



# 2015

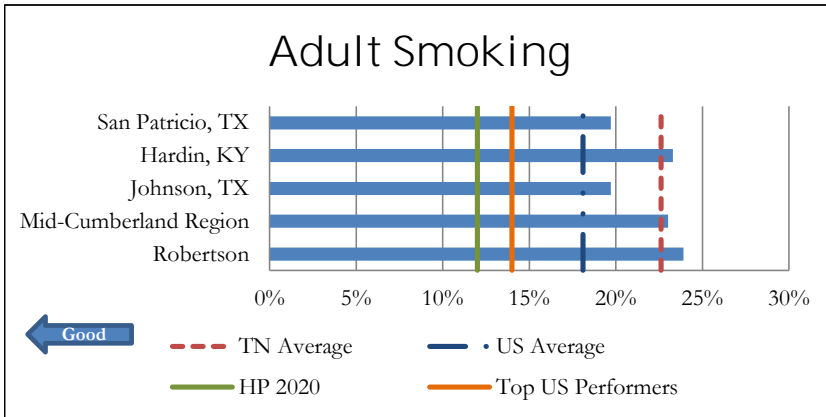
## DRIVE YOUR COUNTY TO THE TOP TEN:

Accelerating Action Towards Improving County Health

## Robertson County

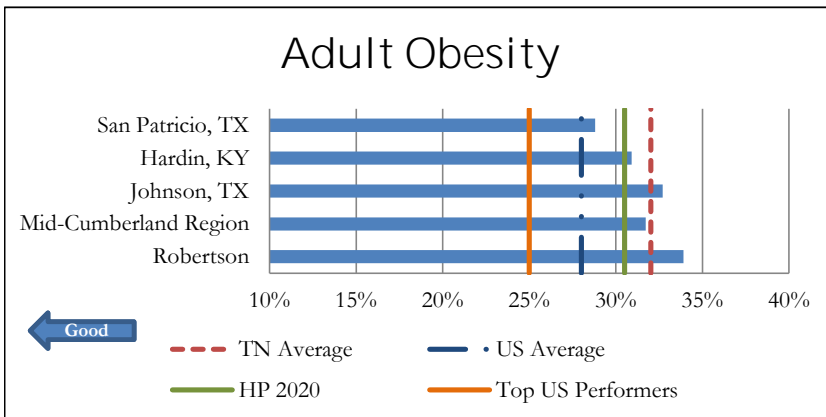


<b>Demographics</b>	<b>Population:</b>	67,383	<b>&lt;18 YOA:</b>	25.37%	<b>65+ YOA:</b>	13.05%	<b>% Rural:</b>	53.24%
	<b>Unemployment:</b>	6.89%	<b>% Females:</b>	50.73%	<b>% Males:</b>	49.27%	<b>Graduation Rate:</b>	95.00
	<b>Single parent households:</b>	32.51%	<b>MHI:</b>	\$51,093				



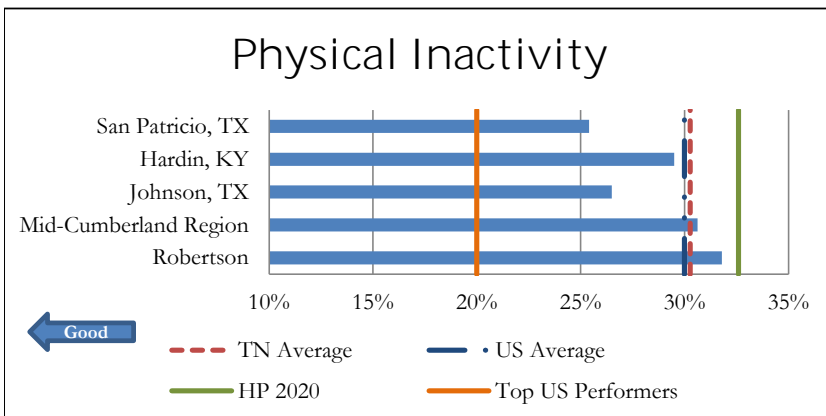
### Top Third

Measure	Value
Poor Mental Health Days	2.10
Income Inequality	3.63
Poor Physical Health Days	3.20
Food Environment Index	8.20
Children in Poverty	18.80%
Poor or Fair Health	15.40%
Access to Exercise Opportunities	79.89%
Unemployment	6.89%
High School Graduation	95.00%
Physical Inactivity	31.80%



