



**2016**

DRIVE YOUR COUNTY TO THE  
**TOP TEN**

INFORMING • CONNECTING • ACCELERATING

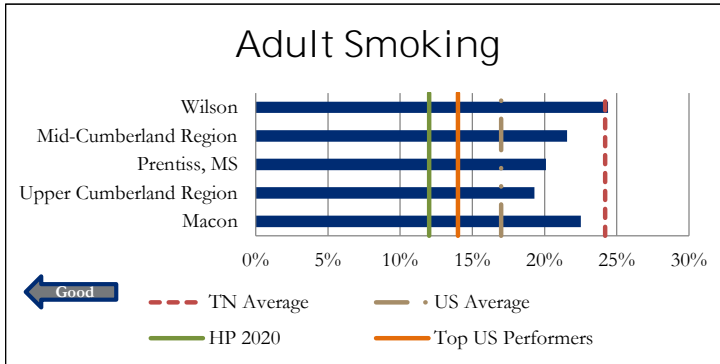
Macon County

**TN**

Department of  
**Health**

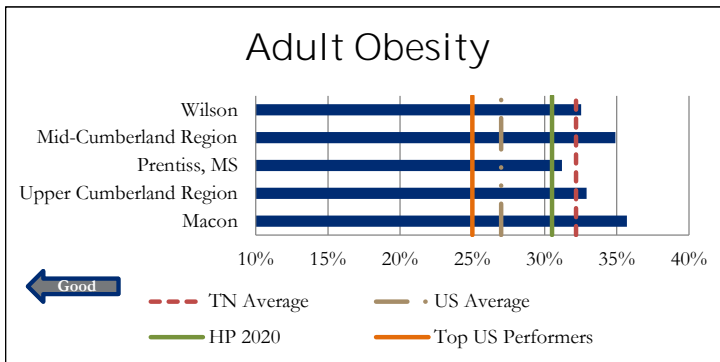
Demographics

<b>Population:</b>	23,003	<b>&lt;18 YOA:</b>	24.57%	<b>65+ YOA:</b>	15.49%	<b>% Rural:</b>	79.60%
<b>Unemployment:</b>	6.50%	<b>% Females:</b>	51.30%	<b>% Males:</b>	48.70%	<b>Graduation Rate:</b>	90.00%
<b>Single parent households:</b>	33.06%	<b>MHI:</b>	\$36,886				



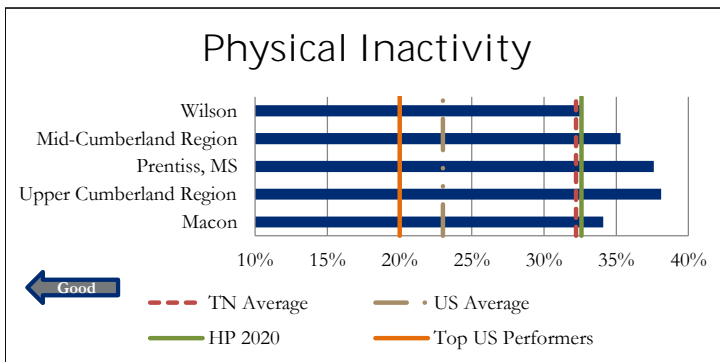
### Top Third

Measure	Value
Alcohol-Impaired Driving Deaths	10.00%
Food Environment Index	7.70
Unemployment	6.50%
Driving Alone to Work	83.02%



### Middle Third

Measure	Value
Income Inequality	4.46
Violent Crime	304.30
Low Birthweight	8.50%
Physical Inactivity	35.30%
Sexually Transmitted Infections	257.80
Severe Housing Problems	13.72%
Excessive Drinking	11.60%
High School Graduation	90.00%
Children in Single-Parent Households	33.06%
Premature Death	10428.60



### Bottom Third

Measure	Value
Teen Births	73.58
Diabetic Monitoring	79.50%
Preventable Hospital Stays	133.60
Social Associations	4.85
Mammography Screening	51.00%
Mental Health Providers	23003:1
Uninsured	19.10%
Injury Deaths	119.60
Primary Care Physicians	5675:1
Dentists	5751:1



