |             |          |             |
| Adults who have Diabetes  | 10.5         | 7.7 – 13.4  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |              |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 31.7         | 26.3 – 37.1 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 12.5         | 7.9 – 17.2  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |              |             |          |             |
| Adults who reported good or better health                                   | 79.1         | 74.9 – 83.3 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |              |             |          |             |
| Adults who have health care coverage  | 82.0         | 77.0 – 87.0 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 78.8         | 72.7 – 84.9 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |              |             |          |             |
| Adults who have ever been tested for HIV                                    | 28.6         | 23.0 – 34.1 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |              |             |          |             |
| Adults who have high blood pressure   | 36.8         | 31.7 – 42.0 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |              |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 63.6         | 54.9 – 72.4 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 69.8         | 61.4 – 78.3 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |              |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 36.5         | 30.8 – 42.2 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 29.2         | 24.0 – 34.4 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |              |             |          |             |
| Adults who participate in any physical activity                             | 65.2         | 59.6 – 70.9 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |              |             |          |             |
| Adults who are current smokers  | 28.0         | 22.6 – 33.5 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| Big Sandy ADD   | Big Sandy |             | Kentucky |             |
|---|-----------|-------------|----------|-------------|
|   | %         | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |           |             |          |             |
| Adults who reported heavy drinking  | 3.9       | 1.4 – 6.5   | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 10.8      | 6.6 – 15.1  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |           |             |          |             |
| Adults who have arthritis   | 50.7      | 45.3 – 56.1 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |           |             |          |             |
| Adults who currently have asthma  | 12.0      | 8.9 – 15.0  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 16.4      | 12.9 – 19.9 | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |           |             |          |             |
| Adults who have ever had a heart attack                                     | 8.2       | 5.5 – 10.8  | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 8.3       | 5.9 – 10.6  | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 3.5       | 2.1 – 5.0   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |           |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 81.1      | 76.6 – 85.6 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 55.0      | 49.3 – 60.8 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |           |             |          |             |
| Adults who have Diabetes  | 17.1      | 13.5 – 20.7 | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |           |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 42.2      | 36.6 – 47.7 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 21.5      | 16.7 – 26.3 | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |           |             |          |             |
| Adults who reported good or better health                                   | 61.7      | 56.8 – 66.5 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |           |             |          |             |
| Adults who have health care coverage  | 84.1      | 80.1 – 88.1 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 80.7      | 75.9 – 85.6 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |           |             |          |             |
| Adults who have ever been tested for HIV                                    | 22.6      | 17.9 – 27.3 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |           |             |          |             |
| Adults who have high blood pressure   | 50.3      | 45.2 – 55.5 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |           |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 70.0      | 60.8 – 79.2 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 77.0      | 68.6 – 85.4 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |           |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 31.9      | 26.6 – 37.1 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 40.3      | 34.8 – 45.7 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |           |             |          |             |
| Adults who participate in any physical activity                             | 64.9      | 59.5 – 70.2 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |           |             |          |             |
| Adults who are current smokers  | 31.0      | 25.7 – 36.3 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011



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

| Bluegrass ADD   | Bluegrass |             | Kentucky |             |
|---|-----------|-------------|----------|-------------|
|   | %         | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |           |             |          |             |
| Adults who reported heavy drinking  | 6.1       | 4.3 - 7.9   | 5.7      | 4.9 - 6.5   |
| Adults who reported binge drinking  | 17.1      | 13.8 - 20.4 | 16.1     | 14.8 - 17.4 |
| <b>Arthritis</b>  |           |             |          |             |
| Adults who have arthritis   | 25.6      | 22.3 - 28.9 | 31.9     | 30.5 - 33.2 |
| <b>Asthma</b>   |           |             |          |             |
| Adults who currently have asthma  | 9.5       | 7.0 - 12.1  | 10.5     | 9.5 - 11.4  |
| Lifetime asthma prevalence among adults                                     | 13.2      | 10.3 - 16.2 | 15.0     | 13.9 - 16.2 |
| <b>Cardiovascular Disease</b>   |           |             |          |             |
| Adults who have ever had a heart attack                                     | 4.5       | 3.0 - 6.1   | 6.1      | 5.4 - 6.7   |
| Adults who have coronary heart disease                                      | 4.1       | 2.6 - 5.5   | 5.9      | 5.2 - 6.5   |
| Adults who have ever had a stroke   | 4.0       | 2.3 - 5.8   | 3.9      | 3.3 - 4.5   |
| <b>Cholesterol Awareness</b>  |           |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 76.3      | 72.5 - 80.1 | 75.7     | 74.2 - 77.2 |
| Adults with high blood cholesterol  | 37.8      | 33.5 - 42.2 | 41.3     | 39.8 - 42.9 |
| <b>Diabetes</b>   |           |             |          |             |
| Adults who have Diabetes  | 10.6      | 8.3 - 12.9  | 10.8     | 10.0 - 11.6 |
| <b>Disability</b>   |           |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 27.9      | 24.1 - 31.7 | 29.3     | 27.9 - 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 10.0      | 7.5 - 12.4  | 11.3     | 10.3 - 12.2 |
| <b>General Health Status</b>  |           |             |          |             |
| Adults who reported good or better health                                   | 81.8      | 78.4 - 85.1 | 77.6     | 76.4 - 78.8 |
| <b>Health Care Access/Coverage</b>  |           |             |          |             |
| Adults who have health care coverage  | 83.8      | 80.5 - 87.1 | 81.4     | 80.1 - 82.8 |
| Adults aged 18-64 who have health care coverage                             | 81.4      | 77.6 - 85.3 | 77.7     | 76.1 - 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |           |             |          |             |
| Adults who have ever been tested for HIV                                    | 30.4      | 26.3 - 34.5 | 30.4     | 28.8 - 31.9 |
| <b>Hypertension Awareness</b>   |           |             |          |             |
| Adults who have high blood pressure   | 36.9      | 33.0 - 40.9 | 38.0     | 36.5 - 39.4 |
| <b>Immunization</b>   |           |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 69.7      | 62.3 - 77.0 | 64.2     | 61.6 - 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 73.0      | 66.0 - 80.0 | 70.0     | 67.6 - 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |           |             |          |             |
| Adults who are overweight (BMI = 25.0 - 29.9)                               | 38.0      | 33.9 - 42.2 | 36.1     | 34.6 - 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 25.8      | 22.2 - 29.5 | 30.4     | 28.9 - 31.8 |
| <b>Physical Activity</b>  |           |             |          |             |
| Adults who participate in any physical activity                             | 76.0      | 72.5 - 79.6 | 70.7     | 69.3 - 72.1 |
| <b>Tobacco Use</b>  |           |             |          |             |
| Adults who are current smokers  | 25.2      | 21.4 - 29.0 | 29.0     | 27.5 - 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011