### Middle Third

Measure	Value
Injury Deaths	85.22
Uninsured	16.43%
Mental Health Providers	2407:1
Preventable Hospital Stays	83.20
Social Associations	11.21
Sexually Transmitted Infections	298.80
Dentists	3546:1
Children in Single-Parent Households	32.51%
Primary Care Physicians	2677:1



### Bottom Third

Measure	Value
Drinking Water Violations	37.10%
Diabetic Monitoring	83.17%
Air Pollution - Particulate Matter	14.35
Long Commute - Driving Alone	47.80%
Violent Crime	436.70
Adult Obesity	33.90%
Teen Births	55.46

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 Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health. Nashville, TN. opm.health@tn.gov or 615-741-5001.



Health Outcomes	Length of Life	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		<p><b>Premature Death</b></p> <p>24 Lewis 8745.05 7769.75 975.30 ↑Bad ↓Good 6,811.00 Johnson, TX 7585.02</p> <p>For every 100 people in the county, 1 people in the county need to live one year closer to age 75.</p> <p>Hardin, KY 7428.77</p> <p>Source National Center for Health Statistics - Mortality files Year(s) 2010-2012 San Patricio, TX 7915.00</p>									
Quality of Life	Poor or Fair Health	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		<p>7 Rutherford 15.40% 14.50% 0.90% ↑Bad ↓Good 12.40% Johnson, TX 21.40%</p> <p>Improve the health of 1 out of every 100 people in the county who, in general, report being in poor or fair health.</p> <p>Hardin, KY 18.80%</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 San Patricio, TX 19.60%</p>									
Quality of Life	Poor Physical Health Days*	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		<p>4 Williamson 3.20 2.00 1.20 ↑Bad ↓Good 3.70 Johnson, TX 5.10</p> <p>Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.</p> <p>Hardin, KY 4.20</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 San Patricio, TX 4.20</p>									
Quality of Life	Poor Mental Health Days	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		<p>2 Williamson 2.10 1.90 0.20 ↑Bad ↓Good 3.50 Johnson, TX 4.10</p> <p>Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.</p> <p>Hardin, KY 3.60</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 San Patricio, TX 3.10</p>									
Quality of Life	Low Birthweight	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		<p>27 Lewis 8.26% 7.29% 0.97% ↑Bad ↓Good 8.10% Johnson, TX 7.67%</p> <p>Reduce the number of low birth weight babies by 1 for every 100 live births.</p> <p>Hardin, KY 7.55%</p> <p>Source National Center for Health Statistics - Natality files Year(s) 2006-2012 San Patricio, TX 8.78%</p>									
Health Factors	Health Behaviors	Adult Smoking	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			<p>31 Knox 23.90% 18.50% 5.40% ↑Bad ↓Good 18.10% Johnson, TX 19.70%</p> <p>Get 23 out of every 100 current adult smokers in the county to quit smoking.</p> <p>Hardin, KY 23.30%</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 San Patricio, TX 19.70%</p>								
Health Factors	Health Behaviors	Adult Obesity	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			<p>65 Hamilton 33.90% 29.10% 4.80% ↑Bad ↓Good 28.00% Johnson, TX 32.70%</p> <p>Get 15 out of every 100 current obese adults in the county to reduce their BMI below 30.</p> <p>Hardin, KY 30.90%</p> <p>Source CDC Diabetes Interactive Atlas Year(s) 2011 San Patricio, TX 28.80%</p>								
Health Factors	Health Behaviors	Food Environment Index	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			<p>4 Williamson 8.20 8.9 0.7 ↑Good ↓Bad 7.60 Johnson, TX 7.10</p> <p>Increase the county's food index score by 0.7.</p> <p>Hardin, KY 6.90</p> <p>Source USDA Food Environment Atlas, Map the Meal Gap Year(s) 2012 San Patricio, TX 7.10</p>								

Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health, Nashville, TN. April 2015. opm.health@tn.gov or 615-741-5001. The full report can be accessed at: <http://health.tn.gov/statistics/specialprojects.htm>. 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. 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
	22	Wilson	31.80%	28.50%	3.30%	↑Bad ↓Good	30.00%	Johnson, TX	26.50%
<a href="#">Percentage of adults aged 20 and over reporting no leisure-time physical activity</a>	Get 11 out of every 100 currently physically inactive adults to exercise during leisure time.							Hardin, KY	29.50%
Source	CDC Diabetes Interactive Atlas			Year(s)	2011		San Patricio, TX	25.40%	
Access to Exercise Opportunities	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	7	Sevier	79.89%	82.37%	2.48%	↑Good ↓Bad	77.00%	Johnson, TX	70.48%
<a href="#">Percentage of population with adequate access to locations for physical activity</a>	Consider how to remove barriers to access exercise locations to reach an additional 2.48 percent of the county's population.							Hardin, KY	73.50%
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)	2010 & 2013		San Patricio, TX	68.28%	
Excessive Drinking	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	NA	Greene	NA	3.30%	NA	↑Bad ↓Good	15.00%	Johnson, TX	18.80%
<a href="#">Percentage of adults reporting binge or heavy drinking</a>	No information available							Hardin, KY	7.90%
Source	Behavioral Risk Factor Surveillance System			Year(s)	2006-2012		San Patricio, TX	NA	
Alcohol-Impaired Driving Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	29	McNairy	23.73%	18.75%	4.98%	↑Bad ↓Good	32.00%	Johnson, TX	20.37%
<a href="#">Percentage of driving deaths with alcohol involvement</a>	Reduce the number of alcohol related driving deaths by 4.98 percent.							Hardin, KY	21.59%
Source	Fatality Analysis Reporting System			Year(s)	2009-2013		San Patricio, TX	33.33%	
Sexually Transmitted Infections	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	51	Scott	298.80	144.30	154.50	↑Bad ↓Good	458.00	Johnson, TX	320.00
<a href="#">Number of newly diagnosed chlamydia cases per 100,000 population</a>	Consider ways to educate 6 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	504.60
Source	National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)	2012		San Patricio, TX	390.20	
Teen Births	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	65	Putnam	55.46	37.04	18.41	↑Bad ↓Good	31.00	Johnson, TX	55.13
<a href="#">Teen birth rate per 1,000 female population, ages 15-19</a>	For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 34 teen(s) from becoming pregnant.							Hardin, KY	50.94
Source	National Center for Health Statistics - Natality files			Year(s)	2006-2012		San Patricio, TX	70.68	

Clinical Care

Uninsured	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	39	Blount	16.43%	14.64%	1.79%	↑Bad ↓Good	18.00%	Johnson, TX	25.51%
<a href="#">Percentage of population under age 65 without health insurance</a>	Get 11 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Hardin, KY	15.38%
Source	Small Area Health Insurance Estimates			Year(s)	2012		San Patricio, TX	22.30%	
Primary Care Physicians	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	56	Anderson	2677:1	1397:1	1280	↑Bad ↓Good	1,355.00	Johnson, TX	2074:1
<a href="#">Ratio of population to primary care physicians</a>	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 24 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	1574:1
Source	Area Health Resource File/American Medical Association			Year(s)	2012		San Patricio, TX	4373:1	
Dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	54	Maury	3546:1	1675:1	1871	↑Bad ↓Good	1,663.00	Johnson, TX	2975:1
<a href="#">Ratio of population to dentists</a>	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 22 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	1229:1
Source	Area Health Resource File/American Medical Association			Year(s)	2013		San Patricio, TX	3149:1	