### 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.

YOYA: 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	
		59	Knox	10428.60	7735.80	2692.80	↑Bad ↓Good	6,600.00	Starke, IN	11081.90	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Itawamba, MS	10659.20	
		Source		National Center for Health Statistics - Mortality files			Year(s)	2011-2013	Prentiss, MS	10711.20	
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	
		64	Rutherford	23.10%	19.60%	3.50%	↑Bad ↓Good	18.00%	Starke, IN	18.90%	
		Improve the health of 4 out of every 100 people in the county who, in general, report being in poor or fair health.							Itawamba, MS	17.40%	
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Prentiss, MS	19.60%	
		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		
	69	Knox	5.00	4.30	0.70	↑Bad ↓Good	3.8	Starke, IN	4.20		
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Itawamba, MS	3.80		
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Prentiss, MS	4.00		
	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			
60	Williamson	4.80	3.80	1.00	↑Bad ↓Good	2.8	Starke, IN	4.20			
Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Itawamba, MS	3.90			
Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Prentiss, MS	4.00			
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			
37	Pickett	8.50%	7.24%	1.26%	↑Bad ↓Good	8.00%	Starke, IN	6.89%			
Reduce the number of low birth weight babies by 2 for every 100 live births.							Itawamba, MS	9.19%			
Source		National Center for Health Statistics - Natality files			Year(s)	2007-2013	Prentiss, MS	10.72%			
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	
		70	Humphreys	24.40%	21.10%	3.30%	↑Bad ↓Good	17.00%	Starke, IN	22.50%	
	Get 14 out of every 100 current adult smokers in the county to quit smoking.							Itawamba, MS	19.30%		
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Prentiss, MS	20.10%		
	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		
	75	Hamilton	34.90%	29.90%	5.00%	↑Bad ↓Good	27.00%	Starke, IN	35.70%		
Get 15 out of every 100 current obese adults in the county to reduce their BMI below 30.							Itawamba, MS	32.90%			
Source		CDC Diabetes Interactive Atlas			Year(s)	2012	Prentiss, MS	31.20%			
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			
7	Cannon	7.70	7.9	0.2	↑Good ↓Bad	7.20	Starke, IN	7.50			
Increase the county's food index score by 0.2.							Itawamba, MS	7.00			
Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Prentiss, MS	6.50			
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		
<a href="#">Percentage of adults aged 20 and over reporting no leisure-time physical activity</a>		37	Shelby	35.30%	30.20%	5.10%	↑Bad ↓Good	23.00%	Starke, IN	34.10%				
		Get 15 out of every 100 currently physically inactive adults to exercise during leisure time.							Itawamba, MS	38.10%				
		Source		CDC Diabetes Interactive Atlas			Year(s)		2012	Prentiss, MS	37.60%			
<a href="#">Percentage of population with adequate access to locations for physical activity</a>		Access to Exercise Opportunities		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		64	Loudon	39.55%	78.48%	38.94%	↑Good ↓Bad	84.00%	Starke, IN	54.52%				
		Consider how to remove barriers to access exercise locations to reach an additional 38.94 percent of the county's population.							Itawamba, MS	29.24%				
		Source		Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)		2010 & 2014	Prentiss, MS	43.95%			
<a href="#">Percentage of adults reporting binge or heavy drinking</a>		Excessive Drinking		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		52	Benton	11.60%	10.60%	1.00%	↑Bad ↓Good	17.00%	Starke, IN	15.00%				
		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.							Itawamba, MS	15.00%				
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	Prentiss, MS	14.10%			
<a href="#">Percentage of driving deaths with alcohol involvement</a>		Alcohol-Impaired Driving Deaths		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		3	Johnson	10.00%	5.56%	4.44%	↑Bad ↓Good	31.00%	Starke, IN	20.69%				
		Reduce the number of alcohol related driving deaths by 4.44 percent.							Itawamba, MS	6.25%				
		Source		Fatality Analysis Reporting System			Year(s)		2010-2014	Prentiss, MS	40.00%			
<a href="#">Number of newly diagnosed chlamydia cases per 100,000 population</a>		Sexually Transmitted Infections		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		38	Overton	257.80	153.22	104.58	↑Bad ↓Good	446.60	Starke, IN	168.01				
		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.							Itawamba, MS	359.90				
		Source		National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)		2013	Prentiss, MS	244.19			
<a href="#">Teen birth rate per 1,000 female population, ages 15-19</a>		Teen Births		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		94	Putnam	73.58	34.87	38.71	↑Bad ↓Good	35.00	Starke, IN	44.11				
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 53 teen(s) from becoming pregnant.							Itawamba, MS	45.25				
		Source		National Center for Health Statistics - Natality files			Year(s)		2007-2013	Prentiss, MS	64.90			
<a href="#">Percentage of population under age 65 without health insurance</a>		Uninsured		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		85	Cheatham	19.10%	14.54%	4.56%	↑Bad ↓Good	17.00%	Starke, IN	17.08%				
		Get 24 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Itawamba, MS	20.13%				
		Source		Small Area Health Insurance Estimates			Year(s)		2013	Prentiss, MS	21.46%			
<a href="#">Ratio of population to primary care physicians</a>		Primary Care Physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		83	Coffee	5675:1	1368:1	4307	↑Bad ↓Good	1320:1	Starke, IN	2900:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 68 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.							Itawamba, MS	3906:1				
		Source		Area Health Resource File/American Medical Association			Year(s)		2013	Prentiss, MS	1953:1			
<a href="#">Ratio of population to dentists</a>		Dentists		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		79	Dickson	5751:1	1744:1	4007	↑Bad ↓Good	1540:1	Starke, IN	11537:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 49 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.							Itawamba, MS	5882:1				
		Source		Area Health Resource File/National Provider Identification file			Year(s)		2014	Prentiss, MS	2543:1			



