TENNESSEE DEPARTMENT OF HEALTH

# 2015

# DRIVE YOUR COUNTY TO THE TOP TEN:

## Accelerating Action Towards Improving County Health

## Jefferson County

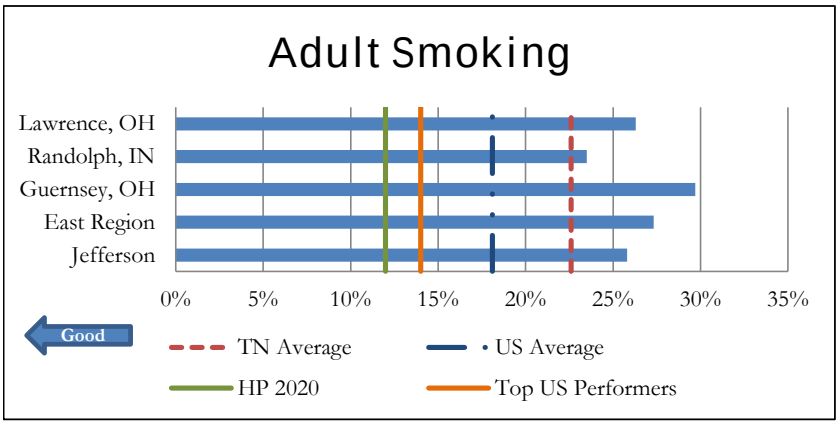
TN Department of Health

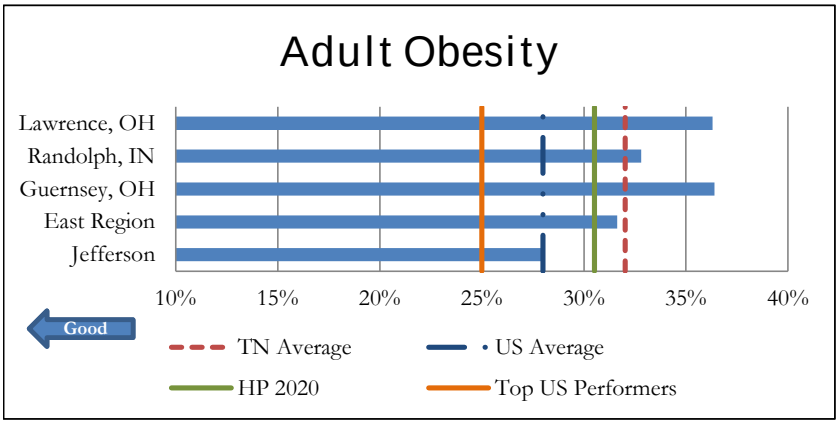
TN Department of Health

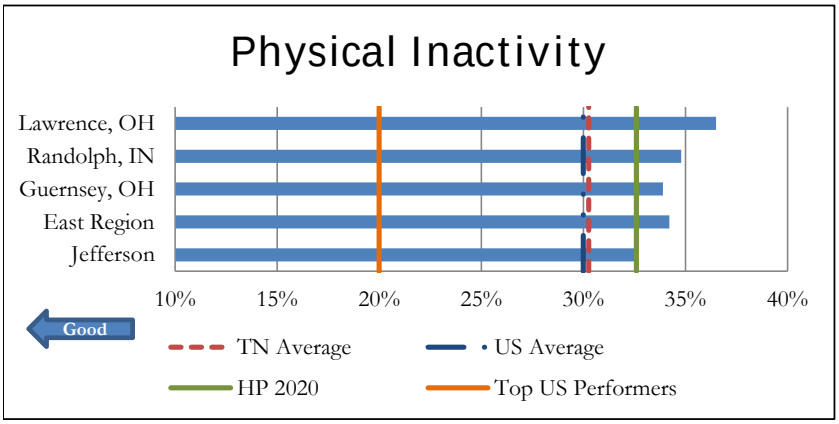
# JEFFERSON COUNTY: Overview
## 2015 Drive Your County to the Top Ten

