



2016

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TOP TEN

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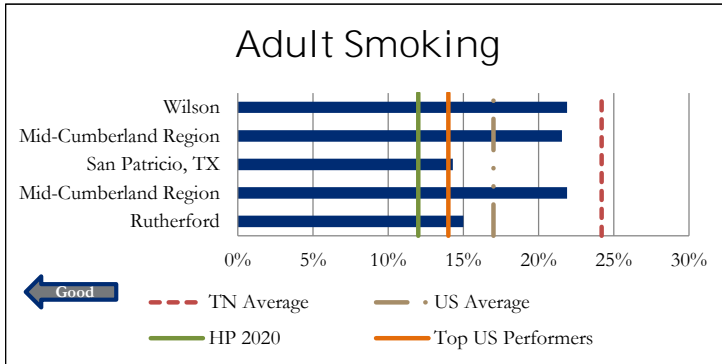
Rutherford County

TN

Department of
Health

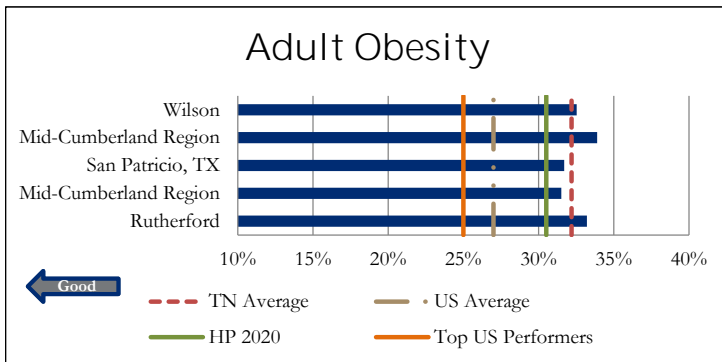
Demographics

Population:	288,906	<18 YOA:	25.03%	65+ YOA:	9.62%	% Rural:	17.00%
Unemployment:	5.27%	% Females:	50.70%	% Males:	49.30%	Graduation Rate:	92.00%
Single parent households:	29.56%	MHI:	\$53,799				



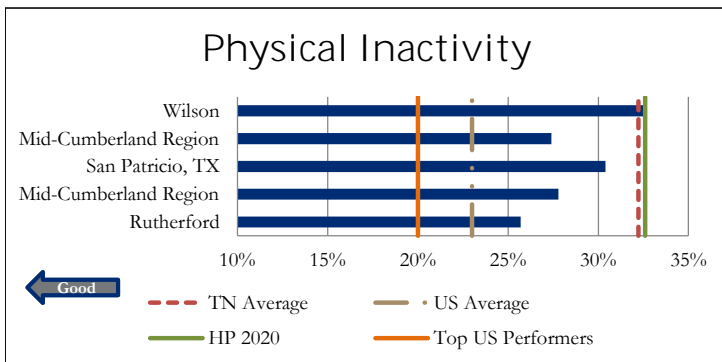
Top Third

Measure	Value
Premature Death	6281.10
Injury Deaths	48.88
Poor Mental Health Days	4.30
Physical Inactivity	27.40%
Children in Poverty	16.20%
Unemployment	5.27%
Income Inequality	3.82
Mammography Screening	67.00%
Some College	66.84%
Poor Physical Health Days	4.40



Middle Third

Measure	Value
Uninsured	16.05%
High School Graduation	92.00%
Primary Care Physicians	2196:1
Diabetic Monitoring	86.87%
Severe Housing Problems	13.95%
Preventable Hospital Stays	74.50
Driving Alone to Work	85.70%
Long Commute - Driving Alone	41.30%
Adult Obesity	33.90%



Bottom Third

Measure	Value
Excessive Drinking	14.20%
Social Associations	7.33
Air Pollution - Particulate Matter	14.28
Sexually Transmitted Infections	439.42
Violent Crime	430.81



