

# 2011 Kansas Behavioral Risk Factor Surveillance System Local Data

## Northeast Corner Regionalization Initiative



November 2013



# **2011 Kansas Behavioral Risk Factor Surveillance System Local Data**

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## **Project Funding:**

Partial funding for the 2011 Behavioral Risk Factor Survey was provided by cooperative agreement U58SO000008-03 from the Centers for Disease Control and Prevention, Atlanta GA and by Kansas Health Foundation 200804006-01, Wichita, KS.

**Kansas Department of Health and Environment  
Bureau of Health Promotion  
November 2013**

# **Kansas Department of Health and Environment (KDHE)**

## **Mission**

To protect and improve the health and environment of all Kansans

## **Vision**

Healthy Kansans living in safe and sustainable environments

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## Foreword

The Behavioral Risk Factor Surveillance System (BRFSS) is the world's largest, annual population-based telephone survey system, tracking health conditions and risk behaviors in the U.S. It is coordinated by the Centers for Disease Control and Prevention (CDC) and is conducted in every state and several territories.

BRFSS allows us to perform a critical public health function of assessing population health and identifying issues critically important to public health and population health management. BRFSS provides data on a wide range of health issues including information related to access to health care, chronic and infectious diseases, clinical preventive services, environmental quality, infant and child health, injury and violence, maternal health, mental health, nutrition, physical activity, obesity, oral health, reproductive and sexual health, substance abuse and tobacco use.

Prior to 2009, the sample size for the Kansas survey was sufficient to produce state level estimates of health risk behaviors. Beginning in 2009, the Kansas BRFSS was expanded in response to demand from local health officials for local level health risk behavior data for a 10-year project. The survey now collects adequate sample data during odd years (2009, 2011, 2013, 2015 and 2017) to provide local level estimates by county or region for these years.

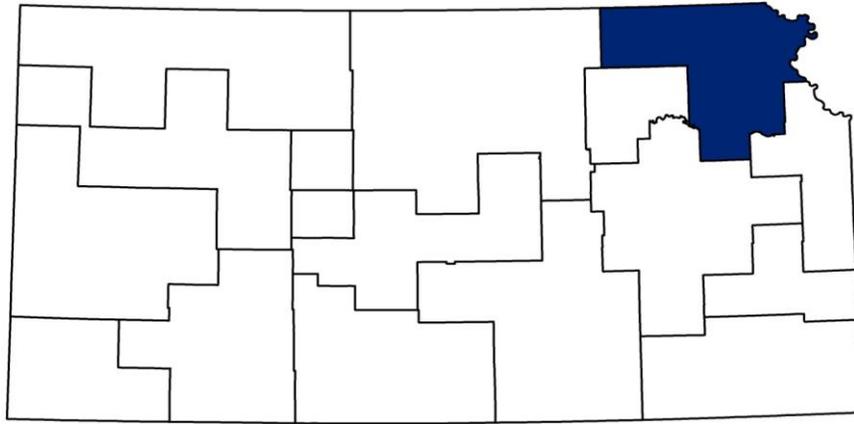
During the 2011 survey year, data were collected from more than 20,000 adult Kansans, providing estimates for 43 of the state's 105 counties and for 16 Public Health Preparedness Regions, with data for 43 health risk indicators analyzed at the county or regional level. By the conclusion of the 10-year project, most of Kansas counties will have county-specific data for use in estimating trends in selected health indicators from 2011 forward. Data from 2011 onward cannot be compared to previous years as the BRFSS data collection and analysis methods changed beginning in 2011.

BRFSS data help public health professionals measure Kansans health behaviors, conditions and concerns at the state and the local level. These data are important when we consider where to focus our public health efforts and to help us emphasize the benefits of prevention.

Sincerely,



Robert Moser, MD  
Secretary and State Health Officer  
Kansas Department of Health and Environment



The Northeast Corner Regionalization Initiative comprises the following counties:  
Atchison, Brown, Doniphan, Jackson, Jefferson, Marshall, Nemaha, Shawnee

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2011 can also be accessed at <http://www.kdheks.gov/brfss/>

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## Percentage of Adults Who Are Binge Drinkers, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,281                | 17.0                | 0.4            | 16.2                  | 17.8  |
| Northeast Corner Regionalization Initiative | 247                  | 17.2                | 1.2            | 14.8                  | 19.6  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 156                  | 25.2                | 2.1            | 21.1                  | 29.3  |
| Women                                       | 91                   | 10.0                | 1.3            | 7.5                   | 12.5  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 136                  | 28.0                | 2.4            | 23.2                  | 32.7  |
| 45 to 64 Years                              | 93                   | 11.5                | 1.3            | 9.0                   | 13.9  |
| 65 Years and Older                          | 17                   | 3.0                 | 0.8            | 1.4                   | 4.5   |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 17                   | 26.4                | 6.7            | 14.5                  | 38.3  |
| Non-Hispanic                                | 230                  | 16.7                | 1.2            | 14.2                  | 19.1  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 219                  | 15.8                | 1.1            | 13.6                  | 18.0  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | 14                   | 26.7                | 6.8            | 13.4                  | 40.0  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 102                  | 17.5                | 1.9            | 13.8                  | 21.1  |
| Some College or College Graduate            | 145                  | 17.0                | 1.6            | 13.8                  | 20.1  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 79                   | 14.9                | 1.8            | 11.3                  | 18.4  |
| \$35,000 or Higher per Year                 | 141                  | 18.5                | 1.7            | 15.2                  | 21.9  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 56                   | 10.8                | 1.6            | 7.7                   | 13.9  |
| Living without a Disability                 | 190                  | 19.5                | 1.5            | 16.4                  | 22.5  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 68                   | 17.3                | 2.3            | 12.8                  | 21.9  |
| Overweight (25 ≤ BMI <30)                              | 103                  | 20.4                | 2.1            | 16.2                  | 24.6  |
| Obese (BMI ≥ 30)                                       | 72                   | 15.5                | 2.1            | 11.4                  | 19.7  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 180                  | 17.1                | 1.4            | 14.3                  | 19.8  |
| Does not participate in leisure time physical activity | 66                   | 17.4                | 2.4            | 12.7                  | 22.1  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 38                   | 20.2                | 3.7            | 13.0                  | 27.4  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 202                  | 16.5                | 1.3            | 14.0                  | 19.0  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 90                   | 31.9                | 3.4            | 25.1                  | 38.6  |
| Non-smoker   | 156                  | 12.7                | 1.1            | 10.5                  | 14.8  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 204                  | 15.9                | 1.3            | 13.4                  | 18.4  |
| Uninsured  | 43                   | 24.9                | 3.7            | 17.7                  | 32.1  |

Numerator: Male respondents having five or more drinks on one occasion in the past 30 days or female respondents having four or more drinks on one occasion in the past 30 days.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Heavy Alcohol Consumption in the Past 30 Days, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 823                  | 5.4                 | 0.2            | 5.0                   | 5.9   |
| Northeast Corner Regionalization Initiative | 72                   | 4.7                 | 0.7            | 3.3                   | 6.0   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 45                   | 7.0                 | 1.2            | 4.5                   | 9.4   |
| Women                                       | 27                   | 2.7                 | 0.6            | 1.4                   | 3.9   |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 35                   | 7.5                 | 1.4            | 4.7                   | 10.3  |
| 45 to 64 Years                              | 30                   | 3.2                 | 0.6            | 2.0                   | 4.4   |
| 65 Years and Older                          | *                    | *                   | *              | *                     | *     |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 67                   | 4.5                 | 0.7            | 3.2                   | 5.9   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 65                   | 4.7                 | 0.7            | 3.3                   | 6.0   |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 34                   | 4.8                 | 0.9            | 3.0                   | 6.6   |
| Some College or College Graduate            | 38                   | 4.6                 | 1.0            | 2.6                   | 6.5   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 23                   | 3.5                 | 0.8            | 1.9                   | 5.1   |
| \$35,000 or Higher per Year                 | 41                   | 5.1                 | 1.0            | 3.2                   | 7.0   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | *                    | *                   | *              | *                     | *     |
| Living without a Disability                 | 59                   | 5.5                 | 0.9            | 3.7                   | 7.2   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 22                   | 4.1                 | 1.0            | 2.2                   | 6.1   |
| Overweight (25 ≤ BMI < 30)                             | 36                   | 7.7                 | 1.6            | 4.6                   | 10.9  |
| Obese (BMI ≥ 30)                                       | 14                   | 2.5                 | 0.7            | 1.0                   | 3.9   |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 51                   | 4.6                 | 0.8            | 3.0                   | 6.2   |
| Does not participate in leisure time physical activity | 21                   | 5.0                 | 1.3            | 2.5                   | 7.5   |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | *                    | *                   | *              | *                     | *     |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 60                   | 4.7                 | 0.8            | 3.2                   | 6.3   |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 30                   | 8.6                 | 1.9            | 4.8                   | 12.3  |
| Non-smoker   | 42                   | 3.5                 | 0.7            | 2.2                   | 4.9   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 58                   | 4.6                 | 0.8            | 3.1                   | 6.0   |
| Uninsured  | 14                   | 5.5                 | 1.6            | 2.4                   | 8.7   |

**Numerator:** Male respondents who reported consuming an average of more than two drinks per day and female respondents who reported consuming an average of more than one drink per day during the past 30 days.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Adults with Doctor Diagnosed Arthritis, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 6,493                | 23.1                | 0.3            | 22.4                  | 23.8  |
| Northeast Corner Regionalization Initiative | 717                  | 24.9                | 1.1            | 22.9                  | 27.0  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 233                  | 21.4                | 1.6            | 18.3                  | 24.5  |
| Women                                       | 484                  | 28.2                | 1.4            | 25.4                  | 31.0  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 62                   | 10.1                | 1.4            | 7.3                   | 12.8  |
| 45 to 64 Years                              | 301                  | 31.0                | 1.7            | 27.6                  | 34.3  |
| 65 Years and Older                          | 354                  | 50.1                | 2.2            | 45.8                  | 54.3  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 20                   | 18.1                | 4.4            | 9.4                   | 26.8  |
| Non-Hispanic                                | 697                  | 25.4                | 1.1            | 23.2                  | 27.5  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 666                  | 25.9                | 1.1            | 23.8                  | 28.1  |
| African American                            | 20                   | 15.8                | 4.5            | 6.9                   | 24.7  |
| Other                                       | 18                   | 19.1                | 5.0            | 9.4                   | 28.8  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 327                  | 26.9                | 1.7            | 23.6                  | 30.3  |
| Some College or College Graduate            | 388                  | 23.2                | 1.3            | 20.6                  | 25.8  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 306                  | 29.4                | 2.0            | 25.5                  | 33.2  |
| \$35,000 or Higher per Year                 | 290                  | 22.4                | 1.4            | 19.7                  | 25.2  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 404                  | 53.3                | 2.4            | 48.6                  | 58.1  |
| Living without a Disability                 | 291                  | 14.9                | 1.0            | 12.9                  | 16.8  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 176                  | 21.1                | 1.9            | 17.4                  | 24.9  |
| Overweight (25 ≤ BMI < 30)                             | 229                  | 23.1                | 1.7            | 19.8                  | 26.4  |
| Obese (BMI ≥ 30)                                       | 272                  | 31.2                | 2.1            | 27.2                  | 35.3  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 445                  | 22.2                | 1.2            | 19.9                  | 24.6  |
| Does not participate in leisure time physical activity | 249                  | 32.3                | 2.2            | 27.9                  | 36.7  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 77                   | 18.7                | 2.6            | 13.5                  | 23.9  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 594                  | 26.4                | 1.2            | 24.1                  | 28.8  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 134                  | 24.5                | 2.5            | 19.6                  | 29.4  |
| Non-smoker   | 580                  | 25.1                | 1.1            | 22.8                  | 27.3  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 669                  | 26.7                | 1.1            | 24.4                  | 28.9  |
| Uninsured  | 47                   | 16.4                | 2.7            | 11.1                  | 21.7  |

Numerator: Respondents who reported they had been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults with Doctor Diagnosed Arthritis Who Are Limited in Their Usual Activities Because of Arthritis or Joint Symptoms, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 3,150                | 48.8                | 0.8            | 47.3                  | 50.4  |
| Northeast Corner Regionalization Initiative | 372                  | 54.2                | 2.3            | 49.6                  | 58.7  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 114                  | 53.2                | 4.0            | 45.3                  | 61.0  |
| Women                                       | 258                  | 54.9                | 2.8            | 49.5                  | 60.3  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 34                   | 60.5                | 7.4            | 45.9                  | 75.0  |
| 45 to 64 Years                              | 159                  | 53.3                | 3.3            | 46.9                  | 59.8  |
| 65 Years and Older                          | 179                  | 52.1                | 3.1            | 46.0                  | 58.3  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 361                  | 53.7                | 2.3            | 49.1                  | 58.2  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 341                  | 53.8                | 2.3            | 49.2                  | 58.4  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 173                  | 57.0                | 3.3            | 50.5                  | 63.5  |
| Some College or College Graduate            | 198                  | 51.3                | 3.2            | 45.1                  | 57.5  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 178                  | 61.2                | 3.7            | 53.9                  | 68.4  |
| \$35,000 or Higher per Year                 | 139                  | 50.1                | 3.5            | 43.3                  | 56.9  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 301                  | 75.8                | 2.5            | 70.9                  | 80.7  |
| Living without a Disability                 | 70                   | 25.8                | 3.2            | 19.5                  | 32.0  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 73                   | 44.7                | 5.0            | 34.9                  | 54.4  |
| Overweight (25 ≤ BMI <30)                              | 118                  | 51.4                | 3.9            | 43.7                  | 59.1  |
| Obese (BMI ≥ 30)                                       | 158                  | 61.3                | 3.5            | 54.4                  | 68.1  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 220                  | 51.2                | 2.9            | 45.5                  | 56.9  |
| Does not participate in leisure time physical activity | 150                  | 59.4                | 3.8            | 51.9                  | 66.9  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 32                   | 41.7                | 7.4            | 27.3                  | 56.1  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 327                  | 56.2                | 2.4            | 51.4                  | 61.0  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 78                   | 60.2                | 5.5            | 49.4                  | 71.0  |
| Non-smoker   | 292                  | 52.2                | 2.5            | 47.3                  | 57.0  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 342                  | 51.5                | 2.4            | 46.8                  | 56.1  |
| Uninsured  | *                    | *                   | *              | *                     | *     |

**Numerator:** Respondents who reported any limitation in their usual activities because of arthritis or joint symptoms.

**Denominator:** Respondents with doctor, nurse or other health professional diagnosed arthritis, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

**Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.**

## Percentage of Adults with Current Asthma, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 1,709                | 8.8                 | 0.3            | 8.2                   | 9.3   |
| Northeast Corner Regionalization Initiative | 216                  | 9.5                 | 0.8            | 7.9                   | 11.0  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 70                   | 7.6                 | 1.1            | 5.5                   | 9.8   |
| Women                                       | 146                  | 11.2                | 1.1            | 9.0                   | 13.4  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 57                   | 9.8                 | 1.4            | 7.0                   | 12.6  |
| 45 to 64 Years                              | 94                   | 9.2                 | 1.1            | 7.1                   | 11.4  |
| 65 Years and Older                          | 64                   | 9.2                 | 1.3            | 6.7                   | 11.7  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 209                  | 9.6                 | 0.8            | 8.0                   | 11.2  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 193                  | 9.4                 | 0.8            | 7.8                   | 11.0  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 85                   | 9.3                 | 1.3            | 6.8                   | 11.9  |
| Some College or College Graduate            | 131                  | 9.6                 | 1.0            | 7.7                   | 11.5  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 100                  | 12.4                | 1.5            | 9.5                   | 15.3  |
| \$35,000 or Higher per Year                 | 87                   | 7.0                 | 0.9            | 5.3                   | 8.7   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 120                  | 18.9                | 1.9            | 15.2                  | 22.7  |
| Living without a Disability                 | 87                   | 6.1                 | 0.8            | 4.4                   | 7.7   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 49                   | 8.6                 | 1.5            | 5.7                   | 11.6  |
| Overweight (25 ≤ BMI <30)                              | 59                   | 6.6                 | 1.0            | 4.5                   | 8.6   |
| Obese (BMI ≥ 30)                                       | 94                   | 13.6                | 1.7            | 10.3                  | 16.8  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 139                  | 9.4                 | 1.0            | 7.5                   | 11.3  |
| Does not participate in leisure time physical activity | 69                   | 9.6                 | 1.4            | 6.9                   | 12.3  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 24                   | 7.6                 | 2.2            | 3.4                   | 11.8  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 174                  | 9.4                 | 0.9            | 7.7                   | 11.1  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 49                   | 10.4                | 1.7            | 6.9                   | 13.8  |
| Non-smoker   | 166                  | 9.2                 | 0.9            | 7.5                   | 11.0  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 187                  | 9.0                 | 0.8            | 7.4                   | 10.6  |
| Uninsured  | 29                   | 12.4                | 2.6            | 7.3                   | 17.6  |