**Demographics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Population:** | 52,123 | **<18 YOA:** | 21.11% | **65+ YOA:** | 18.37% | **% Rural:** | 59.49% |
| **Unemployment:** | 9.80% | **% Females:** | 50.89% | **% Males:** | 49.11% | **Graduation Rate:** | 92.00 |
| **Single parent households:** | 35.22% | **MHI:** | $40,490 | | | | |




**Top Third**

| Measure | Value |
|---|---|
| Drinking Water Violations | 0.00% |
| Adult Obesity | 27.90% |
| Excessive Drinking | 4.80% |
| Alcohol-Impaired Driving Deaths | 19.30% |
| Low Birthweight | 7.56% |
| Sexually Transmitted Infections | 199.30 |
| Air Pollution - Particulate Matter | 13.25 |
| Driving Alone to Work | 81.86% |
| Violent Crime | 261.31 |
| Food Environment Index | 7.50 |

**Middle Third**

| Measure | Value |
|---|---|
| Physical Inactivity | 32.50% |
| Injury Deaths | 81.53 |
| Access to Exercise Opportunities | 62.73% |
| Teen Births | 47.08 |
| Preventable Hosiptial Stays | 80.12 |
| Diabetic Monitoring | 87.16% |
| Poor Physical Health Days | 4.70 |
| Mammography Screening | 60.34% |
| Some College | 46.27% |
| High School Graduation | 92.00% |

**Bottom Third**

| Measure | Value |
|---|---|
| Poor Mental Health Days | 6.40 |
| Dentists | 4738:1 |
| Children in Single-Parent Households | 35.22% |
| Primary Care Physicians | 3262:1 |
| Uninsured | 17.37% |

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health. Nashville, TN. opm.health@tn.gov or 615-741-5001.

TN Department of Health

# JEFFERSON COUNTY, TENNESSEE
## 2015 Drive Your County to the Top Ten

**Health Outcomes** — **Length of Life**

### Premature Death

Years of potential life lost before age 75 per 100,000 population (age-adjusted)

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 46 | Lewis | 9807.14 | 7769.75 | 2037.39 | ↑Bad ↓Good | 6,811.00 | Guernsey, OH | 8186.66 |
| **For every 100 people in the county, 1 people in the county need to live one year closer to age 75.** | | | | | | | Randolph, IN | 7617.48 |
| **Source** | National Center for Health Statistics - Mortality files | | | | **Year(s)** | 2010-2012 | Lawrence, OH | 9705.35 |

**Health Outcomes** — **Quality of Life**

### Poor or Fair Health

Percentage of adults reporting fair or poor health (age-adjusted)

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 62 | Putnam | 25.50% | 16.60% | 8.90% | ↑Bad ↓Good | 12.40% | Guernsey, OH | 15.40% |
| **Improve the health of 9 out of every 100 people in the county who, in general, report being in poor or fair health.** | | | | | | | Randolph, IN | 20.10% |
| **Source** | Behavioral Risk Factor Surveillance System | | | | **Year(s)** | 2006-2012 | Lawrence, OH | 27.90% |

### Poor Physical Health Days*

Average number of physically unhealthy days reported in past 30 days (age-adjusted)

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 41 | Chester | 4.70 | 3.40 | 1.30 | ↑Bad ↓Good | 3.70 | Guernsey, OH | 4.20 |
| **Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.** | | | | | | | Randolph, IN | 5.00 |
| **Source** | Behavioral Risk Factor Surveillance System | | | | **Year(s)** | 2006-2012 | Lawrence, OH | 7.10 |

### Poor Mental Health Days

Average number of mentally unhealthy days reported in past 30 days (age-adjusted)

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 77 | Henderson | 6.40 | 2.80 | 3.60 | ↑Bad ↓Good | 3.50 | Guernsey, OH | 4.40 |
| **Engage people in the county on ways to reduce number of poor physical health days reported by residents by 4 days per month.** | | | | | | | Randolph, IN | 3.60 |
| **Source** | Behavioral Risk Factor Surveillance System | | | | **Year(s)** | 2006-2012 | Lawrence, OH | 6.10 |

