



2015

DRIVE YOUR COUNTY TO THE TOP TEN:

Accelerating Action Towards Improving County Health

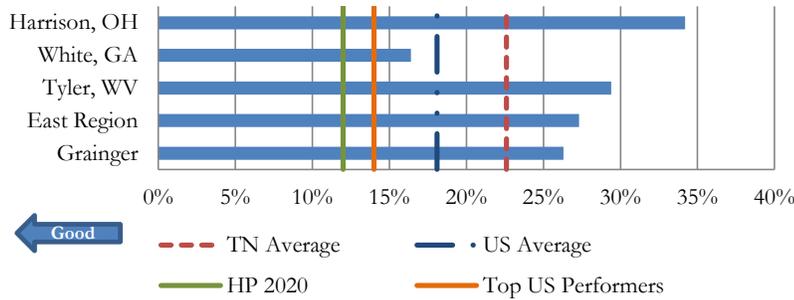
Grainger County



Demographics

Population:	22,702	<18 YOA:	21.23%	65+ YOA:	17.92%	% Rural:	100.00%
Unemployment:	10.51%	% Females:	49.87%	% Males:	50.13%	Graduation Rate:	92.00
Single parent households:	19.89%	MHI:	\$35,301				

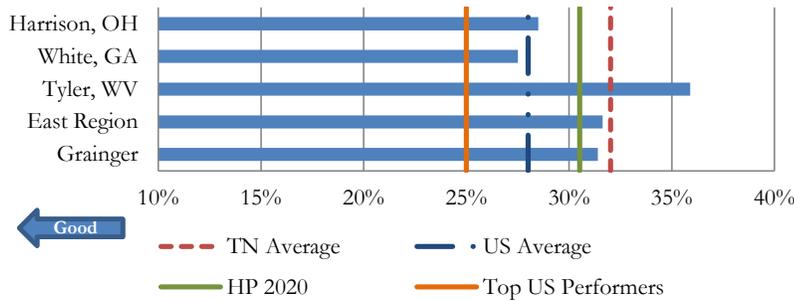
Adult Smoking



Top Third

Measure	Value
Drinking Water Violations	0.00%
Children in Single-Parent Households	19.89%
Violent Crime	144.58
Food Environment Index	7.80
Air Pollution - Particulate Matter	13.20
Poor Physical Health Days	4.00
Severe Housing Problems	12.30%
Poor or Fair Health	19.90%

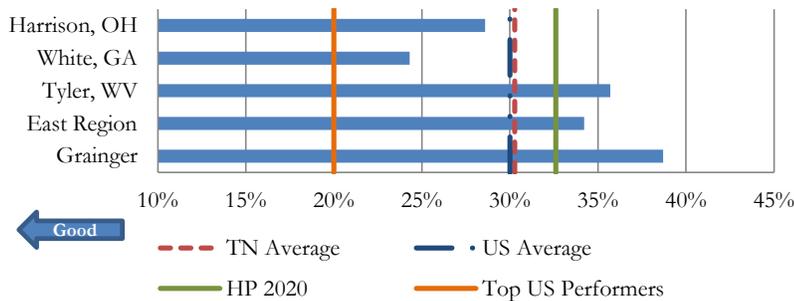
Adult Obesity



Middle Third

Measure	Value
Adult Obesity	31.40%
Income Inequality	4.43
Driving Alone to Work	84.34%
High School Graduation	92.00%
Teen Births	50.67
Children in Poverty	29.10%
Adult Smoking	26.30%
Sexually Transmitted Infections	308.30
Mental Health Providers	3784:1
Uninsured	17.31%

Physical Inactivity



Bottom Third

Measure	Value
Alcohol-Impaired Driving Deaths	54.84%
Physical Inactivity	38.70%
Primary Care Physicians	7569:1
Long Commute - Driving Alone	55.70%
Premature Death	12,062.45
Mammography Screening	50.57%
Some College	34.76%
Dentists	7567:1
Diabetic Monitoring	83.39%
Low Birthweight	9.79%