**Numerator:** Respondents reporting they had been told by a doctor, nurse, or other health professional that they had asthma and that they currently have asthma.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Have Been Diagnosed With Cancer (Excluding Skin Cancer), 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,108                | 6.9                 | 0.2            | 6.5                   | 7.2   |
| Northeast Corner Regionalization Initiative | 241                  | 7.9                 | 0.6            | 6.7                   | 9.0   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 79                   | 5.7                 | 0.8            | 4.2                   | 7.1   |
| Women                                       | 162                  | 9.8                 | 0.9            | 8.1                   | 11.6  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 24                   | 3.2                 | 0.7            | 1.8                   | 4.6   |
| 45 to 64 Years                              | 76                   | 7.0                 | 0.9            | 5.3                   | 8.8   |
| 65 Years and Older                          | 141                  | 20.9                | 1.8            | 17.3                  | 24.5  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 234                  | 8.0                 | 0.6            | 6.8                   | 9.2   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 229                  | 8.6                 | 0.7            | 7.3                   | 9.8   |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 100                  | 7.5                 | 0.9            | 5.8                   | 9.3   |
| Some College or College Graduate            | 141                  | 8.1                 | 0.8            | 6.6                   | 9.7   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 96                   | 8.8                 | 1.1            | 6.7                   | 10.9  |
| \$35,000 or Higher per Year                 | 93                   | 6.8                 | 0.8            | 5.2                   | 8.4   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 110                  | 13.9                | 1.5            | 10.9                  | 17.0  |
| Living without a Disability                 | 122                  | 5.6                 | 0.6            | 4.4                   | 6.7   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 60                   | 6.1                 | 0.9            | 4.3                   | 7.8   |
| Overweight (25 ≤ BMI < 30)                             | 92                   | 8.6                 | 1.0            | 6.5                   | 10.6  |
| Obese (BMI ≥ 30)                                       | 76                   | 8.8                 | 1.2            | 6.5                   | 11.2  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 156                  | 7.4                 | 0.7            | 6.0                   | 8.7   |
| Does not participate in leisure time physical activity | 77                   | 9.0                 | 1.3            | 6.5                   | 11.5  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 30                   | 6.4                 | 1.3            | 3.7                   | 9.0   |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 195                  | 8.2                 | 0.7            | 6.8                   | 9.5   |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 39                   | 6.1                 | 1.1            | 3.9                   | 8.3   |
| Non-smoker   | 199                  | 8.3                 | 0.7            | 7.0                   | 9.7   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 231                  | 8.9                 | 0.7            | 7.6                   | 10.3  |
| Uninsured  | *                    | *                   | *              | *                     | *     |

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they had cancer (excluding skin cancer).

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Adults Who Have Been Diagnosed With Skin Cancer, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 1,950                | 6.2                 | 0.2            | 5.9                   | 6.5   |
| Northeast Corner Regionalization Initiative | 209                  | 6.3                 | 0.5            | 5.4                   | 7.3   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 96                   | 7.0                 | 0.8            | 5.5                   | 8.5   |
| Women                                       | 113                  | 5.8                 | 0.6            | 4.5                   | 7.0   |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | *                    | *                   | *              | *                     | *     |
| 45 to 64 Years                              | 62                   | 5.5                 | 0.8            | 4.0                   | 7.0   |
| 65 Years and Older                          | 137                  | 20.5                | 1.8            | 17.0                  | 24.0  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 207                  | 6.6                 | 0.5            | 5.6                   | 7.7   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 207                  | 7.3                 | 0.6            | 6.2                   | 8.4   |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 78                   | 5.6                 | 0.7            | 4.2                   | 6.9   |
| Some College or College Graduate            | 130                  | 7.0                 | 0.7            | 5.6                   | 8.4   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 81                   | 6.3                 | 0.8            | 4.7                   | 7.9   |
| \$35,000 or Higher per Year                 | 89                   | 6.6                 | 0.8            | 5.1                   | 8.1   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 96                   | 10.8                | 1.2            | 8.4                   | 13.3  |
| Living without a Disability                 | 107                  | 4.9                 | 0.5            | 3.8                   | 6.0   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 72                   | 7.0                 | 1.0            | 5.1                   | 8.9   |
| Overweight (25 ≤ BMI < 30)                             | 69                   | 6.0                 | 0.8            | 4.4                   | 7.7   |
| Obese (BMI ≥ 30)                                       | 60                   | 6.2                 | 0.9            | 4.4                   | 7.9   |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 143                  | 6.4                 | 0.6            | 5.2                   | 7.6   |
| Does not participate in leisure time physical activity | 62                   | 6.8                 | 1.0            | 4.8                   | 8.7   |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 32                   | 7.4                 | 1.5            | 4.5                   | 10.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 159                  | 6.1                 | 0.6            | 5.0                   | 7.2   |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 24                   | 3.7                 | 0.9            | 2.0                   | 5.4   |
| Non-smoker   | 185                  | 7.2                 | 0.6            | 6.1                   | 8.4   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 204                  | 7.3                 | 0.6            | 6.2                   | 8.4   |
| Uninsured  | *                    | *                   | *              | *                     | *     |

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they had skin cancer.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

**Percentage of Adults Who Have Not Checked Cholesterol Within Five Years  
Among Those Who Have Ever Had Cholesterol Checked, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 3,379                | 27.1                | 0.5            | 26.2                  | 28.0  |
| Northeast Corner Regionalization Initiative | 380                  | 26.6                | 1.4            | 23.9                  | 29.3  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 175                  | 31.5                | 2.3            | 27.1                  | 36.0  |
| Women                                       | 205                  | 22.1                | 1.6            | 19.0                  | 25.2  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 224                  | 46.0                | 2.6            | 41.0                  | 51.0  |
| 45 to 64 Years                              | 111                  | 13.5                | 1.4            | 10.9                  | 16.2  |
| 65 Years and Older                          | 43                   | 6.3                 | 1.1            | 4.1                   | 8.5   |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 28                   | 43.9                | 6.6            | 31.0                  | 56.8  |
| Non-Hispanic                                | 352                  | 25.6                | 1.4            | 22.9                  | 28.4  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 328                  | 24.9                | 1.4            | 22.2                  | 27.6  |
| African American                            | 20                   | 35.3                | 7.9            | 19.9                  | 50.8  |
| Other                                       | 27                   | 40.0                | 6.9            | 26.4                  | 53.6  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 188                  | 33.6                | 2.3            | 29.2                  | 38.0  |
| Some College or College Graduate            | 192                  | 21.0                | 1.7            | 17.7                  | 24.3  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 160                  | 31.9                | 2.4            | 27.2                  | 36.7  |
| \$35,000 or Higher per Year                 | 152                  | 19.9                | 1.7            | 16.5                  | 23.2  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 83                   | 16.2                | 2.0            | 12.3                  | 20.1  |
| Living without a Disability                 | 282                  | 29.6                | 1.7            | 26.2                  | 33.0  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 161                  | 36.0                | 2.7            | 30.7                  | 41.2  |
| Overweight (25 ≤ BMI < 30)                             | 99                   | 22.8                | 2.4            | 18.2                  | 27.4  |
| Obese (BMI ≥ 30)                                       | 96                   | 21.1                | 2.3            | 16.5                  | 25.7  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 238                  | 23.8                | 1.6            | 20.6                  | 27.0  |
| Does not participate in leisure time physical activity | 126                  | 31.5                | 2.7            | 26.2                  | 36.8  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 50                   | 28.4                | 4.0            | 20.5                  | 36.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 297                  | 25.2                | 1.5            | 22.3                  | 28.1  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 127                  | 42.4                | 3.4            | 35.8                  | 49.0  |
| Non-smoker   | 252                  | 21.5                | 1.4            | 18.7                  | 24.3  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 275                  | 21.2                | 1.4            | 18.5                  | 23.9  |
| Uninsured  | 102                  | 53.3                | 4.1            | 45.3                  | 61.2  |

Numerator: Respondents reporting they had not checked their blood cholesterol in the past five years.

Denominator: Respondents who ever had their blood cholesterol checked, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults Tested and Diagnosed with High Cholesterol, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 7,660                | 38.4                | 0.5            | 37.5                  | 39.3  |
| Northeast Corner Regionalization Initiative | 886                  | 43.9                | 1.4            | 41.1                  | 46.7  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 339                  | 45.6                | 2.2            | 41.2                  | 50.0  |
| Women                                       | 547                  | 42.5                | 1.8            | 38.9                  | 46.1  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 96                   | 27.7                | 2.8            | 22.2                  | 33.2  |
| 45 to 64 Years                              | 405                  | 48.1                | 2.0            | 44.2                  | 52.0  |
| 65 Years and Older                          | 381                  | 58.6                | 2.2            | 54.2                  | 62.9  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 24                   | 35.9                | 7.7            | 21.9                  | 49.9  |
| Non-Hispanic                                | 862                  | 44.3                | 1.5            | 41.4                  | 47.1  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 825                  | 45.0                | 1.4            | 42.1                  | 47.8  |
| African American                            | 26                   | 35.6                | 7.8            | 20.4                  | 50.8  |
| Other                                       | 22                   | 30.4                | 7.7            | 16.5                  | 44.4  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 368                  | 47.0                | 2.4            | 42.4                  | 51.7  |
| Some College or College Graduate            | 518                  | 41.8                | 1.8            | 38.3                  | 45.2  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 325                  | 45.7                | 2.6            | 40.6                  | 50.7  |
| \$35,000 or Higher per Year                 | 437                  | 43.3                | 1.8            | 39.7                  | 46.8  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 359                  | 57.9                | 2.5            | 52.9                  | 62.8  |
| Living without a Disability                 | 502                  | 37.6                | 1.7            | 34.3                  | 40.9  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 196                  | 32.5                | 2.6            | 27.4                  | 37.5  |
| Overweight (25 ≤ BMI < 30)                             | 334                  | 45.5                | 2.3            | 40.9                  | 50.0  |
| Obese (BMI ≥ 30)                                       | 316                  | 52.8                | 2.5            | 47.8                  | 57.8  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 613                  | 42.6                | 1.7            | 39.4                  | 45.9  |
| Does not participate in leisure time physical activity | 250                  | 46.5                | 2.8            | 41.0                  | 52.0  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 105                  | 37.7                | 3.8            | 30.2                  | 45.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 730                  | 45.1                | 1.6            | 42.0                  | 48.2  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 145                  | 44.5                | 3.8            | 37.1                  | 52.0  |
| Non-smoker   | 737                  | 43.7                | 1.5            | 40.8                  | 46.7  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 829                  | 44.7                | 1.5            | 41.8                  | 47.6  |
| Uninsured  | 55                   | 37.3                | 4.9            | 27.8                  | 46.8  |

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they have high blood cholesterol.

Denominator: Respondents who had ever had their blood cholesterol checked, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Had Chronic Obstructive Pulmonary Disease (COPD), Emphysema or Chronic Bronchitis, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 1,658                | 6.6                 | 0.2            | 6.2                   | 7.0   |
| Northeast Corner Regionalization Initiative | 211                  | 8.1                 | 0.7            | 6.8                   | 9.4   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 79                   | 6.9                 | 0.9            | 5.1                   | 8.6   |
| Women                                       | 132                  | 9.2                 | 0.9            | 7.4                   | 11.1  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 23                   | 3.8                 | 0.9            | 2.1                   | 5.5   |
| 45 to 64 Years                              | 85                   | 9.1                 | 1.1            | 6.9                   | 11.3  |
| 65 Years and Older                          | 103                  | 16.8                | 1.7            | 13.4                  | 20.1  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 205                  | 8.2                 | 0.7            | 6.9                   | 9.5   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 198                  | 8.7                 | 0.7            | 7.3                   | 10.2  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 113                  | 10.5                | 1.2            | 8.2                   | 12.8  |
| Some College or College Graduate            | 98                   | 6.1                 | 0.7            | 4.7                   | 7.5   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 110                  | 11.7                | 1.3            | 9.0                   | 14.3  |
| \$35,000 or Higher per Year                 | 67                   | 5.7                 | 0.8            | 4.1                   | 7.2   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 144                  | 20.5                | 1.8            | 16.9                  | 24.1  |
| Living without a Disability                 | 58                   | 3.6                 | 0.6            | 2.5                   | 4.7   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 68                   | 8.4                 | 1.2            | 6.1                   | 10.8  |
| Overweight (25 ≤ BMI < 30)                             | 64                   | 7.2                 | 1.1            | 5.1                   | 9.2   |
| Obese (BMI ≥ 30)                                       | 68                   | 8.7                 | 1.2            | 6.3                   | 11.1  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 113                  | 6.1                 | 0.7            | 4.8                   | 7.4   |
| Does not participate in leisure time physical activity | 89                   | 13.1                | 1.6            | 10.0                  | 16.1  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 15                   | 2.6                 | 0.7            | 1.1                   | 4.1   |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 182                  | 9.2                 | 0.8            | 7.7                   | 10.8  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 69                   | 12.0                | 1.7            | 8.7                   | 15.4  |
| Non-smoker   | 140                  | 6.8                 | 0.7            | 5.4                   | 8.1   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 187                  | 8.0                 | 0.7            | 6.7                   | 9.3   |
| Uninsured  | 24                   | 8.8                 | 2.0            | 4.8                   | 12.8  |

**Numerator:** Respondents reporting they had been told by a doctor, nurse, or other health professional that they had chronic obstructive pulmonary disease (COPD), emphysema or chronic bronchitis.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

**Percentage of Adults Who Were EVER Diagnosed with a Depressive Disorder,  
2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 3,360                | 15.9                | 0.3            | 15.2                  | 16.5  |
| Northeast Corner Regionalization Initiative | 427                  | 19.2                | 1.1            | 17.1                  | 21.3  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 125                  | 15.3                | 1.6            | 12.2                  | 18.4  |
| Women                                       | 302                  | 22.8                | 1.5            | 19.9                  | 25.7  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 109                  | 18.2                | 1.9            | 14.5                  | 22.0  |
| 45 to 64 Years                              | 210                  | 22.8                | 1.6            | 19.6                  | 26.0  |
| 65 Years and Older                          | 108                  | 15.1                | 1.6            | 12.0                  | 18.2  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 20                   | 21.2                | 5.0            | 11.4                  | 30.9  |
| Non-Hispanic                                | 407                  | 19.1                | 1.1            | 16.9                  | 21.3  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 388                  | 19.2                | 1.1            | 17.1                  | 21.4  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | 17                   | 21.5                | 6.0            | 9.7                   | 33.3  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 174                  | 18.5                | 1.7            | 15.2                  | 21.8  |
| Some College or College Graduate            | 253                  | 19.8                | 1.4            | 17.1                  | 22.6  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 210                  | 26.7                | 2.1            | 22.6                  | 30.9  |
| \$35,000 or Higher per Year                 | 163                  | 15.1                | 1.3            | 12.5                  | 17.6  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 237                  | 37.4                | 2.4            | 32.7                  | 42.1  |
| Living without a Disability                 | 182                  | 12.8                | 1.1            | 10.6                  | 15.0  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 108                  | 17.6                | 2.1            | 13.5                  | 21.7  |
| Overweight (25 ≤ BMI < 30)                             | 129                  | 15.6                | 1.6            | 12.4                  | 18.9  |
| Obese (BMI ≥ 30)                                       | 164                  | 24.6                | 2.1            | 20.5                  | 28.6  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 260                  | 17.7                | 1.3            | 15.2                  | 20.2  |
| Does not participate in leisure time physical activity | 161                  | 23.5                | 2.0            | 19.5                  | 27.5  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 37                   | 15.4                | 3.2            | 9.2                   | 21.6  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 370                  | 20.1                | 1.2            | 17.8                  | 22.4  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 119                  | 27.9                | 2.9            | 22.1                  | 33.6  |
| Non-smoker   | 306                  | 16.4                | 1.1            | 14.3                  | 18.5  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 377                  | 19.2                | 1.2            | 17.0                  | 21.5  |
| Uninsured  | 50                   | 19.7                | 3.1            | 13.7                  | 25.7  |

**Numerator:** Respondents who reported they had been told by a doctor, nurse, or other health professional that they have a depressive disorder (including depression, major depression, dysthymia, or minor depression).

