



2016

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TOP TEN

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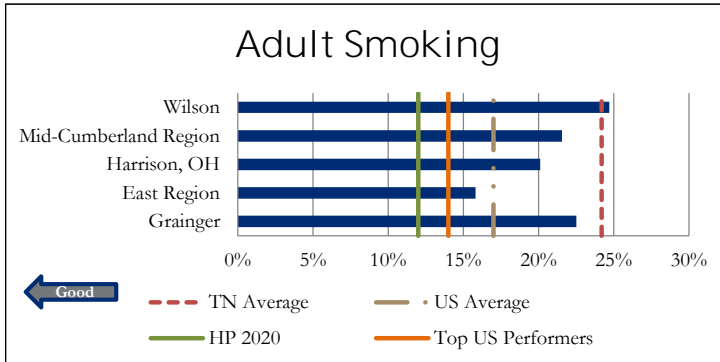
Grainger County

TN

Department of
Health

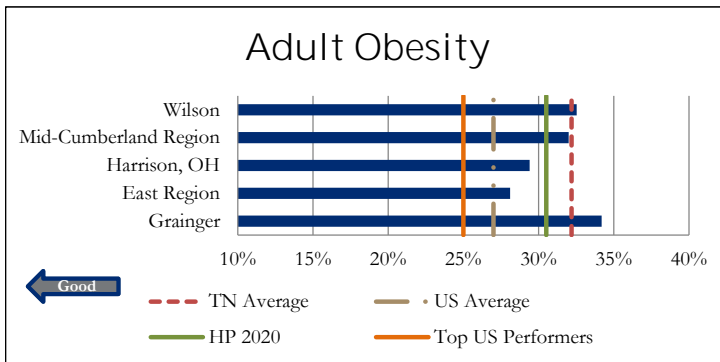
Demographics

Population:	22,864	<18 YOA:	21.09%	65+ YOA:	18.45%	% Rural:	100.00%
Unemployment:	8.20%	% Females:	49.80%	% Males:	50.20%	Graduation Rate:	89.00%
Single parent households:	21.60%	MHI:	\$35,704				



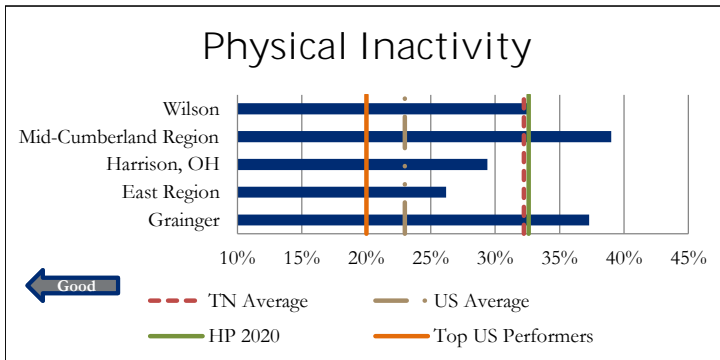
Top Third

Measure	Value
Children in Single-Parent Households	21.60%
Violent Crime	144.58
Sexually Transmitted Infections	149.74
Diabetic Monitoring	89.19%
Income Inequality	4.18
Food Environment Index	7.60
Air Pollution - Particulate Matter	13.20
Severe Housing Problems	12.17%
Driving Alone to Work	82.97%



Middle Third

Measure	Value
Excessive Drinking	11.20%
Adult Obesity	32.00%
Teen Births	50.09
Unemployment	8.20%
High School Graduation	89.00%
Preventable Hospital Stays	79.20
Poor Mental Health Days	4.80
Mammography Screening	57.00%



Bottom Third

Measure	Value
Alcohol-Impaired Driving Deaths	51.43%
Long Commute - Driving Alone	57.50%
Premature Death	12231.20
Dentists	7621:1
Physical Inactivity	39.00%
Uninsured	18.21%
Primary Care Physicians	4540:1
Adult Smoking	24.70%
Some College	38.05%
Low Birthweight	9.62%



