2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING
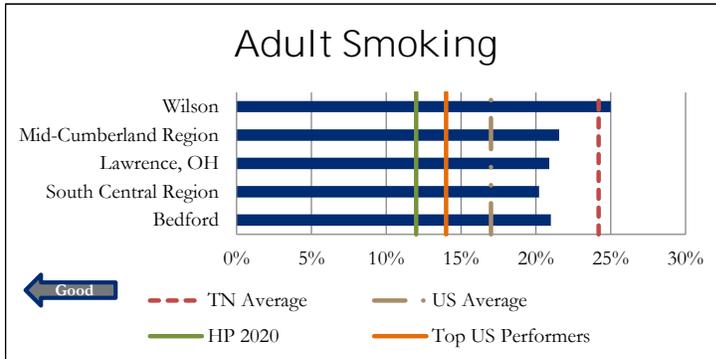
Bedford County

TN Department of
**Health**

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BEDFORD COUNTY
Summary

Demographics

Population:	46,627	**<18 YOA:**	26.22%	**65+ YOA:**	14.37%	**% Rural:**	55.60%
Unemployment:	7.39%	**% Females:**	50.90%	**% Males:**	49.10%	**Graduation Rate:**	89.00%
Single parent households:	37.97%	**MHI:**	$42,252				

Adult Smoking

Wilson, Mid-Cumberland Region, Lawrence, OH, South Central Region, Bedford

0% 5% 10% 15% 20% 25% 30%

Good ⬅

- - - TN Average   · US Average
—— HP 2020   —— Top US Performers

Adult Obesity

Wilson, Mid-Cumberland Region, Lawrence, OH, South Central Region, Bedford

10% 15% 20% 25% 30% 35% 40% 45%

Good ⬅

- - - TN Average   · US Average
—— HP 2020   —— Top US Performers

Physical Inactivity

Wilson, Mid-Cumberland Region, Lawrence, OH, South Central Region, Bedford

10% 15% 20% 25% 30% 35% 40% 45%

Good ⬅

- - - TN Average   · US Average
—— HP 2020   —— Top US Performers

Top Third

Measure	Value
Mammography Screening	65.00%
Income Inequality	4.36
Access to Exercise Opportunities	64.33%
Mental Health Providers	1457:1
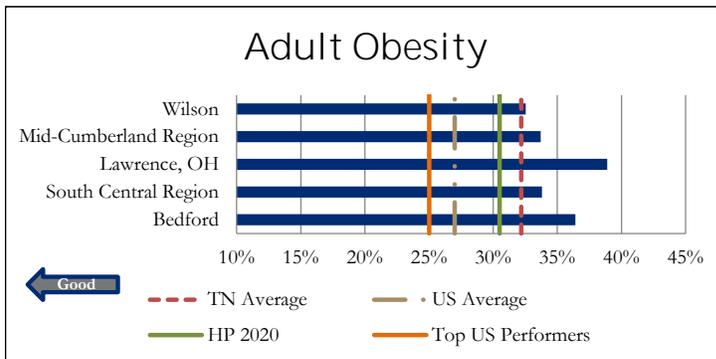
Middle Third

Measure	Value
Driving Alone to Work	83.52%
Injury Deaths	85.95
Premature Death	9288.30
Unemployment	7.39%
Food Environment Index	7.10
Diabetic Monitoring	86.79%
Long Commute - Driving Alone	36.30%
Children in Poverty	28.40%
Violent Crime	362.15
Preventable Hosptial Stays	78.54
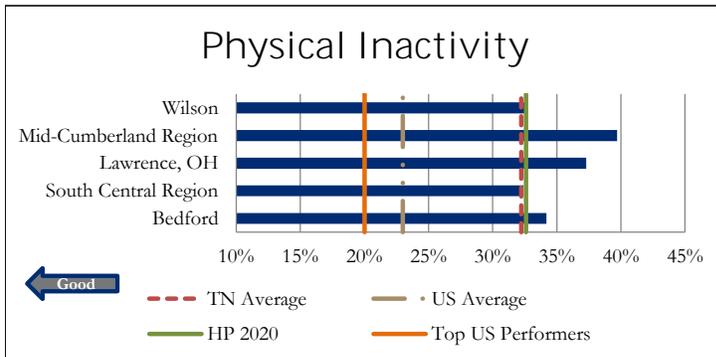
Bottom Third

