



2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING

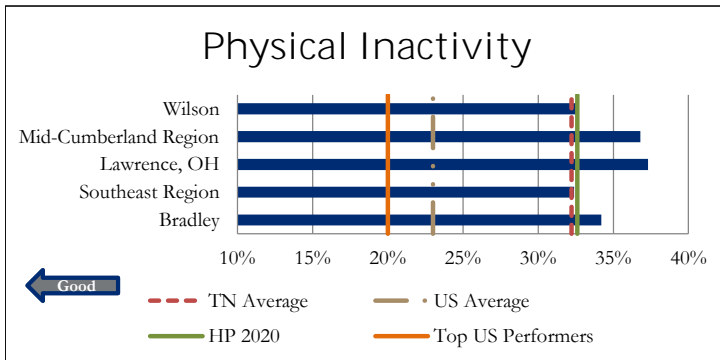
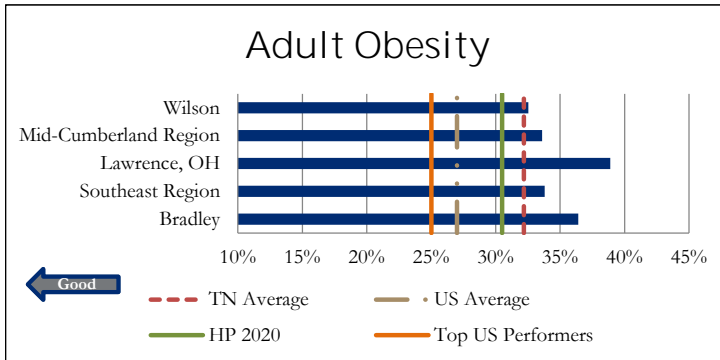
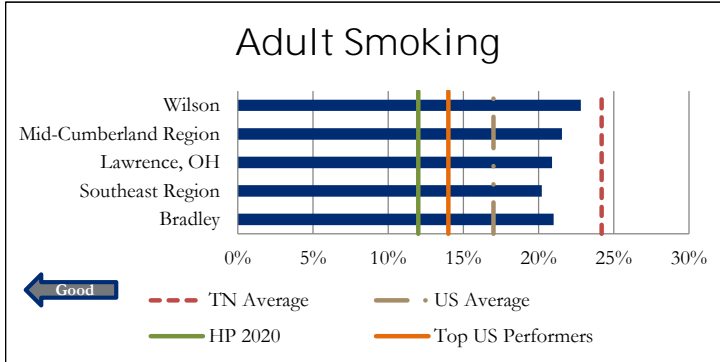
Bradley County

TN

Department of
Health

Demographics

Population:	102,975	<18 YOA:	22.41%	65+ YOA:	15.76%	% Rural:	33.00%
Unemployment:	6.20%	% Females:	51.30%	% Males:	48.70%	Graduation Rate:	88.82%
Single parent households:	33.20%	MHI:	\$43,065				



Top Third

Measure	Value
Unemployment	6.20%
Some College	55.54%
Premature Death	8248.80
Mammography Screening	64.00%
Social Associations	14.92
Injury Deaths	74.75
Long Commute - Driving Alone	27.80%
Access to Exercise Opportunities	70.20%
Preventable Hospital Stays	62.96
Primary Care Physicians	1697:1

Middle Third

Measure	Value
Low Birthweight	8.34%
Teen Births	44.46
Alcohol-Impaired Driving Deaths	25.76%
Diabetic Monitoring	87.52%
Adult Smoking	22.80%
Poor or Fair Health	22.20%
Driving Alone to Work	84.51%
Income Inequality	4.65
Poor Physical Health Days	4.90
Physical Inactivity	36.80%

Bottom Third

Measure	Value
Violent Crime	630.96
Severe Housing Problems	16.74%
Sexually Transmitted Infections	425.18
Food Environment Index	6.50
Excessive Drinking	11.90%
Uninsured	17.73%



Tennessee's Big 3 + 1

Why were these charts selected? The "Big 3 + 1" directly influences at least six of the top ten leading causes of death in Tennessee, and also directly influence other public health threats, such as heart disease, cancer, and diabetes. Overall, the Big Three plus One influences two-thirds of the factors that contribute to Tennessee's overall rank.