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

| Buffalo Trace ADD   | Buffalo Trace |             | Kentucky |             |
|---|---------------|-------------|----------|-------------|
|   | %             | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |               |             |          |             |
| Adults who reported heavy drinking  | 2.0           | 0.7 - 3.2   | 5.7      | 4.9 - 6.5   |
| Adults who reported binge drinking  | 9.1           | 4.3 - 13.9  | 16.1     | 14.8 - 17.4 |
| <b>Arthritis</b>  |               |             |          |             |
| Adults who have arthritis   | 32.5          | 25.7 - 39.3 | 31.9     | 30.5 - 33.2 |
| <b>Asthma</b>   |               |             |          |             |
| Adults who currently have asthma  | 10.0          | 5.7 - 14.4  | 10.5     | 9.5 - 11.4  |
| Lifetime asthma prevalence among adults                                     | 12.2          | 7.7 - 16.7  | 15.0     | 13.9 - 16.2 |
| <b>Cardiovascular Disease</b>   |               |             |          |             |
| Adults who have ever had a heart attack                                     | 5.0           | 2.7 - 7.3   | 6.1      | 5.4 - 6.7   |
| Adults who have coronary heart disease                                      | 5.5           | 3.0 - 8.0   | 5.9      | 5.2 - 6.5   |
| Adults who have ever had a stroke   | 2.5           | 1.4 - 3.6   | 3.9      | 3.3 - 4.5   |
| <b>Cholesterol Awareness</b>  |               |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 70.6          | 62.4 - 78.8 | 75.7     | 74.2 - 77.2 |
| Adults with high blood cholesterol  | 41.5          | 33.9 - 49.0 | 41.3     | 39.8 - 42.9 |
| <b>Diabetes</b>   |               |             |          |             |
| Adults who have Diabetes  | 17.0          | 11.4 - 22.6 | 10.8     | 10.0 - 11.6 |
| <b>Disability</b>   |               |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 25.7          | 19.2 - 32.2 | 29.3     | 27.9 - 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 10.2          | 7.1 - 13.3  | 11.3     | 10.3 - 12.2 |
| <b>General Health Status</b>  |               |             |          |             |
| Adults who reported good or better health                                   | 71.9          | 65.0 - 78.8 | 77.6     | 76.4 - 78.8 |
| <b>Health Care Access/Coverage</b>  |               |             |          |             |
| Adults who have health care coverage  | 77.3          | 68.8 - 85.8 | 81.4     | 80.1 - 82.8 |
| Adults aged 18-64 who have health care coverage                             | N/A           |             | 77.7     | 76.1 - 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |               |             |          |             |
| Adults who have ever been tested for HIV                                    | 20.0          | 12.7 - 27.3 | 30.4     | 28.8 - 31.9 |
| <b>Hypertension Awareness</b>   |               |             |          |             |
| Adults who have high blood pressure   | 39.5          | 32.8 - 46.3 | 38.0     | 36.5 - 39.4 |
| <b>Immunization</b>   |               |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 66.1          | 58.5 - 73.7 | 64.2     | 61.6 - 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 75.1          | 68.9 - 81.3 | 70.0     | 67.6 - 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |               |             |          |             |
| Adults who are overweight (BMI = 25.0 - 29.9)                               | 37.4          | 29.0 - 45.8 | 36.1     | 34.6 - 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 33.1          | 25.6 - 40.6 | 30.4     | 28.9 - 31.8 |
| <b>Physical Activity</b>  |               |             |          |             |
| Adults who participate in any physical activity                             | 62.9          | 54.9 - 70.9 | 70.7     | 69.3 - 72.1 |
| <b>Tobacco Use</b>  |               |             |          |             |
| Adults who are current smokers  | 29.9          | 22.0 - 37.8 | 29.0     | 27.5 - 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| Cumberland Valley ADD   | Cumberland Valley |             | Kentucky |             |
|---|-------------------|-------------|----------|-------------|
|   | %                 | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |                   |             |          |             |
| Adults who reported heavy drinking  | 2.3               | 0.4 - 4.1   | 5.7      | 4.9 - 6.5   |
| Adults who reported binge drinking  | 10.3              | 5.5 - 15.1  | 16.1     | 14.8 - 17.4 |
| <b>Arthritis</b>  |                   |             |          |             |
| Adults who have arthritis   | 42.4              | 37.0 - 47.8 | 31.9     | 30.5 - 33.2 |
| <b>Asthma</b>   |                   |             |          |             |
| Adults who currently have asthma  | 12.4              | 9.0 - 15.8  | 10.5     | 9.5 - 11.4  |
| Lifetime asthma prevalence among adults                                     | 16.8              | 12.9 - 20.7 | 15.0     | 13.9 - 16.2 |
| <b>Cardiovascular Disease</b>   |                   |             |          |             |
| Adults who have ever had a heart attack                                     | 11.5              | 8.0 - 14.9  | 6.1      | 5.4 - 6.7   |
| Adults who have coronary heart disease                                      | 10.4              | 7.1 - 13.6  | 5.9      | 5.2 - 6.5   |
| Adults who have ever had a stroke   | 4.8               | 2.7 - 7.0   | 3.9      | 3.3 - 4.5   |
| <b>Cholesterol Awareness</b>  |                   |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 76.1              | 70.7 - 81.5 | 75.7     | 74.2 - 77.2 |
| Adults with high blood cholesterol  | 52.4              | 46.8 - 58.0 | 41.3     | 39.8 - 42.9 |
| <b>Diabetes</b>   |                   |             |          |             |
| Adults who have Diabetes  | 12.9              | 9.3 - 16.5  | 10.8     | 10.0 - 11.6 |
| <b>Disability</b>   |                   |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 35.0              | 29.5 - 40.4 | 29.3     | 27.9 - 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 13.1              | 9.7 - 16.5  | 11.3     | 10.3 - 12.2 |
| <b>General Health Status</b>  |                   |             |          |             |
| Adults who reported good or better health                                   | 66.9              | 62.0 - 71.8 | 77.6     | 76.4 - 78.8 |
