



2016

DRIVE YOUR COUNTY TO THE
TOP TEN

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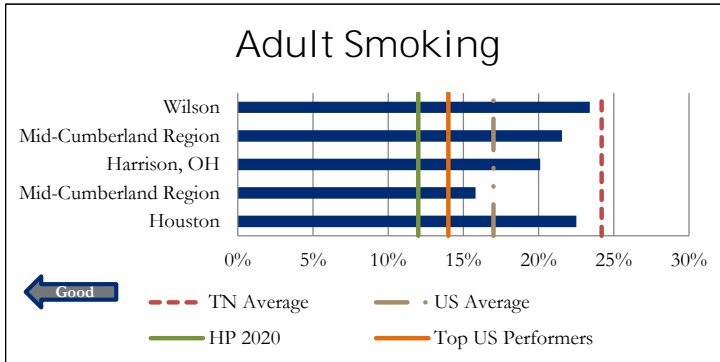
Houston County

TN

Department of
Health

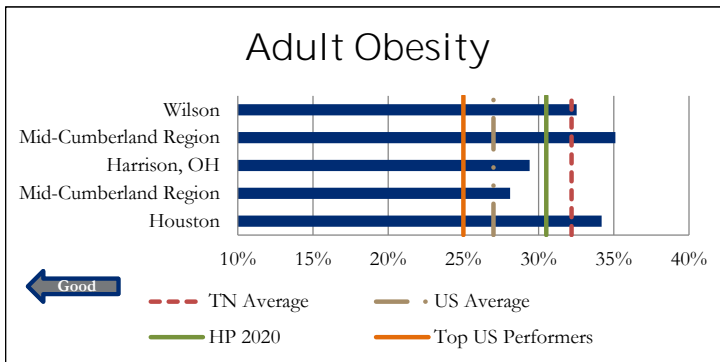
Demographics

Population:	8,267	<18 YOA:	21.83%	65+ YOA:	19.48%	% Rural:	100.00%
Unemployment:	9.94%	% Females:	51.20%	% Males:	48.80%	Graduation Rate:	97.50%
Single parent households:	25.58%	MHI:	\$39,753				



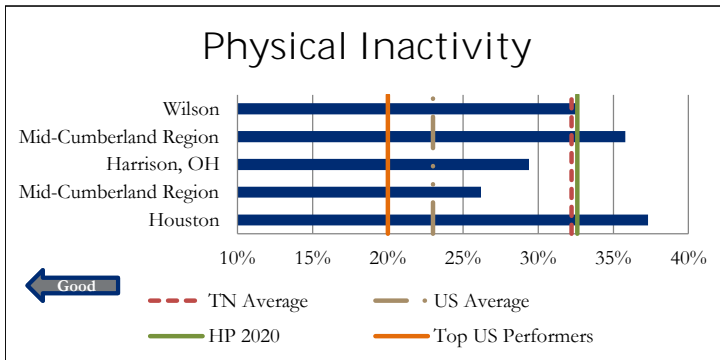
Top Third

Measure	Value
Low Birthweight	6.67%
High School Graduation	97.50%
Income Inequality	4.11
Children in Single-Parent Households	25.58%
Sexually Transmitted Infections	190.18
Diabetic Monitoring	88.57%
Mental Health Providers	1378:1
Social Associations	12.06



Middle Third

Measure	Value
Premature Death	9243.50
Excessive Drinking	11.20%
Primary Care Physicians	2073:1
Severe Housing Problems	13.33%
Violent Crime	315.83
Children in Poverty	27.40%
Driving Alone to Work	84.22%
Food Environment Index	7.10
Physical Inactivity	35.80%
Poor or Fair Health	22.30%



Bottom Third

Measure	Value
Air Pollution - Particulate Matter	14.80
Unemployment	9.94%
Dentists	8267:1
Preventable Hospital Stays	107.81
Adult Obesity	35.10%
Alcohol-Impaired Driving Deaths	38.46%
Long Commute - Driving Alone	46.60%
Mammography Screening	54.00%
Injury Deaths	105.17
Teen Births	55.56