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>		43	McNairy	2407:1	688:1	1719	↑Bad ↓Good	753	Johnson, TX	1664:1
		<b>To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 70 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.</b>									Hardin, KY	340:1
		Source		CMS, National Provider Identification file			Year(s)		2014	San Patricio, TX	2450:1	
		Preventable Hospital Stays		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees</a>		43	Marshall	83.20	58.47	24.73	↑Bad ↓Good	65.00	Johnson, TX	76.70		
		<b>For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.</b>									Hardin, KY	90.47
		Source		Dartmouth Atlas of Health Care			Year(s)		2012	San Patricio, TX	71.06	
		Diabetic Monitoring		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring</a>		82	Crockett	83.17%	88.92%	5.75%	↑Good ↓Bad	84.00%	Johnson, TX	83.81%		
		<b>For every 100 diabetic Medicare enrollees, get 6 additional Medicare enrollees to receive HbA1c screening.</b>									Hardin, KY	85.44%
		Source		Dartmouth Atlas of Health Care			Year(s)		2012	San Patricio, TX	85.77%	
		Mammography Screening		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Percentage of female Medicare enrollees ages 67-69 that receive mammography screening</a>		28	Knox	63.02%	65.71%	2.69%	↑Good ↓Bad	63.00%	Johnson, TX	57.50%		
		<b>For every 100 female Medicare enrollees, get 3 additional Medicare enrollees to receive their mammography screening.</b>									Hardin, KY	62.54%
		Source		Dartmouth Atlas of Health Care			Year(s)		2012	San Patricio, TX	57.18%	
		High School Graduation		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Percentage of ninth-grade cohort that graduates in four years</a>		11	Carroll	95.00%	95.32%	0.32%	↑Good ↓Bad	80.00%	Johnson, TX	91.77%		
		<b>For every 100 ninth graders, assist 1 additional ninth graders to graduate within four years.</b>									Hardin, KY	89.02%
		Source		data.gov, supplemented w/ National Center for Education Statistics			Year(s)		2011-2012	San Patricio, TX	91.00%	
		Some College		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Percentage of adults ages 25-44 years with some post-secondary education</a>		25	Shelby	50.69%	62.09%	11.41%	↑Good ↓Bad	63.00%	Johnson, TX	51.71%		
		<b>For every 100 adults between 25-44 years of age, assist 1141 additional adults to complete some coursework at the collegiate level.</b>									Hardin, KY	62.46%
		Source		American Community Survey			Year(s)		2009-2013	San Patricio, TX	55.42%	
		Unemployment		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Percentage of population ages 16 and older unemployed but seeking work</a>		9	Wilson	6.89%	6.53%	0.37%	↑Bad ↓Good	8.10%	Johnson, TX	6.04%		
		<b>For every 100 persons ages 16 years and older, help 1 persons successfully find employment.</b>									Hardin, KY	7.54%
		Source		Bureau of Labor Statistics			Year(s)		2013	San Patricio, TX	7.54%	
		Children in Poverty		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Percentage of children under age 18 in poverty</a>		5	Williamson	18.80%	6.70%	12.10%	↑Bad ↓Good	23.00%	Johnson, TX	18.50%		
		<b>For every 100 children (under 18 years) in poverty, help 65 children to find assistance to get out of poverty.</b>									Hardin, KY	20.30%
		Source		Small Area Income and Poverty Estimates			Year(s)		2013	San Patricio, TX	23.70%	
		Income Inequality		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
<a href="#">Ratio of household income at the 80th percentile to income at the 20th percentile</a>		3	Cheatham	3.63	3.54	0.10	↑Bad ↓Good	NA	Johnson, TX	3.77		
		<b>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).</b>									Hardin, KY	4.31
		Source		American Community Survey			Year(s)		2009-2013	San Patricio, TX	4.72	

