



2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING

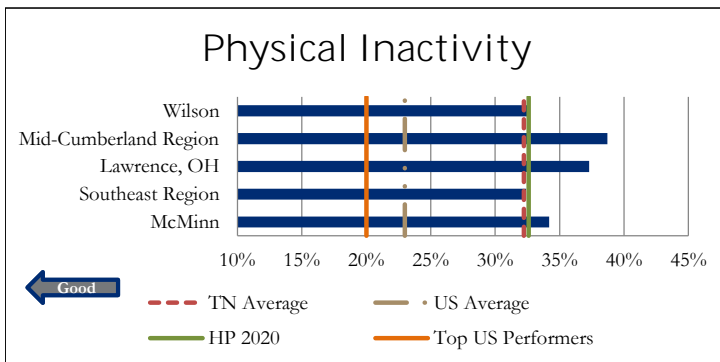
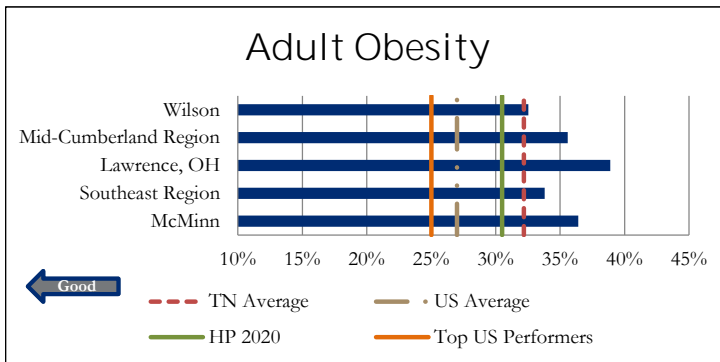
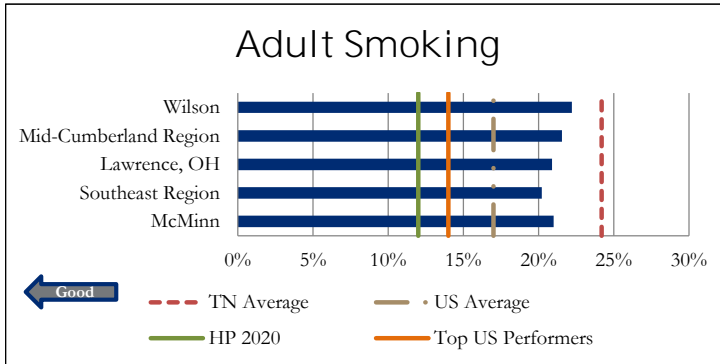
McMinn County

TN

Department of
Health

Demographics

Population:	52,626	<18 YOA:	21.69%	65+ YOA:	18.68%	% Rural:	60.30%
Unemployment:	7.61%	% Females:	51.30%	% Males:	48.70%	Graduation Rate:	92.00%
Single parent households:	29.20%	MHI:	\$39,528				



Top Third

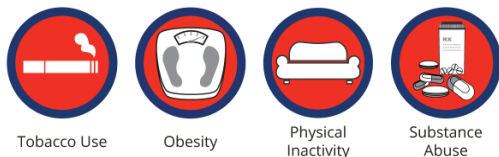
Measure	Value
Social Associations	15.86
Poor Physical Health Days	4.60
Long Commute - Driving Alone	28.10%
Adult Smoking	22.20%
Poor or Fair Health	21.20%
Low Birthweight	8.06%
Children in Poverty	25.20%
Children in Single-Parent Households	29.20%
Dentists	2506:1
Primary Care Physicians	1939:1

Middle Third

Measure	Value
Mental Health Providers	1815:1
Mammography Screening	61.00%
Preventable Hospital Stays	69.18
High School Graduation	92.00%
Injury Deaths	86.69
Air Pollution - Particulate Matter	13.52
Teen Births	46.32
Some College	46.79%
Poor Mental Health Days	4.70
Food Environment Index	7.10

Bottom Third

Measure	Value
Adult Obesity	35.60%
Violent Crime	531.20
Physical Inactivity	38.70%
Alcohol-Impaired Driving Deaths	36.92%