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	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		2	Williamson	6281.10	3683.80	2597.30	↑Bad ↓Good	6,600.00	Johnson, TX	7534.00
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Hardin, KY	7365.30
		Source		National Center for Health Statistics - Mortality files			Year(s)	2011-2013	San Patricio, TX	8295.50
Health Outcomes	Quality of Life	Poor or Fair Health*								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		10	Robertson	19.60%	18.60%	1.00%	↑Bad ↓Good	18.00%	Johnson, TX	14.70%
		Improve the health of 1 out of every 100 people in the county who, in general, report being in poor or fair health.							Hardin, KY	19.90%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	San Patricio, TX	21.10%
		Poor Physical Health Days*								
		8	Knox	4.40	4.30	0.10	↑Bad ↓Good	3.8	Johnson, TX	3.20
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Hardin, KY	4.50
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	San Patricio, TX	3.60
		Poor Mental Health Days*								
		3	Williamson	4.30	3.80	0.50	↑Bad ↓Good	2.8	Johnson, TX	3.00
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Hardin, KY	4.00
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	San Patricio, TX	3.10
		Low Birthweight								
		31	Pickett	8.31%	7.24%	1.07%	↑Bad ↓Good	8.00%	Johnson, TX	7.55%
		Reduce the number of low birth weight babies by 2 for every 100 live births.							Hardin, KY	7.31%
		Source		National Center for Health Statistics - Natality files			Year(s)	2007-2013	San Patricio, TX	8.89%
Health Factors	Health Behaviors	Adult Smoking*								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		18	Humphreys	21.90%	21.10%	0.80%	↑Bad ↓Good	17.00%	Johnson, TX	15.00%
		Get 4 out of every 100 current adult smokers in the county to quit smoking.							Hardin, KY	21.90%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	San Patricio, TX	14.30%
		Adult Obesity								
		63	Hamilton	33.90%	29.90%	4.00%	↑Bad ↓Good	27.00%	Johnson, TX	33.20%
		Get 12 out of every 100 current obese adults in the county to reduce their BMI below 30.							Hardin, KY	31.50%
		Source		CDC Diabetes Interactive Atlas			Year(s)	2012	San Patricio, TX	31.70%
		Food Environment Index								
		21	Cannon	7.40	7.9	0.5	↑Good ↓Bad	7.20	Johnson, TX	6.80
		Increase the county's food index score by 0.5.							Hardin, KY	6.80
		Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	San Patricio, TX	7.30

