



2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING

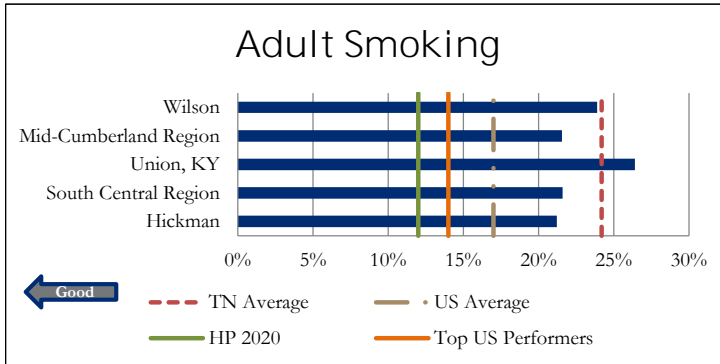
Hickman County

TN

Department of
Health

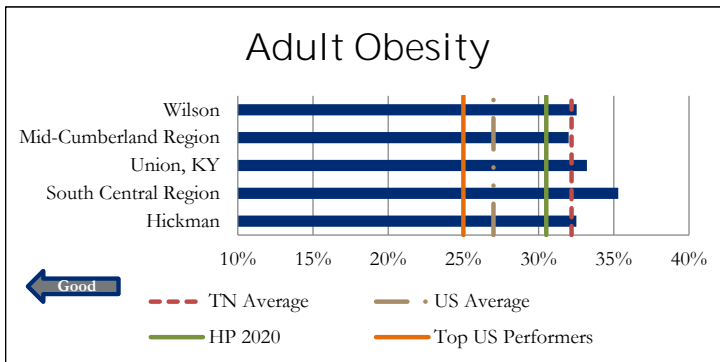
Demographics

Population:	24,384	<18 YOA:	21.83%	65+ YOA:	15.60%	% Rural:	100.00%
Unemployment:	6.63%	% Females:	47.50%	% Males:	52.50%	Graduation Rate:	92.00%
Single parent households:	27.36%	MHI:	\$37,443				



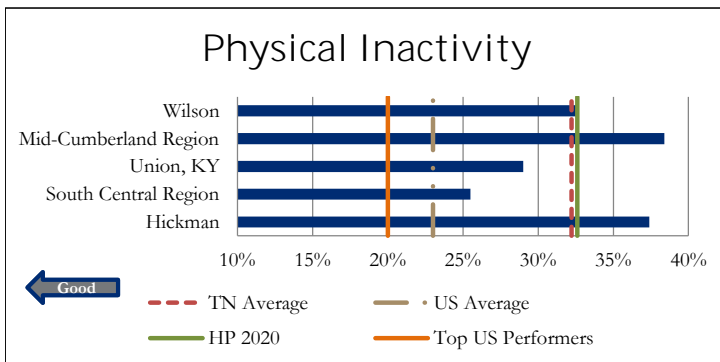
Top Third

Measure	Value
Driving Alone to Work	76.47%
Alcohol-Impaired Driving Deaths	16.67%
Violent Crime	210.21
Children in Single-Parent Households	27.36%
Food Environment Index	7.40
Unemployment	6.63%
Poor Mental Health Days	4.60
Poor Physical Health Days	4.70
Preventable Hospital Stays	67.21



Middle Third

Measure	Value
Poor or Fair Health	21.50%
Sexually Transmitted Infections	244.10
Adult Obesity	32.00%
High School Graduation	92.00%
Premature Death	9669.00
Injury Deaths	91.71
Income Inequality	4.59
Diabetic Monitoring	86.44%
Mental Health Providers	2438:1
Severe Housing Problems	14.31%



Bottom Third

Measure	Value
Social Associations	3.71
Air Pollution - Particulate Matter	14.63
Long Commute - Driving Alone	57.30%
Access to Exercise Opportunities	17.32%
Some College	34.52%
Primary Care Physicians	4853:1
Teen Births	58.78
Excessive Drinking	12.10%
Dentists	4877:1
Mammography Screening	54.00%