| <b>Health Care Access/Coverage</b>  |                   |             |          |             |
| Adults who have health care coverage  | 81.8              | 77.7 - 85.9 | 81.4     | 80.1 - 82.8 |
| Adults aged 18-64 who have health care coverage                             | 78.0              | 73.0 - 83.0 | 77.7     | 76.1 - 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |                   |             |          |             |
| Adults who have ever been tested for HIV                                    | 28.7              | 23.1 - 34.2 | 30.4     | 28.8 - 31.9 |
| <b>Hypertension Awareness</b>   |                   |             |          |             |
| Adults who have high blood pressure   | 46.4              | 41.0 - 51.7 | 38.0     | 36.5 - 39.4 |
| <b>Immunization</b>   |                   |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | N/A               |             | 64.2     | 61.6 - 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | N/A               |             | 70.0     | 67.6 - 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |                   |             |          |             |
| Adults who are overweight (BMI = 25.0 - 29.9)                               | 38.9              | 33.5 - 44.4 | 36.1     | 34.6 - 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 35.2              | 29.9 - 40.5 | 30.4     | 28.9 - 31.8 |
| <b>Physical Activity</b>  |                   |             |          |             |
| Adults who participate in any physical activity                             | 67.5              | 62.1 - 72.8 | 70.7     | 69.3 - 72.1 |
| <b>Tobacco Use</b>  |                   |             |          |             |
| Adults who are current smokers  | 34.5              | 29.1 - 39.9 | 29.0     | 27.5 - 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| FIVCO ADD   | FIVCO |             | Kentucky |             |
|---|-------|-------------|----------|-------------|
|   | %     | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |       |             |          |             |
| Adults who reported heavy drinking  | 2.6   | 0.1 - 5.0   | 5.7      | 4.9 - 6.5   |
| Adults who reported binge drinking  | 8.1   | 4.3 - 11.9  | 16.1     | 14.8 - 17.4 |
| <b>Arthritis</b>  |       |             |          |             |
| Adults who have arthritis   | 36.2  | 31.1 - 41.4 | 31.9     | 30.5 - 33.2 |
| <b>Asthma</b>   |       |             |          |             |
| Adults who currently have asthma  | 12.4  | 8.8 - 15.9  | 10.5     | 9.5 - 11.4  |
| Lifetime asthma prevalence among adults                                     | 16.9  | 12.6 - 21.3 | 15.0     | 13.9 - 16.2 |
| <b>Cardiovascular Disease</b>   |       |             |          |             |
| Adults who have ever had a heart attack                                     | 10.7  | 7.2 - 14.1  | 6.1      | 5.4 - 6.7   |
| Adults who have coronary heart disease                                      | 6.9   | 4.6 - 9.3   | 5.9      | 5.2 - 6.5   |
| Adults who have ever had a stroke   | 3.7   | 2.0 - 5.3   | 3.9      | 3.3 - 4.5   |
| <b>Cholesterol Awareness</b>  |       |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 77.3  | 70.8 - 83.7 | 75.7     | 74.2 - 77.2 |
| Adults with high blood cholesterol  | 45.4  | 39.6 - 51.2 | 41.3     | 39.8 - 42.9 |
| <b>Diabetes</b>   |       |             |          |             |
| Adults who have Diabetes  | 13.7  | 10.5 - 16.9 | 10.8     | 10.0 - 11.6 |
| <b>Disability</b>   |       |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 32.2  | 26.8 - 37.5 | 29.3     | 27.9 - 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 13.6  | 10.0 - 17.2 | 11.3     | 10.3 - 12.2 |
| <b>General Health Status</b>  |       |             |          |             |
| Adults who reported good or better health                                   | 72.3  | 67.5 - 77.2 | 77.6     | 76.4 - 78.8 |
| <b>Health Care Access/Coverage</b>  |       |             |          |             |
| Adults who have health care coverage  | 76.5  | 70.2 - 82.9 | 81.4     | 80.1 - 82.8 |
| Adults aged 18-64 who have health care coverage                             | 70.8  | 63.1 - 78.5 | 77.7     | 76.1 - 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |       |             |          |             |
| Adults who have ever been tested for HIV                                    | 28.0  | 22.3 - 33.7 | 30.4     | 28.8 - 31.9 |
| <b>Hypertension Awareness</b>   |       |             |          |             |
| Adults who have high blood pressure   | 43.5  | 37.7 - 49.4 | 38.0     | 36.5 - 39.4 |
| <b>Immunization</b>   |       |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 63.5  | 54.5 - 72.6 | 64.2     | 61.6 - 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 68.6  | 59.8 - 77.5 | 70.0     | 67.6 - 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |       |             |          |             |
| Adults who are overweight (BMI = 25.0 - 29.9)                               | 39.4  | 33.4 - 45.3 | 36.1     | 34.6 - 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 33.9  | 28.2 - 39.6 | 30.4     | 28.9 - 31.8 |
| <b>Physical Activity</b>  |       |             |          |             |
| Adults who participate in any physical activity                             | 68.3  | 62.6 - 74.0 | 70.7     | 69.3 - 72.1 |
| <b>Tobacco Use</b>  |       |             |          |             |
| Adults who are current smokers  | 29.6  | 23.8 - 35.4 | 29.0     | 27.5 - 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| Gateway ADD   | Gateway |             | Kentucky |             |
|---|---------|-------------|----------|-------------|
|   | %       | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |         |             |          |             |
| Adults who reported heavy drinking  | 5.1     | 3.1 – 7.1   | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 14.2    | 7.0 – 21.3  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |         |             |          |             |
| Adults who have arthritis   | 39.8    | 33.0 – 46.5 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |         |             |          |             |
| Adults who currently have asthma  | 9.8     | 6.9 – 12.8  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 14.2    | 10.1 – 18.4 | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |         |             |          |             |
