



**2016**

DRIVE YOUR COUNTY TO THE  
**TOP TEN**

INFORMING • CONNECTING • ACCELERATING

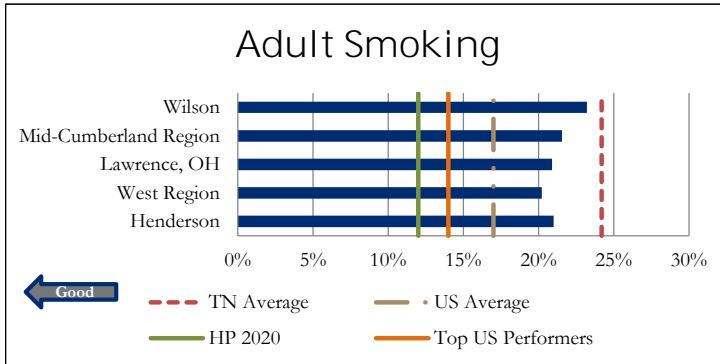
Henderson County

**TN**

Department of  
**Health**

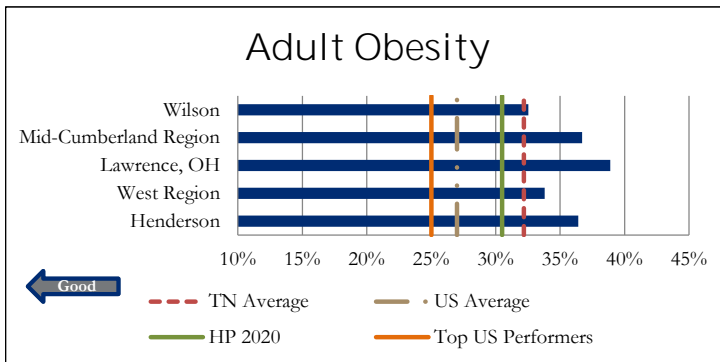
Demographics

<b>Population:</b>	28,009	<b>&lt;18 YOA:</b>	23.34%	<b>65+ YOA:</b>	16.83%	<b>% Rural:</b>	76.40%
<b>Unemployment:</b>	8.77%	<b>% Females:</b>	51.50%	<b>% Males:</b>	48.50%	<b>Graduation Rate:</b>	97.00%
<b>Single parent households:</b>	40.90%	<b>MHI:</b>	\$39,303				



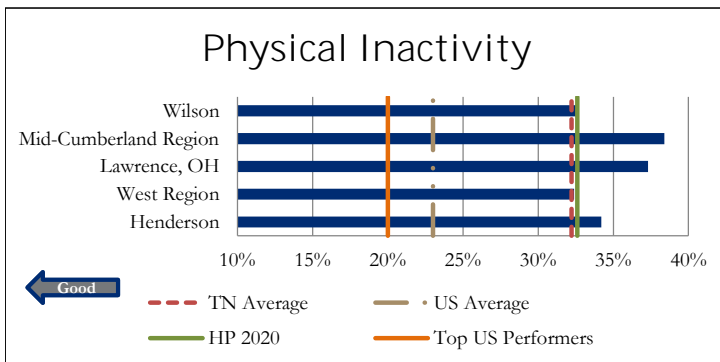
### Top Third

Measure	Value
High School Graduation	97.00%
Severe Housing Problems	11.84%
Uninsured	15.16%
Poor Mental Health Days	4.60
Injury Deaths	79.57
Poor Physical Health Days	4.70



### Middle Third

Measure	Value
Some College	48.22%
Children in Poverty	27.40%
Adult Smoking	23.20%
Access to Exercise Opportunities	51.47%
Mental Health Providers	2334:1
Excessive Drinking	11.60%
Dentists	3501:1
Teen Births	51.14
Poor or Fair Health	22.70%
Long Commute - Driving Alone	39.20%



### Bottom Third

Measure	Value
Diabetic Monitoring	82.98%
Adult Obesity	36.70%
Children in Single-Parent Households	40.90%
Violent Crime	615.97
Alcohol-Impaired Driving Deaths	40.00%
Driving Alone to Work	87.21%
Mammography Screening	53.00%
Low Birthweight	9.83%
Social Associations	7.84
Primary Care Physicians	4007:1