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults with Diagnosed Diabetes, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,584                | 9.5                 | 0.2            | 9.1                   | 10.0  |
| Northeast Corner Regionalization Initiative | 292                  | 10.7                | 0.7            | 9.3                   | 12.1  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 124                  | 11.0                | 1.1            | 8.9                   | 13.2  |
| Women                                       | 168                  | 10.4                | 1.0            | 8.5                   | 12.3  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 24                   | 4.2                 | 0.9            | 2.4                   | 6.0   |
| 45 to 64 Years                              | 136                  | 14.5                | 1.3            | 11.9                  | 17.1  |
| 65 Years and Older                          | 132                  | 19.6                | 1.7            | 16.2                  | 23.0  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 14                   | 12.1                | 3.6            | 5.1                   | 19.1  |
| Non-Hispanic                                | 278                  | 10.6                | 0.7            | 9.2                   | 12.1  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 265                  | 11.2                | 0.8            | 9.6                   | 12.7  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 140                  | 12.3                | 1.2            | 9.9                   | 14.6  |
| Some College or College Graduate            | 152                  | 9.4                 | 0.9            | 7.7                   | 11.1  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 120                  | 12.5                | 1.4            | 9.8                   | 15.2  |
| \$35,000 or Higher per Year                 | 130                  | 10.5                | 1.0            | 8.5                   | 12.5  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 152                  | 20.2                | 1.8            | 16.6                  | 23.7  |
| Living without a Disability                 | 134                  | 7.6                 | 0.8            | 6.1                   | 9.0   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 31                   | 4.3                 | 0.9            | 2.5                   | 6.2   |
| Overweight (25 ≤ BMI <30)                              | 89                   | 8.7                 | 1.0            | 6.7                   | 10.7  |
| Obese (BMI ≥ 30)                                       | 150                  | 19.3                | 1.8            | 15.8                  | 22.8  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 189                  | 9.9                 | 0.8            | 8.3                   | 11.5  |
| Does not participate in leisure time physical activity | 96                   | 13.7                | 1.7            | 10.4                  | 17.0  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 20                   | 4.4                 | 1.1            | 2.3                   | 6.5   |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 255                  | 12.3                | 0.9            | 10.5                  | 14.0  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 46                   | 8.4                 | 1.4            | 5.5                   | 11.2  |
| Non-smoker   | 245                  | 11.5                | 0.8            | 9.8                   | 13.1  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 268                  | 11.3                | 0.8            | 9.7                   | 12.9  |
| Uninsured  | 24                   | 8.0                 | 1.8            | 4.4                   | 11.6  |

**Numerator:** Respondents reporting they had been told by a doctor they had diabetes, excluding females told only during pregnancy and pre-diabetes or borderline diabetes.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Activity Limitations Due to Physical,  
Mental, or Emotional Problems, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 5,714                | 23.0                | 0.4            | 22.3                  | 23.7  |
| Northeast Corner Regionalization Initiative | 649                  | 25.3                | 1.1            | 23.1                  | 27.5  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 236                  | 23.7                | 1.7            | 20.3                  | 27.0  |
| Women                                       | 413                  | 26.7                | 1.5            | 23.8                  | 29.6  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 94                   | 16.3                | 1.8            | 12.8                  | 19.9  |
| 45 to 64 Years                              | 279                  | 29.3                | 1.7            | 25.9                  | 32.7  |
| 65 Years and Older                          | 274                  | 38.5                | 2.1            | 34.3                  | 42.7  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 23                   | 23.9                | 5.2            | 13.6                  | 34.2  |
| Non-Hispanic                                | 626                  | 25.4                | 1.2            | 23.1                  | 27.6  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 594                  | 25.8                | 1.2            | 23.5                  | 28.1  |
| African American                            | 21                   | 19.7                | 5.2            | 9.4                   | 30.0  |
| Other                                       | 22                   | 21.2                | 5.2            | 11.1                  | 31.4  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 291                  | 27.7                | 1.9            | 24.0                  | 31.3  |
| Some College or College Graduate            | 357                  | 23.3                | 1.4            | 20.6                  | 26.0  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 300                  | 33.2                | 2.2            | 28.9                  | 37.4  |
| \$35,000 or Higher per Year                 | 238                  | 19.2                | 1.4            | 16.5                  | 21.9  |
| <b>Weight Category</b>                      |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)            | 156                  | 21.6                | 2.1            | 17.4                  | 25.7  |
| Overweight (25 ≤ BMI < 30)                  | 204                  | 21.8                | 1.7            | 18.4                  | 25.2  |
| Obese (BMI ≥ 30)                            | 253                  | 33.5                | 2.2            | 29.2                  | 37.9  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 377                  | 20.7                | 1.3            | 18.3                  | 23.2  |
| Does not participate in leisure time physical activity | 267                  | 37.0                | 2.4            | 32.3                  | 41.7  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 61                   | 16.4                | 2.7            | 11.1                  | 21.8  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 565                  | 27.0                | 1.3            | 24.6                  | 29.5  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 144                  | 30.8                | 2.9            | 25.1                  | 36.5  |
| Non-smoker   | 504                  | 23.5                | 1.2            | 21.2                  | 25.8  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 592                  | 26.3                | 1.2            | 23.9                  | 28.6  |
| Uninsured  | 56                   | 20.3                | 3.0            | 14.4                  | 26.1  |

**Numerator:** Respondents who reported they were limited in any activities because of physical, mental, or emotional problems.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

**Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.**

## Percentage of Adults Who Reported Living with a Disability , 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 6,179                | 24.5                | 0.4            | 23.7                  | 25.2  |
| Northeast Corner Regionalization Initiative | 695                  | 26.6                | 1.1            | 24.3                  | 28.8  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 255                  | 24.8                | 1.7            | 21.4                  | 28.3  |
| Women                                       | 440                  | 28.2                | 1.5            | 25.2                  | 31.1  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 99                   | 17.1                | 1.8            | 13.5                  | 20.7  |
| 45 to 64 Years                              | 287                  | 29.9                | 1.7            | 26.5                  | 33.3  |
| 65 Years and Older                          | 307                  | 42.2                | 2.2            | 38.0                  | 46.5  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 24                   | 24.2                | 5.3            | 13.9                  | 34.6  |
| Non-Hispanic                                | 671                  | 26.7                | 1.2            | 24.4                  | 29.0  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 639                  | 27.3                | 1.2            | 25.0                  | 29.7  |
| African American                            | 21                   | 19.7                | 5.2            | 9.4                   | 30.0  |
| Other                                       | 22                   | 21.2                | 5.2            | 11.1                  | 31.4  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 312                  | 29.1                | 1.9            | 25.4                  | 32.8  |
| Some College or College Graduate            | 381                  | 24.4                | 1.4            | 21.7                  | 27.2  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 324                  | 35.0                | 2.2            | 30.7                  | 39.3  |
| \$35,000 or Higher per Year                 | 248                  | 20.0                | 1.4            | 17.3                  | 22.7  |
| <b>Weight Category</b>                      |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)             | 164                  | 22.1                | 2.1            | 17.9                  | 26.2  |
| Overweight (25 ≤ BMI < 30)                  | 218                  | 23.1                | 1.8            | 19.6                  | 26.6  |
| Obese (BMI ≥ 30)                            | 275                  | 35.3                | 2.2            | 30.9                  | 39.7  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 409                  | 22.1                | 1.3            | 19.6                  | 24.6  |
| Does not participate in leisure time physical activity | 281                  | 38.2                | 2.4            | 33.4                  | 42.9  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 65                   | 17.0                | 2.8            | 11.6                  | 22.4  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 605                  | 28.5                | 1.3            | 26.0                  | 31.0  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 149                  | 31.5                | 2.9            | 25.8                  | 37.3  |
| Non-smoker   | 543                  | 24.9                | 1.2            | 22.6                  | 27.3  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 635                  | 27.7                | 1.2            | 25.2                  | 30.1  |
| Uninsured  | 59                   | 21.0                | 3.0            | 15.1                  | 26.9  |

Numerator: Respondents who reported they were limited in any activities because of physical, mental, or emotional problems or who reported having a health problem that requires them to use special equipment such as a cane, a wheelchair, a special bed, or a special telephone.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Not Doing Enough Physical Activity To Meet Both The  
Aerobic AND Strengthening Exercise Recommendations, 2011**

**Northeast Corner Regionalization Initiative**

|  | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|--|-------------------------|------------------------|-------------------|-----------------------------|-------|
|  |                         |                        |                   | Lower                       | Upper |
| Kansas   | 16,604                  | 83.5                   | 0.4               | 82.7                        | 84.2  |
| Northeast Corner Regionalization<br>Initiative | 1,782                   | 83.2                   | 1.2               | 80.9                        | 85.5  |
| <b>Gender</b>                                  |                         |                        |                   |                             |       |
| Men  | 668                     | 79.9                   | 2.0               | 76.1                        | 83.8  |
| Women  | 1,114                   | 86.2                   | 1.3               | 83.6                        | 88.8  |
| <b>Age Group</b>                               |                         |                        |                   |                             |       |
| 18 to 44 Years                                 | 427                     | 79.5                   | 2.2               | 75.1                        | 83.9  |
| 45 to 64 Years                                 | 776                     | 86.2                   | 1.4               | 83.5                        | 88.8  |
| 65 Years and Older                             | 577                     | 86.3                   | 1.6               | 83.3                        | 89.4  |
| <b>Ethnicity</b>                               |                         |                        |                   |                             |       |
| Hispanic                                       | 65                      | 76.0                   | 6.1               | 64.1                        | 88.0  |
| Non-Hispanic                                   | 1,716                   | 83.7                   | 1.2               | 81.4                        | 86.0  |
| <b>Race</b>                                    |                         |                        |                   |                             |       |
| White  | 1,623                   | 83.4                   | 1.2               | 81.1                        | 85.6  |
| African American                               | 63                      | 82.2                   | 7.7               | 68.3                        | 96.0  |
| Other  | 73                      | 83.6                   | 5.5               | 72.9                        | 94.4  |
| Multi-Race                                     | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                               |                         |                        |                   |                             |       |
| High School Graduate or Less                   | 744                     | 86.8                   | 1.8               | 83.2                        | 90.4  |
| Some College or College Graduate               | 1,036                   | 80.4                   | 1.5               | 77.4                        | 83.4  |
| <b>Annual Household Income</b>                 |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                    | 655                     | 85.1                   | 2.0               | 81.2                        | 89.0  |
| \$35,000 or Higher per Year                    | 874                     | 81.8                   | 1.5               | 78.8                        | 84.8  |
| <b>Disability Status</b>                       |                         |                        |                   |                             |       |
| Living with a Disability                       | 605                     | 89.3                   | 1.7               | 85.9                        | 92.7  |
| Living without a Disability                    | 1,171                   | 81.1                   | 1.4               | 78.3                        | 84.0  |

|                                  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|----------------------------------|----------------------|---------------------|----------------|-----------------------|-------|
|                                  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>           |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25) | 500                  | 77.8                | 2.4            | 73.2                  | 82.5  |
| Overweight (25 ≤ BMI < 30)       | 626                  | 83.8                | 1.8            | 80.3                  | 87.3  |
| Obese (BMI ≥ 30)                 | 562                  | 87.2                | 2.1            | 83.1                  | 91.4  |
| <b>Smoking Status</b>            |                      |                     |                |                       |       |
| Current smoker                   | 343                  | 86.6                | 2.9            | 81.0                  | 92.2  |
| Non-smoker                       | 1,433                | 82.1                | 1.3            | 79.7                  | 84.6  |
| <b>Health Insurance Status</b>   |                      |                     |                |                       |       |
| Insured                          | 1,593                | 82.7                | 1.2            | 80.2                  | 85.1  |
| Uninsured                        | 185                  | 86.0                | 3.3            | 79.4                  | 92.5  |

**Numerator:** Respondents who did not meet both aerobic and strengthening physical activity guidelines.

The aerobic guideline is defined as 150 minutes a week of moderate-intensity aerobic activity, or 75 minutes a week of vigorous-intensity aerobic activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity.

The strengthening guideline is defined as muscle-strengthening activities that involved all major muscle groups two or more times per week.

Meeting the physical activity guideline is defined as meeting both aerobic and strengthening guidelines.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Not Doing Enough Physical Activity To Meet EITHER  
Aerobic OR Strengthening Guideline, 2011**

**Northeast Corner Regionalization Initiative**

|  | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|--|-------------------------|------------------------|-------------------|-----------------------------|-------|
|  |                         |                        |                   | Lower                       | Upper |
| Kansas   | 8,956                   | 45.3                   | 0.5               | 44.4                        | 46.2  |
| Northeast Corner Regionalization<br>Initiative | 937                     | 43.5                   | 1.4               | 40.7                        | 46.2  |
| <b>Gender</b>                                  |                         |                        |                   |                             |       |
| Men  | 318                     | 38.7                   | 2.2               | 34.5                        | 43.0  |
| Women  | 619                     | 47.7                   | 1.8               | 44.2                        | 51.2  |
| <b>Age Group</b>                               |                         |                        |                   |                             |       |
| 18 to 44 Years                                 | 211                     | 40.2                   | 2.6               | 35.2                        | 45.3  |
| 45 to 64 Years                                 | 422                     | 47.7                   | 1.9               | 43.9                        | 51.4  |
| 65 Years and Older                             | 302                     | 42.7                   | 2.2               | 38.4                        | 47.1  |
| <b>Ethnicity</b>                               |                         |                        |                   |                             |       |
| Hispanic                                       | *                       | *                      | *                 | *                           | *     |
| Non-Hispanic                                   | 897                     | 43.6                   | 1.4               | 40.8                        | 46.4  |
| <b>Race</b>                                    |                         |                        |                   |                             |       |
| White  | 841                     | 42.3                   | 1.4               | 39.5                        | 45.1  |
| African American                               | 39                      | 54.7                   | 7.9               | 39.2                        | 70.1  |
| Other  | 43                      | 47.0                   | 6.7               | 33.8                        | 60.2  |
| Multi-Race                                     | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                               |                         |                        |                   |                             |       |
| High School Graduate or Less                   | 434                     | 49.3                   | 2.3               | 44.8                        | 53.8  |
| Some College or College Graduate               | 501                     | 38.8                   | 1.8               | 35.4                        | 42.2  |
| <b>Annual Household Income</b>                 |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                    | 377                     | 48.4                   | 2.4               | 43.6                        | 53.1  |
| \$35,000 or Higher per Year                    | 413                     | 38.3                   | 1.8               | 34.8                        | 41.8  |
| <b>Disability Status</b>                       |                         |                        |                   |                             |       |
| Living with a Disability                       | 367                     | 55.1                   | 2.4               | 50.3                        | 59.9  |
| Living without a Disability                    | 569                     | 39.4                   | 1.7               | 36.1                        | 42.7  |

|                                  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|----------------------------------|----------------------|---------------------|----------------|-----------------------|-------|
|                                  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>           |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25) | 226                  | 34.9                | 2.6            | 29.8                  | 40.0  |
| Overweight (25 ≤ BMI < 30)       | 313                  | 43.4                | 2.4            | 38.7                  | 48.1  |
| Obese (BMI ≥ 30)                 | 342                  | 50.9                | 2.5            | 45.9                  | 55.9  |
| <b>Smoking Status</b>            |                      |                     |                |                       |       |
| Current smoker                   | 206                  | 51.5                | 3.4            | 44.8                  | 58.2  |
| Non-smoker                       | 730                  | 41.0                | 1.5            | 38.1                  | 44.0  |
| <b>Health Insurance Status</b>   |                      |                     |                |                       |       |
| Insured                          | 835                  | 42.7                | 1.5            | 39.8                  | 45.6  |
| Uninsured                        | 98                   | 46.7                | 4.2            | 38.4                  | 54.9  |

**Numerator:** Respondents who did not meet either aerobic or strengthening physical activity guidelines. The aerobic guideline is defined as 150 minutes a week of moderate-intensity aerobic activity, or 75 minutes a week of vigorous-intensity aerobic activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity.