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
		87	Knox	12231.20	7735.80	4495.40	↑Bad ↓Good	6,600.00	Tyler, WV	8382.20
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							White, GA	7359.00
		Source		National Center for Health Statistics - Mortality files			Year(s)	2011-2013	Harrison, OH	8646.00
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
		71	Rutherford	23.40%	19.60%	3.80%	↑Bad ↓Good	18.00%	Tyler, WV	20.20%
		Improve the health of 4 out of every 100 people in the county who, in general, report being in poor or fair health.							White, GA	15.50%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Harrison, OH	16.90%
		Percentage of adults reporting fair or poor health (age-adjusted)								
	Quality of Life	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	Tyler, WV	4.70
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							White, GA	3.80
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Harrison, OH	3.90
		Average number of physically unhealthy days reported in past 30 days (age-adjusted)								
Quality of Life	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	Tyler, WV	4.60	
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							White, GA	3.90	
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Harrison, OH	4.10	
	Average number of mentally unhealthy days reported in past 30 days (age-adjusted)									
Quality of Life	Low Birthweight									
	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
	74	Pickett	9.62%	7.24%	2.38%	↑Bad ↓Good	8.00%	Tyler, WV	8.70%	
	Reduce the number of low birth weight babies by 3 for every 100 live births.							White, GA	6.66%	
	Source		National Center for Health Statistics - Natality files			Year(s)	2007-2013	Harrison, OH	7.54%	
	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
		76	Humphreys	24.70%	21.10%	3.60%	↑Bad ↓Good	17.00%	Tyler, WV	22.50%
		Get 15 out of every 100 current adult smokers in the county to quit smoking.							White, GA	15.80%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Harrison, OH	20.10%
		Percentage of adults who are current smokers								
	Health Behaviors	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%	Tyler, WV	34.20%
		Get 7 out of every 100 current obese adults in the county to reduce their BMI below 30.							White, GA	28.10%
		Source		CDC Diabetes Interactive Atlas			Year(s)	2012	Harrison, OH	29.40%
		Percentage of adults that report a BMI of 30 or more								
Health Behaviors	Food Environment Index									
	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
	14	Cannon	7.60	7.9	0.3	↑Good ↓Bad	7.20	Tyler, WV	7.70	
	Increase the county's food index score by 0.3.							White, GA	7.80	
Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Harrison, OH	7.60		
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	Year(s)		
		79	Shelby	39.00%	30.20%	8.80%	↑Bad ↓Good	23.00%		Tyler, WV	37.30%
		Get 23 out of every 100 currently physically inactive adults to exercise during leisure time.								White, GA	26.20%
		Source CDC Diabetes Interactive Atlas						Year(s)	2012	Harrison, OH	29.40%
		Access to Exercise Opportunities								Peer County	Peer Value
		68	Loudon	35.56%	78.48%	42.92%	↑Good ↓Bad	84.00%		Tyler, WV	64.60%
		Consider how to remove barriers to access exercise locations to reach an additional 42.92 percent of the county's population.								White, GA	95.04%
		Source Business Analyst, Delorme, ESRI, & US Census Tigerline Files						Year(s)	2010 & 2014	Harrison, OH	53.66%
		Excessive Drinking								Peer County	Peer Value
		35	Benton	11.20%	10.60%	0.60%	↑Bad ↓Good	17.00%		Tyler, WV	11.30%
		Get 6 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.								White, GA	15.20%
		Source Behavioral Risk Factor Surveillance System						Year(s)	2014	Harrison, OH	16.30%
		Alcohol-Impaired Driving Deaths								Peer County	Peer Value
		90	Sullivan	51.43%	19.17%	32.26%	↑Bad ↓Good	31.00%		Tyler, WV	33.33%
		Reduce the number of alcohol related driving deaths by 32.26 percent.								White, GA	29.17%
		Source Fatality Analysis Reporting System						Year(s)	2010-2014	Harrison, OH	20.00%
		Sexually Transmitted Infections								Peer County	Peer Value
		9	Moore	149.74	126.20	23.54	↑Bad ↓Good	446.60		Tyler, WV	132.79
		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.								White, GA	112.50
		Source National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention						Year(s)	2013	Harrison, OH	210.00
		Teen Births								Peer County	Peer Value
		50	Putnam	50.09	34.87	15.22	↑Bad ↓Good	35.00		Tyler, WV	45.88
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 31 teen(s) from becoming pregnant.								White, GA	31.79
		Source National Center for Health Statistics - Natality files						Year(s)	2007-2013	Harrison, OH	45.06
		Uninsured								Peer County	Peer Value
		77	Cheatham	18.21%	14.54%	3.67%	↑Bad ↓Good	17.00%		Tyler, WV	18.02%
		Get 21 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.								White, GA	21.64%
		Source Small Area Health Insurance Estimates						Year(s)	2013	Harrison, OH	14.01%
		Primary Care Physicians								Peer County	Peer Value
		77	Coffee	4540:1	1368:1	3172	↑Bad ↓Good	1320:1		Tyler, WV	1499:1
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 63 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.								White, GA	3971:1
		Source Area Health Resource File/American Medical Association						Year(s)	2013	Harrison, OH	3906:1
		Dentists								Peer County	Peer Value
		82	Dickson	7621:1	1744:1	5877	↑Bad ↓Good	1540:1		Tyler, WV	9098:1
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 54 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.								White, GA	3108:1
		Source Area Health Resource File/National Provider Identification file						Year(s)	2014	Harrison, OH	7772:1