Health Factors

Clinical Care

Social & Economic Factors

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
	55	Cheatham	32.51%	25.43%	7.08%	↑Bad ↓Good	21.00%	Johnson, TX	27.48%
<a href="#">Percentage of children that live in a household headed by single parent</a>	For every 100 single parent households in the county, investigate ways to encourage 22 households to be a multi-parent household.							Hardin, KY	36.28%
Source	American Community Survey		Year(s)	2009-2013		San Patricio, TX	36.45%		
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
43	Henry	11.21	16.70	5.49	↑Good ↓Bad	33.00%	Johnson, TX	8.15	
<a href="#">Number of membership associations per 10,000 population</a>	For every 100 people in the county, increase the number of membership associations by 1.							Hardin, KY	10.75
Source	County Business Patterns		Year(s)	2012		San Patricio, TX	10.52		
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
68	Carter	436.70	206.33	230.37	↑Bad ↓Good	387.00	Johnson, TX	241.70	
<a href="#">Number of reported violent crime offenses per 100,000 population</a>	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	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
37	Fayette	85.22	68.81	16.41	↑Bad ↓Good	59.00	Johnson, TX	61.75	
<a href="#">Number of deaths due to injury per 100,000 population</a>	For every 1,000 population consider ways to prevent 193 deaths as a result of intentional and unintentional injury.							Hardin, KY	63.70
Source	CDC WONDER mortality data		Year(s)	2008-2012		San Patricio, TX	58.97		
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
82	Greene	14.35	13.14	1.21	↑Bad ↓Good	11.10	Johnson, TX	9.62	
<a href="#">Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)</a>	Reduce the average daily measure of fine particulate matter by 1.21 micrograms per cubic meter (PM2.5).							Hardin, KY	13.61
Source	CDC WONDER Environmental data		Year(s)	2011		San Patricio, TX	8.58		

Physical Environment

Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
93	Anderson	37.10%	0.00%	37.10%	↑Bad ↓Good	8.00%	Johnson, TX	1.01%	
<a href="#">Percentage of population potentially exposed to water exceeding a violation limit during the past year</a>	For every 100 persons in the county exposed to water violations, assist 1 person(s) from exposure to health-based violations in public water systems.							Hardin, KY	0.00%
Source	Safe Drinking Water Information System		Year(s)	FY2013-14		San Patricio, TX	12.23%		
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
30	Lewis	12.53%	10.96%	1.57%	↑Bad ↓Good	19.00%	Johnson, TX	13.98%	
<a href="#">Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities</a>	For every 100 persons in the county experiencing housing problems, help 13 person(s) to find housing assistance.							Hardin, KY	10.53%
Source	Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)	2007-2011		San Patricio, TX	17.95%		
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
25	Davidson	82.50%	80.03%	2.47%	↑Bad ↓Good	76.00%	Johnson, TX	84.98%	
<a href="#">Percentage of the workforce that drives alone to work</a>	For every 100 persons that currently drive alone to work, convince 3 to carpool or take mass-transportation.							Hardin, KY	81.84%
Source	American Community Survey		Year(s)	2009-2013		San Patricio, TX	81.96%		
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
79	Hamilton	47.80%	25.10%	22.70%	↑Bad ↓Good	34.00%	Johnson, TX	48.00%	
<a href="#">Among workers who commute in their car alone, the percentage that commute more than 30 minutes</a>	For every 100 persons that currently drive more than 30 minutes alone to work, convince 48 to carpool or take mass-transportation.							Hardin, KY	24.90%
Source	American Community Survey		Year(s)	2009-2013		San Patricio, TX	33.80%		