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	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults aged 20 and over reporting no leisure-time physical activity		3	Williamson	27.40%	23.30%	4.10%	↑Bad ↓Good	23.00%	Johnson, TX	25.70%				
		Get 15 out of every 100 currently physically inactive adults to exercise during leisure time.							Hardin, KY	27.80%				
		Source		CDC Diabetes Interactive Atlas			Year(s)		2012	San Patricio, TX	30.40%			
		Access to Exercise Opportunities		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population with adequate access to locations for physical activity		14	Loudon	74.71%	78.48%	3.77%	↑Good ↓Bad	84.00%	Johnson, TX	70.48%				
		Consider how to remove barriers to access exercise locations to reach an additional 3.77 percent of the county's population.							Hardin, KY	73.15%				
		Source		Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)		2010 & 2014	San Patricio, TX	69.05%			
		Excessive Drinking		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults reporting binge or heavy drinking		95	Benton	14.20%	10.60%	3.60%	↑Bad ↓Good	17.00%	Johnson, TX	19.00%				
		Get 26 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.							Hardin, KY	13.10%				
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	San Patricio, TX	17.10%			
		Alcohol-Impaired Driving Deaths		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of driving deaths with alcohol involvement		27	Sullivan	24.24%	19.17%	5.08%	↑Bad ↓Good	31.00%	Johnson, TX	23.81%				
		Reduce the number of alcohol related driving deaths by 5.08 percent.							Hardin, KY	21.18%				
		Source		Fatality Analysis Reporting System			Year(s)		2010-2014	San Patricio, TX	27.59%			
		Sexually Transmitted Infections		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Number of newly diagnosed chlamydia cases per 100,000 population		78	Overton	439.42	153.22	286.20	↑Bad ↓Good	446.60	Johnson, TX	323.90				
		Consider ways to educate 7 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.							Hardin, KY	490.54				
		Source		National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)		2013	San Patricio, TX	454.27			
		Teen Births		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Teen birth rate per 1,000 female population, ages 15-19		8	Knox	33.19	31.09	2.10	↑Bad ↓Good	35.00	Johnson, TX	51.08				
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 7 teen(s) from becoming pregnant.							Hardin, KY	48.45				
		Source		National Center for Health Statistics - Natality files			Year(s)		2007-2013	San Patricio, TX	65.76			
		Uninsured		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population under age 65 without health insurance		33	Cheatham	16.05%	14.54%	1.51%	↑Bad ↓Good	17.00%	Johnson, TX	24.23%				
		Get 10 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Hardin, KY	14.86%				
		Source		Small Area Health Insurance Estimates			Year(s)		2013	San Patricio, TX	21.80%			
		Primary Care Physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Ratio of population to primary care physicians		40	Coffee	2196:1	1368:1	828	↑Bad ↓Good	1320:1	Johnson, TX	2063:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 34 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.							Hardin, KY	1546:1				
		Source		Area Health Resource File/American Medical Association			Year(s)		2013	San Patricio, TX	3674:1			
		Dentists		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Ratio of population to dentists		18	Dickson	2020:1	1744:1	276	↑Bad ↓Good	1540:1	Johnson, TX	2863:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 10 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.							Hardin, KY	1140:1				
		Source		Area Health Resource File/National Provider Identification file			Year(s)		2014	San Patricio, TX	2788:1			

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		23	Henry	1262:1	644:1	618	↑Bad ↓Good	490:1	Johnson, TX	1514:1	
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 93 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.											
		Source		CMS, National Provider Identification file			Year(s)		2015	San Patricio, TX	2159:1		
		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		48	Anderson	74.50	50.27	24.23	↑Bad ↓Good	54.00	Johnson, TX	76.67			
		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	San Patricio, TX	68.42		
		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		42	Giles	86.87%	89.20%	2.34%	↑Good ↓Bad	63.00%	Johnson, TX	83.58%			
		For every 100 diabetic Medicare enrollees, get 3 additional Medicare enrollees to receive HbA1c screening.											
		Source		Dartmouth Atlas of Health Care			Year(s)		2013	San Patricio, TX	81.45%		
		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		6	Cumberland	67.00%	71.00%	4.00%	↑Good ↓Bad	63.00%	Johnson, TX	57.00%			
		For every 100 female Medicare enrollees, get 4 additional Medicare enrollees to receive their mammography screening.											
		Source		Dartmouth Atlas of Health Care			Year(s)		2013	San Patricio, TX	56.00%		
		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%	Johnson, TX	91.66%			
		For every 100 ninth graders, assist 6 additional ninth graders to graduate within four years.											
		Source		EDFacts			Year(s)		2012-2013	San Patricio, TX	91.21%		
		Some College		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
Percentage of adults ages 25-44 years with some post-secondary education		6	Davidson	66.84%	67.02%	0.17%	↑Good ↓Bad	64.00%	Johnson, TX	51.60%			
		For every 100 adults between 25-44 years of age, assist 1 additional adults to complete some coursework at the collegiate level.											
		Source		American Community Survey			Year(s)		2010-2014	San Patricio, TX	54.15%		
		Unemployment		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
Percentage of population ages 16 and older unemployed but seeking work		4	Williamson	5.27%	4.55%	0.72%	↑Bad ↓Good	6.20%	Johnson, TX	4.98%			
		For every 100 persons ages 16 years and older, help 1 persons successfully find employment.											
		Source		Bureau of Labor Statistics			Year(s)		2014	San Patricio, TX	6.18%		
		Children in Poverty		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
Percentage of children under age 18 in poverty		3	Williamson	16.20%	6.00%	10.20%	↑Bad ↓Good	22.00%	Johnson, TX	19.00%			
		For every 100 children (under 18 years) in poverty, help 63 children to find assistance to get out of poverty.											
		Source		Small Area Income and Poverty Estimates			Year(s)		2014	San Patricio, TX	23.60%		
		Income Inequality		Rank	1st Ranked	Value	1st 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		5	Moore	3.82	3.34	0.48	↑Bad ↓Good	4.70	Johnson, TX	3.80			
		To reach a household income ratio at or below that of the 1st ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).											
		Source		American Community Survey			Year(s)		2010-2014	San Patricio, TX	4.53		

