



2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING

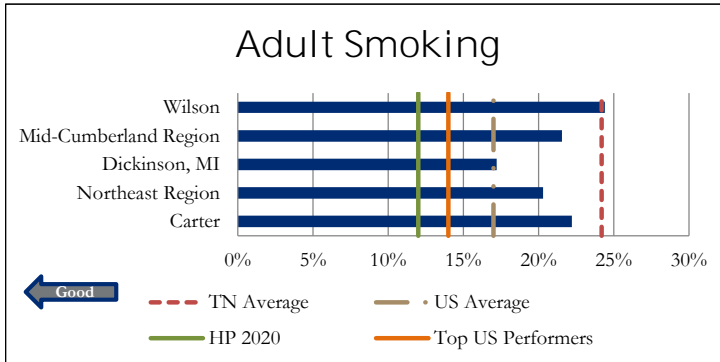
Carter County

TN

Department of
Health

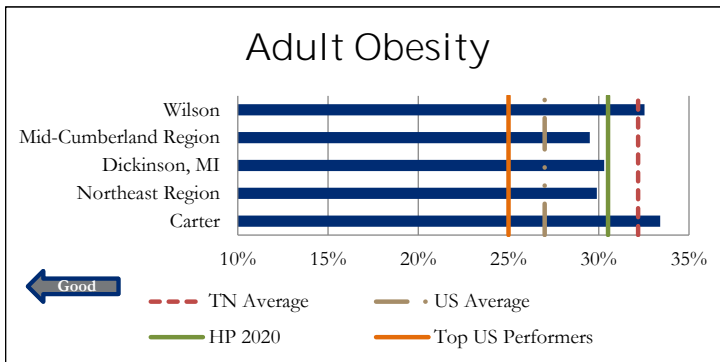
Demographics

Population:	56,886	<18 YOA:	19.08%	65+ YOA:	19.73%	% Rural:	41.00%
Unemployment:	7.61%	% Females:	51.00%	% Males:	49.00%	Graduation Rate:	92.06%
Single parent households:	31.78%	MHI:	\$34,354				



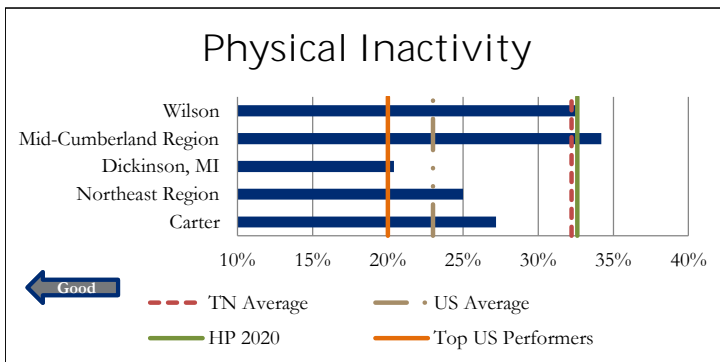
Top Third

Measure	Value
Air Pollution - Particulate Matter	13.03
Access to Exercise Opportunities	81.68%
Adult Obesity	29.50%
Violent Crime	206.33
Excessive Drinking	10.70%
Sexually Transmitted Infections	190.04
Social Associations	14.30
Premature Death	8725.70
Injury Deaths	78.06
Physical Inactivity	34.20%



Middle Third

Measure	Value
Preventable Hospital Stays	67.53
Alcohol-Impaired Driving Deaths	27.03%
High School Graduation	92.06%
Driving Alone to Work	83.89%
Teen Births	45.89
Unemployment	7.61%
Children in Single-Parent Households	31.78%
Dentists	3346:1
Income Inequality	4.63
Severe Housing Problems	14.00%



Bottom Third

Measure	Value
Food Environment Index	5.90
Children in Poverty	33.20%
Poor Mental Health Days	4.90
Low Birthweight	9.65%
Adult Smoking	24.40%
Poor Physical Health Days	5.00
Uninsured	17.75%
Diabetic Monitoring	85.41%