Measure	Value
Uninsured	21.71%
Poor or Fair Health	26.20%
Physical Inactivity	39.70%
Alcohol-Impaired Driving Deaths	44.44%
Children in Single-Parent Households	37.97%
Adult Smoking	25.00%
Poor Physical Health Days	5.10
Some College	37.88%
Teen Births	56.23
Social Associations	8.93

Tobacco Use   Obesity   Physical Inactivity   Substance Abuse
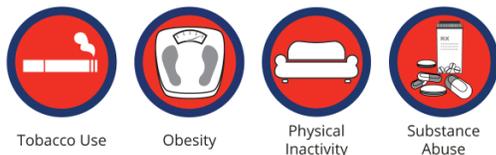
Tennessee's Big 3 + 1

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.

Health Outcomes

Length of Life

Premature Death

Years of potential life lost before age 75 per 100,000 population (age-adjusted)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	38	Knox	9288.30	7735.80	1552.50	↑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

Quality of Life

Poor or Fair Health*

Percentage of adults reporting fair or poor health (age-adjusted)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	88	Rutherford	26.20%	19.60%	6.60%	↑Bad ↓Good	18.00%	Guernsey, OH	18.00%
Improve the health of 7 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%

Poor Physical Health Days*

Average number of physically unhealthy days reported in past 30 days (age-adjusted)

	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	78	Knox	5.10	4.30	0.80	↑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*

Average number of mentally unhealthy days reported in past 30 days (age-adjusted)

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	60	Williamson	4.80	3.80	1.00	↑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

Percentage of live births with low birthweight (< 2500 grams)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	59	Pickett	8.99%	7.24%	1.75%	↑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%

Health Factors

Health Behaviors

Adult Smoking*

Percentage of adults who are current smokers

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	79	Humphreys	25.00%	21.10%	3.90%	↑Bad ↓Good	17.00%	Guernsey, OH	21.00%
Get 16 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

Percentage of adults that report a BMI of 30 or more

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	60	Hamilton	33.70%	29.90%	3.80%	↑Bad ↓Good	27.00%	Guernsey, OH	36.40%
Get 12 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

Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)

	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

Health Factors

Health Behaviors

Physical Inactivity
Percentage of adults aged 20 and over reporting no leisure-time physical activity

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
86	Shelby	39.70%	30.20%	9.50%	↑Bad ↓Good	23.00%	Guernsey, OH	34.20%
Get 24 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%

Access to Exercise Opportunities
Percentage of population with adequate access to locations for physical activity

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
29	Loudon	64.33%	78.48%	14.15%	↑Good ↓Bad	84.00%	Guernsey, OH	48.09%
Consider how to remove barriers to access exercise locations to reach an additional 14.15 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%

Excessive Drinking
Percentage of adults reporting binge or heavy drinking

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
63	Benton	11.80%	10.60%	1.20%	↑Bad ↓Good	17.00%	Guernsey, OH	17.60%
Get 11 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%

Alcohol-Impaired Driving Deaths
Percentage of driving deaths with alcohol involvement

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
85	Sullivan	44.44%	19.17%	25.28%	↑Bad ↓Good	31.00%	Guernsey, OH	30.56%
Reduce the number of alcohol related driving deaths by 25.28 percent.							Randolph, IN	22.22%
Source	Fatality Analysis Reporting System				Year(s)	2010-2014	Lawrence, OH	35.48%

Sexually Transmitted Infections
Number of newly diagnosed chlamydia cases per 100,000 population

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
68	Overton	370.83	153.22	217.61	↑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

Teen Births
Teen birth rate per 1,000 female population, ages 15-19

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
75	Putnam	56.23	34.87	21.36	↑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 38 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

Clinical Care

Uninsured
Percentage of population under age 65 without health insurance

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
94	Cheatham	21.71%	14.54%	7.17%	↑Bad ↓Good	17.00%	Guernsey, OH	14.10%
Get 34 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%

Primary Care Physicians
Ratio of population to primary care physicians

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
58	Coffee	2700:1	1368:1	1332	↑Bad ↓Good	1320:1	Guernsey, OH	2086:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 44 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

