



# 2015

## DRIVE YOUR COUNTY TO THE TOP TEN:

Accelerating Action Towards Improving County Health

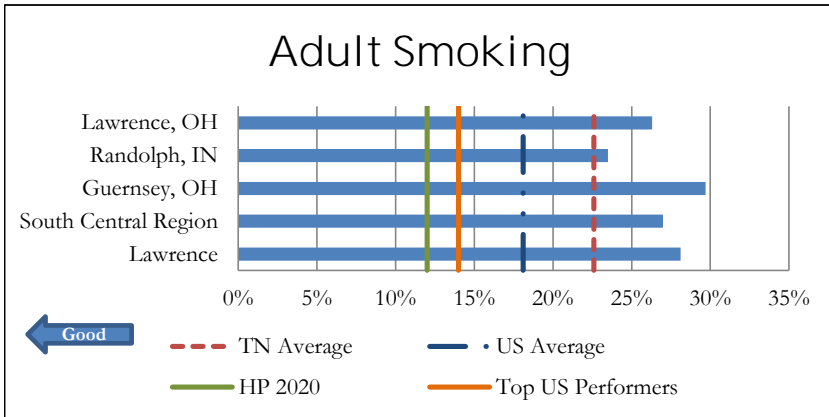
## Lawrence County





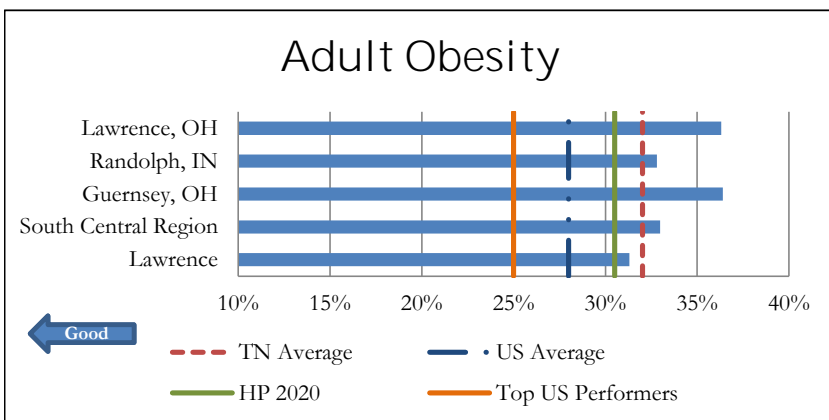
Demographics

<b>Population:</b>	41,990	<b>&lt;18 YOA:</b>	24.81%	<b>65+ YOA:</b>	17.30%	<b>% Rural:</b>	75.88%
<b>Unemployment:</b>	12.06%	<b>% Females:</b>	51.09%	<b>% Males:</b>	48.91%	<b>Graduation Rate:</b>	96.00
<b>Single parent households:</b>	22.97%	<b>MHI:</b>	\$39,532				



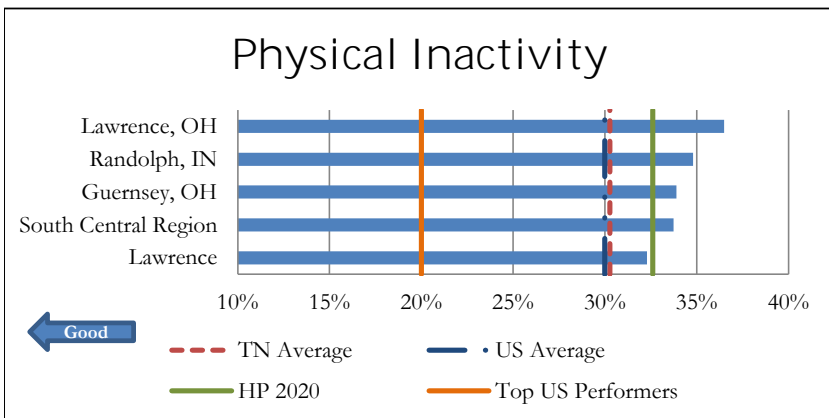
### Top Third

Measure	Value
Children in Single-Parent Households	22.97%
High School Graduation	96.00%
Alcohol-Impaired Driving Deaths	22.22%
Mammography Screening	63.55%
Income Inequality	4.33
Physical Inactivity	32.30%
Sexually Transmitted Infections	247.10
Adult Obesity	31.30%
Long Commute - Driving Alone	30.40%