Health Factors		Clinical Care		Mental Health Providers		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				65	Henry	3811:1	644:1	3167	↑Bad ↓Good	490:1	Tyler, WV	4549:1		
				Ratio of population to mental health providers		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 158 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.							White, GA	1554:1
				Source		CMS, National Provider Identification file		Year(s)		2015		Harrison, OH		3109:1
		Preventable Hospital Stays		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				58	Anderson	79.20	50.27	28.93	↑Bad ↓Good	54.00	Tyler, WV	78.84		
				Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees		For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.							White, GA	45.44
				Source		Dartmouth Atlas of Health Care		Year(s)		2013		Harrison, OH		92.95
		Diabetic Monitoring		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				11	Giles	89.19%	89.20%	0.02%	↑Good ↓Bad	63.00%	Tyler, WV	89.92%		
				Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring		For every 100 diabetic Medicare enrollees, get 1 additional Medicare enrollees to receive HbA1c screening.							White, GA	88.82%
				Source		Dartmouth Atlas of Health Care		Year(s)		2013		Harrison, OH		75.83%
		Mammography Screening		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				62	Cumberland	57.00%	71.00%	14.00%	↑Good ↓Bad	63.00%	Tyler, WV	71.00%		
				Percentage of female Medicare enrollees ages 67-69 that receive mammography screening		For every 100 female Medicare enrollees, get 14 additional Medicare enrollees to receive their mammography screening.							White, GA	67.00%
				Source		Dartmouth Atlas of Health Care		Year(s)		2013		Harrison, OH		50.00%
		High School Graduation		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%	Tyler, WV	87.50%		
				Percentage of ninth-grade cohort that graduates in four years		For every 100 ninth graders, assist 9 additional ninth graders to graduate within four years.							White, GA	42.33%
				Source		EDFacts		Year(s)		2012-2013		Harrison, OH		82.50%
		Some College		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				75	Shelby	38.05%	62.28%	24.23%	↑Good ↓Bad	64.00%	Tyler, WV	45.12%		
				Percentage of adults ages 25-44 years with some post-secondary education		For every 100 adults between 25-44 years of age, assist 25 additional adults to complete some coursework at the collegiate level.							White, GA	49.78%
				Source		American Community Survey		Year(s)		2010-2014		Harrison, OH		52.05%
		Unemployment		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				56	Robertson	8.20%	5.69%	2.51%	↑Bad ↓Good	6.20%	Tyler, WV	8.93%		
				Percentage of population ages 16 and older unemployed but seeking work		For every 100 persons ages 16 years and older, help 3 persons successfully find employment.							White, GA	6.31%
				Source		Bureau of Labor Statistics		Year(s)		2014		Harrison, OH		5.95%
		Children in Poverty		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				70	Dickson	31.40%	21.10%	10.30%	↑Bad ↓Good	22.00%	Tyler, WV	23.60%		
				Percentage of children under age 18 in poverty		For every 100 children (under 18 years) in poverty, help 33 children to find assistance to get out of poverty.							White, GA	27.00%
				Source		Small Area Income and Poverty Estimates		Year(s)		2014		Harrison, OH		25.60%
		Income Inequality		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				12	Houston	4.18	4.11	0.07	↑Bad ↓Good	4.70	Tyler, WV	4.46		
				Ratio of household income at the 80th percentile to income at the 20th percentile		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).							White, GA	4.06
				Source		American Community Survey		Year(s)		2010-2014		Harrison, OH		4.21