| Adults who have ever had a heart attack                                     | 6.1     | 4.1 – 8.1   | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 7.3     | 4.9 – 9.6   | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 3.8     | 2.3 – 5.2   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |         |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 75.4    | 67.7 – 83.2 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 46.3    | 38.5 – 54.2 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |         |             |          |             |
| Adults who have Diabetes  | 12.1    | 9.1 – 15.2  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |         |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 32.5    | 25.7 – 39.3 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 10.1    | 7.1 – 13.0  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |         |             |          |             |
| Adults who reported good or better health                                   | 68.8    | 62.0 – 75.7 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |         |             |          |             |
| Adults who have health care coverage  | 76.1    | 68.5 – 83.8 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 71.1    | 61.9 – 80.3 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |         |             |          |             |
| Adults who have ever been tested for HIV                                    | 26.7    | 19.8 – 33.5 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |         |             |          |             |
| Adults who have high blood pressure   | 41.0    | 33.7 – 48.2 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |         |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | N/A     |             | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 77.0    | 70.3 – 83.6 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |         |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 35.6    | 28.2 – 43.0 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 33.0    | 25.2 – 40.9 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |         |             |          |             |
| Adults who participate in any physical activity                             | 72.1    | 65.9 – 78.4 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |         |             |          |             |
| Adults who are current smokers  | 34.3    | 26.7 – 41.9 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| Green River ADD   | Green River |             | Kentucky |             |
|---|-------------|-------------|----------|-------------|
|   | %           | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |             |             |          |             |
| Adults who reported heavy drinking  | 3.2         | 1.3 – 5.2   | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 10.8        | 6.6 – 15.0  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |             |             |          |             |
| Adults who have arthritis   | 30.7        | 25.4 – 36.0 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |             |             |          |             |
| Adults who currently have asthma  | 10.6        | 6.5 – 14.7  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 15.3        | 10.7 – 19.8 | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |             |             |          |             |
| Adults who have ever had a heart attack                                     | 7.4         | 4.9 – 9.9   | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 7.0         | 4.6 – 9.3   | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 5.4         | 3.2 – 7.6   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |             |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 79.8        | 73.4 – 86.3 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 45.3        | 39.4 – 51.2 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |             |             |          |             |
| Adults who have Diabetes  | 11.6        | 8.5 – 14.7  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |             |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 28.3        | 22.8 – 33.7 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 11.7        | 7.6 – 15.7  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |             |             |          |             |
| Adults who reported good or better health                                   | 79.1        | 74.6 – 83.6 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |             |             |          |             |
| Adults who have health care coverage  | 84.0        | 78.3 – 89.7 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 81.4        | 74.5 – 88.3 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |             |             |          |             |
| Adults who have ever been tested for HIV                                    | 28.0        | 22.1 – 33.9 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |             |             |          |             |
| Adults who have high blood pressure   | 38.7        | 33.0 – 44.4 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |             |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 63.9        | 55.1 – 72.8 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 71.0        | 62.6 – 79.4 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |             |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 34.9        | 28.9 – 40.9 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 34.7        | 28.7 – 40.7 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |             |             |          |             |
| Adults who participate in any physical activity                             | 69.4        | 63.6 – 75.2 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |             |             |          |             |
| Adults who are current smokers  | 27.1        | 21.0 – 33.1 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| Kentucky River ADD  | Kentucky River |             | Kentucky |             |
|---|----------------|-------------|----------|-------------|
|   | %              | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |                |             |          |             |
| Adults who reported heavy drinking  | 3.4            | 1.2 – 5.6   | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 8.4            | 4.9 – 11.8  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |                |             |          |             |