### Low Birthweight

Percentage of live births with low birthweight (< 2500 grams)

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 16 | Lewis | 7.56% | 7.29% | 0.27% | ↑Bad ↓Good | 8.10% | Guernsey, OH | 8.32% |
| **Reduce the number of low birth weight babies by 1 for every 100 live births.** | | | | | | | Randolph, IN | 8.35% |
| **Source** | National Center for Health Statistics - Natality files | | | | **Year(s)** | 2006-2012 | Lawrence, OH | 10.89% |

**Health Factors** — **Health Behaviors**

### Adult Smoking

Percentage of adults who are current smokers

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 49 | Knox | 25.80% | 18.50% | 7.30% | ↑Bad ↓Good | 18.10% | Guernsey, OH | 29.70% |
| **Get 29 out of every 100 current adult smokers in the county to quit smoking.** | | | | | | | Randolph, IN | 23.50% |
| **Source** | Behavioral Risk Factor Surveillance System | | | | **Year(s)** | 2006-2012 | Lawrence, OH | 26.30% |

### Adult Obesity

Percentage of adults that report a BMI of 30 or more

| Rank | 1st Ranked | Value | 1st Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 3 | Cumberland | 27.90% | 26.50% | 1.40% | ↑Bad ↓Good | 28.00% | Guernsey, OH | 36.40% |
| **Get 6 out of every 100 current obese adults in the county to reduce their BMI below 30.** | | | | | | | Randolph, IN | 32.80% |
| **Source** | CDC Diabetes Interactive Atlas | | | | **Year(s)** | 2011 | Lawrence, OH | 36.30% |

### Food Environment Index

Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)

| Rank | 1st Ranked | Value | 1st Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 24 | Williamson | 7.50 | 8.9 | 1.4 | ↑Good ↓Bad | 7.60 | Guernsey, OH | 7.20 |
| **Increase the county's food index score by 1.4.** | | | | | | | Randolph, IN | 6.90 |
| **Source** | USDA Food Environment Atlas, Map the Meal Gap | | | | **Year(s)** | 2012 | Lawrence, OH | 7.30 |

Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health. Nashville, TN. April 2015. opm.health@tn.gov or 615-741-5001. The full report can be accessed at: http://health.tn.gov/statistics/specialprojects.htm. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. The action statements are based on the assumption that no new additional cases occur. All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.

# Health Factors

## Health Behaviors

### Physical Inactivity

Percentage of adults aged 20 and over reporting no leisure-time physical activity

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 33 | Wilson | 32.50% | 28.50% | 4.00% | ↑Bad ↓Good | 30.00% | Guernsey, OH | 33.90% |
| **Get 13 out of every 100 currently physically inactive adults to exercise during leisure time.** | | | | | | | Randolph, IN | 34.80% |
| **Source** | CDC Diabetes Interactive Atlas | | | | **Year(s)** | 2011 | Lawrence, OH | 36.50% |

### Access to Exercise Opportunities

Percentage of population with adequate access to locations for physical activity

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 35 | Loudon | 62.73% | 78.50% | 15.78% | ↑Good ↓Bad | 77.00% | Guernsey, OH | 48.47% |
| **Consider how to remove barriers to access exercise locations to reach an additional 15.78 percent of the county's population.** | | | | | | | Randolph, IN | 32.15% |
| **Source** | Business Analyst, Delorme, ESRI, & US Census Tigerline Files | | | | **Year(s)** | 2010 & 2013 | Lawrence, OH | 95.51% |

### Excessive Drinking

Percentage of adults reporting binge or heavy drinking

| Rank | 1st Ranked | Value | 1st Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 3 | Greene | 4.80% | 3.30% | 1.50% | ↑Bad ↓Good | 15.00% | Guernsey, OH | 13.80% |
| **Get 32 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.** | | | | | | | Randolph, IN | 16.00% |
| **Source** | Behavioral Risk Factor Surveillance System | | | | **Year(s)** | 2006-2012 | Lawrence, OH | 13.30% |