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	
		46	Knox	9809.90	7735.80	2074.10	↑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	
		25	Rutherford	21.20%	19.60%	1.60%	↑Bad ↓Good	18.00%	Guernsey, OH	18.00%	
		Improve the health of 2 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		
	21	Knox	4.60	4.30	0.30	↑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			
25	Pickett	8.06%	7.24%	0.82%	↑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%			
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	
		23	Humphreys	22.20%	21.10%	1.10%	↑Bad ↓Good	17.00%	Guernsey, OH	21.00%	
		Get 5 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		
	81	Hamilton	35.60%	29.90%	5.70%	↑Bad ↓Good	27.00%	Guernsey, OH	36.40%		
	Get 17 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		Health Behaviors		Physical Inactivity							Peer County		Peer Value	
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults aged 20 and over reporting no leisure-time physical activity		76	Shelby	38.70%	30.20%	8.50%	↑Bad ↓Good	23.00%	Guernsey, OH	34.20%				
		Get 22 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%		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population with adequate access to locations for physical activity		47	Loudon	50.91%	78.48%	27.57%	↑Good ↓Bad	84.00%	Guernsey, OH	48.09%				
		Consider how to remove barriers to access exercise locations to reach an additional 27.57 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%		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults reporting binge or heavy drinking		45	Benton	11.40%	10.60%	0.80%	↑Bad ↓Good	17.00%	Guernsey, OH	17.60%				
		Get 8 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%		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of driving deaths with alcohol involvement		72	Sullivan	36.92%	19.17%	17.76%	↑Bad ↓Good	31.00%	Guernsey, OH	30.56%				
		Reduce the number of alcohol related driving deaths by 17.76 percent.							Randolph, IN	22.22%				
		Source			Fatality Analysis Reporting System			Year(s)		2010-2014	Lawrence, OH	35.48%		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Number of newly diagnosed chlamydia cases per 100,000 population		49	Overton	288.08	153.22	134.86	↑Bad ↓Good	446.60	Guernsey, OH	296.36				
		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	278.91				
		Source			National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)		2013	Lawrence, OH	175.50		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Teen birth rate per 1,000 female population, ages 15-19		40	Putnam	46.32	34.87	11.45	↑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 25 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		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population under age 65 without health insurance		54	Cheatham	16.94%	14.54%	2.40%	↑Bad ↓Good	17.00%	Guernsey, OH	14.10%				
		Get 15 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%		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Ratio of population to primary care physicians		29	Coffee	1939:1	1368:1	571	↑Bad ↓Good	1320:1	Guernsey, OH	2086:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 27 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		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Ratio of population to dentists		28	Dickson	2506:1	1744:1	762	↑Bad ↓Good	1540:1	Guernsey, OH	2084:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 22 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		
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		

Health Factors

Health Behaviors

Clinical Care

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 To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 123 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. Source: CMS, National Provider Identification file Year(s): 2015	34	Henry	1815:1	644:1	1171	↑Bad ↓Good	490:1	Guernsey, OH	1042:1
Preventable Hospital Stays	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	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. Source: Dartmouth Atlas of Health Care Year(s): 2013	37	Anderson	69.18	50.27	18.91	↑Bad ↓Good	54.00	Guernsey, OH	96.44	Randolph, IN
Diabetic Monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring For every 100 diabetic Medicare enrollees, get 3 additional Medicare enrollees to receive HbA1c screening. Source: Dartmouth Atlas of Health Care Year(s): 2013	46	Giles	86.53%	89.20%	2.68%	↑Good ↓Bad	63.00%	Guernsey, OH	84.23%	Randolph, IN
Mammography Screening	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	Percentage of female Medicare enrollees ages 67-69 that receive mammography screening For every 100 female Medicare enrollees, get 10 additional Medicare enrollees to receive their mammography screening. Source: Dartmouth Atlas of Health Care Year(s): 2013	36	Cumberland	61.00%	71.00%	10.00%	↑Good ↓Bad	63.00%	Guernsey, OH	64.00%	Randolph, IN
High School Graduation	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	Percentage of ninth-grade cohort that graduates in four years For every 100 ninth graders, assist 6 additional ninth graders to graduate within four years. Source: ED Facts Year(s): 2012-2013	38	Tipton	92.00%	98.00%	6.00%	↑Good ↓Bad	82.00%	Guernsey, OH	88.53%	Randolph, IN
Some College	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	Percentage of adults ages 25-44 years with some post-secondary education For every 100 adults between 25-44 years of age, assist 16 additional adults to complete some coursework at the collegiate level. Source: American Community Survey Year(s): 2010-2014	40	Shelby	46.79%	62.28%	15.49%	↑Good ↓Bad	64.00%	Guernsey, OH	49.67%	Randolph, IN
Unemployment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	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. Source: Bureau of Labor Statistics Year(s): 2014	45	Robertson	7.61%	5.69%	1.92%	↑Bad ↓Good	6.20%	Guernsey, OH	6.67%	Randolph, IN
Children in Poverty	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	Percentage of children under age 18 in poverty For every 100 children (under 18 years) in poverty, help 17 children to find assistance to get out of poverty. Source: Small Area Income and Poverty Estimates Year(s): 2014	26	Dickson	25.20%	21.10%	4.10%	↑Bad ↓Good	22.00%	Guernsey, OH	26.40%	Randolph, IN
Income Inequality	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	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). Source: American Community Survey Year(s): 2010-2014	63	Houston	4.76	4.11	0.65	↑Bad ↓Good	4.70	Guernsey, OH	4.37	Randolph, IN
								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
		26	Lawrence	29.20%	23.36%	5.84%	↑Bad ↓Good	34.00%	Guernsey, OH	32.59%
		For every 100 single parent households in the county, investigate ways to encourage 20 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								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		12	Johnson	15.86	16.13	0.27	↑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								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		79	Carter	531.20	206.33	324.87	↑Bad ↓Good	392.00	Guernsey, OH	141.84
		For every 100 persons in the county, prevent 62 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								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		38	Washington	86.69	70.04	16.65	↑Bad ↓Good	60.00	Guernsey, OH	71.10
		For every 1,000 population consider ways to prevent 193 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								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		38	Greene	13.52	13.14	0.38	↑Bad ↓Good	11.40	Guernsey, OH	13.73
		Reduce the average daily measure of fine particulate matter by 0.38 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)								
		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								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		29	Unicoi	13.00%	11.70%	1.30%	↑Bad ↓Good	19.00%	Guernsey, OH	12.71%
		For every 100 persons in the county experiencing housing problems, help 11 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								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		48	Grundy	84.92%	80.27%	4.66%	↑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								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		21	Hamilton	28.10%	25.20%	2.90%	↑Bad ↓Good	31.00%	Guernsey, OH	27.40%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 11 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								