| Adults who have arthritis   | 40.2           | 34.9 – 45.5 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |                |             |          |             |
| Adults who currently have asthma  | 14.4           | 10.3 – 18.6 | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 19.7           | 15.0 – 24.4 | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |                |             |          |             |
| Adults who have ever had a heart attack                                     | 9.3            | 5.7 – 12.9  | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 9.0            | 5.3 – 12.8  | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 3.9            | 2.4 – 5.5   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |                |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 77.0           | 71.2 – 82.9 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 45.6           | 39.3 – 51.9 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |                |             |          |             |
| Adults who have Diabetes  | 17.0           | 12.5 – 21.5 | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |                |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 35.9           | 30.0 – 41.8 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 10.2           | 7.1 – 13.4  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |                |             |          |             |
| Adults who reported good or better health                                   | 65.2           | 60.0 – 70.5 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |                |             |          |             |
| Adults who have health care coverage  | 83.0           | 78.6 – 87.4 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 79.5           | 74.1 – 84.8 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |                |             |          |             |
| Adults who have ever been tested for HIV                                    | 30.7           | 24.5 – 36.9 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |                |             |          |             |
| Adults who have high blood pressure   | 46.3           | 40.5 – 52.2 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |                |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | N/A            |             | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | N/A            |             | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |                |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 39.3           | 33.2 – 45.5 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 37.5           | 31.3 – 43.7 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |                |             |          |             |
| Adults who participate in any physical activity                             | 66.4           | 60.8 – 71.9 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |                |             |          |             |
| Adults who are current smokers  | 33.6           | 27.8 – 39.4 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| KIPDA ADD   | KIPDA |             | KENTUCKY |             |
|---|-------|-------------|----------|-------------|
|   | %     | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |       |             |          |             |
| Adults who reported heavy drinking  | 7.1   | 5.1 – 9.2   | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 20.4  | 17.0 – 23.7 | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |       |             |          |             |
| Adults who have arthritis   | 29.0  | 25.8 – 32.2 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |       |             |          |             |
| Adults who currently have asthma  | 10.0  | 7.8 – 12.3  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 15.1  | 12.4 – 17.8 | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |       |             |          |             |
| Adults who have ever had a heart attack                                     | 4.3   | 2.9 – 5.6   | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 5.0   | 3.4 – 6.6   | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 3.3   | 2.2 – 4.5   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |       |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 75.9  | 72.3 – 79.5 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 37.2  | 33.4 – 41.0 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |       |             |          |             |
| Adults who have Diabetes  | 8.9   | 7.1 – 10.6  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |       |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 26.1  | 22.6 – 29.5 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 10.4  | 8.2 – 12.7  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |       |             |          |             |
| Adults who reported good or better health                                   | 82.4  | 79.6 – 85.1 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |       |             |          |             |
| Adults who have health care coverage  | 81.6  | 78.3 – 84.9 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 77.7  | 73.8 – 81.7 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |       |             |          |             |
| Adults who have ever been tested for HIV                                    | 36.1  | 32.2 – 40.0 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |       |             |          |             |
| Adults who have high blood pressure   | 33.6  | 30.3 – 37.0 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |       |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 63.6  | 56.9 – 70.3 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 69.4  | 62.9 – 76.0 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |       |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 35.8  | 32.0 – 39.5 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 28.9  | 25.3 – 32.4 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |       |             |          |             |
| Adults who participate in any physical activity                             | 72.8  | 69.3 – 76.2 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |       |             |          |             |
| Adults who are current smokers  | 28.4  | 24.8 – 32.0 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011