### Alcohol-Impaired Driving Deaths

Percentage of driving deaths with alcohol involvement

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 12 | McNairy | 19.30% | 18.75% | 0.55% | ↑Bad ↓Good | 32.00% | Guernsey, OH | 33.33% |
| **Reduce the number of alcohol related driving deaths by 0.55 percent.** | | | | | | | Randolph, IN | 17.65% |
| **Source** | Fatality Analysis Reporting System | | | | **Year(s)** | 2009-2013 | Lawrence, OH | 35.29% |

### Sexually Transmitted Infections

Number of newly diagnosed chlamydia cases per 100,000 population

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 17 | Scott | 199.30 | 144.30 | 55.00 | ↑Bad ↓Good | 458.00 | Guernsey, OH | 268.70 |
| **Consider ways to educate 3 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.** | | | | | | | Randolph, IN | 232.40 |
| **Source** National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention | | | | | **Year(s)** | 2012 | Lawrence, OH | 215.70 |

### Teen Births

Teen birth rate per 1,000 female population, ages 15-19

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 35 | Putnam | 47.08 | 37.04 | 10.04 | ↑Bad ↓Good | 31.00 | Guernsey, OH | 40.89 |
| **For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 22 teen(s) from becoming pregnant.** | | | | | | | Randolph, IN | 45.17 |
| **Source** | National Center for Health Statistics - Natality files | | | | **Year(s)** | 2006-2012 | Lawrence, OH | 48.78 |

## Clinical Care

### Uninsured

Percentage of population under age 65 without health insurance

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 64 | Blount | 17.37% | 14.64% | 2.73% | ↑Bad ↓Good | 18.00% | Guernsey, OH | 14.71% |
| **Get 16 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.** | | | | | | | Randolph, IN | 17.78% |
| **Source** | Small Area Health Insurance Estimates | | | | **Year(s)** | 2012 | Lawrence, OH | 14.06% |

### Primary Care Physicians

Ratio of population to primary care physicians

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 67 | Anderson | 3262:1 | 1397:1 | 1865 | ↑Bad ↓Good | 1,355.00 | Guernsey, OH | 1991:1 |
| **To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 22 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.** | | | | | | | Randolph, IN | 4303:1 |
| **Source** | Area Health Resource File/American Medical Association | | | | **Year(s)** | 2012 | Lawrence, OH | 2142:1 |

### Dentists

Ratio of population to dentists

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 71 | Maury | 4738:1 | 1675:1 | 3063 | ↑Bad ↓Good | 1,663.00 | Guernsey, OH | 2086:1 |
| **To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 21 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.** | | | | | | | Randolph, IN | 5125:1 |
| **Source** | Area Health Resource File/American Medical Association | | | | **Year(s)** | 2013 | Lawrence, OH | 3642:1 |