Comparative Counties:

Each graph provides the Tennessee county with its respective region and three non-Tennessee comparative counties from around the US based on county-level demographics. The vertical lines represent: the TN Average, the US Average, Top US Performers (top 10%) and the Healthy People 2020 (HP) Goal. For all measures a decrease (shift left) in percentage represents improvement.

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 Administrative Services, Tennessee Department of Health. Nashville, TN. admin.health@tn.gov or 615-741-5001.

Health Outcomes	Length of Life	Premature Death									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		16	Knox	8248.80	7735.80	513.00	↑Bad ↓Good	6,600.00	Guernsey, OH	8679.90	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Randolph, IN	8328.50	
		Source		National Center for Health Statistics - Mortality files		Year(s)		2011-2013	Lawrence, OH	9427.20	
Health Outcomes	Quality of Life	Poor or Fair Health*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		43	Rutherford	22.20%	19.60%	2.60%	↑Bad ↓Good	18.00%	Guernsey, OH	18.00%	
		Improve the health of 3 out of every 100 people in the county who, in general, report being in poor or fair health.							Randolph, IN	17.60%	
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	18.30%	
		Percentage of adults reporting fair or poor health (age-adjusted)									
	Poor Physical Health Days*										
	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	54	Knox	4.90	4.30	0.60	↑Bad ↓Good	3.8	Guernsey, OH	4.10		
	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	4.00		
	Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	4.30		
	Average number of physically unhealthy days reported in past 30 days (age-adjusted)										
Poor Mental Health Days*											
Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
60	Williamson	4.80	3.80	1.00	↑Bad ↓Good	2.8	Guernsey, OH	4.30			
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	4.10			
Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	4.50			
Average number of mentally unhealthy days reported in past 30 days (age-adjusted)											
Low Birthweight											
Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
32	Pickett	8.34%	7.24%	1.10%	↑Bad ↓Good	8.00%	Guernsey, OH	8.11%			
Reduce the number of low birth weight babies by 2 for every 100 live births.							Randolph, IN	9.25%			
Source		National Center for Health Statistics - Natality files		Year(s)		2007-2013	Lawrence, OH	10.07%			
Percentage of live births with low birthweight (< 2500 grams)											
Health Factors	Health Behaviors	Adult Smoking*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		36	Humphreys	22.80%	21.10%	1.70%	↑Bad ↓Good	17.00%	Guernsey, OH	21.00%	
	Get 8 out of every 100 current adult smokers in the county to quit smoking.							Randolph, IN	20.20%		
	Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	20.90%		
	Percentage of adults who are current smokers										
	Adult Obesity										
	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	59	Hamilton	33.60%	29.90%	3.70%	↑Bad ↓Good	27.00%	Guernsey, OH	36.40%		
Get 12 out of every 100 current obese adults in the county to reduce their BMI below 30.							Randolph, IN	33.80%			
Source		CDC Diabetes Interactive Atlas		Year(s)		2012	Lawrence, OH	38.90%			
Percentage of adults that report a BMI of 30 or more											
Food Environment Index											
Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
73	Cannon	6.50	7.9	1.4	↑Good ↓Bad	7.20	Guernsey, OH	7.00			
Increase the county's food index score by 1.4.							Randolph, IN	6.80			
Source		USDA Food Environment Atlas, Map the Meal Gap		Year(s)		2013	Lawrence, OH	7.00			
Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)											