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	
		42	Knox	9669.00	7735.80	1933.20	↑Bad ↓Good	6,600.00	Hot Spring, AR	10096.00	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Cooper, MO	7848.20	
		Source		National Center for Health Statistics - Mortality files		Year(s)		2011-2013	Union, KY	9516.10	
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	
		32	Rutherford	21.50%	19.60%	1.90%	↑Bad ↓Good	18.00%	Hot Spring, AR	19.40%	
		Improve the health of 2 out of every 100 people in the county who, in general, report being in poor or fair health.							Cooper, MO	17.00%	
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Union, KY	23.90%	
		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		
	30	Knox	4.70	4.30	0.40	↑Bad ↓Good	3.8	Hot Spring, AR	4.40		
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Cooper, MO	4.10		
	Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Union, KY	5.20		
	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			
26	Williamson	4.60	3.80	0.80	↑Bad ↓Good	2.8	Hot Spring, AR	4.00			
Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Cooper, MO	3.70			
Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Union, KY	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			
65	Pickett	9.20%	7.24%	1.96%	↑Bad ↓Good	8.00%	Hot Spring, AR	8.85%			
Reduce the number of low birth weight babies by 2 for every 100 live births.							Cooper, MO	9.38%			
Source		National Center for Health Statistics - Natality files		Year(s)		2007-2013	Union, KY	10.77%			
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	
		57	Humphreys	23.90%	21.10%	2.80%	↑Bad ↓Good	17.00%	Hot Spring, AR	21.20%	
	Get 12 out of every 100 current adult smokers in the county to quit smoking.							Cooper, MO	21.60%		
	Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Union, KY	26.40%		
	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		
	36	Hamilton	32.00%	29.90%	2.10%	↑Bad ↓Good	27.00%	Hot Spring, AR	32.50%		
Get 7 out of every 100 current obese adults in the county to reduce their BMI below 30.							Cooper, MO	35.30%			
Source		CDC Diabetes Interactive Atlas		Year(s)		2012	Union, KY	33.20%			
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			
21	Cannon	7.40	7.9	0.5	↑Good ↓Bad	7.20	Hot Spring, AR	6.30			
Increase the county's food index score by 0.5.							Cooper, MO	6.80			
Source		USDA Food Environment Atlas, Map the Meal Gap		Year(s)		2013	Union, KY	6.90			
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	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	70	Shelby	38.40%	30.20%	8.20%	↑Bad ↓Good	23.00%	Hot Spring, AR	37.40%
Percentage of adults aged 20 and over reporting no leisure-time physical activity	Get 22 out of every 100 currently physically inactive adults to exercise during leisure time.							Cooper, MO	25.50%
Source	CDC Diabetes Interactive Atlas			Year(s)	2012		Union, KY	29.00%	
Access to Exercise Opportunities	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	88	Loudon	17.32%	78.48%	61.16%	↑Good ↓Bad	84.00%	Hot Spring, AR	35.14%
Percentage of population with adequate access to locations for physical activity	Consider how to remove barriers to access exercise locations to reach an additional 61.16 percent of the county's population.							Cooper, MO	45.07%
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)	2010 & 2014		Union, KY	53.23%	
Excessive Drinking	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	76	Benton	12.10%	10.60%	1.50%	↑Bad ↓Good	17.00%	Hot Spring, AR	15.50%
Percentage of adults reporting binge or heavy drinking	Get 13 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.							Cooper, MO	16.30%
Source	Behavioral Risk Factor Surveillance System			Year(s)	2014		Union, KY	11.60%	
Alcohol-Impaired Driving Deaths	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	7	Hardeman	16.67%	13.04%	3.62%	↑Bad ↓Good	31.00%	Hot Spring, AR	17.46%
Percentage of driving deaths with alcohol involvement	Reduce the number of alcohol related driving deaths by 3.62 percent.							Cooper, MO	20.00%
Source	Fatality Analysis Reporting System			Year(s)	2010-2014		Union, KY	37.50%	
Sexually Transmitted Infections	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	34	Overton	244.10	153.22	90.88	↑Bad ↓Good	446.60	Hot Spring, AR	407.26
Number of newly diagnosed chlamydia cases per 100,000 population	Consider ways to educate 4 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.							Cooper, MO	353.88
Source	National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)	2013		Union, KY	915.82	
Teen Births	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	78	Putnam	58.78	34.87	23.91	↑Bad ↓Good	35.00	Hot Spring, AR	58.26
Teen birth rate per 1,000 female population, ages 15-19	For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 41 teen(s) from becoming pregnant.							Cooper, MO	33.94
Source	National Center for Health Statistics - Natality files			Year(s)	2007-2013		Union, KY	52.87	