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
		34	Knox	9243.50	7735.80	1507.70	↑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
		46	Rutherford	22.30%	19.60%	2.70%	↑Bad ↓Good	18.00%	Tyler, WV	20.20%
		Improve the health of 3 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%
Health Outcomes	Quality of Life	Poor Physical Health Days*								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		54	Knox	4.90	4.30	0.60	↑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
Health Outcomes	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
Health Outcomes	Quality of Life	Low Birthweight								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		2	Perry	6.67%	5.91%	0.76%	↑Bad ↓Good	8.00%	Tyler, WV	8.70%
		Reduce the number of low birth weight babies by 1 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%
Health Factors	Health Behaviors	Adult Smoking*								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		50	Humphreys	23.40%	21.10%	2.30%	↑Bad ↓Good	17.00%	Tyler, WV	22.50%
		Get 10 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%
Health Factors	Health Behaviors	Adult Obesity								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		77	Hamilton	35.10%	29.90%	5.20%	↑Bad ↓Good	27.00%	Tyler, WV	34.20%
		Get 15 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%
Health Factors	Health Behaviors	Food Environment Index								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		42	Cannon	7.10	7.9	0.8	↑Good ↓Bad	7.20	Tyler, WV	7.70
		Increase the county's food index score by 0.8.							White, GA	7.80
		Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Harrison, OH	7.60