Health Factors	Social & Economic Factors	Children in Single-Parent Households								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		5	Williamson	21.60%	14.79%	6.80%	↑Bad ↓Good	34.00%	Tyler, WV	23.60%
		For every 100 single parent households in the county, investigate ways to encourage 32 households to be a multi-parent household.							White, GA	39.13%
		Source		American Community Survey		Year(s)		2010-2014	Harrison, OH	30.38%
		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
		65	Johnson	9.25	16.13	6.88	↑Good ↓Bad	9.00	Tyler, WV	15.56
		For every 100 people in the county, increase the number of membership associations by 1.							White, GA	10.07
		Source		County Business Patterns		Year(s)		2013	Harrison, OH	17.92
		Number of membership associations per 10,000 population								
Health Factors	Social & Economic Factors	Violent Crime								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		5	Moore	144.58	57.16	87.43	↑Bad ↓Good	392.00	Tyler, WV	174.23
		For every 100 persons in the county, prevent 61 people from committing a violent crime.							White, GA	220.17
		Source		Uniform Crime Reporting - FBI		Year(s)		2010-2012	Harrison, OH	79.45
		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
		67	Washington	103.23	70.04	33.19	↑Bad ↓Good	60.00	Tyler, WV	76.74
		For every 1,000 population consider ways to prevent 322 deaths as a result of intentional and unintentional injury.							White, GA	73.87
		Source		CDC WONDER mortality data		Year(s)		2009-2013	Harrison, OH	72.23
		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
		14	Greene	13.20	13.14	0.06	↑Bad ↓Good	11.40	Tyler, WV	13.5
		Reduce the average daily measure of fine particulate matter by 0.06 micrograms per cubic meter (PM2.5).							White, GA	13.38
		Source		CDC WONDER Environmental data		Year(s)		2011	Harrison, OH	13.93
		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	Tyler, WV	No
		There were no health-based drinking water violations.							White, GA	Yes
		Source		Safe Drinking Water Information System		Year(s)		FY2013-14	Harrison, OH	Yes
		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
		16	Unicoi	12.17%	11.70%	0.46%	↑Bad ↓Good	19.00%	Tyler, WV	9.90%
		For every 100 persons in the county experiencing housing problems, help 4 person(s) to find housing assistance.							White, GA	17.19%
		Source		Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2008-2012	Harrison, OH	14.07%
		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
		24	Grundy	82.97%	80.27%	2.70%	↑Bad ↓Good	76.00%	Tyler, WV	81.55%
		For every 100 persons that currently drive alone to work, convince 4 to carpool or take mass-transportation.							White, GA	83.73%
		Source		American Community Survey		Year(s)		2010-2014	Harrison, OH	83.65%
		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
		90	Hamilton	57.50%	25.20%	32.30%	↑Bad ↓Good	31.00%	Tyler, WV	44.70%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 57 to carpool or take mass-transportation.							White, GA	41.90%
		Source		American Community Survey		Year(s)		2010-2014	Harrison, OH	49.60%
		Among workers who commute in their car alone, the percentage that commute more than 30 minutes								