



**2016**

DRIVE YOUR COUNTY TO THE  
**TOP TEN**

INFORMING • CONNECTING • ACCELERATING

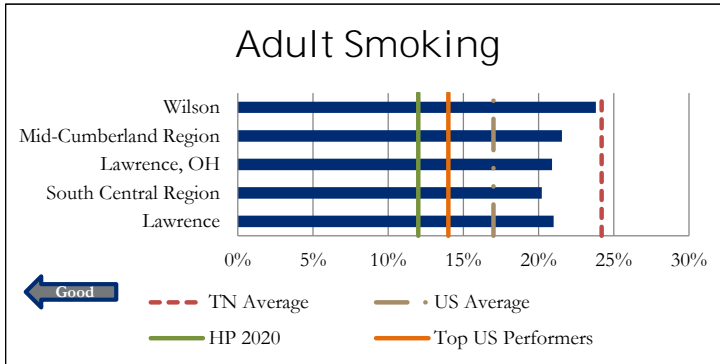
Lawrence County

**TN**

Department of  
**Health**

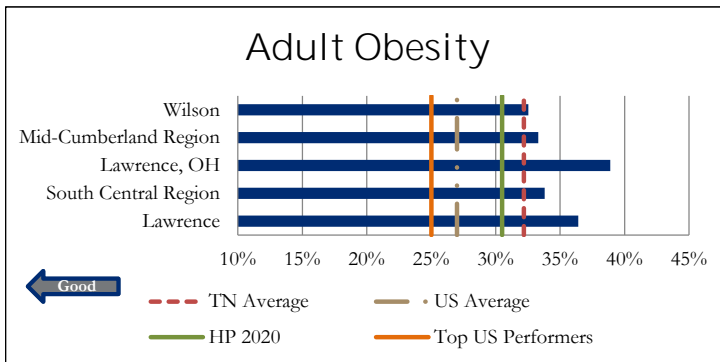
Demographics

<b>Population:</b>	42,274	<b>&lt;18 YOA:</b>	24.93%	<b>65+ YOA:</b>	17.51%	<b>% Rural:</b>	75.90%
<b>Unemployment:</b>	8.22%	<b>% Females:</b>	51.00%	<b>% Males:</b>	49.00%	<b>Graduation Rate:</b>	94.00%
<b>Single parent households:</b>	23.36%	<b>MHI:</b>	\$34,614				



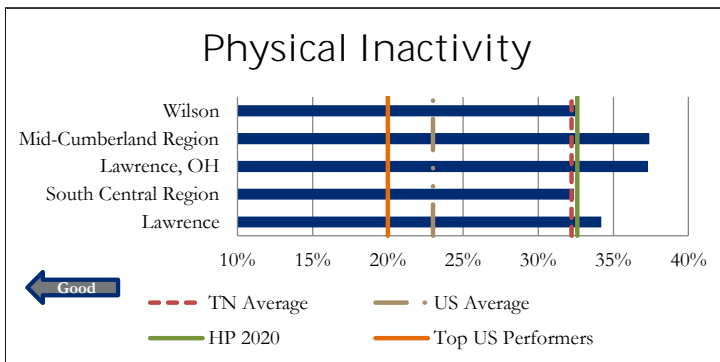
### Top Third

Measure	Value
Diabetic Monitoring	90.36%
Children in Single-Parent Households	23.36%
High School Graduation	94.00%
Mammography Screening	62.00%
Income Inequality	4.37
Alcohol-Impaired Driving Deaths	25.00%



### Middle Third

Measure	Value
Mental Health Providers	1838:1
Social Associations	11.67
Access to Exercise Opportunities	56.41%
Long Commute - Driving Alone	33.30%
Poor Physical Health Days	4.80
Poor Mental Health Days	4.70
Primary Care Physicians	2210:1
Food Environment Index	7.10
Poor or Fair Health	22.20%
Premature Death	9704.00



### Bottom Third

Measure	Value
Violent Crime	492.97
Severe Housing Problems	14.98%



### 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
		44	Knox	9704.00	7735.80	1968.20	↑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	
	40	Knox	4.80	4.30	0.50	↑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		
41	Williamson	4.70	3.80	0.90	↑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		
53	Pickett	8.89%	7.24%	1.65%	↑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
		54	Humphreys	23.80%	21.10%	2.70%	↑Bad ↓Good	17.00%	Guernsey, OH	21.00%
	Get 12 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	
	54	Hamilton	33.30%	29.90%	3.40%	↑Bad ↓Good	27.00%	Guernsey, OH	36.40%	
Get 11 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		
42	Cannon	7.10	7.9	0.8	↑Good ↓Bad	7.20	Guernsey, OH	7.00		
Increase the county's food index score by 0.8.							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		Clinical Care	Mental Health Providers		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
			36	Henry	1838:1	644:1	1194	↑Bad ↓Good	490:1	Guernsey, OH	1042:1			
			<a href="#">Ratio of population to mental health providers</a> To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 124 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	
			59	Anderson	79.96	50.27	29.69	↑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	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
			4	Sullivan	90.36%	91.16%	0.80%	↑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 1 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	
			26	Cumberland	62.00%	71.00%	9.00%	↑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 9 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	
			14	Tipton	94.00%	98.00%	4.00%	↑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 4 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	
			45	Shelby	45.59%	62.28%	16.70%	↑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 17 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	
			57	Robertson	8.22%	5.69%	2.53%	↑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 3 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	
			54	Dickson	29.20%	21.10%	8.10%	↑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 28 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	
			27	Houston	4.37	4.11	0.26	↑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 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	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		10	Grainger	23.36%	21.60%	1.77%	↑Bad ↓Good	34.00%	Guernsey, OH	32.59%
		For every 100 single parent households in the county, investigate ways to encourage 8 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
		36	Johnson	11.67	16.13	4.46	↑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
		74	Carter	492.97	206.33	286.64	↑Bad ↓Good	392.00	Guernsey, OH	141.84
		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
		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
		49	Washington	94.01	70.04	23.97	↑Bad ↓Good	60.00	Guernsey, OH	71.10
		For every 1,000 population consider ways to prevent 256 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
		44	Greene	13.61	13.14	0.47	↑Bad ↓Good	11.40	Guernsey, OH	13.73
		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
		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	Yes	No	NA	NA	NA	Guernsey, OH	No
		At least one community water system in the county receive a violation during the specific timeframe							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
		67	Unicoi	14.98%	11.70%	3.28%	↑Bad ↓Good	19.00%	Guernsey, OH	12.71%
		For every 100 persons in the county experiencing housing problems, help 22 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
		47	Grundy	84.89%	80.27%	4.62%	↑Bad ↓Good	76.00%	Guernsey, OH	85.38%
		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%
		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
		39	Hamilton	33.30%	25.20%	8.10%	↑Bad ↓Good	31.00%	Guernsey, OH	27.40%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 25 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								