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

| Lake Cumberland ADD   | Lake Cumberland |             | Kentucky |             |
|---|-----------------|-------------|----------|-------------|
|   | %               | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |                 |             |          |             |
| Adults who reported heavy drinking  | 4.0             | 1.7 – 6.3   | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 11.4            | 7.0 – 15.9  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |                 |             |          |             |
| Adults who have arthritis   | 39.9            | 34.6 – 45.3 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |                 |             |          |             |
| Adults who currently have asthma  | 14.5            | 10.4 – 18.6 | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 18.0            | 13.7 – 22.3 | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |                 |             |          |             |
| Adults who have ever had a heart attack                                     | 9.0             | 6.0 – 12.0  | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 7.6             | 5.2 – 10.0  | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 4.7             | 2.6 – 6.8   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |                 |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 75.3            | 70.0 – 80.6 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 48.4            | 42.7 – 54.1 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |                 |             |          |             |
| Adults who have Diabetes  | 11.0            | 8.3 – 13.7  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |                 |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 35.2            | 30.1 – 40.2 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 14.0            | 10.4 – 17.6 | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |                 |             |          |             |
| Adults who reported good or better health                                   | 68.0            | 63.0 – 72.9 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |                 |             |          |             |
| Adults who have health care coverage  | 75.5            | 70.2 – 80.7 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 69.4            | 63.0 – 75.8 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |                 |             |          |             |
| Adults who have ever been tested for HIV                                    | 25.9            | 20.5 – 31.3 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |                 |             |          |             |
| Adults who have high blood pressure   | 44.4            | 39.0 – 49.8 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |                 |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 63.8            | 55.4 – 72.3 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 68.7            | 60.9 – 76.6 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |                 |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 39.4            | 33.8 – 44.9 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 29.0            | 24.2 – 33.9 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |                 |             |          |             |
| Adults who participate in any physical activity                             | 64.2            | 58.9 – 69.4 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |                 |             |          |             |
| Adults who are current smokers  | 33.8            | 28.6 – 39.1 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011

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

| Lincoln Trail ADD   | Lincoln Trail |             | Kentucky |             |
|---|---------------|-------------|----------|-------------|
|   | %             | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |               |             |          |             |
| Adults who reported heavy drinking  | 4.7           | 2.2 - 7.2   | 5.7      | 4.9 - 6.5   |
| Adults who reported binge drinking  | 17.6          | 12.7 - 22.6 | 16.1     | 14.8 - 17.4 |
| <b>Arthritis</b>  |               |             |          |             |
| Adults who have arthritis   | 28.3          | 24.2 - 32.3 | 31.9     | 30.5 - 33.2 |
| <b>Asthma</b>   |               |             |          |             |
| Adults who currently have asthma  | 11.9          | 8.8 - 15.0  | 10.5     | 9.5 - 11.4  |
| Lifetime asthma prevalence among adults                                     | 17.1          | 12.6 - 21.6 | 15.0     | 13.9 - 16.2 |
| <b>Cardiovascular Disease</b>   |               |             |          |             |
| Adults who have ever had a heart attack                                     | 5.9           | 4.0 - 7.7   | 6.1      | 5.4 - 6.7   |
| Adults who have coronary heart disease                                      | 6.7           | 4.2 - 9.3   | 5.9      | 5.2 - 6.5   |
| Adults who have ever had a stroke   | 3.6           | 2.2 - 5.0   | 3.9      | 3.3 - 4.5   |
| <b>Cholesterol Awareness</b>  |               |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 76.0          | 70.5 - 81.6 | 75.7     | 74.2 - 77.2 |
| Adults with high blood cholesterol  | 40.4          | 34.9 - 45.9 | 41.3     | 39.8 - 42.9 |
| <b>Diabetes</b>   |               |             |          |             |
| Adults who have Diabetes  | 9.4           | 6.9 - 11.9  | 10.8     | 10.0 - 11.6 |
| <b>Disability</b>   |               |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 26.8          | 21.9 - 31.7 | 29.3     | 27.9 - 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 10.9          | 7.9 - 13.9  | 11.3     | 10.3 - 12.2 |
| <b>General Health Status</b>  |               |             |          |             |
| Adults who reported good or better health                                   | 78.4          | 74.1 - 82.8 | 77.6     | 76.4 - 78.8 |
| <b>Health Care Access/Coverage</b>  |               |             |          |             |
| Adults who have health care coverage  | 80.5          | 75.4 - 85.6 | 81.4     | 80.1 - 82.8 |
| Adults aged 18-64 who have health care coverage                             | 76.3          | 70.2 - 82.4 | 77.7     | 76.1 - 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |               |             |          |             |
| Adults who have ever been tested for HIV                                    | 31.0          | 25.5 - 36.6 | 30.4     | 28.8 - 31.9 |
| <b>Hypertension Awareness</b>   |               |             |          |             |
| Adults who have high blood pressure   | 37.5          | 32.2 - 42.8 | 38.0     | 36.5 - 39.4 |
| <b>Immunization</b>   |               |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 63.6          | 55.2 - 72.0 | 64.2     | 61.6 - 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 71.8          | 64.1 - 79.5 | 70.0     | 67.6 - 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |               |             |          |             |
| Adults who are overweight (BMI = 25.0 - 29.9)                               | 36.2          | 30.7 - 41.7 | 36.1     | 34.6 - 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 30.8          | 25.4 - 36.1 | 30.4     | 28.9 - 31.8 |
| <b>Physical Activity</b>  |               |             |          |             |
| Adults who participate in any physical activity                             | 63.3          | 57.8 - 68.8 | 70.7     | 69.3 - 72.1 |
| <b>Tobacco Use</b>  |               |             |          |             |
| Adults who are current smokers  | 33.9          | 28.0 - 39.8 | 29.0     | 27.5 - 30.5 |