### Middle Third

Measure	Value
Mental Health Providers	1750:1
Children in Poverty	27.40%
Food Environment Index	7.40
Social Associations	11.64
Driving Alone to Work	83.66%
Access to Exercise Opportunities	58.60%
Air Pollution - Particulate Matter	13.61
Some College	44.77%
Poor Mental Health Days	4.00
Poor or Fair Health	23.30%



### Bottom Third

Measure	Value
Unemployment	12.06%
Drinking Water Violations	3.58%
Violent Crime	492.97
Severe Housing Problems	15.07%
Uninsured	17.74%
Injury Deaths	102.00
Adult Smoking	28.10%

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.



Health Outcomes	Length of Life	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p><b>Premature Death</b></p> <p>58    Lewis    10317.28    7769.75    2547.53    ↑Bad ↓Good    6,811.00    Guernsey, OH    8186.66</p> <p><a href="#">Years of potential life lost before age 75 per 100,000 population (age-adjusted)</a></p> <p><b>For every 100 people in the county, 1 person in the county need to live one year closer to age 75.</b></p> <p>Randolph, IN    7617.48</p> <p><b>Source</b>    National Center for Health Statistics - Mortality files    <b>Year(s)</b>    2010-2012    Lawrence, OH    9705.35</p>								
Quality of Life	Poor or Fair Health	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>50    Putnam    23.30%    16.60%    6.70%    ↑Bad ↓Good    12.40%    Guernsey, OH    15.40%</p> <p><a href="#">Percentage of adults reporting fair or poor health (age-adjusted)</a></p> <p><b>Improve the health of 7 out of every 100 people in the county who, in general, report being in poor or fair health.</b></p> <p>Randolph, IN    20.10%</p> <p><b>Source</b>    Behavioral Risk Factor Surveillance System    <b>Year(s)</b>    2006-2012    Lawrence, OH    27.90%</p>								
Quality of Life	Poor Physical Health Days*	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>50    Chester    5.20    3.40    1.80    ↑Bad ↓Good    3.70    Guernsey, OH    4.20</p> <p><a href="#">Average number of physically unhealthy days reported in past 30 days (age-adjusted)</a></p> <p><b>Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.</b></p> <p>Randolph, IN    5.00</p> <p><b>Source</b>    Behavioral Risk Factor Surveillance System    <b>Year(s)</b>    2006-2012    Lawrence, OH    7.10</p>								
Quality of Life	Poor Mental Health Days	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>49    Henderson    4.00    2.80    1.20    ↑Bad ↓Good    3.50    Guernsey, OH    4.40</p> <p><a href="#">Average number of mentally unhealthy days reported in past 30 days (age-adjusted)</a></p> <p><b>Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.</b></p> <p>Randolph, IN    3.60</p> <p><b>Source</b>    Behavioral Risk Factor Surveillance System    <b>Year(s)</b>    2006-2012    Lawrence, OH    6.10</p>								
Quality of Life	Low Birthweight	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>57    Lewis    8.91%    7.29%    1.62%    ↑Bad ↓Good    8.10%    Guernsey, OH    8.32%</p> <p><a href="#">Percentage of live births with low birthweight (&lt; 2500 grams)</a></p> <p><b>Reduce the number of low birth weight babies by 2 for every 100 live births.</b></p> <p>Randolph, IN    8.35%</p> <p><b>Source</b>    National Center for Health Statistics - Natality files    <b>Year(s)</b>    2006-2012    Lawrence, OH    10.89%</p>								
Health Factors	Health Behaviors	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>64    Knox    28.10%    18.50%    9.60%    ↑Bad ↓Good    18.10%    Guernsey, OH    29.70%</p> <p><a href="#">Percentage of adults who are current smokers</a></p> <p><b>Get 35 out of every 100 current adult smokers in the county to quit smoking.</b></p> <p>Randolph, IN    23.50%</p> <p><b>Source</b>    Behavioral Risk Factor Surveillance System    <b>Year(s)</b>    2006-2012    Lawrence, OH    26.30%</p>								
Health Factors	Health Behaviors	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>31    Hamilton    31.30%    29.10%    2.20%    ↑Bad ↓Good    28.00%    Guernsey, OH    36.40%</p> <p><a href="#">Percentage of adults that report a BMI of 30 or more</a></p> <p><b>Get 8 out of every 100 current obese adults in the county to reduce their BMI below 30.</b></p> <p>Randolph, IN    32.80%</p> <p><b>Source</b>    CDC Diabetes Interactive Atlas    <b>Year(s)</b>    2011    Lawrence, OH    36.30%</p>								
Health Factors	Health Behaviors	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>34    Williamson    7.40    8.9    1.5    ↑Good ↓Bad    7.60    Guernsey, OH    7.20</p> <p><a href="#">Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)</a></p> <p><b>Increase the county's food index score by 1.5.</b></p> <p>Randolph, IN    6.90</p> <p><b>Source</b>    USDA Food Environment Atlas, Map the Meal Gap    <b>Year(s)</b>    2012    Lawrence, OH    7.30</p>								

