



**2016**

DRIVE YOUR COUNTY TO THE  
**TOP TEN**

INFORMING • CONNECTING • ACCELERATING

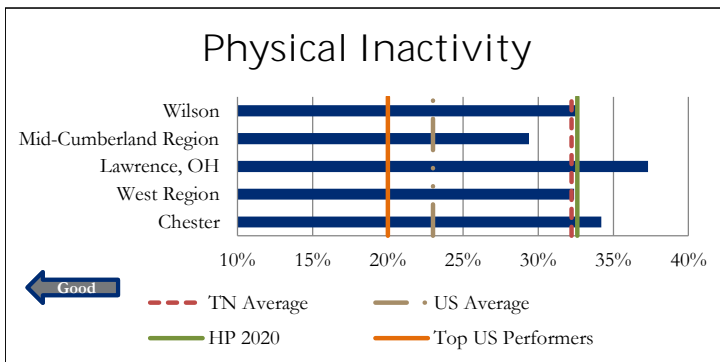
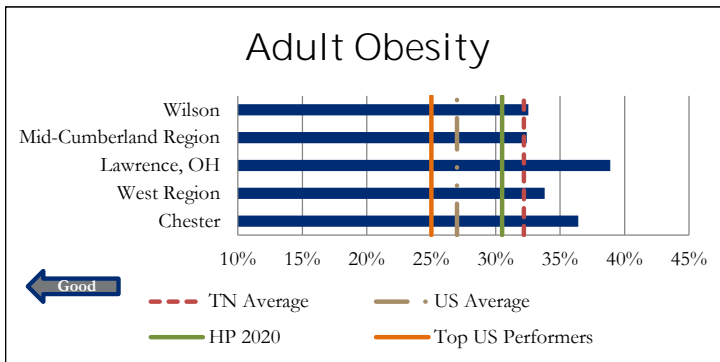
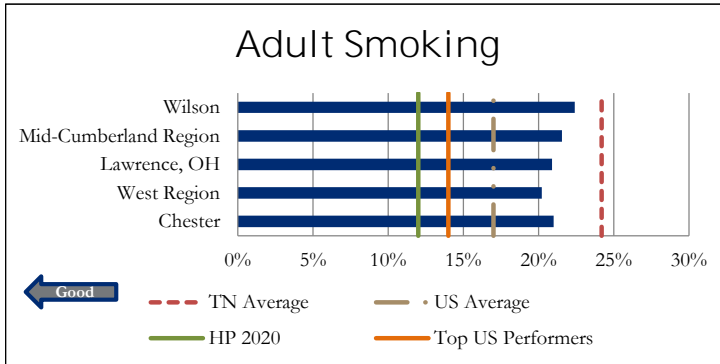
Chester County

**TN**

Department of  
**Health**

Demographics

<b>Population:</b>	17,379	<b>&lt;18 YOA:</b>	21.90%	<b>65+ YOA:</b>	16.69%	<b>% Rural:</b>	65.20%
<b>Unemployment:</b>	7.02%	<b>% Females:</b>	52.10%	<b>% Males:</b>	47.90%	<b>Graduation Rate:</b>	92.50%
<b>Single parent households:</b>	31.06%	<b>MHI:</b>	\$40,980				



### Top Third

Measure	Value
Physical Inactivity	29.40%
Premature Death	7528.30
Teen Births	31.45
Low Birthweight	7.17%
Preventable Hospital Stays	57.60
Injury Deaths	74.74
Some College	53.87%
Poor Mental Health Days	4.60
Adult Smoking	22.40%
Children in Poverty	25.30%

### Middle Third

Measure	Value
Unemployment	7.02%
Children in Single-Parent Households	31.06%
Driving Alone to Work	84.20%
Adult Obesity	32.40%
Severe Housing Problems	13.50%
Air Pollution - Particulate Matter	13.64
Social Associations	10.97
Dentists	3476:1
Mammography Screening	59.00%
Access to Exercise Opportunities	45.22%

### Bottom Third

Measure	Value
Income Inequality	5.31
Excessive Drinking	12.30%
Long Commute - Driving Alone	46.80%
Primary Care Physicians	4330:1
Diabetic Monitoring	84.67%