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	Rank	10th Ranked	Value	10th 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 Get 16 out of every 100 currently physically inactive adults to exercise during leisure time. Source CDC Diabetes Interactive Atlas Year(s) 2012	45	Shelby	35.80%	30.20%	5.60%	↑Bad ↓Good	23.00%	Tyler, WV	37.30%
Access to Exercise Opportunities Percentage of population with adequate access to locations for physical activity Consider how to remove barriers to access exercise locations to reach an additional 40.02 percent of the county's population. Source Business Analyst, Delorme, ESRI, & US Census Tigerline Files Year(s) 2010 & 2014	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	66	Loudon	38.46%	78.48%	40.02%	↑Good ↓Bad	84.00%	Tyler, WV	64.60%	White, GA	95.04%
Excessive Drinking Percentage of adults reporting binge or heavy drinking 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. Source Behavioral Risk Factor Surveillance System Year(s) 2014	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	35	Benton	11.20%	10.60%	0.60%	↑Bad ↓Good	17.00%	Tyler, WV	11.30%	White, GA	15.20%
Alcohol-Impaired Driving Deaths Percentage of driving deaths with alcohol involvement Reduce the number of alcohol related driving deaths by 19.29 percent. Source Fatality Analysis Reporting System Year(s) 2010-2014	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	76	Sullivan	38.46%	19.17%	19.29%	↑Bad ↓Good	31.00%	Tyler, WV	33.33%	White, GA	29.17%
Sexually Transmitted Infections Number of newly diagnosed chlamydia cases per 100,000 population 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. Source National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention Year(s) 2013	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	18	Overton	190.18	153.22	36.96	↑Bad ↓Good	446.60	Tyler, WV	132.79	White, GA	112.50
Teen Births Teen birth rate per 1,000 female population, ages 15-19 For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 38 teen(s) from becoming pregnant. Source National Center for Health Statistics - Natality files Year(s) 2007-2013	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	71	Putnam	55.56	34.87	20.68	↑Bad ↓Good	35.00	Tyler, WV	45.88	White, GA	31.79
Uninsured Percentage of population under age 65 without health insurance Get 16 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance. Source Small Area Health Insurance Estimates Year(s) 2013	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	58	Cheatham	17.16%	14.54%	2.62%	↑Bad ↓Good	17.00%	Tyler, WV	18.02%	White, GA	21.64%
Primary Care Physicians Ratio of population to primary care physicians To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 31 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. Source Area Health Resource File/American Medical Association Year(s) 2013	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	36	Coffee	2073:1	1368:1	705	↑Bad ↓Good	1320:1	Tyler, WV	1499:1	White, GA	3971:1
Dentists Ratio of population to dentists To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 56 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. Source Area Health Resource File/National Provider Identification file Year(s) 2014	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	88	Dickson	8267:1	1744:1	6523	↑Bad ↓Good	1540:1	Tyler, WV	9098:1	White, GA	3108:1
								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
		Ratio of population to mental health providers		26	Henry	1378:1	644:1	734	↑Bad ↓Good	490:1	Tyler, WV	4549:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 101 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		
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees		82	Anderson	107.81	50.27	57.54	↑Bad ↓Good	54.00	Tyler, WV	78.84		
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		
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring		20	Giles	88.57%	89.20%	0.63%	↑Good ↓Bad	63.00%	Tyler, WV	89.92%		
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		
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening		74	Cumberland	54.00%	71.00%	17.00%	↑Good ↓Bad	63.00%	Tyler, WV	71.00%		
For every 100 female Medicare enrollees, get 17 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		
Percentage of ninth-grade cohort that graduates in four years		2	Tipton	97.50%	98.00%	0.50%	↑Good ↓Bad	82.00%	Tyler, WV	87.50%		
For every 100 ninth graders, assist 1 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		
Percentage of adults ages 25-44 years with some post-secondary education		48	Shelby	45.37%	62.28%	16.91%	↑Good ↓Bad	64.00%	Tyler, WV	45.12%		
For every 100 adults between 25-44 years of age, assist 17 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		
Percentage of population ages 16 and older unemployed but seeking work		91	Robertson	9.94%	5.69%	4.25%	↑Bad ↓Good	6.20%	Tyler, WV	8.93%		
For every 100 persons ages 16 years and older, help 5 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		
Percentage of children under age 18 in poverty		41	Dickson	27.40%	21.10%	6.30%	↑Bad ↓Good	22.00%	Tyler, WV	23.60%		
For every 100 children (under 18 years) in poverty, help 23 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	5th Ranked	Value	5th 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		10	Rutherford	4.11	3.82	0.29	↑Bad ↓Good	4.70	Tyler, WV	4.46		
To reach a household income ratio at or below that of the 5th 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		
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
		Percentage of children that live in a household headed by single parent	14	Lawrence	25.58%	23.36%	2.22%	↑Bad ↓Good	34.00%	Tyler, WV	23.60%
For every 100 single parent households in the county, investigate ways to encourage 9 households to be a multi-parent household.								White, GA	39.13%		
Source			American Community Survey			Year(s)		2010-2014	Harrison, OH	30.38%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	31	Johnson	12.06	16.13	4.07	↑Good ↓Bad	9.00	Tyler, WV	15.56		
Number of membership associations per 10,000 population		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	
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	39	Carter	315.83	206.33	109.50	↑Bad ↓Good	392.00	Tyler, WV	174.23		
Number of reported violent crime offenses per 100,000 population		For every 100 persons in the county, prevent 35 people from committing a violent crime.								White, GA	220.17
Source			Uniform Crime Reporting - FBI			Year(s)		2010-2012	Harrison, OH	79.45	
Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	72	Washington	105.17	70.04	35.13	↑Bad ↓Good	60.00	Tyler, WV	76.74		
Number of deaths due to injury per 100,000 population		For every 1,000 population consider ways to prevent 335 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	
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	94	Greene	14.80	13.14	1.66	↑Bad ↓Good	11.40	Tyler, WV	13.5		
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)		Reduce the average daily measure of fine particulate matter by 1.66 micrograms per cubic meter (PM2.5).								White, GA	13.38
Source			CDC WONDER Environmental data			Year(s)		2011	Harrison, OH	13.93	
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		
Percentage of population potentially exposed to water exceeding a violation limit during the past year		There were no health-based drinking water violations.								White, GA	Yes
Source			Safe Drinking Water Information System			Year(s)		FY2013-14	Harrison, OH	Yes	
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	36	Unicoi	13.33%	11.70%	1.63%	↑Bad ↓Good	19.00%	Tyler, WV	9.90%		
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 13 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%	
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	41	Grundy	84.22%	80.27%	3.95%	↑Bad ↓Good	76.00%	Tyler, WV	81.55%		
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.								White, GA	83.73%
Source			American Community Survey			Year(s)		2010-2014	Harrison, OH	83.65%	
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	75	Hamilton	46.60%	25.20%	21.40%	↑Bad ↓Good	31.00%	Tyler, WV	44.70%		
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 46 to carpool or take mass-transportation.								White, GA	41.90%
Source			American Community Survey			Year(s)		2010-2014	Harrison, OH	49.60%	
Physical Environment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	75	Hamilton	46.60%	25.20%	21.40%	↑Bad ↓Good	31.00%	Tyler, WV	44.70%		
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 46 to carpool or take mass-transportation.								White, GA	41.90%
Source			American Community Survey			Year(s)		2010-2014	Harrison, OH	49.60%	