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	29	Lawrence	29.56%	23.36%	6.19%	↑Bad ↓Good	34.00%	Johnson, TX	28.31%
For every 100 single parent households in the county, investigate ways to encourage 21 households to be a multi-parent household.								Hardin, KY	35.34%		
Source			American Community Survey			Year(s)		2010-2014	San Patricio, TX	34.75%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	82	Johnson	7.33	16.13	8.80	↑Good ↓Bad	9.00	Johnson, TX	8.34		
Number of membership associations per 10,000 population	For every 100 people in the county, increase the number of membership associations by 1.								Hardin, KY	10.35	
	Source			County Business Patterns			Year(s)		2013	San Patricio, TX	10.89
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	66	Carter	430.81	206.33	224.48	↑Bad ↓Good	392.00	Johnson, TX	241.70		
Number of reported violent crime offenses per 100,000 population	For every 100 persons in the county, prevent 53 people from committing a violent crime.								Hardin, KY	159.29	
	Source			Uniform Crime Reporting - FBI			Year(s)		2010-2012	San Patricio, TX	324.41
Injury Deaths	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	2	Williamson	48.88	43.01	5.87	↑Bad ↓Good	60.00	Johnson, TX	60.60		
Number of deaths due to injury per 100,000 population	For every 1,000 population consider ways to prevent 121 deaths as a result of intentional and unintentional injury.								Hardin, KY	63.84	
	Source			CDC WONDER mortality data			Year(s)		2009-2013	San Patricio, TX	63.91
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	81	Greene	14.28	13.14	1.14	↑Bad ↓Good	11.40	Johnson, TX	9.62		
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	Reduce the average daily measure of fine particulate matter by 1.14 micrograms per cubic meter (PM2.5).								Hardin, KY	13.61	
	Source			CDC WONDER Environmental data			Year(s)		2011	San Patricio, TX	8.58
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	Johnson, TX	Yes		
Percentage of population potentially exposed to water exceeding a violation limit during the past year	There were no health-based drinking water violations.								Hardin, KY	No	
	Source			Safe Drinking Water Information System			Year(s)		FY2013-14	San Patricio, TX	Yes
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	47	Unicoi	13.95%	11.70%	2.25%	↑Bad ↓Good	19.00%	Johnson, TX	13.70%		
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 17 person(s) to find housing assistance.								Hardin, KY	11.49%	
	Source			Comprehensive Housing Affordability Strategy (CHAS) data			Year(s)		2008-2012	San Patricio, TX	16.89%
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	61	Grundy	85.70%	80.27%	5.44%	↑Bad ↓Good	76.00%	Johnson, TX	84.53%		
Percentage of the workforce that drives alone to work	For every 100 persons that currently drive alone to work, convince 7 to carpool or take mass-transportation.								Hardin, KY	80.47%	
	Source			American Community Survey			Year(s)		2010-2014	San Patricio, TX	83.06%
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	62	Hamilton	41.30%	25.20%	16.10%	↑Bad ↓Good	31.00%	Johnson, TX	48.70%		
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 39 to carpool or take mass-transportation.								Hardin, KY	25.70%	
	Source			American Community Survey			Year(s)		2010-2014	San Patricio, TX	34.40%

Health Factors

Social & Economic Factors

Physical Environment