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>	86	Henry	23003:1	644:1	22359	↑Bad ↓Good	490:1	Starke, IN	7691:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 185 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.								Itawamba, MS	5882:1		
	Source	CMS, National Provider Identification file			Year(s)	2015		Prentiss, MS	1695:1		
Preventable Hospital Stays	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	90	Anderson	133.60	50.27	83.33	↑Bad ↓Good	54.00	Starke, IN	91.32		
<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.								Itawamba, MS	57.65	
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Prentiss, MS	82.34		
Diabetic Monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	92	Giles	79.50%	89.20%	9.71%	↑Good ↓Bad	63.00%	Starke, IN	84.79%		
<a href="#">Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring</a>	For every 100 diabetic Medicare enrollees, get 10 additional Medicare enrollees to receive HbA1c screening.								Itawamba, MS	89.27%	
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Prentiss, MS	87.22%		
Mammography Screening	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	87	Cumberland	51.00%	71.00%	20.00%	↑Good ↓Bad	63.00%	Starke, IN	42.00%		
<a href="#">Percentage of female Medicare enrollees ages 67-69 that receive mammography screening</a>	For every 100 female Medicare enrollees, get 20 additional Medicare enrollees to receive their mammography screening.								Itawamba, MS	58.00%	
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Prentiss, MS	48.00%		
High School Graduation	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	52	Tipton	90.00%	98.00%	8.00%	↑Good ↓Bad	82.00%	Starke, IN	87.11%		
<a href="#">Percentage of ninth-grade cohort that graduates in four years</a>	For every 100 ninth graders, assist 8 additional ninth graders to graduate within four years.								Itawamba, MS	82.00%	
	Source	EDFacts			Year(s)	2012-2013		Prentiss, MS	83.83%		
Some College	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	73	Shelby	38.43%	62.28%	23.85%	↑Good ↓Bad	64.00%	Starke, IN	50.40%		
<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 24 additional adults to complete some coursework at the collegiate level.								Itawamba, MS	52.09%	
	Source	American Community Survey			Year(s)	2010-2014		Prentiss, MS	48.01%		
Unemployment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	23	Robertson	6.50%	5.69%	0.81%	↑Bad ↓Good	6.20%	Starke, IN	7.43%		
<a href="#">Percentage of population ages 16 and older unemployed but seeking work</a>	For every 100 persons ages 16 years and older, help 1 persons successfully find employment.								Itawamba, MS	7.43%	
	Source	Bureau of Labor Statistics			Year(s)	2014		Prentiss, MS	7.86%		
Children in Poverty	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	59	Dickson	29.40%	21.10%	8.30%	↑Bad ↓Good	22.00%	Starke, IN	23.60%		
<a href="#">Percentage of children under age 18 in poverty</a>	For every 100 children (under 18 years) in poverty, help 29 children to find assistance to get out of poverty.								Itawamba, MS	23.80%	
	Source	Small Area Income and Poverty Estimates			Year(s)	2014		Prentiss, MS	29.90%		
Income Inequality	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	33	Houston	4.46	4.11	0.35	↑Bad ↓Good	4.70	Starke, IN	3.81		
<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).								Itawamba, MS	4.56	
	Source	American Community Survey			Year(s)	2010-2014		Prentiss, MS	4.43		

