TENNESSEE DEPARTMENT OF HEALTH

2015

DRIVE YOUR COUNTY TO THE TOP TEN:

Accelerating Action Towards Improving County Health

Bedford County

TN Department of Health

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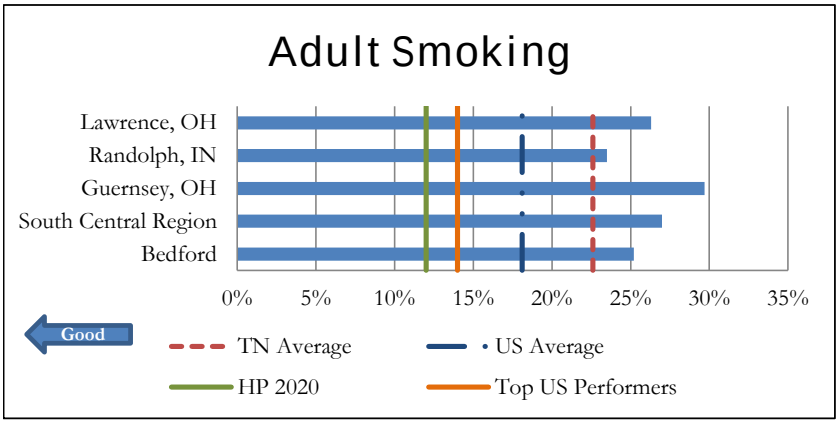
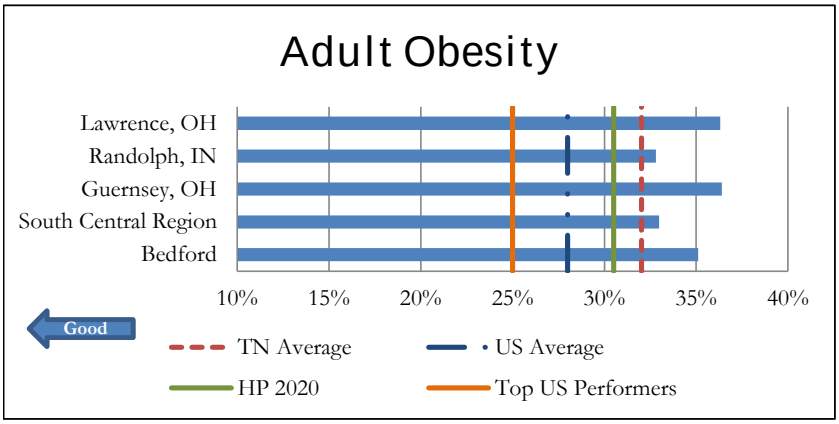
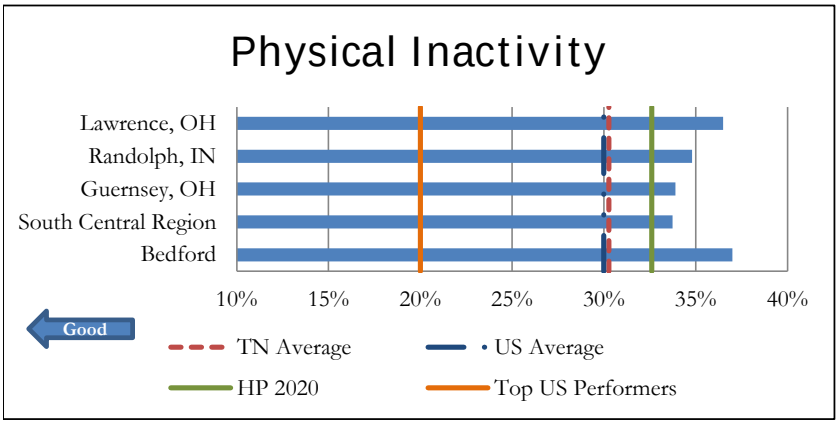
TN Department of Health

BEDFORD COUNTY: Overview
2015 Drive Your County to the Top Ten

Demographics							
Population:	45,901	**<18 YOA:**	26.34%	**65+ YOA:**	14.22%	**% Rural:**	55.60%
Unemployment:	8.38%	**% Females:**	50.61%	**% Males:**	49.39%	**Graduation Rate:**	92.00
Single parent households:	35.39%	**MHI:**	$42,288				







Top Third

Measure	Value
Drinking Water Violations	0.00%
Mammography Screening	64.43%
Unemployment	8.38%

Middle Third

Measure	Value
Premature Death	9,089.76
Access to Exercise Opportunities	64.48%
Mental Health Providers	1765:1
Diabetic Monitoring	87.46%
Driving Alone to Work	83.33%
Injury Deaths	84.75
Children in Poverty	27.70%
Poor Mental Health Days	3.70
Income Inequality	4.45
Adult Smoking	25.20%