Clinical Care

Uninsured	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	65	Cheatham	17.72%	14.54%	3.18%	↑Bad ↓Good	17.00%	Hot Spring, AR	17.74%
Percentage of population under age 65 without health insurance	Get 18 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Cooper, MO	15.19%
Source	Small Area Health Insurance Estimates			Year(s)	2013		Union, KY	16.83%	
Primary Care Physicians	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	79	Coffee	4853:1	1368:1	3485	↑Bad ↓Good	1320:1	Hot Spring, AR	4786:1
Ratio of population to primary care physicians	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 65 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.							Cooper, MO	2521:1
Source	Area Health Resource File/American Medical Association			Year(s)	2013		Union, KY	5010:1	
Dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	74	Dickson	4877:1	1744:1	3133	↑Bad ↓Good	1540:1	Hot Spring, AR	5561:1
Ratio of population to dentists	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 45 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.							Cooper, MO	2931:1
Source	Area Health Resource File/National Provider Identification file			Year(s)	2014		Union, KY	2528:1	

Health Factors	Clinical Care	Mental Health Providers		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Ratio of population to mental health providers		50	Henry	2438:1	644:1	1794	↑Bad ↓Good	490:1	Hot Spring, AR	575:1
		Source		CMS, National Provider Identification file		Year(s)		2015	Union, KY	7583:1		
		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		31	Anderson	67.21	50.27	16.94	↑Bad ↓Good	54.00	Hot Spring, AR	108.12	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	Union, KY	124.22		
		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		48	Giles	86.44%	89.20%	2.76%	↑Good ↓Bad	63.00%	Hot Spring, AR	81.57%	For every 100 diabetic Medicare enrollees, get 3 additional Medicare enrollees to receive HbA1c screening.	
		Source		Dartmouth Atlas of Health Care		Year(s)		2013	Union, KY	84.15%		
		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		74	Cumberland	54.00%	71.00%	17.00%	↑Good ↓Bad	63.00%	Hot Spring, AR	45.00%	For every 100 female Medicare enrollees, get 17 additional Medicare enrollees to receive their mammography screening.	
		Source		Dartmouth Atlas of Health Care		Year(s)		2013	Union, KY	67.00%		
		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		38	Tipton	92.00%	98.00%	6.00%	↑Good ↓Bad	82.00%	Hot Spring, AR	89.71%	For every 100 ninth graders, assist 6 additional ninth graders to graduate within four years.	
		Source		EDFacts		Year(s)		2012-2013	Union, KY	87.50%		
		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		88	Shelby	34.52%	62.28%	27.76%	↑Good ↓Bad	64.00%	Hot Spring, AR	48.21%	For every 100 adults between 25-44 years of age, assist 28 additional adults to complete some coursework at the collegiate level.	
		Source		American Community Survey		Year(s)		2010-2014	Union, KY	52.71%		
		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		24	Robertson	6.63%	5.69%	0.94%	↑Bad ↓Good	6.20%	Hot Spring, AR	5.87%	For every 100 persons ages 16 years and older, help 1 persons successfully find employment.	
		Source		Bureau of Labor Statistics		Year(s)		2014	Union, KY	6.43%		
		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		57	Dickson	29.30%	21.10%	8.20%	↑Bad ↓Good	22.00%	Hot Spring, AR	28.60%	For every 100 children (under 18 years) in poverty, help 28 children to find assistance to get out of poverty.	
		Source		Small Area Income and Poverty Estimates		Year(s)		2014	Union, KY	22.90%		
		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		46	Houston	4.59	4.11	0.48	↑Bad ↓Good	4.70	Hot Spring, AR	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	Union, KY	5.09		