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
		54	Lawrence	33.06%	23.36%	9.69%	↑Bad ↓Good	34.00%	Starke, IN	30.76%
		For every 100 single parent households in the county, investigate ways to encourage 30 households to be a multi-parent household.							Itawamba, MS	25.91%
		Source		American Community Survey		Year(s)		2010-2014	Prentiss, MS	35.96%
		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
		90	Johnson	4.85	16.13	11.29	↑Good ↓Bad	9.00	Starke, IN	11.64
		For every 100 people in the county, increase the number of membership associations by 1.							Itawamba, MS	10.24
		Source		County Business Patterns		Year(s)		2013	Prentiss, MS	10.63
		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
		34	Carter	304.30	206.33	97.97	↑Bad ↓Good	392.00	Starke, IN	178.27
		For every 100 persons in the county, prevent 33 people from committing a violent crime.							Itawamba, MS	121.61
		Source		Uniform Crime Reporting - FBI		Year(s)		2010-2012	Prentiss, MS	NA
		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
		85	Washington	119.60	70.04	49.56	↑Bad ↓Good	60.00	Starke, IN	105.75
		For every 1,000 population consider ways to prevent 415 deaths as a result of intentional and unintentional injury.							Itawamba, MS	111.27
		Source		CDC WONDER mortality data		Year(s)		2009-2013	Prentiss, MS	85.87
		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
		68	Greene	13.98	13.14	0.84	↑Bad ↓Good	11.40	Starke, IN	13.21
		Reduce the average daily measure of fine particulate matter by 0.84 micrograms per cubic meter (PM2.5).							Itawamba, MS	12.16
		Source		CDC WONDER Environmental data		Year(s)		2011	Prentiss, MS	12.52
		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	Starke, IN	No
		There were no health-based drinking water violations.							Itawamba, MS	No
		Source		Safe Drinking Water Information System		Year(s)		FY2013-14	Prentiss, MS	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
		45	Unicoi	13.72%	11.70%	2.02%	↑Bad ↓Good	19.00%	Starke, IN	15.04%
		For every 100 persons in the county experiencing housing problems, help 15 person(s) to find housing assistance.							Itawamba, MS	9.44%
		Source		Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2008-2012	Prentiss, MS	12.92%
		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
		26	Grundy	83.02%	80.27%	2.76%	↑Bad ↓Good	76.00%	Starke, IN	81.49%
		For every 100 persons that currently drive alone to work, convince 4 to carpool or take mass-transportation.							Itawamba, MS	88.28%
		Source		American Community Survey		Year(s)		2010-2014	Prentiss, MS	83.56%
		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
		76	Hamilton	46.70%	25.20%	21.50%	↑Bad ↓Good	31.00%	Starke, IN	41.10%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 47 to carpool or take mass-transportation.							Itawamba, MS	36.50%
		Source		American Community Survey		Year(s)		2010-2014	Prentiss, MS	34.30%
		Among workers who commute in their car alone, the percentage that commute more than 30 minutes								