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Data Source: Kentucky BRFSS Survey 2011

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

| Northern Kentucky ADD   | Northern Kentucky |             | Kentucky |             |
|---|-------------------|-------------|----------|-------------|
|   | %                 | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |                   |             |          |             |
| Adults who reported heavy drinking  | 7.6               | 4.6 – 10.7  | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 21.0              | 16.4 – 25.6 | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |                   |             |          |             |
| Adults who have arthritis   | 29.7              | 25.0 – 34.3 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |                   |             |          |             |
| Adults who currently have asthma  | 9.2               | 6.0 – 12.3  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 13.7              | 9.7 – 17.6  | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |                   |             |          |             |
| Adults who have ever had a heart attack                                     | 5.9               | 3.8 – 8.1   | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 5.8               | 3.6 – 8.1   | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 3.0               | 1.6 – 4.4   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |                   |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 70.8              | 65.4 – 76.2 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 39.4              | 33.8 – 45.0 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |                   |             |          |             |
| Adults who have Diabetes  | 9.7               | 6.6 – 12.7  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |                   |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 27.1              | 21.9 – 32.2 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 8.5               | 5.7 – 11.3  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |                   |             |          |             |
| Adults who reported good or better health                                   | 80.4              | 76.0 – 84.8 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |                   |             |          |             |
| Adults who have health care coverage  | 81.2              | 76.1 – 86.4 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 78.1              | 72.1 – 84.2 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |                   |             |          |             |
| Adults who have ever been tested for HIV                                    | 29.2              | 23.9 – 34.6 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |                   |             |          |             |
| Adults who have high blood pressure   | 32.2              | 27.3 – 37.1 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |                   |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 61.4              | 52.9 – 69.8 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 69.6              | 61.8 – 77.4 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |                   |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 31.8              | 26.8 – 36.7 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 31.7              | 26.1 – 37.3 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |                   |             |          |             |
| Adults who participate in any physical activity                             | 72.3              | 67.3 – 77.2 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |                   |             |          |             |
| Adults who are current smokers  | 29.2              | 23.8 – 34.5 | 29.0     | 27.5 – 30.5 |

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Data Source: Kentucky BRFSS Survey 2011

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

| Pennyrile ADD   | Pennyrile |             | Kentucky |             |
|---|-----------|-------------|----------|-------------|
|   | %         | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |           |             |          |             |
| Adults who reported heavy drinking  | 8.8       | 4.0 – 13.6  | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 14.2      | 8.6 – 19.8  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |           |             |          |             |
| Adults who have arthritis   | 31.8      | 26.5 – 37.2 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |           |             |          |             |
| Adults who currently have asthma  | 7.8       | 4.9 – 10.6  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 11.8      | 7.6 – 15.9  | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |           |             |          |             |
| Adults who have ever had a heart attack                                     | 6.3       | 3.9 – 8.8   | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 5.5       | 3.1 – 7.9   | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 4.4       | 1.8 – 7.0   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |           |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 74.8      | 68.1 – 81.4 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 42.2      | 36.0 – 48.4 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |           |             |          |             |
| Adults who have Diabetes  | 11.0      | 7.7 – 14.3  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |           |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 28.2      | 22.5 – 33.9 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 10.8      | 7.2 – 14.5  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |           |             |          |             |
| Adults who reported good or better health                                   | 80.0      | 75.5 – 84.5 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |           |             |          |             |
| Adults who have health care coverage  | 78.6      | 72.5 – 84.6 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 73.1      | 65.6 – 80.5 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |           |             |          |             |
| Adults who have ever been tested for HIV                                    | 34.1      | 27.4 – 40.7 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |           |             |          |             |
| Adults who have high blood pressure   | 40.3      | 34.3 – 46.2 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |           |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 68.7      | 59.9 – 77.5 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 63.1      | 53.1 – 73.1 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |           |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 34.4      | 28.2 – 40.6 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 30.0      | 23.8 – 36.2 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |           |             |          |             |
| Adults who participate in any physical activity                             | 72.7      | 67.4 – 78.1 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |           |             |          |             |
| Adults who are current smokers  | 29.5      | 23.5 – 35.4 | 29.0     | 27.5 – 30.5 |