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](mailto: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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	29	Wilson	32.30%	28.50%	3.80%	↑Bad ↓Good	30.00%	Guernsey, OH	33.90%
<a href="#">Percentage of adults aged 20 and over reporting no leisure-time physical activity</a>	Get 12 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	42	Loudon	58.60%	78.50%	19.91%	↑Good ↓Bad	77.00%	Guernsey, OH	48.47%
<a href="#">Percentage of population with adequate access to locations for physical activity</a>	Consider how to remove barriers to access exercise locations to reach an additional 19.91 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	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%
<a href="#">Percentage of adults reporting binge or heavy drinking</a>	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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	19	McNairy	22.22%	18.75%	3.47%	↑Bad ↓Good	32.00%	Guernsey, OH	33.33%
<a href="#">Percentage of driving deaths with alcohol involvement</a>	Reduce the number of alcohol related driving deaths by 3.47 percent.							Randolph, IN	17.65%
Source	Fatality Analysis Reporting System			Year(s)	2009-2013		Lawrence, OH	35.29%	
Sexually Transmitted Infections	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	29	Scott	247.10	144.30	102.80	↑Bad ↓Good	458.00	Guernsey, OH	268.70
<a href="#">Number of newly diagnosed chlamydia cases per 100,000 population</a>	Consider ways to educate 5 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	54	Putnam	52.18	37.04	15.14	↑Bad ↓Good	31.00	Guernsey, OH	40.89
<a href="#">Teen birth rate per 1,000 female population, ages 15-19</a>	For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 30 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	71	Blount	17.74%	14.64%	3.10%	↑Bad ↓Good	18.00%	Guernsey, OH	14.71%
<a href="#">Percentage of population under age 65 without health insurance</a>	Get 18 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	52	Anderson	2476:1	1397:1	1079	↑Bad ↓Good	1,355.00	Guernsey, OH	1991:1
<a href="#">Ratio of population to primary care physicians</a>	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 14 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	52	Maury	3499:1	1675:1	1824	↑Bad ↓Good	1,663.00	Guernsey, OH	2086:1
<a href="#">Ratio of population to dentists</a>	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 14 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
		<a href="#">Ratio of population to mental health providers</a>		32	McNairy	1750:1	688:1	1062	↑Bad ↓Good	753	Guernsey, OH	1132:1
		<b>To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 38 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.</b>									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
<a href="#">Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees</a>		55	Marshall	87.41	58.47	28.94	↑Bad ↓Good	65.00	Guernsey, OH	116.49		
		<b>For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.</b>									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
<a href="#">Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring</a>		51	Crockett	86.56%	88.92%	2.36%	↑Good ↓Bad	84.00%	Guernsey, OH	78.74%		
		<b>For every 100 diabetic Medicare enrollees, get 3 additional Medicare enrollees to receive HbA1c screening.</b>									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
<a href="#">Percentage of female Medicare enrollees ages 67-69 that receive mammography screening</a>		24	Knox	63.55%	65.71%	2.16%	↑Good ↓Bad	63.00%	Guernsey, OH	63.84%		
		<b>For every 100 female Medicare enrollees, get 3 additional Medicare enrollees to receive their mammography screening.</b>									Randolph, IN	64.69%
		Source			Dartmouth Atlas of Health Care			Year(s)		2012	Lawrence, OH	56.79%
		High School Graduation		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Percentage of ninth-grade cohort that graduates in four years</a>		7	Morgan	96.00%	99.50%	3.50%	↑Good ↓Bad	80.00%	Guernsey, OH	90.71%		
		<b>For every 100 ninth graders, assist 4 additional ninth graders to graduate within four years.</b>									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
<a href="#">Percentage of adults ages 25-44 years with some post-secondary education</a>		47	Shelby	44.77%	62.09%	17.32%	↑Good ↓Bad	63.00%	Guernsey, OH	47.78%		
		<b>For every 100 adults between 25-44 years of age, assist 1733 additional adults to complete some coursework at the collegiate level.</b>									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
<a href="#">Percentage of population ages 16 and older unemployed but seeking work</a>		90	Blount	12.06%	6.89%	5.17%	↑Bad ↓Good	8.10%	Guernsey, OH	8.23%		
		<b>For every 100 persons ages 16 years and older, help 6 persons successfully find employment.</b>									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
<a href="#">Percentage of children under age 18 in poverty</a>		33	Montgomery	27.40%	21.40%	6.00%	↑Bad ↓Good	23.00%	Guernsey, OH	33.90%		
		<b>For every 100 children (under 18 years) in poverty, help 22 children to find assistance to get out of poverty.</b>									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
<a href="#">Ratio of household income at the 80th percentile to income at the 20th percentile</a>		27	Williamson	4.33	4.11	0.22	↑Bad ↓Good	NA	Guernsey, OH	4.46		
		<b>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).</b>									Randolph, IN	4.11
		Source			American Community Survey			Year(s)		2009-2013	Lawrence, OH	4.66