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>Premature Death</p> <p>86 Lewis 12062.45 7769.75 4292.70 ↑Bad ↓Good 6,811.00 Tyler, WV 9696.90</p> <p>Years of potential life lost before age 75 per 100,000 population (age-adjusted)</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>White, GA 8472.77</p> <p>Source National Center for Health Statistics - Mortality files Year(s) 2010-2012 Harrison, OH 8715.41</p>								
Health Factors	Quality of Life	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>Poor or Fair Health</p> <p>29 Putnam 19.90% 16.60% 3.30% ↑Bad ↓Good 12.40% Tyler, WV 15.80%</p> <p>Percentage of adults reporting fair or poor health (age-adjusted)</p> <p>Improve the health of 4 out of every 100 people in the county who, in general, report being in poor or fair health.</p> <p>White, GA 17.10%</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 Harrison, OH 17.60%</p>								
Health Factors	Quality of Life	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>Poor Physical Health Days*</p> <p>20 Chester 4.00 3.40 0.60 ↑Bad ↓Good 3.70 Tyler, WV NA</p> <p>Average number of physically unhealthy days reported in past 30 days (age-adjusted)</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>White, GA 4.40</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 Harrison, OH 8.80</p>								
Health Factors	Quality of Life	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>Poor Mental Health Days</p> <p>NA Henderson NA 2.80 NA ↑Bad ↓Good 3.50 Tyler, WV 3.00</p> <p>Average number of mentally unhealthy days reported in past 30 days (age-adjusted)</p> <p>No information available</p> <p>White, GA 6.20</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 Harrison, OH 3.10</p>								
Health Factors	Quality of Life	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>Low Birthweight</p> <p>77 Lewis 9.79% 7.29% 2.50% ↑Bad ↓Good 8.10% Tyler, WV 8.43%</p> <p>Percentage of live births with low birthweight (< 2500 grams)</p> <p>Reduce the number of low birth weight babies by 3 for every 100 live births.</p> <p>White, GA 7.09%</p> <p>Source National Center for Health Statistics - Natality files Year(s) 2006-2012 Harrison, OH 8.40%</p>								
Health Factors	Health Behaviors	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>Adult Smoking</p> <p>54 Knox 26.30% 18.50% 7.80% ↑Bad ↓Good 18.10% Tyler, WV 29.40%</p> <p>Percentage of adults who are current smokers</p> <p>Get 30 out of every 100 current adult smokers in the county to quit smoking.</p> <p>White, GA 16.40%</p> <p>Source Behavioral Risk Factor Surveillance System Year(s) 2006-2012 Harrison, OH 34.20%</p>								
Health Factors	Health Behaviors	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>Adult Obesity</p> <p>34 Hamilton 31.40% 29.10% 2.30% ↑Bad ↓Good 28.00% Tyler, WV 35.90%</p> <p>Percentage of adults that report a BMI of 30 or more</p> <p>Get 8 out of every 100 current obese adults in the county to reduce their BMI below 30.</p> <p>White, GA 27.50%</p> <p>Source CDC Diabetes Interactive Atlas Year(s) 2011 Harrison, OH 28.50%</p>								
Health Factors	Health Behaviors	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<p>Food Environment Index</p> <p>13 Williamson 7.80 8.9 1.1 ↑Good ↓Bad 7.60 Tyler, WV 7.90</p> <p>Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)</p> <p>Increase the county's food index score by 1.1.</p> <p>White, GA 8.10</p> <p>Source USDA Food Environment Atlas, Map the Meal Gap Year(s) 2012 Harrison, OH 7.70</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
	90	Wilson	38.70%	28.50%	10.20%	↑Bad ↓Good	30.00%	Tyler, WV	35.70%
Percentage of adults aged 20 and over reporting no leisure-time physical activity	Get 27 out of every 100 currently physically inactive adults to exercise during leisure time.							White, GA	24.30%
Source	CDC Diabetes Interactive Atlas			Year(s)	2011		Harrison, OH	28.60%	
Access to Exercise Opportunities	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	73	Loudon	37.71%	78.50%	40.79%	↑Good ↓Bad	77.00%	Tyler, WV	69.01%
Percentage of population with adequate access to locations for physical activity	Consider how to remove barriers to access exercise locations to reach an additional 40.79 percent of the county's population.							White, GA	96.20%
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)	2010 & 2013		Harrison, OH	54.37%	
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%	Tyler, WV	17.20%
Percentage of adults reporting binge or heavy drinking	No information available							White, GA	NA
Source	Behavioral Risk Factor Surveillance System			Year(s)	2006-2012		Harrison, OH	18.40%	
Alcohol-Impaired Driving Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	93	McNairy	54.84%	18.75%	36.09%	↑Bad ↓Good	32.00%	Tyler, WV	16.67%
Percentage of driving deaths with alcohol involvement	Reduce the number of alcohol related driving deaths by 36.09 percent.							White, GA	31.82%
Source	Fatality Analysis Reporting System			Year(s)	2009-2013		Harrison, OH	25.00%	
Sexually Transmitted Infections	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	55	Scott	308.30	144.30	164.00	↑Bad ↓Good	458.00	Tyler, WV	77.50
Number of newly diagnosed chlamydia cases per 100,000 population	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.							White, GA	206.90
Source	National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)	2012		Harrison, OH	152.70	
Teen Births	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	50	Putnam	50.67	37.04	13.63	↑Bad ↓Good	31.00	Tyler, WV	48.99
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 27 teen(s) from becoming pregnant.							White, GA	33.71
Source	National Center for Health Statistics - Natality files			Year(s)	2006-2012		Harrison, OH	45.04	