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	
		25	Knox	8725.70	7735.80	989.90	↑Bad ↓Good	6,600.00	Mercer, PA	7414.50	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Lycoming, PA	6628.50	
		Source		National Center for Health Statistics - Mortality files			Year(s)	2011-2013	Dickinson, MI	6979.90	
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	
		60	Rutherford	22.80%	19.60%	3.20%	↑Bad ↓Good	18.00%	Mercer, PA	14.80%	
		Improve the health of 4 out of every 100 people in the county who, in general, report being in poor or fair health.							Lycoming, PA	13.80%	
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	12.30%	
		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		
	69	Knox	5.00	4.30	0.70	↑Bad ↓Good	3.8	Mercer, PA	3.70		
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Lycoming, PA	3.50		
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	3.40		
	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			
76	Williamson	4.90	3.80	1.10	↑Bad ↓Good	2.8	Mercer, PA	4.00			
Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.							Lycoming, PA	3.90			
Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	3.60			
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			
75	Pickett	9.65%	7.24%	2.41%	↑Bad ↓Good	8.00%	Mercer, PA	7.88%			
Reduce the number of low birth weight babies by 3 for every 100 live births.							Lycoming, PA	7.35%			
Source		National Center for Health Statistics - Natality files			Year(s)	2007-2013	Dickinson, MI	8.38%			
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%	Mercer, PA	22.20%	
	Get 14 out of every 100 current adult smokers in the county to quit smoking.							Lycoming, PA	20.30%		
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	17.20%		
	Percentage of adults who are current smokers										
			Adult Obesity								
	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	8	Knox	29.50%	28.70%	0.80%	↑Bad ↓Good	27.00%	Mercer, PA	33.40%		
Get 3 out of every 100 current obese adults in the county to reduce their BMI below 30.							Lycoming, PA	29.90%			
Source		CDC Diabetes Interactive Atlas			Year(s)	2012	Dickinson, MI	30.30%			
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			
90	Cannon	5.90	7.9	2	↑Good ↓Bad	7.20	Mercer, PA	7.50			
Increase the county's food index score by 2.							Lycoming, PA	7.20			
Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Dickinson, MI	7.30			
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 Behaviors								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Physical Inactivity Percentage of adults aged 20 and over reporting no leisure-time physical activity	28	Shelby	34.20%	30.20%	4.00%	↑Bad ↓Good	23.00%	Mercer, PA	27.20%	
	Get 12 out of every 100 currently physically inactive adults to exercise during leisure time.							Lycoming, PA	25.00%	
	Source			CDC Diabetes Interactive Atlas			Year(s)	2012	Dickinson, MI	20.40%
	Access to Exercise Opportunities Percentage of population with adequate access to locations for physical activity		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County
6	Sevier	81.68%	82.47%	0.78%	↑Good ↓Bad	84.00%	Mercer, PA	84.52%		
Consider how to remove barriers to access exercise locations to reach an additional 0.78 percent of the county's population.							Lycoming, PA	75.21%		
Source			Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)	2010 & 2014	Dickinson, MI	90.50%	
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	
	12	Benton	10.70%	10.60%	0.10%	↑Bad ↓Good	17.00%	Mercer, PA	16.40%	
	Get 1 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.							Lycoming, PA	17.50%	
Source			Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	19.30%	
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	
	36	Sullivan	27.03%	19.17%	7.86%	↑Bad ↓Good	31.00%	Mercer, PA	32.26%	
	Reduce the number of alcohol related driving deaths by 7.86 percent.							Lycoming, PA	42.86%	
Source			Fatality Analysis Reporting System			Year(s)	2010-2014	Dickinson, MI	75.00%	
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	
	17	Overton	190.04	153.22	36.82	↑Bad ↓Good	446.60	Mercer, PA	366.61	
	Consider ways to educate 2 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.							Lycoming, PA	366.14	
Source			National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)	2013	Dickinson, MI	183.07	
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	
	38	Putnam	45.89	34.87	11.02	↑Bad ↓Good	35.00	Mercer, PA	26.39	
	For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 25 teen(s) from becoming pregnant.							Lycoming, PA	32.65	
Source			National Center for Health Statistics - Natality files			Year(s)	2007-2013	Dickinson, MI	23.67	
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	
	67	Cheatham	17.75%	14.54%	3.21%	↑Bad ↓Good	17.00%	Mercer, PA	11.49%	
	Get 19 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Lycoming, PA	11.33%	
	Source			Small Area Health Insurance Estimates			Year(s)	2013	Dickinson, MI	12.30%
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	
	55	Coffee	2606:1	1368:1	1238	↑Bad ↓Good	1320:1	Mercer, PA	1355:1	
	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 43 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.							Lycoming, PA	1390:1	
Source			Area Health Resource File/American Medical Association			Year(s)	2013	Dickinson, MI	1135:1	
Dentists Ratio of population to dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
	46	Dickson	3346:1	1744:1	1602	↑Bad ↓Good	1540:1	Mercer, PA	1915:1	
	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 34 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.							Lycoming, PA	2330:1	
Source			Area Health Resource File/National Provider Identification file			Year(s)	2014	Dickinson, MI	1082:1	