| Health Factors | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Clinical Care | Mental Health Providers | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 50 | McNairy | 2606:1 | 688:1 | 1918 | ↑Bad ↓Good | 753 | Guernsey, OH | 1132:1 |
| | Ratio of population to mental health providers | To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 56 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area. | | | | | | | Randolph, IN | 4271:1 |
| | | Source | CMS, National Provider Identification file | | | | Year(s) | 2014 | Lawrence, OH | 2135:1 |
| | Preventable Hospital Stays | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 35 | Marshall | 80.12 | 58.47 | 21.65 | ↑Bad ↓Good | 65.00 | Guernsey, OH | 116.49 |
| | Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees | For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions. | | | | | | | Randolph, IN | 80.22 |
| | | Source | Dartmouth Atlas of Health Care | | | | Year(s) | 2012 | Lawrence, OH | 91.63 |
| | Diabetic Monitoring | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 36 | Crockett | 87.16% | 88.92% | 1.76% | ↑Good ↓Bad | 84.00% | Guernsey, OH | 78.74% |
| | Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring | For every 100 diabetic Medicare enrollees, get 2 additional Medicare enrollees to receive HbA1c screening. | | | | | | | Randolph, IN | 86.45% |
| | | Source | Dartmouth Atlas of Health Care | | | | Year(s) | 2012 | Lawrence, OH | 79.39% |
| | Mammography Screening | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 42 | Knox | 60.34% | 65.71% | 5.37% | ↑Good ↓Bad | 63.00% | Guernsey, OH | 63.84% |
| | Percentage of female Medicare enrollees ages 67-69 that receive mammography screening | For every 100 female Medicare enrollees, get 6 additional Medicare enrollees to receive their mammography screening. | | | | | | | Randolph, IN | 64.69% |
| | | Source | Dartmouth Atlas of Health Care | | | | Year(s) | 2012 | Lawrence, OH | 56.79% |
| Social & Economic Factors | High School Graduation | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 44 | Carroll | 92.00% | 95.32% | 3.32% | ↑Good ↓Bad | 80.00% | Guernsey, OH | 90.71% |
| | Percentage of ninth-grade cohort that graduates in four years | For every 100 ninth graders, assist 4 additional ninth graders to graduate within four years. | | | | | | | Randolph, IN | 90.00% |
| | | Source | data.gov, supplemented w/ National Center for Education Statistics | | | | Year(s) | 2011-2012 | Lawrence, OH | 90.96% |
| | Some College | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 43 | Shelby | 46.27% | 62.09% | 15.83% | ↑Good ↓Bad | 63.00% | Guernsey, OH | 47.78% |
| | Percentage of adults ages 25-44 years with some post-secondary education | For every 100 adults between 25-44 years of age, assist 1583 additional adults to complete some coursework at the collegiate level. | | | | | | | Randolph, IN | 54.49% |
| | | Source | American Community Survey | | | | Year(s) | 2009-2013 | Lawrence, OH | 48.43% |
| | Unemployment | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 56 | Blount | 9.80% | 6.89% | 2.91% | ↑Bad ↓Good | 8.10% | Guernsey, OH | 8.23% |
| | Percentage of population ages 16 and older unemployed but seeking work | For every 100 persons ages 16 years and older, help 3 persons successfully find employment. | | | | | | | Randolph, IN | 8.56% |
| | | Source | Bureau of Labor Statistics | | | | Year(s) | 2013 | Lawrence, OH | 7.88% |
| | Children in Poverty | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 26 | Montgomery | 26.50% | 21.40% | 5.10% | ↑Bad ↓Good | 23.00% | Guernsey, OH | 33.90% |
| | Percentage of children under age 18 in poverty | For every 100 children (under 18 years) in poverty, help 20 children to find assistance to get out of poverty. | | | | | | | Randolph, IN | 26.20% |
| | | Source | Small Area Income and Poverty Estimates | | | | Year(s) | 2013 | Lawrence, OH | 28.50% |
| | Income Inequality | Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
| | | 31 | Williamson | 4.38 | 4.11 | 0.27 | ↑Bad ↓Good | NA | Guernsey, OH | 4.46 |
| | Ratio of household income at the 80th percentile to income at the 20th percentile | To reach a household income ratio at or below that of the 10th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s). | | | | | | | Randolph, IN | 4.11 |
| | | Source | American Community Survey | | | | Year(s) | 2009-2013 | Lawrence, OH | 4.66 |

# Health Factors

## Social & Economic Factors

### Children in Single-Parent Households

Percentage of children that live in a household headed by single parent

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 70 | Cheatham | 35.22% | 25.43% | 9.79% | ↑Bad ↓Good | 21.00% | Guernsey, OH | 32.44% |
| **For every 100 single parent households in the county, investigate ways to encourage 28 households to be a multi-parent household.** | | | | | | | Randolph, IN | 34.99% |
| **Source** | American Community Survey | | | | **Year(s)** | 2009-2013 | Lawrence, OH | 37.50% |