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
		Percentage of children that live in a household headed by single parent	18	Lawrence	27.36%	23.36%	3.99%	↑Bad ↓Good	34.00%	Hot Spring, AR	36.82%
For every 100 single parent households in the county, investigate ways to encourage 15 households to be a multi-parent household.								Cooper, MO	28.47%		
	Source	American Community Survey					Year(s)	2010-2014	Union, KY	37.88%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	93	Johnson	3.71	16.13	12.42	↑Good ↓Bad	9.00	Hot Spring, AR	11.04		
Number of membership associations per 10,000 population	For every 100 people in the county, increase the number of membership associations by 1.								Cooper, MO	13.03	
	Source	County Business Patterns					Year(s)	2013	Union, KY	13.97	
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	12	Carter	210.21	206.33	3.88	↑Bad ↓Good	392.00	Hot Spring, AR	NA		
Number of reported violent crime offenses per 100,000 population	For every 100 persons in the county, prevent 2 people from committing a violent crime.								Cooper, MO	126.51	
	Source	Uniform Crime Reporting - FBI					Year(s)	2010-2012	Union, KY	88.45	
Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	43	Washington	91.71	70.04	21.67	↑Bad ↓Good	60.00	Hot Spring, AR	93.05		
Number of deaths due to injury per 100,000 population	For every 1,000 population consider ways to prevent 237 deaths as a result of intentional and unintentional injury.								Cooper, MO	59.09	
	Source	CDC WONDER mortality data					Year(s)	2009-2013	Union, KY	101.39	
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	90	Greene	14.63	13.14	1.49	↑Bad ↓Good	11.40	Hot Spring, AR	11.61		
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	Reduce the average daily measure of fine particulate matter by 1.49 micrograms per cubic meter (PM2.5).								Cooper, MO	9.81	
	Source	CDC WONDER Environmental data					Year(s)	2011	Union, KY	14.26	
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	Hot Spring, AR	Yes		
Percentage of population potentially exposed to water exceeding a violation limit during the past year	There were no health-based drinking water violations.								Cooper, MO	Yes	
	Source	Safe Drinking Water Information System					Year(s)	FY2013-14	Union, KY	No	
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	54	Unicoi	14.31%	11.70%	2.61%	↑Bad ↓Good	19.00%	Hot Spring, AR	11.70%		
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	For every 100 persons in the county experiencing housing problems, help 19 person(s) to find housing assistance.								Cooper, MO	10.83%	
	Source	Comprehensive Housing Affordability Strategy (CHAS) data					Year(s)	2008-2012	Union, KY	14.23%	
Driving Alone to Work	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	2	Perry	76.47%	75.39%	1.08%	↑Bad ↓Good	76.00%	Hot Spring, AR	84.69%		
Percentage of the workforce that drives alone to work	For every 100 persons that currently drive alone to work, convince 2 to carpool or take mass-transportation.								Cooper, MO	81.77%	
	Source	American Community Survey					Year(s)	2010-2014	Union, KY	84.09%	
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	89	Hamilton	57.30%	25.20%	32.10%	↑Bad ↓Good	31.00%	Hot Spring, AR	43.40%		
Among workers who commute in their car alone, the percentage that commute more than 30 minutes	For every 100 persons that currently drive more than 30 minutes alone to work, convince 57 to carpool or take mass-transportation.								Cooper, MO	35.20%	
	Source	American Community Survey					Year(s)	2010-2014	Union, KY	26.10%	

Social & Economic Factors

Physical Environment