Bottom Third

Measure	Value
Uninsured	20.08%
Physical Inactivity	37.00%
Alcohol-Impaired Driving Deaths	40.82%
Severe Housing Problems	15.95%
Adult Obesity	35.10%
Sexually Transmitted Infections	460.80
Some College	37.43%
Teen Births	58.72
Children in Single-Parent Households	35.39%
Social Associations	9.22

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

BEDFORD 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
32	Lewis	9089.76	7769.75	1320.01	↑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

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
42	Putnam	22.30%	16.60%	5.70%	↑Bad ↓Good	12.40%	Guernsey, OH	15.40%
Improve the health of 6 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
50	Chester	5.20	3.40	1.80	↑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
39	Henderson	3.70	2.80	0.90	↑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 1 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
61	Lewis	8.99%	7.29%	1.71%	↑Bad ↓Good	8.10%	Guernsey, OH	8.32%
Reduce the number of low birth weight babies by 2 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
41	Knox	25.20%	18.50%	6.70%	↑Bad ↓Good	18.10%	Guernsey, OH	29.70%
Get 27 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	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
80	Hamilton	35.10%	29.10%	6.00%	↑Bad ↓Good	28.00%	Guernsey, OH	36.40%
Get 18 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
55	Williamson	7.10	8.9	1.8	↑Good ↓Bad	7.60	Guernsey, OH	7.20
Increase the county's food index score by 1.8.							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
82	Wilson	37.00%	28.50%	8.50%	↑Bad ↓Good	30.00%	Guernsey, OH	33.90%
Get 23 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
33	Loudon	64.48%	78.50%	14.03%	↑Good ↓Bad	77.00%	Guernsey, OH	48.47%
Consider how to remove barriers to access exercise locations to reach an additional 14.03 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
NA	Greene	NA	3.30%	NA	↑Bad ↓Good	15.00%	Guernsey, OH	13.80%
No information available							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
82	McNairy	40.82%	18.75%	22.07%	↑Bad ↓Good	32.00%	Guernsey, OH	33.33%
Reduce the number of alcohol related driving deaths by 22.07 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
78	Scott	460.80	144.30	316.50	↑Bad ↓Good	458.00	Guernsey, OH	268.70
Consider ways to educate 7 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
73	Putnam	58.72	37.04	21.68	↑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 37 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
94	Blount	20.08%	14.64%	5.44%	↑Bad ↓Good	18.00%	Guernsey, OH	14.71%
Get 28 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
64	Anderson	3038:1	1397:1	1641	↑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, 18 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
53	Maury	3531:1	1675:1	1856	↑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, 15 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
		33	McNairy	1765:1	688:1	1077	↑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, 41 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
		46	Marshall	84.56	58.47	26.09	↑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
		33	Crockett	87.46%	88.92%	1.47%	↑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
		17	Knox	64.43%	65.71%	1.29%	↑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 2 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
		75	Shelby	37.43%	62.09%	24.66%	↑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 2467 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
		30	Blount	8.38%	6.89%	1.48%	↑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 2 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
		37	Montgomery	27.70%	21.40%	6.30%	↑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 23 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
		39	Williamson	4.45	4.11	0.35	↑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
72	Cheatham	35.39%	25.43%	9.96%	↑Bad ↓Good	21.00%	Guernsey, OH	32.44%
For every 100 single parent households in the county, investigate ways to encourage 29 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
65	Henry	9.22	16.70	7.48	↑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
49	Carter	362.15	206.33	155.82	↑Bad ↓Good	387.00	Guernsey, OH	141.84
For every 100 persons in the county, prevent 44 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
36	Fayette	84.75	68.81	15.93	↑Bad ↓Good	59.00	Guernsey, OH	66.36
For every 1,000 population consider ways to prevent 188 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
65	Greene	13.94	13.14	0.80	↑Bad ↓Good	11.10	Guernsey, OH	13.73
Reduce the average daily measure of fine particulate matter by 0.8 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
81	Lewis	15.95%	10.96%	4.99%	↑Bad ↓Good	19.00%	Guernsey, OH	12.38%
For every 100 persons in the county experiencing housing problems, help 32 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
33	Davidson	83.33%	80.03%	3.30%	↑Bad ↓Good	76.00%	Guernsey, OH	85.44%
For every 100 persons that currently drive alone to work, convince 4 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
45	Hamilton	35.10%	25.10%	10.00%	↑Bad ↓Good	34.00%	Guernsey, OH	26.40%
For every 100 persons that currently drive more than 30 minutes alone to work, convince 29 to carpool or take mass-transportation.							Randolph, IN	33.40%
Source	American Community Survey				**Year(s)**	2009-2013	Lawrence, OH	29.60%