Prepared by the Division of Administrative Services, Tennessee Department of Health, Nashville, TN. May 2016. admin.health@tn.gov or 615-741-9398. The full report can be accessed at: <http://tn.gov/health/topic/specialreports>. 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. **Data should not be compared with prior years due to changes in definition/methods. 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	54	Shelby	36.80%	30.20%	6.60%	↑Bad ↓Good	23.00%	Guernsey, OH	34.20%
Percentage of adults aged 20 and over reporting no leisure-time physical activity	Get 18 out of every 100 currently physically inactive adults to exercise during leisure time.							Randolph, IN	32.40%
Source	CDC Diabetes Interactive Atlas					Year(s)	2012	Lawrence, OH	37.30%
Access to Exercise Opportunities	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	20	Loudon	70.20%	78.48%	8.28%	↑Good ↓Bad	84.00%	Guernsey, OH	48.09%
Percentage of population with adequate access to locations for physical activity	Consider how to remove barriers to access exercise locations to reach an additional 8.28 percent of the county's population.							Randolph, IN	33.21%
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files					Year(s)	2010 & 2014	Lawrence, OH	96.23%
Excessive Drinking	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	69	Benton	11.90%	10.60%	1.30%	↑Bad ↓Good	17.00%	Guernsey, OH	17.60%
Percentage of adults reporting binge or heavy drinking	Get 11 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	14.20%
Source	Behavioral Risk Factor Surveillance System					Year(s)	2014	Lawrence, OH	15.20%
Alcohol-Impaired Driving Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	35	Sullivan	25.76%	19.17%	6.59%	↑Bad ↓Good	31.00%	Guernsey, OH	30.56%
Percentage of driving deaths with alcohol involvement	Reduce the number of alcohol related driving deaths by 6.59 percent.							Randolph, IN	22.22%
Source	Fatality Analysis Reporting System					Year(s)	2010-2014	Lawrence, OH	35.48%
Sexually Transmitted Infections	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	77	Overton	425.18	153.22	271.96	↑Bad ↓Good	446.60	Guernsey, OH	296.36
Number of newly diagnosed chlamydia cases per 100,000 population	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	278.91
Source	National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention					Year(s)	2013	Lawrence, OH	175.50
Teen Births	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	34	Putnam	44.46	34.87	9.59	↑Bad ↓Good	35.00	Guernsey, OH	39.09
Teen birth rate per 1,000 female population, ages 15-19	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	44.54
Source	National Center for Health Statistics - Natality files					Year(s)	2007-2013	Lawrence, OH	47.68

Clinical Care

Uninsured	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	66	Cheatham	17.73%	14.54%	3.19%	↑Bad ↓Good	17.00%	Guernsey, OH	14.10%
Percentage of population under age 65 without health insurance	Get 18 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Randolph, IN	16.94%
Source	Small Area Health Insurance Estimates					Year(s)	2013	Lawrence, OH	13.43%
Primary Care Physicians	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	21	Coffee	1697:1	1368:1	329	↑Bad ↓Good	1320:1	Guernsey, OH	2086:1
Ratio of population to primary care physicians	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	3661:1
Source	Area Health Resource File/American Medical Association					Year(s)	2013	Lawrence, OH	1876:1
Dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	23	Dickson	2239:1	1744:1	495	↑Bad ↓Good	1540:1	Guernsey, OH	2084:1
Ratio of population to dentists	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 16 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	4231:1
Source	Area Health Resource File/National Provider Identification file					Year(s)	2014	Lawrence, OH	2934:1

Health Factors	Clinical Care	Mental Health Providers	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Ratio of population to mental health providers	25	Henry	1355:1	644:1	711	↑Bad ↓Good	490:1	Guernsey, OH	1042:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 100 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	3626:1	
	Source	CMS, National Provider Identification file			Year(s)	2015		Lawrence, OH	1712:1		
Preventable Hospital Stays	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	20	Anderson	62.96	50.27	12.69	↑Bad ↓Good	54.00	Guernsey, OH	96.44		
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	78.71
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Lawrence, OH	105.81		
Diabetic Monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	35	Giles	87.52%	89.20%	1.69%	↑Good ↓Bad	63.00%	Guernsey, OH	84.23%		
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	85.27%
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Lawrence, OH	85.02%		
Mammography Screening	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	17	Cumberland	64.00%	71.00%	7.00%	↑Good ↓Bad	63.00%	Guernsey, OH	64.00%		
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	For every 100 female Medicare enrollees, get 7 additional Medicare enrollees to receive their mammography screening.									Randolph, IN	71.00%
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Lawrence, OH	56.00%		
High School Graduation	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	63	Tipton	88.82%	98.00%	9.18%	↑Good ↓Bad	82.00%	Guernsey, OH	88.53%		
Percentage of ninth-grade cohort that graduates in four years	For every 100 ninth graders, assist 10 additional ninth graders to graduate within four years.									Randolph, IN	87.15%
	Source	EDFacts			Year(s)	2012-2013		Lawrence, OH	92.20%		
Some College	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	15	Shelby	55.54%	62.28%	6.75%	↑Good ↓Bad	64.00%	Guernsey, OH	49.67%		
Percentage of adults ages 25-44 years with some post-secondary education	For every 100 adults between 25-44 years of age, assist 7 additional adults to complete some coursework at the collegiate level.									Randolph, IN	55.48%
	Source	American Community Survey			Year(s)	2010-2014		Lawrence, OH	48.02%		
Unemployment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	14	Robertson	6.20%	5.69%	0.51%	↑Bad ↓Good	6.20%	Guernsey, OH	6.67%		
Percentage of population ages 16 and older unemployed but seeking work	For every 100 persons ages 16 years and older, help 1 persons successfully find employment.									Randolph, IN	6.58%
	Source	Bureau of Labor Statistics			Year(s)	2014		Lawrence, OH	6.53%		
Children in Poverty	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	24	Dickson	24.00%	21.10%	2.90%	↑Bad ↓Good	22.00%	Guernsey, OH	26.40%		
Percentage of children under age 18 in poverty	For every 100 children (under 18 years) in poverty, help 13 children to find assistance to get out of poverty.									Randolph, IN	23.70%
	Source	Small Area Income and Poverty Estimates			Year(s)	2014		Lawrence, OH	27.40%		
Income Inequality	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	49	Houston	4.65	4.11	0.54	↑Bad ↓Good	4.70	Guernsey, OH	4.37		
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	4.18
	Source	American Community Survey			Year(s)	2010-2014		Lawrence, OH	4.78		