The strengthening guideline is defined as muscle-strengthening activities that involved all major muscle groups two or more times per week.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Not Participating in Any Physical Activity (Leisure Time Physical Activity) Other Than Their Regular Job in the Past 30 Days, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 5,740                | 26.8                | 0.4            | 26.0                  | 27.6  |
| Northeast Corner Regionalization Initiative | 628                  | 27.5                | 1.2            | 25.1                  | 29.9  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 210                  | 24.2                | 1.8            | 20.7                  | 27.8  |
| Women                                       | 418                  | 30.5                | 1.6            | 27.3                  | 33.7  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 131                  | 24.6                | 2.2            | 20.3                  | 28.9  |
| 45 to 64 Years                              | 262                  | 29.0                | 1.7            | 25.5                  | 32.4  |
| 65 Years and Older                          | 233                  | 31.7                | 2.0            | 27.7                  | 35.7  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 31                   | 32.5                | 5.8            | 21.2                  | 43.8  |
| Non-Hispanic                                | 596                  | 27.2                | 1.3            | 24.7                  | 29.7  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 555                  | 26.2                | 1.2            | 23.9                  | 28.6  |
| African American                            | 30                   | 38.7                | 7.6            | 23.8                  | 53.5  |
| Other                                       | 31                   | 31.2                | 5.7            | 20.0                  | 42.5  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 321                  | 34.1                | 2.1            | 30.0                  | 38.2  |
| Some College or College Graduate            | 305                  | 22.1                | 1.4            | 19.3                  | 24.9  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 282                  | 33.9                | 2.2            | 29.6                  | 38.3  |
| \$35,000 or Higher per Year                 | 238                  | 21.6                | 1.4            | 18.8                  | 24.5  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 281                  | 39.7                | 2.3            | 35.1                  | 44.2  |
| Living without a Disability                 | 343                  | 23.2                | 1.4            | 20.4                  | 26.0  |

|                                 | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---------------------------------|----------------------|---------------------|----------------|-----------------------|-------|
|                                 |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>          |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25) | 160                  | 22.6                | 2.2            | 18.4                  | 26.9  |
| Overweight (25 ≤ BMI <30)       | 210                  | 28.0                | 2.2            | 23.8                  | 32.3  |
| Obese (BMI ≥ 30)                | 215                  | 30.7                | 2.2            | 26.4                  | 35.0  |
| <b>Smoking Status</b>           |                      |                     |                |                       |       |
| Current smoker                  | 170                  | 40.1                | 3.2            | 33.8                  | 46.5  |
| Non-smoker                      | 457                  | 23.6                | 1.2            | 21.2                  | 26.0  |
| <b>Health Insurance Status</b>  |                      |                     |                |                       |       |
| Insured                         | 556                  | 26.7                | 1.3            | 24.2                  | 29.2  |
| Uninsured                       | 70                   | 32.0                | 3.8            | 24.6                  | 39.5  |

**Numerator:** Respondents reporting they did not participate in any physical activities or exercise, other than their regular job, in the past 30 days.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Consuming Fruit Less than 1 Time Per Day,  
2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 7,375                | 41.4                | 0.5            | 40.5                  | 42.4  |
| Northeast Corner Regionalization Initiative | 789                  | 41.0                | 1.4            | 38.2                  | 43.7  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 363                  | 47.2                | 2.2            | 42.9                  | 51.5  |
| Women                                       | 426                  | 35.3                | 1.7            | 32.0                  | 38.7  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 250                  | 45.6                | 2.5            | 40.7                  | 50.6  |
| 45 to 64 Years                              | 361                  | 41.5                | 1.9            | 37.8                  | 45.2  |
| 65 Years and Older                          | 176                  | 28.7                | 2.1            | 24.7                  | 32.8  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 34                   | 45.4                | 6.5            | 32.8                  | 58.1  |
| Non-Hispanic                                | 755                  | 40.7                | 1.4            | 37.9                  | 43.5  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 719                  | 40.2                | 1.4            | 37.5                  | 43.0  |
| African American                            | 28                   | 43.6                | 8.0            | 28.0                  | 59.2  |
| Other                                       | 34                   | 48.6                | 6.9            | 35.1                  | 62.2  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 354                  | 45.8                | 2.2            | 41.5                  | 50.2  |
| Some College or College Graduate            | 435                  | 37.0                | 1.7            | 33.6                  | 40.4  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 300                  | 44.4                | 2.4            | 39.7                  | 49.1  |
| \$35,000 or Higher per Year                 | 391                  | 39.4                | 1.8            | 35.8                  | 43.0  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 263                  | 42.6                | 2.4            | 37.9                  | 47.3  |
| Living without a Disability                 | 513                  | 40.0                | 1.7            | 36.7                  | 43.4  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 198                  | 33.4                | 2.5            | 28.4                  | 38.4  |
| Overweight (25 ≤ BMI < 30)                             | 279                  | 43.6                | 2.3            | 39.0                  | 48.2  |
| Obese (BMI ≥ 30)                                       | 270                  | 45.6                | 2.5            | 40.7                  | 50.5  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 506                  | 37.4                | 1.6            | 34.2                  | 40.6  |
| Does not participate in leisure time physical activity | 273                  | 49.6                | 2.7            | 44.4                  | 54.8  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 68                   | 22.1                | 3.4            | 15.5                  | 28.7  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 680                  | 44.0                | 1.5            | 41.0                  | 47.0  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 210                  | 54.2                | 3.3            | 47.7                  | 60.8  |
| Non-smoker   | 577                  | 36.8                | 1.5            | 33.9                  | 39.7  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 689                  | 39.1                | 1.4            | 36.2                  | 41.9  |
| Uninsured  | 99                   | 51.1                | 4.2            | 43.0                  | 59.3  |

Numerator: Respondents who reported they consumed fruit less than 1 time per day.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Consuming Vegetables Less than 1 Time  
Per Day, 2011**

**Northeast Corner Regionalization Initiative**

|  | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|--|-------------------------|------------------------|-------------------|-----------------------------|-------|
|  |                         |                        |                   | Lower                       | Upper |
| Kansas   | 3,908                   | 22.3                   | 0.4               | 21.4                        | 23.1  |
| Northeast Corner Regionalization<br>Initiative | 416                     | 22.0                   | 1.2               | 19.6                        | 24.4  |
| <b>Gender</b>                                  |                         |                        |                   |                             |       |
| Men  | 179                     | 24.5                   | 2.0               | 20.6                        | 28.3  |
| Women  | 237                     | 19.8                   | 1.5               | 16.8                        | 22.7  |
| <b>Age Group</b>                               |                         |                        |                   |                             |       |
| 18 to 44 Years                                 | 137                     | 26.4                   | 2.3               | 21.9                        | 30.8  |
| 45 to 64 Years                                 | 168                     | 19.4                   | 1.5               | 16.4                        | 22.3  |
| 65 Years and Older                             | 110                     | 16.6                   | 1.7               | 13.3                        | 19.8  |
| <b>Ethnicity</b>                               |                         |                        |                   |                             |       |
| Hispanic                                       | 18                      | 28.9                   | 6.2               | 16.7                        | 41.1  |
| Non-Hispanic                                   | 398                     | 21.6                   | 1.2               | 19.2                        | 24.0  |
| <b>Race</b>                                    |                         |                        |                   |                             |       |
| White  | 367                     | 20.7                   | 1.2               | 18.4                        | 23.1  |
| African American                               | 23                      | 29.1                   | 7.0               | 15.5                        | 42.8  |
| Other  | 20                      | 33.6                   | 6.9               | 20.1                        | 47.1  |
| Multi-Race                                     | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                               |                         |                        |                   |                             |       |
| High School Graduate or Less                   | 213                     | 28.5                   | 2.1               | 24.4                        | 32.6  |
| Some College or College Graduate               | 201                     | 16.7                   | 1.4               | 14.0                        | 19.4  |
| <b>Annual Household Income</b>                 |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                    | 175                     | 25.6                   | 2.2               | 21.3                        | 29.9  |
| \$35,000 or Higher per Year                    | 179                     | 19.1                   | 1.5               | 16.1                        | 22.1  |
| <b>Disability Status</b>                       |                         |                        |                   |                             |       |
| Living with a Disability                       | 136                     | 23.0                   | 2.2               | 18.6                        | 27.3  |
| Living without a Disability                    | 275                     | 21.7                   | 1.5               | 18.8                        | 24.6  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 123                  | 22.8                | 2.4            | 18.1                  | 27.5  |
| Overweight (25 ≤ BMI < 30)                             | 139                  | 20.7                | 2.0            | 16.7                  | 24.6  |
| Obese (BMI ≥ 30)                                       | 130                  | 22.3                | 2.1            | 18.2                  | 26.4  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 268                  | 20.3                | 1.4            | 17.5                  | 23.2  |
| Does not participate in leisure time physical activity | 144                  | 26.4                | 2.3            | 21.8                  | 31.0  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 38                   | 11.8                | 2.1            | 7.7                   | 15.8  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 358                  | 23.8                | 1.4            | 21.1                  | 26.6  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 109                  | 29.8                | 3.1            | 23.7                  | 35.9  |
| Non-smoker   | 307                  | 19.6                | 1.3            | 17.2                  | 22.1  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 361                  | 21.1                | 1.3            | 18.7                  | 23.6  |
| Uninsured  | 55                   | 27.3                | 3.8            | 19.8                  | 34.8  |

Numerator: Respondents who reported they consumed vegetables less than 1 time per day.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults Who Lack Health Care Coverage, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,212                | 16.7                | 0.4            | 15.9                  | 17.5  |
| Northeast Corner Regionalization Initiative | 235                  | 16.0                | 1.1            | 13.8                  | 18.2  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 103                  | 18.3                | 1.9            | 14.5                  | 22.1  |
| Women                                       | 132                  | 13.9                | 1.3            | 11.4                  | 16.4  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 124                  | 24.7                | 2.2            | 20.4                  | 29.0  |
| 45 to 64 Years                              | 100                  | 12.5                | 1.3            | 9.9                   | 15.1  |
| 65 Years and Older                          | *                    | *                   | *              | *                     | *     |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 29                   | 41.1                | 6.4            | 28.6                  | 53.7  |
| Non-Hispanic                                | 206                  | 14.4                | 1.1            | 12.2                  | 16.6  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 185                  | 13.6                | 1.1            | 11.4                  | 15.7  |
| African American                            | 15                   | 22.2                | 6.2            | 10.1                  | 34.4  |
| Other                                       | 28                   | 39.1                | 6.6            | 26.1                  | 52.2  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 132                  | 22.4                | 2.0            | 18.5                  | 26.4  |
| Some College or College Graduate            | 103                  | 10.6                | 1.2            | 8.3                   | 12.9  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 152                  | 28.9                | 2.3            | 24.4                  | 33.4  |
| \$35,000 or Higher per Year                 | 45                   | 5.8                 | 1.0            | 3.9                   | 7.8   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 59                   | 12.0                | 1.7            | 8.7                   | 15.4  |
| Living without a Disability                 | 160                  | 16.4                | 1.4            | 13.7                  | 19.2  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 64                   | 15.5                | 2.1            | 11.4                  | 19.7  |
| Overweight (25 ≤ BMI < 30)                             | 62                   | 13.1                | 1.9            | 9.4                   | 16.9  |
| Obese (BMI ≥ 30)                                       | 86                   | 18.3                | 2.1            | 14.2                  | 22.4  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 148                  | 14.1                | 1.3            | 11.6                  | 16.7  |
| Does not participate in leisure time physical activity | 70                   | 17.6                | 2.2            | 13.3                  | 21.9  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 24                   | 12.4                | 3.0            | 6.6                   | 18.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 185                  | 15.4                | 1.2            | 13.0                  | 17.8  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 88                   | 27.7                | 2.9            | 21.9                  | 33.4  |
| Non-smoker   | 146                  | 12.3                | 1.2            | 10.0                  | 14.6  |

Numerator: Respondents reporting they had no health care coverage.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 18 to 64 Years Old Who Lack Health Care Coverage,  
2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,123                | 20.1                | 0.5            | 19.2                  | 21.0  |
| Northeast Corner Regionalization Initiative | 224                  | 19.4                | 1.4            | 16.7                  | 22.1  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 98                   | 21.4                | 2.3            | 17.0                  | 25.8  |
| Women                                       | 126                  | 17.4                | 1.6            | 14.3                  | 20.6  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 124                  | 24.7                | 2.2            | 20.4                  | 29.0  |
| 45 to 64 Years                              | 100                  | 12.5                | 1.3            | 9.9                   | 15.1  |
| 65 Years and Older                          | *                    | *                   | *              | *                     | *     |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 29                   | 43.6                | 6.7            | 30.5                  | 56.6  |
| Non-Hispanic                                | 195                  | 17.6                | 1.4            | 14.9                  | 20.3  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 174                  | 16.7                | 1.4            | 14.0                  | 19.4  |
| African American                            | 15                   | 23.6                | 6.6            | 10.7                  | 36.5  |
| Other                                       | 28                   | 41.7                | 7.0            | 28.0                  | 55.3  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 123                  | 28.1                | 2.5            | 23.2                  | 33.0  |
| Some College or College Graduate            | 101                  | 12.5                | 1.4            | 9.8                   | 15.3  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 147                  | 36.7                | 2.9            | 31.1                  | 42.3  |
| \$35,000 or Higher per Year                 | 44                   | 6.7                 | 1.2            | 4.5                   | 9.0   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 56                   | 16.5                | 2.4            | 11.9                  | 21.1  |
| Living without a Disability                 | 155                  | 19.2                | 1.6            | 16.0                  | 22.3  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 61                   | 18.8                | 2.5            | 13.8                  | 23.7  |
| Overweight (25 ≤ BMI < 30)                             | 59                   | 16.3                | 2.4            | 11.6                  | 20.9  |
| Obese (BMI ≥ 30)                                       | 81                   | 21.6                | 2.5            | 16.7                  | 26.4  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 144                  | 17.0                | 1.6            | 13.9                  | 20.0  |
| Does not participate in leisure time physical activity | 66                   | 22.2                | 2.7            | 16.8                  | 27.6  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 24                   | 14.7                | 3.5            | 7.9                   | 21.5  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 178                  | 18.9                | 1.5            | 16.0                  | 21.9  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 87                   | 29.5                | 3.1            | 23.4                  | 35.6  |
| Non-smoker   | 137                  | 15.5                | 1.5            | 12.6                  | 18.4  |

Numerator: Respondents ages 18-64 years old reporting they had no health care coverage.