Health Factors

Health Behaviors

Clinical Care

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
				45	Lawrence	31.78%	23.36%	8.42%	↑Bad ↓Good	34.00%		Mercer, PA
		Percentage of children that live in a household headed by single parent For every 100 single parent households in the county, investigate ways to encourage 27 households to be a multi-parent household.									Lycoming, PA	35.42%
		Source			American Community Survey			Year(s)		2010-2014	Dickinson, MI	29.79%
		Social Associations		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				22	Johnson	14.30	16.13	1.83	↑Good ↓Bad	9.00		Mercer, PA
		Number of membership associations per 10,000 population For every 100 people in the county, increase the number of membership associations by 1.									Lycoming, PA	16.62
		Source			County Business Patterns			Year(s)		2013	Dickinson, MI	18.78
		Violent Crime		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				10	Grainger	206.33	144.58	61.75	↑Bad ↓Good	392.00		Mercer, PA
		Number of reported violent crime offenses per 100,000 population For every 100 persons in the county, prevent 30 people from committing a violent crime.									Lycoming, PA	176.81
		Source			Uniform Crime Reporting - FBI			Year(s)		2010-2012	Dickinson, MI	NA
		Injury Deaths		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				25	Washington	78.06	70.04	8.03	↑Bad ↓Good	60.00		Mercer, PA
		Number of deaths due to injury per 100,000 population For every 1,000 population consider ways to prevent 103 deaths as a result of intentional and unintentional injury.									Lycoming, PA	57.65
		Source			CDC WONDER mortality data			Year(s)		2009-2013	Dickinson, MI	79.37
		Air Pollution - Particulate Matter		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				4	Shelby	13.03	12.83	0.20	↑Bad ↓Good	11.40		Mercer, PA
		Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5) Reduce the average daily measure of fine particulate matter by 0.2 micrograms per cubic meter (PM2.5).									Lycoming, PA	12.51
		Source			CDC WONDER Environmental data			Year(s)		2011	Dickinson, MI	10.38
		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		Mercer, PA
		Percentage of population potentially exposed to water exceeding a violation limit during the past year There were no health-based drinking water violations.									Lycoming, PA	Yes
		Source			Safe Drinking Water Information System			Year(s)		FY2013-14	Dickinson, MI	No
		Severe Housing Problems		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				48	Unicoi	14.00%	11.70%	2.30%	↑Bad ↓Good	19.00%		Mercer, PA
		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 17 person(s) to find housing assistance.									Lycoming, PA	13.59%
		Source			Comprehensive Housing Affordability Strategy (CHAS) data			Year(s)		2008-2012	Dickinson, MI	10.38%
		Driving Alone to Work		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				37	Grundy	83.89%	80.27%	3.62%	↑Bad ↓Good	76.00%		Mercer, PA
		Percentage of the workforce that drives alone to work For every 100 persons that currently drive alone to work, convince 5 to carpool or take mass-transportation.									Lycoming, PA	81.95%
		Source			American Community Survey			Year(s)		2010-2014	Dickinson, MI	84.88%
		Long Commute - Driving Alone		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				30	Hamilton	30.00%	25.20%	4.80%	↑Bad ↓Good	31.00%		Mercer, PA
		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 16 to carpool or take mass-transportation.									Lycoming, PA	20.10%
		Source			American Community Survey			Year(s)		2010-2014	Dickinson, MI	10.70%