Health Factors	Social & Economic Factors	Children in Single-Parent Households	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Percentage of children that live in a household headed by single parent	55	Lawrence	33.20%	23.36%	9.84%	↑Bad ↓Good	34.00%	Guernsey, OH	32.59%
		For every 100 single parent households in the county, investigate ways to encourage 30 households to be a multi-parent household.							Randolph, IN	34.44%	
		Source	American Community Survey				Year(s)	2010-2014	Lawrence, OH	37.01%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	18	Johnson	14.92	16.13	1.21	↑Good ↓Bad	9.00	Guernsey, OH	15.64		
Number of membership associations per 10,000 population	For every 100 people in the county, increase the number of membership associations by 1.							Randolph, IN	19.90		
	Source	County Business Patterns				Year(s)	2013	Lawrence, OH	10.50		
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	88	Carter	630.96	206.33	424.63	↑Bad ↓Good	392.00	Guernsey, OH	141.84		
Number of reported violent crime offenses per 100,000 population	For every 100 persons in the county, prevent 68 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	19	Washington	74.75	70.04	4.71	↑Bad ↓Good	60.00	Guernsey, OH	71.10		
Number of deaths due to injury per 100,000 population	For every 1,000 population consider ways to prevent 63 deaths as a result of intentional and unintentional injury.							Randolph, IN	65.41		
	Source	CDC WONDER mortality data				Year(s)	2009-2013	Lawrence, OH	73.81		
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	30	Greene	13.47	13.14	0.33	↑Bad ↓Good	11.40	Guernsey, OH	13.73		
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	Reduce the average daily measure of fine particulate matter by 0.33 micrograms per cubic meter (PM2.5).							Randolph, IN	13.46		
	Source	CDC WONDER Environmental data				Year(s)	2011	Lawrence, OH	13.13		
Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	No Rank	NA	No	No	NA	NA	NA	Guernsey, OH	No		
Percentage of population potentially exposed to water exceeding a violation limit during the past year	There were no health-based drinking water violations.							Randolph, IN	No		
	Source	Safe Drinking Water Information System				Year(s)	FY2013-14	Lawrence, OH	No		
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	85	Unicoi	16.74%	11.70%	5.04%	↑Bad ↓Good	19.00%	Guernsey, OH	12.71%		
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	For every 100 persons in the county experiencing housing problems, help 31 person(s) to find housing assistance.							Randolph, IN	12.45%		
	Source	Comprehensive Housing Affordability Strategy (CHAS) data				Year(s)	2008-2012	Lawrence, OH	12.07%		
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	43	Grundy	84.51%	80.27%	4.25%	↑Bad ↓Good	76.00%	Guernsey, OH	85.38%		
Percentage of the workforce that drives alone to work	For every 100 persons that currently drive alone to work, convince 6 to carpool or take mass-transportation.							Randolph, IN	83.75%		
	Source	American Community Survey				Year(s)	2010-2014	Lawrence, OH	89.07%		
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	19	Hamilton	27.80%	25.20%	2.60%	↑Bad ↓Good	31.00%	Guernsey, OH	27.40%		
Among workers who commute in their car alone, the percentage that commute more than 30 minutes	For every 100 persons that currently drive more than 30 minutes alone to work, convince 10 to carpool or take mass-transportation.							Randolph, IN	34.00%		
	Source	American Community Survey				Year(s)	2010-2014	Lawrence, OH	29.20%		

Social & Economic Factors

Physical Environment