### 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	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		7	Fayette	7528.30	7190.80	337.50	↑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	
		60	Rutherford	22.80%	19.60%	3.20%	↑Bad ↓Good	18.00%	Guernsey, OH	18.00%	
		Improve the health of 4 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%	
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Lawrence, OH	18.30%	
			Poor Physical Health Days*								
	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	30	Knox	4.70	4.30	0.40	↑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		
			Poor Mental Health Days*								
Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
26	Williamson	4.60	3.80	0.80	↑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			
		Low Birthweight									
Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
9	Putnam	7.17%	6.97%	0.20%	↑Bad ↓Good	8.00%	Guernsey, OH	8.11%			
Reduce the number of low birth weight babies by 1 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%			
Health Factors	Health Behaviors	Adult Smoking*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		26	Humphreys	22.40%	21.10%	1.30%	↑Bad ↓Good	17.00%	Guernsey, OH	21.00%	
	Get 6 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%		
			Adult Obesity								
	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	41	Hamilton	32.40%	29.90%	2.50%	↑Bad ↓Good	27.00%	Guernsey, OH	36.40%		
	Get 8 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%			
		Food Environment Index									
Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
54	Cannon	6.90	7.9	1	↑Good ↓Bad	7.20	Guernsey, OH	7.00			
Increase the county's food index score by 1.							Randolph, IN	6.80			
Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Lawrence, OH	7.00			