Health Factors

Clinical Care

Social & Economic Factors

Health Factors

Social & Economic Factors

Children in Single-Parent Households	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	5	Overton	22.97%	15.20%	7.77%	↑Bad ↓Good	21.00%	Guernsey, OH	32.44%
<a href="#">Percentage of children that live in a household headed by single parent</a>	For every 100 single parent households in the county, investigate ways to encourage 34 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
37	Henry	11.64	16.70	5.05	↑Good ↓Bad	33.00%	Guernsey, OH	16.07	
<a href="#">Number of membership associations per 10,000 population</a>	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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
74	Carter	492.97	206.33	286.64	↑Bad ↓Good	387.00	Guernsey, OH	141.84	
<a href="#">Number of reported violent crime offenses per 100,000 population</a>	For every 100 persons in the county, prevent 59 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
68	Fayette	102.00	68.81	33.18	↑Bad ↓Good	59.00	Guernsey, OH	66.36	
<a href="#">Number of deaths due to injury per 100,000 population</a>	For every 1,000 population consider ways to prevent 326 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
44	Greene	13.61	13.14	0.47	↑Bad ↓Good	11.10	Guernsey, OH	13.73	
<a href="#">Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)</a>	Reduce the average daily measure of fine particulate matter by 0.47 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	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
78	Anderson	3.58%	0.00%	3.58%	↑Bad ↓Good	8.00%	Guernsey, OH	1.37%	
<a href="#">Percentage of population potentially exposed to water exceeding a violation limit during the past year</a>	For every 100 persons in the county exposed to water violations, assist 1 person(s) from exposure to health-based violations in public water systems.							Randolph, IN	0.00%
Source	Safe Drinking Water Information System		Year(s)		FY2013-14		Lawrence, OH	0.00%	
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
72	Lewis	15.07%	10.96%	4.11%	↑Bad ↓Good	19.00%	Guernsey, OH	12.38%	
<a href="#">Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities</a>	For every 100 persons in the county experiencing housing problems, help 28 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
38	Davidson	83.66%	80.03%	3.63%	↑Bad ↓Good	76.00%	Guernsey, OH	85.44%	
<a href="#">Percentage of the workforce that drives alone to work</a>	For every 100 persons that currently drive alone to work, convince 5 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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
31	Hamilton	30.40%	25.10%	5.30%	↑Bad ↓Good	34.00%	Guernsey, OH	26.40%	
<a href="#">Among workers who commute in their car alone, the percentage that commute more than 30 minutes</a>	For every 100 persons that currently drive more than 30 minutes alone to work, convince 18 to carpool or take mass-transportation.							Randolph, IN	33.40%
Source	American Community Survey		Year(s)		2009-2013		Lawrence, OH	29.60%	