### 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	
		62	Knox	10628.20	7735.80	2892.40	↑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	
	Quality of Life	Poor or Fair Health*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		57	Rutherford	22.70%	19.60%	3.10%	↑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%	
	Quality of Life	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	
	Quality of Life	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	
	Quality of Life	Low Birthweight									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		77	Pickett	9.83%	7.24%	2.59%	↑Bad ↓Good	8.00%	Guernsey, OH	8.11%	
		Reduce the number of low birth weight babies by 3 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	
			43	Humphreys	23.20%	21.10%	2.10%	↑Bad ↓Good	17.00%	Guernsey, OH	21.00%
			Get 10 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%
		Health Behaviors	Adult Obesity								
	Rank		10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		87	Hamilton	36.70%	29.90%	6.80%	↑Bad ↓Good	27.00%	Guernsey, OH	36.40%	
		Get 19 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%	
	Health Behaviors	Food Environment Index									
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		62	Cannon	6.70	7.9	1.2	↑Good ↓Bad	7.20	Guernsey, OH	7.00	
		Increase the county's food index score by 1.2.							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	10th Ranked	Value	10th 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>		70	Shelby	38.40%	30.20%	8.20%	↑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%			
		<a href="#">Percentage of population with adequate access to locations for physical activity</a>		44	Loudon	51.47%	78.48%	27.01%	↑Good ↓Bad	84.00%	Guernsey, OH	48.09%		
Consider how to remove barriers to access exercise locations to reach an additional 27.01 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>				52	Benton	11.60%	10.60%	1.00%	↑Bad ↓Good	17.00%	Guernsey, OH	17.60%		
		Get 9 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>		79	Sullivan	40.00%	19.17%	20.83%	↑Bad ↓Good	31.00%	Guernsey, OH	30.56%		
Reduce the number of alcohol related driving deaths by 20.83 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>				70	Overton	378.26	153.22	225.04	↑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>		56	Putnam	51.14	34.87	16.26	↑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 32 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>				19	Cheatham	15.16%	14.54%	0.62%	↑Bad ↓Good	17.00%	Guernsey, OH	14.10%		
		Get 5 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>		74	Coffee	4007:1	1368:1	2639	↑Bad ↓Good	1320:1	Guernsey, OH	2086:1		
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 59 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>				52	Dickson	3501:1	1744:1	1757	↑Bad ↓Good	1540:1	Guernsey, OH	2084:1		
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 36 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>		47	Henry	2334:1	644:1	1690	↑Bad ↓Good	490:1	Guernsey, OH	1042:1
<a href="#">Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees</a>		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 138 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	Lawrence, OH	1712:1		
		Preventable Hospital Stays		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		66	Anderson	87.53	50.27	37.26	↑Bad ↓Good	54.00	Guernsey, OH	96.44		
		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	Lawrence, OH	105.81		
		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>		88	Giles	82.98%	89.20%	6.22%	↑Good ↓Bad	63.00%	Guernsey, OH	84.23%		
		For every 100 diabetic Medicare enrollees, get 7 additional Medicare enrollees to receive HbA1c screening.										
		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
<a href="#">Percentage of female Medicare enrollees ages 67-69 that receive mammography screening</a>		78	Cumberland	53.00%	71.00%	18.00%	↑Good ↓Bad	63.00%	Guernsey, OH	64.00%		
		For every 100 female Medicare enrollees, get 18 additional Medicare enrollees to receive their mammography screening.										
		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
<a href="#">Percentage of ninth-grade cohort that graduates in four years</a>		11	Tipton	97.00%	98.00%	1.00%	↑Good ↓Bad	82.00%	Guernsey, OH	88.53%		
		For every 100 ninth graders, assist 1 additional ninth graders to graduate within four years.										
		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
<a href="#">Percentage of adults ages 25-44 years with some post-secondary education</a>		32	Shelby	48.22%	62.28%	14.06%	↑Good ↓Bad	64.00%	Guernsey, OH	49.67%		
		For every 100 adults between 25-44 years of age, assist 15 additional adults to complete some coursework at the collegiate level.										
		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
<a href="#">Percentage of population ages 16 and older unemployed but seeking work</a>		70	Robertson	8.77%	5.69%	3.08%	↑Bad ↓Good	6.20%	Guernsey, OH	6.67%		
		For every 100 persons ages 16 years and older, help 4 persons successfully find employment.										
		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
<a href="#">Percentage of children under age 18 in poverty</a>		41	Dickson	27.40%	21.10%	6.30%	↑Bad ↓Good	22.00%	Guernsey, OH	26.40%		
		For every 100 children (under 18 years) in poverty, help 23 children to find assistance to get out of poverty.										
		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
<a href="#">Ratio of household income at the 80th percentile to income at the 20th percentile</a>		58	Houston	4.71	4.11	0.60	↑Bad ↓Good	4.70	Guernsey, OH	4.37		
		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	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
		86	Lawrence	40.90%	23.36%	17.54%	↑Bad ↓Good	34.00%	Guernsey, OH	32.59%
		For every 100 single parent households in the county, investigate ways to encourage 43 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
		76	Johnson	7.84	16.13	8.29	↑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
		86	Carter	615.97	206.33	409.64	↑Bad ↓Good	392.00	Guernsey, OH	141.84
		For every 100 persons in the county, prevent 67 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
		29	Washington	79.57	70.04	9.53	↑Bad ↓Good	60.00	Guernsey, OH	71.10
		For every 1,000 population consider ways to prevent 120 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
		74	Greene	14.15	13.14	1.01	↑Bad ↓Good	11.40	Guernsey, OH	13.73
		Reduce the average daily measure of fine particulate matter by 1.01 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
		12	Unicoi	11.84%	11.70%	0.14%	↑Bad ↓Good	19.00%	Guernsey, OH	12.71%
		For every 100 persons in the county experiencing housing problems, help 2 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
		79	Grundy	87.21%	80.27%	6.95%	↑Bad ↓Good	76.00%	Guernsey, OH	85.38%
		For every 100 persons that currently drive alone to work, convince 8 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
		57	Hamilton	39.20%	25.20%	14.00%	↑Bad ↓Good	31.00%	Guernsey, OH	27.40%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 36 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								