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							Peer County		Peer Value	
				Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
<a href="#">Percentage of adults aged 20 and over reporting no leisure-time physical activity</a>		5	Williamson	29.40%	23.30%	6.10%	↑Bad ↓Good	23.00%	Guernsey, OH	34.20%				
		Get 21 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%			
<a href="#">Percentage of population with adequate access to locations for physical activity</a>		Access to Exercise Opportunities		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		53	Loudon	45.22%	78.48%	33.26%	↑Good ↓Bad	84.00%	Guernsey, OH	48.09%				
		Consider how to remove barriers to access exercise locations to reach an additional 33.26 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%			
<a href="#">Percentage of adults reporting binge or heavy drinking</a>		Excessive Drinking		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		82	Benton	12.30%	10.60%	1.70%	↑Bad ↓Good	17.00%	Guernsey, OH	17.60%				
		Get 14 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%			
<a href="#">Percentage of driving deaths with alcohol involvement</a>		Alcohol-Impaired Driving Deaths		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		59	Sullivan	33.33%	19.17%	14.17%	↑Bad ↓Good	31.00%	Guernsey, OH	30.56%				
		Reduce the number of alcohol related driving deaths by 14.17 percent.							Randolph, IN	22.22%				
		Source		Fatality Analysis Reporting System				Year(s)	2010-2014	Lawrence, OH	35.48%			
<a href="#">Number of newly diagnosed chlamydia cases per 100,000 population</a>		Sexually Transmitted Infections		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		55	Overton	314.48	153.22	161.26	↑Bad ↓Good	446.60	Guernsey, OH	296.36				
		Consider ways to educate 6 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			
<a href="#">Teen birth rate per 1,000 female population, ages 15-19</a>		Teen Births		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		7	Knox	31.45	31.09	0.36	↑Bad ↓Good	35.00	Guernsey, OH	39.09				
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 2 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			
<a href="#">Percentage of population under age 65 without health insurance</a>		Uninsured		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		28	Cheatham	15.73%	14.54%	1.19%	↑Bad ↓Good	17.00%	Guernsey, OH	14.10%				
		Get 8 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%			
<a href="#">Ratio of population to primary care physicians</a>		Primary Care Physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		75	Coffee	4330:1	1368:1	2962	↑Bad ↓Good	1320:1	Guernsey, OH	2086:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 61 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			
<a href="#">Ratio of population to dentists</a>		Dentists		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		51	Dickson	3476:1	1744:1	1732	↑Bad ↓Good	1540:1	Guernsey, OH	2084:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 35 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
		<a href="#">Ratio of population to mental health providers</a>	28	Henry	1448:1	644:1	804	↑Bad ↓Good	490:1	Guernsey, OH	1042:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 106 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		
	13	Anderson	57.60	50.27	7.33	↑Bad ↓Good	54.00	Guernsey, OH	96.44		
<a href="#">Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees</a>	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		
	74	Giles	84.67%	89.20%	4.53%	↑Good ↓Bad	63.00%	Guernsey, OH	84.23%		
<a href="#">Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring</a>	For every 100 diabetic Medicare enrollees, get 5 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		
	52	Cumberland	59.00%	71.00%	12.00%	↑Good ↓Bad	63.00%	Guernsey, OH	64.00%		
<a href="#">Percentage of female Medicare enrollees ages 67-69 that receive mammography screening</a>	For every 100 female Medicare enrollees, get 12 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		
	30	Tipton	92.50%	98.00%	5.50%	↑Good ↓Bad	82.00%	Guernsey, OH	88.53%		
<a href="#">Percentage of ninth-grade cohort that graduates in four years</a>	For every 100 ninth graders, assist 6 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		
	20	Shelby	53.87%	62.28%	8.42%	↑Good ↓Bad	64.00%	Guernsey, OH	49.67%		
<a href="#">Percentage of adults ages 25-44 years with some post-secondary education</a>	For every 100 adults between 25-44 years of age, assist 9 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		
	33	Robertson	7.02%	5.69%	1.33%	↑Bad ↓Good	6.20%	Guernsey, OH	6.67%		
<a href="#">Percentage of population ages 16 and older unemployed but seeking work</a>	For every 100 persons ages 16 years and older, help 2 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		
	27	Dickson	25.30%	21.10%	4.20%	↑Bad ↓Good	22.00%	Guernsey, OH	26.40%		
<a href="#">Percentage of children under age 18 in poverty</a>	For every 100 children (under 18 years) in poverty, help 17 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		
	88	Houston	5.31	4.11	1.20	↑Bad ↓Good	4.70	Guernsey, OH	4.37		
<a href="#">Ratio of household income at the 80th percentile to income at the 20th percentile</a>	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 2 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
		37	Lawrence	31.06%	23.36%	7.70%	↑Bad ↓Good	34.00%	Guernsey, OH	32.59%
		For every 100 single parent households in the county, investigate ways to encourage 25 households to be a multi-parent household.							Randolph, IN	34.44%
		Source		American Community Survey		Year(s)		2010-2014	Lawrence, OH	37.01%
		Percentage of children that live in a household headed by single parent								
Health Factors	Social & Economic Factors	Social Associations								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		49	Johnson	10.97	16.13	5.16	↑Good ↓Bad	9.00	Guernsey, OH	15.64
		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
		Number of membership associations per 10,000 population								
Health Factors	Social & Economic Factors	Violent Crime								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		30	Carter	294.00	206.33	87.67	↑Bad ↓Good	392.00	Guernsey, OH	141.84
		For every 100 persons in the county, prevent 30 people from committing a violent crime.							Randolph, IN	24.93
		Source		Uniform Crime Reporting - FBI		Year(s)		2010-2012	Lawrence, OH	166.55
		Number of reported violent crime offenses per 100,000 population								
Health Factors	Social & Economic Factors	Injury Deaths								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		18	Washington	74.74	70.04	4.70	↑Bad ↓Good	60.00	Guernsey, OH	71.10
		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
		Number of deaths due to injury per 100,000 population								
Health Factors	Social & Economic Factors	Air Pollution - Particulate Matter								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		47	Greene	13.64	13.14	0.50	↑Bad ↓Good	11.40	Guernsey, OH	13.73
		Reduce the average daily measure of fine particulate matter by 0.5 micrograms per cubic meter (PM2.5).							Randolph, IN	13.46
		Source		CDC WONDER Environmental data		Year(s)		2011	Lawrence, OH	13.13
		Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)								
Health Factors	Physical Environment	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
		There were no health-based drinking water violations.							Randolph, IN	No
		Source		Safe Drinking Water Information System		Year(s)		FY2013-14	Lawrence, OH	No
		Percentage of population potentially exposed to water exceeding a violation limit during the past year								
Health Factors	Physical Environment	Severe Housing Problems								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		43	Unicoi	13.50%	11.70%	1.80%	↑Bad ↓Good	19.00%	Guernsey, OH	12.71%
		For every 100 persons in the county experiencing housing problems, help 14 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%
		Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities								
Health Factors	Physical Environment	Driving Alone to Work								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		40	Grundy	84.20%	80.27%	3.94%	↑Bad ↓Good	76.00%	Guernsey, OH	85.38%
		For every 100 persons that currently drive alone to work, convince 5 to carpool or take mass-transportation.							Randolph, IN	83.75%
		Source		American Community Survey		Year(s)		2010-2014	Lawrence, OH	89.07%
		Percentage of the workforce that drives alone to work								
Health Factors	Physical Environment	Long Commute - Driving Alone								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		77	Hamilton	46.80%	25.20%	21.60%	↑Bad ↓Good	31.00%	Guernsey, OH	27.40%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 47 to carpool or take mass-transportation.							Randolph, IN	34.00%
		Source		American Community Survey		Year(s)		2010-2014	Lawrence, OH	29.20%
		Among workers who commute in their car alone, the percentage that commute more than 30 minutes								