Denominator: All respondents ages 18-64 years old, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults with No Personal Doctor or Health Care Provider, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,606                | 19.7                | 0.4            | 18.9                  | 20.6  |
| Northeast Corner Regionalization Initiative | 281                  | 19.2                | 1.2            | 16.8                  | 21.6  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 150                  | 23.8                | 2.0            | 19.9                  | 27.8  |
| Women                                       | 131                  | 15.0                | 1.5            | 12.0                  | 18.0  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 154                  | 31.3                | 2.4            | 26.6                  | 35.9  |
| 45 to 64 Years                              | 92                   | 11.1                | 1.2            | 8.7                   | 13.6  |
| 65 Years and Older                          | 35                   | 5.4                 | 1.1            | 3.3                   | 7.5   |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 31                   | 43.9                | 6.4            | 31.4                  | 56.4  |
| Non-Hispanic                                | 250                  | 17.7                | 1.2            | 15.3                  | 20.1  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 222                  | 16.2                | 1.2            | 13.9                  | 18.5  |
| African American                            | 17                   | 33.1                | 7.7            | 18.1                  | 48.1  |
| Other                                       | 34                   | 42.8                | 6.6            | 29.9                  | 55.7  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 141                  | 25.0                | 2.1            | 20.8                  | 29.2  |
| Some College or College Graduate            | 140                  | 14.4                | 1.3            | 11.8                  | 17.0  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 146                  | 27.7                | 2.3            | 23.2                  | 32.2  |
| \$35,000 or Higher per Year                 | 91                   | 11.4                | 1.3            | 8.9                   | 14.0  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 58                   | 11.1                | 1.7            | 7.7                   | 14.5  |
| Living without a Disability                 | 212                  | 21.7                | 1.6            | 18.6                  | 24.8  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 88                   | 20.9                | 2.4            | 16.2                  | 25.7  |
| Overweight (25 ≤ BMI < 30)                             | 97                   | 20.4                | 2.2            | 16.0                  | 24.8  |
| Obese (BMI ≥ 30)                                       | 76                   | 15.3                | 1.9            | 11.6                  | 19.0  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 180                  | 17.2                | 1.4            | 14.4                  | 19.9  |
| Does not participate in leisure time physical activity | 90                   | 23.0                | 2.6            | 17.9                  | 28.0  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 36                   | 19.1                | 3.4            | 12.5                  | 25.7  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 222                  | 18.5                | 1.4            | 15.8                  | 21.2  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 103                  | 33.9                | 3.2            | 27.6                  | 40.2  |
| Non-smoker   | 177                  | 14.5                | 1.2            | 12.1                  | 16.9  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 169                  | 12.5                | 1.1            | 10.3                  | 14.8  |
| Uninsured  | 110                  | 52.6                | 4.0            | 44.7                  | 60.4  |

Numerator: Respondents reporting they had no personal doctor or health care provider.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Could Not See Doctor Because of Cost In the Past 12 Months, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,334                | 14.3                | 0.3            | 13.7                  | 15.0  |
| Northeast Corner Regionalization Initiative | 269                  | 14.7                | 1.0            | 12.7                  | 16.8  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 85                   | 12.8                | 1.6            | 9.7                   | 16.0  |
| Women                                       | 184                  | 16.5                | 1.4            | 13.8                  | 19.2  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 109                  | 20.4                | 2.0            | 16.5                  | 24.4  |
| 45 to 64 Years                              | 136                  | 13.7                | 1.3            | 11.2                  | 16.2  |
| 65 Years and Older                          | 23                   | 2.9                 | 0.7            | 1.5                   | 4.2   |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 21                   | 29.5                | 6.2            | 17.3                  | 41.7  |
| Non-Hispanic                                | 248                  | 13.8                | 1.0            | 11.8                  | 15.9  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 223                  | 13.1                | 1.0            | 11.1                  | 15.1  |
| African American                            | 16                   | 17.9                | 5.7            | 7.9                   | 27.9  |
| Other                                       | 26                   | 35.0                | 6.7            | 21.9                  | 48.2  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 130                  | 17.4                | 1.7            | 14.0                  | 20.7  |
| Some College or College Graduate            | 139                  | 12.6                | 1.3            | 10.0                  | 15.1  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 175                  | 26.7                | 2.1            | 22.5                  | 30.9  |
| \$35,000 or Higher per Year                 | 63                   | 6.2                 | 1.0            | 4.3                   | 8.2   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 116                  | 19.2                | 2.0            | 15.4                  | 23.1  |
| Living without a Disability                 | 139                  | 12.5                | 1.2            | 10.1                  | 14.9  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 73                   | 12.9                | 1.7            | 9.5                   | 16.2  |
| Overweight (25 ≤ BMI < 30)                             | 71                   | 11.6                | 1.8            | 8.1                   | 15.2  |
| Obese (BMI ≥ 30)                                       | 106                  | 20.1                | 2.1            | 16.0                  | 24.3  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 167                  | 13.4                | 1.2            | 11.0                  | 15.8  |
| Does not participate in leisure time physical activity | 86                   | 16.1                | 2.0            | 12.3                  | 20.0  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 23                   | 10.5                | 2.7            | 5.3                   | 15.7  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 221                  | 14.8                | 1.2            | 12.5                  | 17.1  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 100                  | 27.2                | 2.9            | 21.5                  | 32.9  |
| Non-smoker   | 169                  | 10.8                | 1.0            | 8.9                   | 12.7  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 153                  | 8.8                 | 0.9            | 7.0                   | 10.5  |
| Uninsured  | 116                  | 46.6                | 4.0            | 38.8                  | 54.4  |

Numerator: Respondents reporting they could not see a doctor because of cost in the past 12 months.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults with Fair or Poor Self-Perceived Health Status, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 3,614                | 15.0                | 0.3            | 14.4                  | 15.6  |
| Northeast Corner Regionalization Initiative | 403                  | 15.3                | 0.9            | 13.6                  | 17.1  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 149                  | 14.0                | 1.3            | 11.4                  | 16.6  |
| Women                                       | 254                  | 16.6                | 1.2            | 14.2                  | 18.9  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 58                   | 9.2                 | 1.3            | 6.7                   | 11.8  |
| 45 to 64 Years                              | 155                  | 17.1                | 1.5            | 14.3                  | 20.0  |
| 65 Years and Older                          | 188                  | 26.2                | 1.9            | 22.5                  | 30.0  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 22                   | 23.4                | 5.7            | 13.4                  | 33.5  |
| Non-Hispanic                                | 381                  | 14.8                | 0.9            | 13.1                  | 16.6  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 368                  | 15.6                | 0.9            | 13.7                  | 17.4  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | 16                   | 15.0                | 4.3            | 6.6                   | 23.4  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 211                  | 18.3                | 1.5            | 15.4                  | 21.3  |
| Some College or College Graduate            | 192                  | 12.9                | 1.1            | 10.8                  | 14.9  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 215                  | 22.5                | 1.8            | 19.0                  | 25.9  |
| \$35,000 or Higher per Year                 | 113                  | 9.8                 | 1.1            | 7.7                   | 11.9  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 280                  | 39.4                | 2.3            | 34.8                  | 43.9  |
| Living without a Disability                 | 107                  | 6.7                 | 0.8            | 5.2                   | 8.2   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 105                  | 12.4                | 1.5            | 9.5                   | 15.4  |
| Overweight (25 ≤ BMI <30)                              | 127                  | 13.2                | 1.3            | 10.6                  | 15.9  |
| Obese (BMI ≥ 30)                                       | 140                  | 20.1                | 1.9            | 16.3                  | 23.8  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 192                  | 11.2                | 1.0            | 9.3                   | 13.1  |
| Does not participate in leisure time physical activity | 196                  | 26.2                | 2.1            | 22.1                  | 30.3  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 27                   | 5.8                 | 1.3            | 3.3                   | 8.3   |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 352                  | 17.5                | 1.1            | 15.4                  | 19.6  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 109                  | 20.5                | 2.3            | 16.0                  | 25.0  |
| Non-smoker   | 289                  | 13.5                | 0.9            | 11.7                  | 15.4  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 355                  | 15.1                | 0.9            | 13.3                  | 16.9  |
| Uninsured  | 47                   | 16.9                | 2.7            | 11.5                  | 22.2  |

Numerator: Respondents reporting that in general their health is fair or poor.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Their Physical Health Was Not Good on 14 or More Days in the Past 30 Days, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,519                | 10.5                | 0.3            | 10.0                  | 11.0  |
| Northeast Corner Regionalization Initiative | 290                  | 11.8                | 0.8            | 10.2                  | 13.4  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 98                   | 9.8                 | 1.2            | 7.5                   | 12.1  |
| Women                                       | 192                  | 13.6                | 1.1            | 11.4                  | 15.8  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 53                   | 8.7                 | 1.3            | 6.2                   | 11.2  |
| 45 to 64 Years                              | 116                  | 12.6                | 1.3            | 10.1                  | 15.1  |
| 65 Years and Older                          | 120                  | 17.7                | 1.8            | 14.2                  | 21.1  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 16                   | 19.4                | 5.2            | 9.2                   | 29.6  |
| Non-Hispanic                                | 274                  | 11.3                | 0.8            | 9.7                   | 12.9  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 258                  | 11.6                | 0.9            | 10.0                  | 13.3  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | 16                   | 16.2                | 4.7            | 6.9                   | 25.4  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 142                  | 13.8                | 1.4            | 11.1                  | 16.5  |
| Some College or College Graduate            | 148                  | 10.1                | 1.0            | 8.2                   | 12.0  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 150                  | 16.1                | 1.6            | 13.1                  | 19.2  |
| \$35,000 or Higher per Year                 | 91                   | 7.9                 | 1.0            | 6.0                   | 9.7   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 217                  | 33.3                | 2.3            | 28.8                  | 37.8  |
| Living without a Disability                 | 63                   | 4.1                 | 0.6            | 2.9                   | 5.3   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 77                   | 10.4                | 1.5            | 7.5                   | 13.3  |
| Overweight (25 ≤ BMI < 30)                             | 89                   | 10.5                | 1.3            | 8.0                   | 13.1  |
| Obese (BMI ≥ 30)                                       | 103                  | 14.2                | 1.6            | 11.0                  | 17.4  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 134                  | 8.1                 | 0.8            | 6.5                   | 9.8   |
| Does not participate in leisure time physical activity | 147                  | 21.2                | 2.0            | 17.3                  | 25.1  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 19                   | 4.2                 | 1.1            | 2.1                   | 6.3   |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 254                  | 13.4                | 1.0            | 11.5                  | 15.4  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 82                   | 15.7                | 2.1            | 11.5                  | 19.8  |
| Non-smoker   | 206                  | 10.5                | 0.9            | 8.8                   | 12.2  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 259                  | 11.7                | 0.9            | 10.0                  | 13.4  |
| Uninsured  | 31                   | 12.4                | 2.5            | 7.6                   | 17.2  |

Numerator: Respondents reporting 14 or more days when their physical health was not good.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Their Mental Health Was Not Good on 14  
or More Days in the Past 30 Days, 2011**

**Northeast Corner Regionalization Initiative**

|  | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|--|-------------------------|------------------------|-------------------|-----------------------------|-------|
|  |                         |                        |                   | Lower                       | Upper |
| Kansas   | 1,937                   | 10.2                   | 0.3               | 9.6                         | 10.8  |
| Northeast Corner Regionalization<br>Initiative | 238                     | 11.5                   | 0.9               | 9.7                         | 13.3  |
| <b>Gender</b>                                  |                         |                        |                   |                             |       |
| Men  | 74                      | 9.2                    | 1.3               | 6.6                         | 11.8  |
| Women  | 164                     | 13.6                   | 1.3               | 11.1                        | 16.1  |
| <b>Age Group</b>                               |                         |                        |                   |                             |       |
| 18 to 44 Years                                 | 68                      | 12.7                   | 1.7               | 9.4                         | 16.1  |
| 45 to 64 Years                                 | 122                     | 12.6                   | 1.2               | 10.2                        | 15.0  |
| 65 Years and Older                             | 48                      | 6.6                    | 1.1               | 4.4                         | 8.7   |
| <b>Ethnicity</b>                               |                         |                        |                   |                             |       |
| Hispanic                                       | *                       | *                      | *                 | *                           | *     |
| Non-Hispanic                                   | 231                     | 11.6                   | 0.9               | 9.8                         | 13.5  |
| <b>Race</b>                                    |                         |                        |                   |                             |       |
| White  | 212                     | 10.9                   | 0.9               | 9.2                         | 12.7  |
| African American                               | *                       | *                      | *                 | *                           | *     |
| Other  | *                       | *                      | *                 | *                           | *     |
| Multi-Race                                     | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                               |                         |                        |                   |                             |       |
| High School Graduate or Less                   | 104                     | 11.9                   | 1.5               | 9.0                         | 14.8  |
| Some College or College Graduate               | 134                     | 11.2                   | 1.2               | 8.9                         | 13.4  |
| <b>Annual Household Income</b>                 |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                    | 114                     | 16.5                   | 1.9               | 12.8                        | 20.1  |
| \$35,000 or Higher per Year                    | 90                      | 8.8                    | 1.1               | 6.7                         | 10.9  |
| <b>Disability Status</b>                       |                         |                        |                   |                             |       |
| Living with a Disability                       | 136                     | 23.0                   | 2.2               | 18.6                        | 27.3  |
| Living without a Disability                    | 96                      | 7.5                    | 0.9               | 5.6                         | 9.3   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 65                   | 10.6                | 1.7            | 7.2                   | 13.9  |
| Overweight (25 ≤ BMI < 30)                             | 74                   | 10.8                | 1.6            | 7.6                   | 13.9  |
| Obese (BMI ≥ 30)                                       | 86                   | 13.8                | 1.7            | 10.5                  | 17.1  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 131                  | 9.3                 | 1.0            | 7.4                   | 11.3  |
| Does not participate in leisure time physical activity | 99                   | 17.0                | 2.0            | 13.0                  | 21.0  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 25                   | 9.6                 | 2.6            | 4.5                   | 14.7  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 201                  | 12.2                | 1.0            | 10.2                  | 14.2  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 87                   | 21.1                | 2.7            | 15.8                  | 26.4  |
| Non-smoker   | 150                  | 8.4                 | 0.8            | 6.8                   | 10.0  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 195                  | 10.6                | 1.0            | 8.7                   | 12.5  |
| Uninsured  | 43                   | 16.4                | 2.8            | 11.0                  | 21.9  |

Numerator: Respondents reporting 14 or more days when their mental health was not good.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Their Poor Physical or Mental Health Kept Them From Doing Their Usual Activities, such as Self-care, Work, or Recreation, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 3,985                | 39.5                | 0.7            | 38.2                  | 40.8  |
| Northeast Corner Regionalization Initiative | 493                  | 45.6                | 2.0            | 41.7                  | 49.4  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 178                  | 45.0                | 3.2            | 38.7                  | 51.3  |
| Women                                       | 315                  | 46.0                | 2.4            | 41.3                  | 50.8  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 145                  | 45.8                | 3.3            | 39.4                  | 52.3  |
| 45 to 64 Years                              | 221                  | 47.3                | 2.6            | 42.1                  | 52.5  |
| 65 Years and Older                          | 126                  | 40.4                | 3.3            | 34.0                  | 46.8  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 471                  | 45.1                | 2.0            | 41.1                  | 49.0  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 444                  | 45.3                | 2.0            | 41.4                  | 49.2  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 198                  | 44.1                | 3.1            | 38.1                  | 50.1  |
| Some College or College Graduate            | 295                  | 46.8                | 2.6            | 41.8                  | 51.8  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 232                  | 52.7                | 3.1            | 46.7                  | 58.8  |
| \$35,000 or Higher per Year                 | 207                  | 40.8                | 2.8            | 35.4                  | 46.3  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 293                  | 64.1                | 2.7            | 58.7                  | 69.5  |
| Living without a Disability                 | 183                  | 33.1                | 2.6            | 28.0                  | 38.2  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 138                  | 42.4                | 3.6            | 35.3                  | 49.6  |
| Overweight (25 ≤ BMI < 30)                             | 149                  | 42.5                | 3.4            | 35.8                  | 49.1  |
| Obese (BMI ≥ 30)                                       | 181                  | 52.0                | 3.4            | 45.4                  | 58.7  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 290                  | 43.5                | 2.5            | 38.7                  | 48.3  |
| Does not participate in leisure time physical activity | 187                  | 49.0                | 3.4            | 42.5                  | 55.6  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 46                   | 41.9                | 6.5            | 29.1                  | 54.7  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 418                  | 45.4                | 2.1            | 41.3                  | 49.5  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 134                  | 51.0                | 4.1            | 42.9                  | 59.2  |
| Non-smoker   | 357                  | 43.2                | 2.1            | 39.0                  | 47.4  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 428                  | 44.4                | 2.1            | 40.3                  | 48.6  |
| Uninsured  | 64                   | 49.8                | 5.2            | 39.7                  | 59.9  |

**Numerator:** Respondents reporting one or more days in the past 30 days when their poor physical or mental health kept them from doing their usual activities, such as self-care, work, or recreation.