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N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2011

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

| Purchase ADD  | Purchase |             | Kentucky |             |
|---|----------|-------------|----------|-------------|
|   | %        | 95% CI      | %        | 95% CI      |
| <b>Alcohol Consumption</b>  |          |             |          |             |
| Adults who reported heavy drinking  | 3.3      | 1.3 – 5.3   | 5.7      | 4.9 – 6.5   |
| Adults who reported binge drinking  | 10.1     | 5.9 – 14.4  | 16.1     | 14.8 – 17.4 |
| <b>Arthritis</b>  |          |             |          |             |
| Adults who have arthritis   | 33.7     | 28.1 – 39.4 | 31.9     | 30.5 – 33.2 |
| <b>Asthma</b>   |          |             |          |             |
| Adults who currently have asthma  | 7.8      | 4.3 – 11.3  | 10.5     | 9.5 – 11.4  |
| Lifetime asthma prevalence among adults                                     | 12.7     | 7.8 – 17.6  | 15.0     | 13.9 – 16.2 |
| <b>Cardiovascular Disease</b>   |          |             |          |             |
| Adults who have ever had a heart attack                                     | 3.4      | 2.0 – 4.8   | 6.1      | 5.4 – 6.7   |
| Adults who have coronary heart disease                                      | 5.4      | 3.7 – 7.1   | 5.9      | 5.2 – 6.5   |
| Adults who have ever had a stroke   | 2.0      | 0.9 – 3.1   | 3.9      | 3.3 – 4.5   |
| <b>Cholesterol Awareness</b>  |          |             |          |             |
| Adults who had their blood cholesterol checked in past 5 years              | 77.0     | 70.6 – 83.4 | 75.7     | 74.2 – 77.2 |
| Adults with high blood cholesterol  | 36.8     | 30.7 – 42.9 | 41.3     | 39.8 – 42.9 |
| <b>Diabetes</b>   |          |             |          |             |
| Adults who have Diabetes  | 8.0      | 5.7 – 10.2  | 10.8     | 10.0 – 11.6 |
| <b>Disability</b>   |          |             |          |             |
| Adults with limited activity due to physical, mental, or emotional problems | 27.5     | 22.4 – 32.5 | 29.3     | 27.9 – 30.7 |
| Adults with health problem(s) that requires the use of special equipment    | 11.3     | 7.9 – 14.6  | 11.3     | 10.3 – 12.2 |
| <b>General Health Status</b>  |          |             |          |             |
| Adults who reported good or better health                                   | 78.0     | 73.2 – 82.8 | 77.6     | 76.4 – 78.8 |
| <b>Health Care Access/Coverage</b>  |          |             |          |             |
| Adults who have health care coverage  | 82.5     | 76.4 – 88.5 | 81.4     | 80.1 – 82.8 |
| Adults aged 18-64 who have health care coverage                             | 78.1     | 70.4 – 85.8 | 77.7     | 76.1 – 79.4 |
| <b>HIV Screening Test (Age 18-64)</b>                                       |          |             |          |             |
| Adults who have ever been tested for HIV                                    | 24.8     | 19.0 – 30.6 | 30.4     | 28.8 – 31.9 |
| <b>Hypertension Awareness</b>   |          |             |          |             |
| Adults who have high blood pressure   | 35.8     | 30.3 – 41.2 | 38.0     | 36.5 – 39.4 |
| <b>Immunization</b>   |          |             |          |             |
| Adults aged 65+ who had a flu shot in past year                             | 63.9     | 56.0 – 71.9 | 64.2     | 61.6 – 66.8 |
| Adults aged 65+ who have ever had a pneumococcal vaccination                | 66.4     | 58.8 – 74.1 | 70.0     | 67.6 – 72.4 |
| <b>Overweight and Obesity (BMI)</b>   |          |             |          |             |
| Adults who are overweight (BMI = 25.0 – 29.9)                               | 34.0     | 27.7 – 40.2 | 36.1     | 34.6 – 37.6 |
| Adults who are obese (BMI ≥ 30.0)   | 29.0     | 22.7 – 35.2 | 30.4     | 28.9 – 31.8 |
| <b>Physical Activity</b>  |          |             |          |             |
| Adults who participate in any physical activity                             | 72.9     | 66.8 – 78.9 | 70.7     | 69.3 – 72.1 |
| <b>Tobacco Use</b>  |          |             |          |             |
| Adults who are current smokers  | 23.7     | 17.7 – 29.6 | 29.0     | 27.5 – 30.5 |

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

Data Source: Kentucky BRFSS Survey 2011