### Social Associations

Number of membership associations per 10,000 population

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 55 | Henry | 10.16 | 16.70 | 6.54 | ↑Good ↓Bad | 33.00% | Guernsey, OH | 16.07 |
| **For every 100 people in the county, increase the number of membership associations by 1.** | | | | | | | Randolph, IN | 18.98 |
| **Source** | County Business Patterns | | | | **Year(s)** | 2012 | Lawrence, OH | 11.11 |

### Violent Crime

Number of reported violent crime offenses per 100,000 population

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 21 | Carter | 261.31 | 206.33 | 54.98 | ↑Bad ↓Good | 387.00 | Guernsey, OH | 141.84 |
| **For every 100 persons in the county, prevent 22 people from committing a violent crime.** | | | | | | | Randolph, IN | 24.93 |
| **Source** | Uniform Crime Reporting - FBI | | | | **Year(s)** | 2010-2012 | Lawrence, OH | 166.55 |

### Injury Deaths

Number of deaths due to injury per 100,000 population

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 33 | Fayette | 81.53 | 68.81 | 12.72 | ↑Bad ↓Good | 59.00 | Guernsey, OH | 66.36 |
| **For every 1,000 population consider ways to prevent 156 deaths as a result of intentional and unintentional injury.** | | | | | | | Randolph, IN | 55.88 |
| **Source** | CDC WONDER mortality data | | | | **Year(s)** | 2008-2012 | Lawrence, OH | 71.71 |

### Air Pollution - Particulate Matter

Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 18 | Greene | 13.25 | 13.14 | 0.11 | ↑Bad ↓Good | 11.10 | Guernsey, OH | 13.73 |
| **Reduce the average daily measure of fine particulate matter by 0.11 micrograms per cubic meter (PM2.5).** | | | | | | | Randolph, IN | 13.46 |
| **Source** | CDC WONDER Environmental data | | | | **Year(s)** | 2011 | Lawrence, OH | 13.13 |

## Physical Environment

### Drinking Water Violations

Percentage of population potentially exposed to water exceeding a violation limit during the past year

| Rank | 1st Ranked | Value | 1st Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 1 | Anderson | 0.00% | 0.00% | 0.00% | ↑Bad ↓Good | 8.00% | Guernsey, OH | 1.37% |
| **No Action Required** | | | | | | | Randolph, IN | 0.00% |
| **Source** | Safe Drinking Water Information System | | | | **Year(s)** | FY2013-14 | Lawrence, OH | 0.00% |

### Severe Housing Problems

Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 61 | Lewis | 14.35% | 10.96% | 3.39% | ↑Bad ↓Good | 19.00% | Guernsey, OH | 12.38% |
| **For every 100 persons in the county experiencing housing problems, help 24 person(s) to find housing assistance.** | | | | | | | Randolph, IN | 12.18% |
| **Source** | Comprehensive Housing Affordability Strategy (CHAS) data | | | | **Year(s)** | 2007-2011 | Lawrence, OH | 12.62% |

### Driving Alone to Work

Percentage of the workforce that drives alone to work

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 18 | Davidson | 81.86% | 80.03% | 1.82% | ↑Bad ↓Good | 76.00% | Guernsey, OH | 85.44% |
| **For every 100 persons that currently drive alone to work, convince 3 to carpool or take mass-transportation.** | | | | | | | Randolph, IN | 83.25% |
| **Source** | American Community Survey | | | | **Year(s)** | 2009-2013 | Lawrence, OH | 88.89% |

### Long Commute - Driving Alone

Among workers who commute in their car alone, the percentage that commute more than 30 minutes

| Rank | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|
| 61 | Hamilton | 40.40% | 25.10% | 15.30% | ↑Bad ↓Good | 34.00% | Guernsey, OH | 26.40% |
| **For every 100 persons that currently drive more than 30 minutes alone to work, convince 38 to carpool or take mass-transportation.** | | | | | | | Randolph, IN | 33.40% |
| **Source** | American Community Survey | | | | **Year(s)** | 2009-2013 | Lawrence, OH | 29.60% |