**Denominator:** Among respondents with at least one day in the past 30 days when their physical or mental health was not good, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults Who had a Heart Attack, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 1,236                | 4.4                 | 0.2            | 4.1                   | 4.7   |
| Northeast Corner Regionalization Initiative | 123                  | 4.1                 | 0.4            | 3.3                   | 5.0   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 73                   | 5.7                 | 0.8            | 4.2                   | 7.2   |
| Women                                       | 50                   | 2.7                 | 0.5            | 1.7                   | 3.6   |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | *                    | *                   | *              | *                     | *     |
| 45 to 64 Years                              | 33                   | 4.2                 | 0.8            | 2.6                   | 5.7   |
| 65 Years and Older                          | 87                   | 13.0                | 1.5            | 10.0                  | 16.0  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 121                  | 4.2                 | 0.5            | 3.3                   | 5.1   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 112                  | 4.2                 | 0.5            | 3.3                   | 5.1   |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 66                   | 5.7                 | 0.8            | 4.1                   | 7.3   |
| Some College or College Graduate            | 57                   | 2.8                 | 0.4            | 1.9                   | 3.7   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 69                   | 6.6                 | 1.0            | 4.8                   | 8.5   |
| \$35,000 or Higher per Year                 | 37                   | 2.6                 | 0.5            | 1.7                   | 3.6   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 77                   | 10.4                | 1.4            | 7.7                   | 13.1  |
| Living without a Disability                 | 40                   | 1.8                 | 0.3            | 1.1                   | 2.4   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 35                   | 3.4                 | 0.7            | 2.0                   | 4.7   |
| Overweight (25 ≤ BMI < 30)                             | 48                   | 4.9                 | 0.8            | 3.3                   | 6.5   |
| Obese (BMI ≥ 30)                                       | 38                   | 4.5                 | 0.9            | 2.8                   | 6.1   |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 67                   | 3.1                 | 0.4            | 2.2                   | 4.0   |
| Does not participate in leisure time physical activity | 50                   | 6.7                 | 1.1            | 4.5                   | 8.9   |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 15                   | 3.0                 | 0.9            | 1.3                   | 4.8   |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 95                   | 4.2                 | 0.5            | 3.2                   | 5.2   |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 24                   | 3.8                 | 0.9            | 2.1                   | 5.6   |
| Non-smoker   | 99                   | 4.2                 | 0.5            | 3.2                   | 5.2   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 112                  | 4.3                 | 0.5            | 3.4                   | 5.3   |
| Uninsured  | *                    | *                   | *              | *                     | *     |

**Numerator:** Respondents reporting they had been told by a doctor, nurse, or other health professional that they had a heart attack also called a myocardial infarction.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Adults Who had Angina or Coronary Heart Disease, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 1,333                | 4.5                 | 0.2            | 4.2                   | 4.8   |
| Northeast Corner Regionalization Initiative | 142                  | 4.7                 | 0.5            | 3.8                   | 5.7   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 70                   | 5.7                 | 0.8            | 4.2                   | 7.3   |
| Women                                       | 72                   | 3.8                 | 0.5            | 2.7                   | 4.9   |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | *                    | *                   | *              | *                     | *     |
| 45 to 64 Years                              | 39                   | 4.1                 | 0.7            | 2.7                   | 5.5   |
| 65 Years and Older                          | 97                   | 14.8                | 1.6            | 11.7                  | 18.0  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 138                  | 4.8                 | 0.5            | 3.9                   | 5.8   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 126                  | 4.6                 | 0.5            | 3.7                   | 5.5   |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 72                   | 6.0                 | 0.8            | 4.4                   | 7.6   |
| Some College or College Graduate            | 70                   | 3.6                 | 0.6            | 2.5                   | 4.7   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 73                   | 5.8                 | 0.8            | 4.2                   | 7.4   |
| \$35,000 or Higher per Year                 | 47                   | 3.8                 | 0.7            | 2.5                   | 5.1   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 83                   | 11.6                | 1.5            | 8.6                   | 14.6  |
| Living without a Disability                 | 53                   | 2.3                 | 0.4            | 1.6                   | 3.0   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 30                   | 2.8                 | 0.6            | 1.7                   | 4.0   |
| Overweight (25 ≤ BMI < 30)                             | 62                   | 5.7                 | 0.9            | 4.0                   | 7.4   |
| Obese (BMI ≥ 30)                                       | 45                   | 5.8                 | 1.1            | 3.7                   | 7.9   |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 81                   | 3.7                 | 0.5            | 2.7                   | 4.7   |
| Does not participate in leisure time physical activity | 56                   | 7.7                 | 1.2            | 5.3                   | 10.1  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | *                    | *                   | *              | *                     | *     |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 117                  | 5.0                 | 0.5            | 4.0                   | 6.1   |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 29                   | 5.5                 | 1.3            | 3.0                   | 8.0   |
| Non-smoker   | 111                  | 4.4                 | 0.5            | 3.5                   | 5.4   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 131                  | 5.0                 | 0.5            | 4.0                   | 6.0   |
| Uninsured  | *                    | *                   | *              | *                     | *     |

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they had angina or coronary heart disease.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Adults Who Had A Stroke, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 831                  | 2.7                 | 0.1            | 2.5                   | 3.0   |
| Northeast Corner Regionalization Initiative | 88                   | 3.5                 | 0.5            | 2.5                   | 4.5   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 42                   | 3.8                 | 0.7            | 2.4                   | 5.2   |
| Women                                       | 46                   | 3.2                 | 0.7            | 1.7                   | 4.6   |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | *                    | *                   | *              | *                     | *     |
| 45 to 64 Years                              | 27                   | 3.3                 | 0.7            | 1.9                   | 4.6   |
| 65 Years and Older                          | 53                   | 7.2                 | 1.1            | 5.1                   | 9.4   |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 84                   | 3.5                 | 0.5            | 2.5                   | 4.5   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 83                   | 3.5                 | 0.5            | 2.5                   | 4.5   |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 46                   | 4.4                 | 0.9            | 2.6                   | 6.2   |
| Some College or College Graduate            | 42                   | 2.7                 | 0.6            | 1.6                   | 3.8   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 44                   | 5.1                 | 1.1            | 2.9                   | 7.4   |
| \$35,000 or Higher per Year                 | 23                   | 1.7                 | 0.4            | 0.9                   | 2.5   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 64                   | 10.1                | 1.7            | 6.8                   | 13.4  |
| Living without a Disability                 | 22                   | 1.2                 | 0.3            | 0.6                   | 1.9   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | *                    | *                   | *              | *                     | *     |
| Overweight (25 ≤ BMI < 30)                             | 25                   | 2.5                 | 0.6            | 1.3                   | 3.6   |
| Obese (BMI ≥ 30)                                       | 35                   | 4.5                 | 0.9            | 2.7                   | 6.2   |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 42                   | 2.7                 | 0.6            | 1.5                   | 3.8   |
| Does not participate in leisure time physical activity | 44                   | 5.9                 | 1.1            | 3.6                   | 8.1   |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | *                    | *                   | *              | *                     | *     |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 70                   | 3.4                 | 0.5            | 2.4                   | 4.4   |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | *                    | *                   | *              | *                     | *     |
| Non-smoker   | 65                   | 3.2                 | 0.5            | 2.2                   | 4.2   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 81                   | 3.8                 | 0.6            | 2.6                   | 4.9   |
| Uninsured  | *                    | *                   | *              | *                     | *     |

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they had a stroke.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Adults with Diagnosed Hypertension, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 8,234                | 30.8                | 0.4            | 30.1                  | 31.6  |
| Northeast Corner Regionalization Initiative | 864                  | 30.8                | 1.2            | 28.5                  | 33.1  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 315                  | 29.8                | 1.8            | 26.2                  | 33.4  |
| Women                                       | 549                  | 31.7                | 1.5            | 28.8                  | 34.6  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 81                   | 13.2                | 1.6            | 10.1                  | 16.3  |
| 45 to 64 Years                              | 361                  | 38.4                | 1.9            | 34.8                  | 42.1  |
| 65 Years and Older                          | 417                  | 58.4                | 2.2            | 54.2                  | 62.6  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 21                   | 19.4                | 4.7            | 10.2                  | 28.6  |
| Non-Hispanic                                | 843                  | 31.5                | 1.2            | 29.2                  | 33.9  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 801                  | 32.3                | 1.2            | 29.9                  | 34.7  |
| African American                            | 30                   | 27.1                | 5.8            | 15.7                  | 38.6  |
| Other                                       | 18                   | 12.1                | 3.5            | 5.2                   | 18.9  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 395                  | 33.3                | 1.9            | 29.5                  | 37.0  |
| Some College or College Graduate            | 468                  | 28.7                | 1.4            | 25.9                  | 31.6  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 352                  | 34.1                | 2.1            | 30.0                  | 38.2  |
| \$35,000 or Higher per Year                 | 388                  | 29.9                | 1.6            | 26.8                  | 32.9  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 382                  | 50.4                | 2.4            | 45.7                  | 55.1  |
| Living without a Disability                 | 459                  | 24.1                | 1.3            | 21.5                  | 26.6  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 155                  | 17.1                | 1.7            | 13.7                  | 20.4  |
| Overweight (25 ≤ BMI <30)                              | 297                  | 29.5                | 1.9            | 25.7                  | 33.3  |
| Obese (BMI ≥ 30)                                       | 362                  | 46.2                | 2.4            | 41.5                  | 50.9  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 560                  | 28.6                | 1.3            | 26.0                  | 31.3  |
| Does not participate in leisure time physical activity | 280                  | 37.0                | 2.4            | 32.3                  | 41.7  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 85                   | 19.0                | 2.5            | 14.2                  | 23.9  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 733                  | 33.8                | 1.4            | 31.1                  | 36.4  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 131                  | 24.1                | 2.5            | 19.2                  | 29.0  |
| Non-smoker   | 728                  | 32.9                | 1.3            | 30.3                  | 35.5  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 801                  | 32.4                | 1.3            | 29.9                  | 34.8  |
| Uninsured  | 61                   | 23.2                | 3.2            | 17.0                  | 29.5  |

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they have high blood pressure.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 18 Years and Older Who Did Not Get Immunized  
Against Influenza During the Past 12 Months, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 10,021               | 58.3                | 0.4            | 57.4                  | 59.2  |
| Northeast Corner Regionalization Initiative | 972                  | 53.4                | 1.4            | 50.7                  | 56.1  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 438                  | 61.1                | 2.1            | 57.1                  | 65.1  |
| Women                                       | 534                  | 46.4                | 1.8            | 42.9                  | 49.9  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 361                  | 69.0                | 2.3            | 64.4                  | 73.6  |
| 45 to 64 Years                              | 428                  | 48.4                | 1.9            | 44.6                  | 52.1  |
| 65 Years and Older                          | 180                  | 26.5                | 2.0            | 22.7                  | 30.4  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 46                   | 66.6                | 5.9            | 55.1                  | 78.1  |
| Non-Hispanic                                | 925                  | 52.6                | 1.4            | 49.9                  | 55.4  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 865                  | 52.4                | 1.4            | 49.6                  | 55.1  |
| African American                            | 43                   | 53.6                | 7.9            | 38.2                  | 69.0  |
| Other                                       | 50                   | 66.8                | 6.1            | 55.0                  | 78.7  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 423                  | 57.4                | 2.2            | 53.2                  | 61.6  |
| Some College or College Graduate            | 549                  | 50.3                | 1.8            | 46.8                  | 53.7  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 379                  | 59.9                | 2.3            | 55.5                  | 64.4  |
| \$35,000 or Higher per Year                 | 458                  | 48.1                | 1.8            | 44.5                  | 51.7  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 258                  | 44.2                | 2.4            | 39.4                  | 49.0  |
| Living without a Disability                 | 712                  | 56.8                | 1.6            | 53.6                  | 60.0  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 297                  | 55.3                | 2.6            | 50.2                  | 60.4  |
| Overweight (25 ≤ BMI <30)                              | 333                  | 55.3                | 2.3            | 50.9                  | 59.8  |
| Obese (BMI ≥ 30)                                       | 291                  | 50.0                | 2.5            | 45.2                  | 54.8  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 672                  | 53.0                | 1.6            | 49.8                  | 56.2  |
| Does not participate in leisure time physical activity | 296                  | 54.6                | 2.6            | 49.5                  | 59.7  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 118                  | 47.6                | 3.9            | 39.9                  | 55.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 813                  | 54.1                | 1.5            | 51.2                  | 57.0  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 243                  | 68.5                | 3.1            | 62.3                  | 74.6  |
| Non-smoker   | 728                  | 48.9                | 1.5            | 45.9                  | 51.8  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 808                  | 48.9                | 1.5            | 46.0                  | 51.8  |
| Uninsured  | 162                  | 78.6                | 3.1            | 72.4                  | 84.7  |

Numerator: Respondents who reported they did not have a flu shot or vaccine sprayed in the nose during the past 12 months.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 65 Years and Older Who Did Not Get Immunized  
Against Influenza During the Past 12 Months, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 2,059                | 32.4                | 0.7            | 31.0                  | 33.7  |
| Northeast Corner Regionalization Initiative | 180                  | 26.5                | 2.0            | 22.7                  | 30.4  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 65                   | 27.2                | 3.3            | 20.7                  | 33.8  |
| Women                                       | 115                  | 26.0                | 2.4            | 21.4                  | 30.7  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 178                  | 26.5                | 2.0            | 22.6                  | 30.4  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 173                  | 26.2                | 2.0            | 22.4                  | 30.1  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 96                   | 28.7                | 2.9            | 23.0                  | 34.4  |
| Some College or College Graduate            | 84                   | 24.3                | 2.6            | 19.2                  | 29.4  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 93                   | 29.7                | 3.0            | 23.9                  | 35.6  |
| \$35,000 or Higher per Year                 | 49                   | 20.9                | 3.1            | 14.9                  | 26.9  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 81                   | 26.1                | 2.9            | 20.5                  | 31.7  |
| Living without a Disability                 | 99                   | 26.9                | 2.7            | 21.7                  | 32.2  |
| <b>Weight Category</b>                      |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)             | 52                   | 25.7                | 3.7            | 18.5                  | 32.8  |
| Overweight (25 ≤ BMI < 30)                  | 67                   | 26.7                | 3.2            | 20.5                  | 32.9  |
| Obese (BMI ≥ 30)                            | 54                   | 28.3                | 3.8            | 20.9                  | 35.7  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 107                  | 24.3                | 2.4            | 19.7                  | 28.9  |
| Does not participate in leisure time physical activity | 73                   | 31.7                | 3.6            | 24.7                  | 38.7  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 13                   | 15.5                | 4.5            | 6.8                   | 24.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 160                  | 28.6                | 2.2            | 24.2                  | 32.9  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 24                   | 44.6                | 7.6            | 29.7                  | 59.5  |
| Non-smoker   | 156                  | 24.9                | 2.0            | 21.0                  | 28.7  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 177                  | 26.4                | 2.0            | 22.6                  | 30.3  |
| Uninsured  | *                    | *                   | *              | *                     | *     |

Numerator: Respondents ages 65 years and older who reported they did not receive a flu shot or vaccine sprayed in the nose during the past 12 months.

Denominator: All respondents ages 65 years and older, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 65 Years and Older Who Never Had Pneumonia  
Vaccination, 2011**

**Northeast Corner Regionalization Initiative**

|  | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|--|-------------------------|------------------------|-------------------|-----------------------------|-------|
|  |                         |                        |                   | Lower                       | Upper |
| Kansas   | 1,792                   | 29.2                   | 0.7               | 27.9                        | 30.6  |
| Northeast Corner Regionalization<br>Initiative | 163                     | 25.1                   | 2.0               | 21.1                        | 29.0  |
| <b>Gender</b>                                  |                         |                        |                   |                             |       |
| Men  | 54                      | 26.2                   | 3.5               | 19.3                        | 33.1  |
| Women  | 109                     | 24.2                   | 2.3               | 19.6                        | 28.8  |
| <b>Ethnicity</b>                               |                         |                        |                   |                             |       |
| Hispanic                                       | *                       | *                      | *                 | *                           | *     |
| Non-Hispanic                                   | 160                     | 24.8                   | 2.0               | 20.8                        | 28.7  |
| <b>Race</b>                                    |                         |                        |                   |                             |       |
| White  | 156                     | 24.7                   | 2.0               | 20.7                        | 28.6  |
| African American                               | *                       | *                      | *                 | *                           | *     |
| Other  | *                       | *                      | *                 | *                           | *     |
| Multi-Race                                     | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                               |                         |                        |                   |                             |       |
| High School Graduate or Less                   | 85                      | 26.5                   | 2.9               | 20.8                        | 32.2  |
| Some College or College Graduate               | 78                      | 23.5                   | 2.8               | 18.1                        | 28.9  |
| <b>Annual Household Income</b>                 |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                    | 73                      | 23.1                   | 2.8               | 17.6                        | 28.5  |
| \$35,000 or Higher per Year                    | 58                      | 28.3                   | 3.6               | 21.2                        | 35.3  |
| <b>Disability Status</b>                       |                         |                        |                   |                             |       |
| Living with a Disability                       | 59                      | 19.0                   | 2.6               | 13.9                        | 24.0  |
| Living without a Disability                    | 104                     | 29.6                   | 2.9               | 24.0                        | 35.2  |
| <b>Weight Category</b>                         |                         |                        |                   |                             |       |
| Normal or Underweight (BMI <25)                | 57                      | 27.5                   | 3.7               | 20.2                        | 34.9  |
| Overweight (25 ≤ BMI < 30)                     | 53                      | 24.2                   | 3.4               | 17.6                        | 30.8  |
| Obese (BMI ≥ 30)                               | 44                      | 22.2                   | 3.5               | 15.4                        | 29.0  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 102                  | 24.1                | 2.4            | 19.3                  | 28.9  |
| Does not participate in leisure time physical activity | 60                   | 27.2                | 3.6            | 20.3                  | 34.2  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 14                   | 19.6                | 5.2            | 9.4                   | 29.8  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 140                  | 25.6                | 2.2            | 21.3                  | 30.0  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 23                   | 45.4                | 7.7            | 30.4                  | 60.4  |
| Non-smoker   | 139                  | 22.9                | 2.0            | 19.0                  | 26.9  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 160                  | 24.9                | 2.0            | 20.9                  | 28.8  |
| Uninsured  | *                    | *                   | *              | *                     | *     |

Numerator: Respondents ages 65 years and older who reported they never had a pneumonia vaccination.