Dentists
Ratio of population to dentists

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
57	Dickson	3886:1	1744:1	2142	↑Bad ↓Good	1540:1	Guernsey, OH	2084:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 39 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
Ratio of population to mental health providers

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
29	Henry	1457:1	644:1	813	↑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
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
54	Anderson	78.54	50.27	28.27	↑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.							Randolph, IN	78.71
Source		Dartmouth Atlas of Health Care			Year(s)	2013	Lawrence, OH	105.81

Diabetic Monitoring
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
43	Giles	86.79%	89.20%	2.42%	↑Good ↓Bad	63.00%	Guernsey, OH	84.23%
For every 100 diabetic Medicare enrollees, get 3 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
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
11	Cumberland	65.00%	71.00%	6.00%	↑Good ↓Bad	63.00%	Guernsey, OH	64.00%
For every 100 female Medicare enrollees, get 6 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%

Social & Economic Factors

High School Graduation
Percentage of ninth-grade cohort that graduates in four years

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
57	Tipton	89.00%	98.00%	9.00%	↑Good ↓Bad	82.00%	Guernsey, OH	88.53%
For every 100 ninth graders, assist 9 additional ninth graders to graduate within four years.							Randolph, IN	87.15%
Source		EDFacts			Year(s)	2012-2013	Lawrence, OH	92.20%

Some College
Percentage of adults ages 25-44 years with some post-secondary education

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
76	Shelby	37.88%	62.28%	24.40%	↑Good ↓Bad	64.00%	Guernsey, OH	49.67%
For every 100 adults between 25-44 years of age, assist 25 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
Percentage of population ages 16 and older unemployed but seeking work

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
38	Robertson	7.39%	5.69%	1.70%	↑Bad ↓Good	6.20%	Guernsey, OH	6.67%
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
Percentage of children under age 18 in poverty

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
49	Dickson	28.40%	21.10%	7.30%	↑Bad ↓Good	22.00%	Guernsey, OH	26.40%
For every 100 children (under 18 years) in poverty, help 26 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
Ratio of household income at the 80th percentile to income at the 20th percentile

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
26	Houston	4.36	4.11	0.25	↑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).							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

[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
	83	Lawrence	37.97%	23.36%	14.61%	↑Bad ↓Good	34.00%	Guernsey, OH	32.59%
For every 100 single parent households in the county, investigate ways to encourage 39 households to be a multi-parent household.								Randolph, IN	34.44%
Source		American Community Survey			**Year(s)**		2010-2014	Lawrence, OH	37.01%

Social Associations

[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
	70	Johnson	8.93	16.13	7.20	↑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

Violent Crime

[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
	49	Carter	362.15	206.33	155.82	↑Bad ↓Good	392.00	Guernsey, OH	141.84
For every 100 persons in the county, prevent 44 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

[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
	37	Washington	85.95	70.04	15.91	↑Bad ↓Good	60.00	Guernsey, OH	71.10
For every 1,000 population consider ways to prevent 186 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

Air Pollution - Particulate Matter

[Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)](#)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	65	Greene	13.94	13.14	0.80	↑Bad ↓Good	11.40	Guernsey, OH	13.73
Reduce the average daily measure of fine particulate matter by 0.8 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

[Percentage of population potentially exposed to water exceeding a violation limit during the past year](#)

	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

Severe Housing Problems

[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
	66	Unicoi	14.96%	11.70%	3.26%	↑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%

Driving Alone to Work

[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
	33	Grundy	83.52%	80.27%	3.25%	↑Bad ↓Good	76.00%	Guernsey, OH	85.38%
For every 100 persons that currently drive alone to work, convince 4 to carpool or take mass-transportation.								Randolph, IN	83.75%
Source		American Community Survey			**Year(s)**		2010-2014	Lawrence, OH	89.07%

Long Commute - Driving Alone

[Among workers who commute in their car alone, the percentage that commute more than 30 minutes](#)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	47	Hamilton	36.30%	25.20%	11.10%	↑Bad ↓Good	31.00%	Guernsey, OH	27.40%
For every 100 persons that currently drive more than 30 minutes alone to work, convince 31 to carpool or take mass-transportation.								Randolph, IN	34.00%
Source		American Community Survey			**Year(s)**		2010-2014	Lawrence, OH	29.20%