Denominator: All respondents ages 65 years and older, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults who are Obese, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 5,907                | 29.6                | 0.4            | 28.7                  | 30.4  |
| Northeast Corner Regionalization Initiative | 673                  | 31.2                | 1.3            | 28.7                  | 33.8  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 282                  | 32.4                | 2.0            | 28.4                  | 36.3  |
| Women                                       | 391                  | 30.1                | 1.6            | 27.0                  | 33.3  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 171                  | 29.0                | 2.3            | 24.5                  | 33.4  |
| 45 to 64 Years                              | 310                  | 35.1                | 1.9            | 31.4                  | 38.7  |
| 65 Years and Older                          | 191                  | 29.3                | 2.0            | 25.3                  | 33.3  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 26                   | 30.4                | 6.7            | 18.4                  | 42.4  |
| Non-Hispanic                                | 647                  | 31.3                | 1.3            | 28.7                  | 33.9  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 605                  | 30.4                | 1.3            | 27.9                  | 32.9  |
| African American                            | 29                   | 38.2                | 7.6            | 23.3                  | 53.1  |
| Other                                       | 27                   | 34.4                | 6.8            | 21.1                  | 47.6  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 288                  | 31.5                | 2.0            | 27.6                  | 35.4  |
| Some College or College Graduate            | 383                  | 30.9                | 1.7            | 27.7                  | 34.2  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 264                  | 33.2                | 2.2            | 28.8                  | 37.6  |
| \$35,000 or Higher per Year                 | 333                  | 32.7                | 1.8            | 29.2                  | 36.3  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 275                  | 41.7                | 2.4            | 36.9                  | 46.4  |
| Living without a Disability                 | 381                  | 27.6                | 1.5            | 24.6                  | 30.6  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 437                  | 29.6                | 1.5            | 26.6                  | 32.6  |
| Does not participate in leisure time physical activity | 215                  | 35.3                | 2.5            | 30.4                  | 40.2  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 65                   | 23.2                | 3.6            | 16.1                  | 30.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 562                  | 32.6                | 1.4            | 29.8                  | 35.4  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 106                  | 26.7                | 2.9            | 21.0                  | 32.3  |
| Non-smoker   | 564                  | 32.7                | 1.4            | 29.9                  | 35.4  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 586                  | 30.3                | 1.3            | 27.7                  | 32.9  |
| Uninsured  | 86                   | 36.9                | 4.0            | 29.1                  | 44.7  |

Numerator: Respondents with a body mass index greater than or equal to 30, based on self-reported height and weight.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults Who are Overweight or Obese, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 12,869               | 64.4                | 0.5            | 63.5                  | 65.3  |
| Northeast Corner Regionalization Initiative | 1,443                | 66.9                | 1.4            | 64.2                  | 69.6  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 656                  | 73.2                | 2.0            | 69.2                  | 77.1  |
| Women                                       | 787                  | 60.7                | 1.8            | 57.1                  | 64.3  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 350                  | 61.9                | 2.5            | 56.9                  | 66.9  |
| 45 to 64 Years                              | 637                  | 72.3                | 1.7            | 68.9                  | 75.6  |
| 65 Years and Older                          | 454                  | 69.2                | 2.0            | 65.2                  | 73.1  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 49                   | 64.3                | 6.7            | 51.1                  | 77.5  |
| Non-Hispanic                                | 1,393                | 67.1                | 1.4            | 64.3                  | 69.8  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 1,325                | 67.4                | 1.4            | 64.7                  | 70.2  |
| African American                            | 51                   | 66.4                | 7.7            | 51.4                  | 81.4  |
| Other                                       | 47                   | 60.6                | 7.2            | 46.5                  | 74.6  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 564                  | 63.4                | 2.3            | 59.0                  | 67.9  |
| Some College or College Graduate            | 877                  | 69.8                | 1.6            | 66.6                  | 73.0  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 510                  | 63.5                | 2.4            | 58.8                  | 68.2  |
| \$35,000 or Higher per Year                 | 750                  | 71.3                | 1.7            | 68.1                  | 74.6  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 493                  | 72.9                | 2.4            | 68.2                  | 77.5  |
| Living without a Disability                 | 914                  | 65.3                | 1.7            | 62.0                  | 68.6  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 984                  | 65.4                | 1.7            | 62.2                  | 68.6  |
| Does not participate in leisure time physical activity | 425                  | 72.8                | 2.5            | 67.9                  | 77.6  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 176                  | 57.8                | 3.9            | 50.1                  | 65.5  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 1,188                | 69.5                | 1.5            | 66.6                  | 72.4  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 251                  | 62.9                | 3.2            | 56.5                  | 69.2  |
| Non-smoker   | 1,187                | 68.2                | 1.5            | 65.3                  | 71.1  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 1,292                | 66.9                | 1.4            | 64.1                  | 69.7  |
| Uninsured  | 148                  | 66.9                | 4.0            | 59.0                  | 74.8  |

Numerator: Respondents with a body mass index greater than or equal to 25, based on self-reported height and weight.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported That They Do Not Always Wear a Seatbelt  
When They Drive or Ride in a Car, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|---|-------------------------|------------------------|-------------------|-----------------------------|-------|
|   |                         |                        |                   | Lower                       | Upper |
| Kansas                                      | 3,339                   | 19.4                   | 0.4               | 18.6                        | 20.1  |
| Northeast Corner Regionalization Initiative | 365                     | 20.9                   | 1.2               | 18.5                        | 23.3  |
| <b>Gender</b>                               |                         |                        |                   |                             |       |
| Men   | 212                     | 28.4                   | 2.0               | 24.5                        | 32.4  |
| Women                                       | 153                     | 14.0                   | 1.4               | 11.2                        | 16.9  |
| <b>Age Group</b>                            |                         |                        |                   |                             |       |
| 18 to 44 Years                              | 139                     | 28.3                   | 2.4               | 23.7                        | 33.0  |
| 45 to 64 Years                              | 141                     | 16.3                   | 1.4               | 13.6                        | 19.1  |
| 65 Years and Older                          | 85                      | 12.6                   | 1.5               | 9.7                         | 15.5  |
| <b>Ethnicity</b>                            |                         |                        |                   |                             |       |
| Hispanic                                    | 18                      | 29.0                   | 6.2               | 16.9                        | 41.1  |
| Non-Hispanic                                | 347                     | 20.5                   | 1.2               | 18.0                        | 22.9  |
| <b>Race</b>                                 |                         |                        |                   |                             |       |
| White                                       | 324                     | 20.2                   | 1.2               | 17.8                        | 22.7  |
| African American                            | *                       | *                      | *                 | *                           | *     |
| Other                                       | 20                      | 29.7                   | 6.2               | 17.6                        | 41.8  |
| Multi-Race                                  | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                            |                         |                        |                   |                             |       |
| High School Graduate or Less                | 191                     | 27.1                   | 2.1               | 23.0                        | 31.2  |
| Some College or College Graduate            | 174                     | 15.9                   | 1.4               | 13.2                        | 18.7  |
| <b>Annual Household Income</b>              |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                 | 144                     | 21.8                   | 2.0               | 17.9                        | 25.8  |
| \$35,000 or Higher per Year                 | 181                     | 19.3                   | 1.5               | 16.3                        | 22.2  |
| <b>Disability Status</b>                    |                         |                        |                   |                             |       |
| Living with a Disability                    | 125                     | 19.4                   | 1.9               | 15.6                        | 23.2  |
| Living without a Disability                 | 240                     | 21.5                   | 1.5               | 18.5                        | 24.5  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 83                   | 18.4                | 2.4            | 13.7                  | 23.1  |
| Overweight (25 ≤ BMI <30)                              | 117                  | 20.1                | 2.1            | 16.0                  | 24.3  |
| Obese (BMI ≥ 30)                                       | 155                  | 26.3                | 2.2            | 22.1                  | 30.6  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 238                  | 19.2                | 1.4            | 16.5                  | 21.9  |
| Does not participate in leisure time physical activity | 126                  | 25.6                | 2.6            | 20.6                  | 30.6  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 42                   | 17.4                | 3.0            | 11.4                  | 23.3  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 312                  | 21.6                | 1.4            | 18.9                  | 24.3  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 85                   | 25.4                | 3.0            | 19.5                  | 31.3  |
| Non-smoker   | 278                  | 19.5                | 1.3            | 16.9                  | 22.1  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 307                  | 19.4                | 1.3            | 16.9                  | 21.9  |
| Uninsured  | 56                   | 29.6                | 3.9            | 22.0                  | 37.1  |

Numerator: Respondents who reported they nearly always, sometimes, seldom, or never use a seatbelt when they ride or drive in a car.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults Who Currently Smoke Cigarettes, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 3,547                | 22.0                | 0.4            | 21.2                  | 22.8  |
| Northeast Corner Regionalization Initiative | 407                  | 24.4                | 1.3            | 21.8                  | 27.0  |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 167                  | 25.2                | 2.1            | 21.1                  | 29.2  |
| Women                                       | 240                  | 23.7                | 1.7            | 20.4                  | 26.9  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 143                  | 30.3                | 2.4            | 25.5                  | 35.1  |
| 45 to 64 Years                              | 198                  | 24.6                | 1.7            | 21.2                  | 27.9  |
| 65 Years and Older                          | 65                   | 9.6                 | 1.3            | 7.0                   | 12.2  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | 20                   | 23.7                | 5.6            | 12.8                  | 34.6  |
| Non-Hispanic                                | 386                  | 24.4                | 1.4            | 21.8                  | 27.1  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 343                  | 21.6                | 1.2            | 19.2                  | 24.1  |
| African American                            | 23                   | 43.2                | 7.9            | 27.7                  | 58.7  |
| Other                                       | 28                   | 36.9                | 6.8            | 23.6                  | 50.3  |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 236                  | 32.7                | 2.1            | 28.5                  | 36.9  |
| Some College or College Graduate            | 171                  | 17.5                | 1.6            | 14.3                  | 20.6  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 206                  | 34.1                | 2.4            | 29.5                  | 38.7  |
| \$35,000 or Higher per Year                 | 150                  | 18.2                | 1.7            | 15.0                  | 21.5  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 149                  | 28.4                | 2.4            | 23.7                  | 33.1  |
| Living without a Disability                 | 242                  | 22.2                | 1.6            | 19.1                  | 25.3  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 142                  | 27.9                | 2.5            | 22.9                  | 32.9  |
| Overweight (25 ≤ BMI <30)                              | 145                  | 25.2                | 2.2            | 20.8                  | 29.6  |
| Obese (BMI ≥ 30)                                       | 106                  | 21.3                | 2.3            | 16.8                  | 25.7  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 222                  | 19.8                | 1.5            | 16.8                  | 22.7  |
| Does not participate in leisure time physical activity | 170                  | 34.8                | 2.7            | 29.6                  | 40.0  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 32                   | 19.0                | 3.8            | 11.5                  | 26.4  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 343                  | 24.7                | 1.4            | 21.9                  | 27.5  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 318                  | 21.1                | 1.4            | 18.4                  | 23.8  |
| Uninsured  | 88                   | 42.2                | 4.0            | 34.4                  | 50.0  |

**Numerator:** Respondents who reported they have smoked at least 100 cigarettes in their entire life and that they now smoke some days or every day.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Stopped Smoking for One Day or Longer Because  
They Were Trying to Quit Smoking, 2011**

**Northeast Corner Regionalization Initiative**

|  | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|--|-------------------------|------------------------|-------------------|-----------------------------|-------|
|  |                         |                        |                   | Lower                       | Upper |
| Kansas   | 1,868                   | 55.5                   | 1.1               | 53.4                        | 57.6  |
| Northeast Corner Regionalization<br>Initiative | 239                     | 58.5                   | 3.2               | 52.2                        | 64.8  |
| <b>Gender</b>                                  |                         |                        |                   |                             |       |
| Men  | 96                      | 59.1                   | 4.8               | 49.7                        | 68.5  |
| Women  | 143                     | 58.0                   | 4.3               | 49.6                        | 66.3  |
| <b>Age Group</b>                               |                         |                        |                   |                             |       |
| 18 to 44 Years                                 | 95                      | 63.5                   | 4.9               | 53.8                        | 73.1  |
| 45 to 64 Years                                 | 108                     | 52.1                   | 4.1               | 44.0                        | 60.1  |
| 65 Years and Older                             | 36                      | 55.0                   | 7.4               | 40.6                        | 69.4  |
| <b>Ethnicity</b>                               |                         |                        |                   |                             |       |
| Hispanic                                       | *                       | *                      | *                 | *                           | *     |
| Non-Hispanic                                   | 228                     | 58.9                   | 3.3               | 52.4                        | 65.3  |
| <b>Race</b>                                    |                         |                        |                   |                             |       |
| White  | 205                     | 59.8                   | 3.3               | 53.5                        | 66.2  |
| African American                               | *                       | *                      | *                 | *                           | *     |
| Other  | *                       | *                      | *                 | *                           | *     |
| Multi-Race                                     | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                               |                         |                        |                   |                             |       |
| High School Graduate or Less                   | 136                     | 54.3                   | 4.2               | 46.1                        | 62.5  |
| Some College or College Graduate               | 103                     | 65.1                   | 4.7               | 56.0                        | 74.3  |
| <b>Annual Household Income</b>                 |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                    | 127                     | 61.1                   | 4.4               | 52.5                        | 69.8  |
| \$35,000 or Higher per Year                    | 82                      | 58.9                   | 5.0               | 49.2                        | 68.6  |
| <b>Disability Status</b>                       |                         |                        |                   |                             |       |
| Living with a Disability                       | 95                      | 58.1                   | 5.4               | 47.5                        | 68.7  |
| Living without a Disability                    | 134                     | 58.1                   | 4.1               | 50.0                        | 66.2  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 75                   | 53.4                | 5.7            | 42.3                  | 64.5  |
| Overweight (25 ≤ BMI <30)                              | 93                   | 61.7                | 5.3            | 51.4                  | 72.0  |
| Obese (BMI ≥ 30)                                       | 63                   | 61.9                | 5.8            | 50.5                  | 73.4  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 146                  | 65.3                | 4.1            | 57.2                  | 73.4  |
| Does not participate in leisure time physical activity | 84                   | 47.8                | 5.0            | 38.0                  | 57.7  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | *                    | *                   | *              | *                     | *     |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 192                  | 54.7                | 3.5            | 47.8                  | 61.6  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 187                  | 58.3                | 3.8            | 50.9                  | 65.8  |
| Uninsured  | 51                   | 58.8                | 6.1            | 47.0                  | 70.7  |

**Numerator:** Current smokers who stopped smoking for one day or longer because they were trying to quit smoking.

**Denominator:** Among current smokers, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Percentage of Adults Who Currently Use Any Smokeless Tobacco Products, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 760                  | 5.3                 | 0.2            | 4.9                   | 5.8   |
| Northeast Corner Regionalization Initiative | 81                   | 5.0                 | 0.7            | 3.7                   | 6.3   |
| <b>Gender</b>                               |                      |                     |                |                       |       |
| Men   | 76                   | 10.0                | 1.3            | 7.4                   | 12.6  |
| Women                                       | *                    | *                   | *              | *                     | *     |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 36                   | 6.8                 | 1.3            | 4.3                   | 9.3   |
| 45 to 64 Years                              | 28                   | 3.6                 | 0.7            | 2.2                   | 5.0   |
| 65 Years and Older                          | 17                   | 3.2                 | 0.8            | 1.6                   | 4.8   |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 79                   | 5.1                 | 0.7            | 3.7                   | 6.4   |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 76                   | 5.0                 | 0.6            | 3.7                   | 6.3   |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 44                   | 6.0                 | 1.0            | 4.0                   | 8.0   |
| Some College or College Graduate            | 37                   | 4.1                 | 0.9            | 2.4                   | 5.8   |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 28                   | 5.5                 | 1.2            | 3.1                   | 8.0   |
| \$35,000 or Higher per Year                 | 45                   | 5.5                 | 1.0            | 3.6                   | 7.4   |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 30                   | 6.0                 | 1.2            | 3.7                   | 8.3   |
| Living without a Disability                 | 48                   | 4.6                 | 0.8            | 3.0                   | 6.2   |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | *                    | *                   | *              | *                     | *     |
| Overweight (25 ≤ BMI < 30)                             | 31                   | 5.8                 | 1.3            | 3.3                   | 8.3   |
| Obese (BMI ≥ 30)                                       | 36                   | 6.5                 | 1.2            | 4.2                   | 8.8   |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 52                   | 4.6                 | 0.8            | 3.1                   | 6.2   |
| Does not participate in leisure time physical activity | 26                   | 5.8                 | 1.3            | 3.3                   | 8.3   |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | *                    | *                   | *              | *                     | *     |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 64                   | 4.8                 | 0.7            | 3.4                   | 6.2   |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 22                   | 7.1                 | 1.9            | 3.4                   | 10.8  |
| Non-smoker   | 58                   | 4.2                 | 0.6            | 3.0                   | 5.4   |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 66                   | 4.6                 | 0.7            | 3.2                   | 5.9   |
| Uninsured  | 15                   | 7.1                 | 2.0            | 3.1                   | 11.0  |

Numerator: Respondents who reported they currently use chewing tobacco, snuff or snus (Swedish for snuff) some days or every day.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Men Who Currently Use Any Smokeless Tobacco Products, 2011

### Northeast Corner Regionalization Initiative

|   | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|---|----------------------|---------------------|----------------|-----------------------|-------|
|   |                      |                     |                | Lower                 | Upper |
| Kansas                                      | 684                  | 10.1                | 0.4            | 9.2                   | 11.0  |
| Northeast Corner Regionalization Initiative | 76                   | 10.0                | 1.3            | 7.4                   | 12.6  |
| <b>Age Group</b>                            |                      |                     |                |                       |       |
| 18 to 44 Years                              | 36                   | 13.0                | 2.4            | 8.3                   | 17.7  |
| 45 to 64 Years                              | 26                   | 7.3                 | 1.5            | 4.4                   | 10.3  |
| 65 Years and Older                          | 14                   | 6.5                 | 1.8            | 3.0                   | 10.1  |
| <b>Ethnicity</b>                            |                      |                     |                |                       |       |
| Hispanic                                    | *                    | *                   | *              | *                     | *     |
| Non-Hispanic                                | 74                   | 10.3                | 1.4            | 7.6                   | 13.0  |
| <b>Race</b>                                 |                      |                     |                |                       |       |
| White                                       | 71                   | 10.3                | 1.3            | 7.7                   | 12.9  |
| African American                            | *                    | *                   | *              | *                     | *     |
| Other                                       | *                    | *                   | *              | *                     | *     |
| Multi-Race                                  | *                    | *                   | *              | *                     | *     |
| <b>Education</b>                            |                      |                     |                |                       |       |
| High School Graduate or Less                | 40                   | 11.6                | 2.0            | 7.6                   | 15.5  |
| Some College or College Graduate            | 36                   | 8.7                 | 1.8            | 5.2                   | 12.2  |
| <b>Annual Household Income</b>              |                      |                     |                |                       |       |
| Less than \$35,000 per Year                 | 26                   | 12.0                | 2.7            | 6.7                   | 17.3  |
| \$35,000 or Higher per Year                 | 42                   | 10.1                | 1.8            | 6.6                   | 13.6  |
| <b>Disability Status</b>                    |                      |                     |                |                       |       |
| Living with a Disability                    | 27                   | 12.6                | 2.5            | 7.7                   | 17.5  |
| Living without a Disability                 | 46                   | 9.1                 | 1.6            | 6.0                   | 12.3  |
| <b>Weight Category</b>                      |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)             | *                    | *                   | *              | *                     | *     |
| Overweight (25 ≤ BMI < 30)                  | 30                   | 9.9                 | 2.2            | 5.7                   | 14.1  |
| Obese (BMI ≥ 30)                            | 34                   | 11.9                | 2.2            | 7.6                   | 16.2  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 51                   | 9.2                 | 1.5            | 6.2                   | 12.2  |
| Does not participate in leisure time physical activity | 22                   | 12.5                | 2.9            | 6.8                   | 18.2  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | *                    | *                   | *              | *                     | *     |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 60                   | 10.2                | 1.5            | 7.2                   | 13.2  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 21                   | 14.3                | 3.7            | 7.1                   | 21.5  |
| Non-smoker   | 54                   | 8.4                 | 1.3            | 5.9                   | 10.8  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 61                   | 9.4                 | 1.4            | 6.6                   | 12.2  |
| Uninsured  | 15                   | 13.0                | 3.7            | 5.8                   | 20.2  |

Numerator: Male respondents who reported they currently use chewing tobacco, snuff or snus (Swedish for snuff) some days or every day.

Denominator: All male respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Ever Served on Active Duty in the United States  
Armed Forces, 2011**

**Northeast Corner Regionalization Initiative**

|  | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|--|-------------------------|------------------------|-------------------|-----------------------------|-------|
|  |                         |                        |                   | Lower                       | Upper |
| Kansas   | 2,699                   | 11.5                   | 0.3               | 11.0                        | 12.1  |
| Northeast Corner Regionalization<br>Initiative | 292                     | 11.9                   | 0.8               | 10.3                        | 13.5  |
| <b>Gender</b>                                  |                         |                        |                   |                             |       |
| Men  | 270                     | 23.4                   | 1.6               | 20.2                        | 26.6  |
| Women  | 22                      | 1.5                    | 0.4               | 0.7                         | 2.2   |
| <b>Age Group</b>                               |                         |                        |                   |                             |       |
| 18 to 44 Years                                 | 35                      | 6.2                    | 1.2               | 3.9                         | 8.5   |
| 45 to 64 Years                                 | 99                      | 11.8                   | 1.3               | 9.3                         | 14.4  |
| 65 Years and Older                             | 158                     | 26.2                   | 2.0               | 22.3                        | 30.1  |
| <b>Ethnicity</b>                               |                         |                        |                   |                             |       |
| Hispanic                                       | *                       | *                      | *                 | *                           | *     |
| Non-Hispanic                                   | 288                     | 12.3                   | 0.9               | 10.7                        | 14.0  |
| <b>Race</b>                                    |                         |                        |                   |                             |       |
| White  | 275                     | 12.3                   | 0.8               | 10.7                        | 13.9  |
| African American                               | *                       | *                      | *                 | *                           | *     |
| Other  | *                       | *                      | *                 | *                           | *     |
| Multi-Race                                     | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                               |                         |                        |                   |                             |       |
| High School Graduate or Less                   | 119                     | 11.4                   | 1.2               | 9.1                         | 13.7  |
| Some College or College Graduate               | 173                     | 12.4                   | 1.1               | 10.2                        | 14.6  |
| <b>Annual Household Income</b>                 |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                    | 105                     | 11.4                   | 1.4               | 8.6                         | 14.1  |
| \$35,000 or Higher per Year                    | 149                     | 12.8                   | 1.1               | 10.6                        | 15.1  |
| <b>Disability Status</b>                       |                         |                        |                   |                             |       |
| Living with a Disability                       | 112                     | 15.5                   | 1.7               | 12.3                        | 18.8  |
| Living without a Disability                    | 177                     | 11.1                   | 1.0               | 9.1                         | 13.0  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI < 25)                       | 71                   | 8.7                 | 1.3            | 6.2                   | 11.3  |
| Overweight (25 ≤ BMI < 30)                             | 125                  | 14.3                | 1.5            | 11.3                  | 17.2  |
| Obese (BMI ≥ 30)                                       | 92                   | 13.9                | 1.6            | 10.7                  | 17.0  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 212                  | 12.6                | 1.0            | 10.6                  | 14.6  |
| Does not participate in leisure time physical activity | 77                   | 11.3                | 1.6            | 8.2                   | 14.3  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 46                   | 13.7                | 2.5            | 8.8                   | 18.7  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 234                  | 12.0                | 0.9            | 10.2                  | 13.8  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 46                   | 10.0                | 1.9            | 6.3                   | 13.6  |
| Non-smoker   | 244                  | 12.5                | 0.9            | 10.8                  | 14.3  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 281                  | 13.5                | 0.9            | 11.7                  | 15.4  |
| Uninsured  | *                    | *                   | *              | *                     | *     |

**Numerator:** Respondents who reported that they served on active duty in the United States Armed Forces, either in the regular military or in a National Guard or military reserve unit.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

**Percentage of Adults Who Have Vision Impairment In One of Both Eyes, Even  
When Wearing Glasses, 2011**

**Northeast Corner Regionalization Initiative**

|   | Unweighted<br>Frequency | Weighted<br>Percentage | Standard<br>Error | 95%<br>Confidence<br>Limits |       |
|---|-------------------------|------------------------|-------------------|-----------------------------|-------|
|   |                         |                        |                   | Lower                       | Upper |
| Kansas                                      | 4,108                   | 15.7                   | 0.3               | 15.1                        | 16.3  |
| Northeast Corner Regionalization Initiative | 455                     | 16.9                   | 0.9               | 15.1                        | 18.8  |
| <b>Gender</b>                               |                         |                        |                   |                             |       |
| Men   | 163                     | 15.7                   | 1.4               | 12.9                        | 18.5  |
| Women                                       | 292                     | 18.1                   | 1.2               | 15.7                        | 20.4  |
| <b>Age Group</b>                            |                         |                        |                   |                             |       |
| 18 to 44 Years                              | 54                      | 9.8                    | 1.4               | 7.0                         | 12.5  |
| 45 to 64 Years                              | 170                     | 17.7                   | 1.4               | 14.9                        | 20.6  |
| 65 Years and Older                          | 230                     | 32.4                   | 2.0               | 28.4                        | 36.4  |
| <b>Ethnicity</b>                            |                         |                        |                   |                             |       |
| Hispanic                                    | 16                      | 15.7                   | 4.4               | 7.2                         | 24.3  |
| Non-Hispanic                                | 439                     | 17.0                   | 1.0               | 15.1                        | 18.9  |
| <b>Race</b>                                 |                         |                        |                   |                             |       |
| White                                       | 412                     | 16.7                   | 0.9               | 14.8                        | 18.5  |
| African American                            | 19                      | 22.7                   | 5.9               | 11.2                        | 34.2  |
| Other                                       | *                       | *                      | *                 | *                           | *     |
| Multi-Race                                  | *                       | *                      | *                 | *                           | *     |
| <b>Education</b>                            |                         |                        |                   |                             |       |
| High School Graduate or Less                | 201                     | 18.1                   | 1.5               | 15.1                        | 21.0  |
| Some College or College Graduate            | 254                     | 16.0                   | 1.2               | 13.7                        | 18.3  |
| <b>Annual Household Income</b>              |                         |                        |                   |                             |       |
| Less than \$35,000 per Year                 | 187                     | 19.9                   | 1.8               | 16.4                        | 23.4  |
| \$35,000 or Higher per Year                 | 196                     | 15.3                   | 1.2               | 12.9                        | 17.6  |
| <b>Disability Status</b>                    |                         |                        |                   |                             |       |
| Living with a Disability                    | 231                     | 31.3                   | 2.2               | 27.0                        | 35.6  |
| Living without a Disability                 | 211                     | 12.0                   | 1.0               | 10.1                        | 13.9  |

|  | Unweighted Frequency | Weighted Percentage | Standard Error | 95% Confidence Limits |       |
|--|----------------------|---------------------|----------------|-----------------------|-------|
|  |                      |                     |                | Lower                 | Upper |
| <b>Weight Category</b>                                 |                      |                     |                |                       |       |
| Normal or Underweight (BMI <25)                        | 122                  | 15.6                | 1.7            | 12.2                  | 19.0  |
| Overweight (25 ≤ BMI <30)                              | 166                  | 17.0                | 1.5            | 14.0                  | 20.0  |
| Obese (BMI ≥ 30)                                       | 146                  | 18.9                | 1.8            | 15.4                  | 22.3  |
| <b>Leisure Time Physical Activity</b>                  |                      |                     |                |                       |       |
| Participates in leisure time physical activity         | 300                  | 16.3                | 1.1            | 14.1                  | 18.4  |
| Does not participate in leisure time physical activity | 144                  | 19.5                | 1.8            | 15.9                  | 23.1  |
| <b>Aerobic and Strengthening Exercise (2-Level)</b>    |                      |                     |                |                       |       |
| Met Both Aerobic and Strengthening Guidelines          | 51                   | 13.0                | 2.2            | 8.6                   | 17.4  |
| Did Not Meet Both Aerobic and Strengthening Guidelines | 369                  | 17.5                | 1.1            | 15.4                  | 19.6  |
| <b>Smoking Status</b>                                  |                      |                     |                |                       |       |
| Current smoker   | 84                   | 15.6                | 2.0            | 11.6                  | 19.6  |
| Non-smoker   | 366                  | 17.2                | 1.1            | 15.2                  | 19.3  |
| <b>Health Insurance Status</b>                         |                      |                     |                |                       |       |
| Insured  | 424                  | 18.1                | 1.0            | 16.1                  | 20.1  |
| Uninsured  | 30                   | 10.8                | 2.3            | 6.4                   | 15.3  |

**Numerator:** Respondents who reported they had been told by a doctor, nurse, or other health professional that they have vision impairment in one of both eyes, even when wearing glasses.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

## Technical Notes

Data on 43 health risk indicators, analyzed by various subpopulation groups (e.g. gender, age group, ethnicity, etc.), are included in this report. The indicators are summarized in tables that show:

- Unweighted Frequency: the number of respondents who reported the risk behavior
- Weighted Percentage: the prevalence estimate for the risk behavior within a particular subpopulation group category
- Standard Error: used to compute the 95% confidence limits
- Lower and upper 95% confidence limits

Prevalence estimates vary in precision depending on sample size. One way of describing the precision of an estimate is the margin of error, which is the half-width of the confidence interval. When the sample size is large for a particular subpopulation group, the corresponding margin of error for an estimate is small. When the sample size is small for a particular subpopulation group, the corresponding margin of error for an estimate is large. Large margins of error (i.e. >5) indicate that an estimate may be unreliable. Prevalence estimates that have a margin of error >5 are *italicized* in this report and should be interpreted with caution.

To determine whether two weighted percentages are significantly different from one another, the reader must compare the confidence intervals. Confidence intervals which do not overlap indicate a statistically significant difference while overlapping confidence intervals indicate that two estimates are not statistically significantly different from one another. It is incorrect to say two estimates are different if their confidence limits overlap.

Estimates have been censored with an asterisk ("\*") when the sample size was inadequate and/or when the estimates were statistically unreliable. Specifically, estimates were censored when any of the following conditions were met:

- the numerator of the indicator is less than 5
- the denominator of the indicator is less than 50
- the relative standard error (RSE) is 30 percent or higher

RSE is obtained by dividing the standard error of the estimate by the estimate itself, then multiplying that result by 100 to be expressed as a percent.

2011 BRFSS data represent a new baseline for public health surveillance. Due to changes in BRFSS survey methodology, 2011 BRFSS estimates cannot be compared to estimates from previous years.

For more information on changes to the Kansas BRFSS survey methodology beginning in 2011, please visit: <http://www.kdheks.gov/brfss/newmethod.html>

For more detailed technical notes on the Kansas BRFSS, please visit: <http://www.kdheks.gov/brfss/technotes.html>