Clinical Care

Uninsured	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	63	Blount	17.31%	14.64%	2.68%	↑Bad ↓Good	18.00%	Tyler, WV	18.46%
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.							White, GA	21.06%
Source	Small Area Health Insurance Estimates			Year(s)	2012		Harrison, OH	13.65%	
Primary Care Physicians	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	89	Anderson	7569:1	1397:1	6172	↑Bad ↓Good	1,355.00	Tyler, WV	1506:1
Ratio of population to primary care physicians	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 14 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	4593:1
Source	Area Health Resource File/American Medical Association			Year(s)	2012		Harrison, OH	1964:1	
Dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	81	Maury	7567:1	1675:1	5892	↑Bad ↓Good	1,663.00	Tyler, WV	8995:1
Ratio of population to dentists	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 11 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	3475:1
Source	Area Health Resource File/American Medical Association			Year(s)	2013		Harrison, OH	7811:1	

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		61	McNairy	3784:1	688:1	3096	↑Bad ↓Good	753	Tyler, WV	4498:1
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 27 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	1544:1
		Source			CMS, National Provider Identification file			Year(s)		2014	Harrison, OH	3124:1
		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		71	Marshall	106.52	58.47	48.05	↑Bad ↓Good	65.00	Tyler, WV	92.72		
		For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.									White, GA	48.74
		Source			Dartmouth Atlas of Health Care			Year(s)		2012	Harrison, OH	98.94
		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		81	Crockett	83.39%	88.92%	5.54%	↑Good ↓Bad	84.00%	Tyler, WV	84.68%		
		For every 100 diabetic Medicare enrollees, get 6 additional Medicare enrollees to receive HbA1c screening.									White, GA	87.65%
		Source			Dartmouth Atlas of Health Care			Year(s)		2012	Harrison, OH	74.37%
		Mammography Screening		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening		86	Knox	50.57%	65.71%	15.15%	↑Good ↓Bad	63.00%	Tyler, WV	63.49%		
		For every 100 female Medicare enrollees, get 16 additional Medicare enrollees to receive their mammography screening.									White, GA	66.05%
		Source			Dartmouth Atlas of Health Care			Year(s)		2012	Harrison, OH	41.22%
		High School Graduation		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of ninth-grade cohort that graduates in four years		44	Carroll	92.00%	95.32%	3.32%	↑Good ↓Bad	80.00%	Tyler, WV	92.50%		
		For every 100 ninth graders, assist 4 additional ninth graders to graduate within four years.									White, GA	90.00%
		Source			data.gov, supplemented w/ National Center for Education Statistics			Year(s)		2011-2012	Harrison, OH	87.50%
		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		83	Shelby	34.76%	62.09%	27.33%	↑Good ↓Bad	63.00%	Tyler, WV	42.25%		
		For every 100 adults between 25-44 years of age, assist 2734 additional adults to complete some coursework at the collegiate level.									White, GA	50.88%
		Source			American Community Survey			Year(s)		2009-2013	Harrison, OH	49.53%
		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		66	Blount	10.51%	6.89%	3.62%	↑Bad ↓Good	8.10%	Tyler, WV	7.97%		
		For every 100 persons ages 16 years and older, help 4 persons successfully find employment.									White, GA	7.75%
		Source			Bureau of Labor Statistics			Year(s)		2013	Harrison, OH	7.64%
		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		50	Montgomery	29.10%	21.40%	7.70%	↑Bad ↓Good	23.00%	Tyler, WV	26.10%		
		For every 100 children (under 18 years) in poverty, help 27 children to find assistance to get out of poverty.									White, GA	30.10%
		Source			Small Area Income and Poverty Estimates			Year(s)		2013	Harrison, OH	26.10%
		Income Inequality		Rank	10th Ranked	Value	10th 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		34	Williamson	4.43	4.11	0.32	↑Bad ↓Good	NA	Tyler, WV	4.49		
		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	4.20
		Source			American Community Survey			Year(s)		2009-2013	Harrison, OH	4.32

Health Factors

Clinical Care

Social & Economic Factors

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
	4	Overton	19.89%	15.20%	4.69%	↑Bad ↓Good	21.00%	Tyler, WV	26.82%
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 24 households to be a multi-parent household.							White, GA	39.19%
Source	American Community Survey		Year(s)		2009-2013		Harrison, OH	28.61%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
71	Henry	8.81	16.70	7.89	↑Good ↓Bad	33.00%	Tyler, WV	14.39	
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	10.16
Source	County Business Patterns		Year(s)		2012		Harrison, OH	18.45	
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	387.00	Tyler, WV	174.23	
Number of reported violent crime offenses per 100,000 population	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	
Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
71	Fayette	106.17	68.81	37.36	↑Bad ↓Good	59.00	Tyler, WV	91.35	
Number of deaths due to injury per 100,000 population	For every 1,000 population consider ways to prevent 352 deaths as a result of intentional and unintentional injury.							White, GA	76.73
Source	CDC WONDER mortality data		Year(s)		2008-2012		Harrison, OH	74.55	
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	11.10	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 0.06 micrograms per cubic meter (PM2.5).							White, GA	13.38
Source	CDC WONDER Environmental data		Year(s)		2011		Harrison, OH	13.93	

Physical Environment

Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
1	Anderson	0.00%	0.00%	0.00%	↑Bad ↓Good	8.00%	Tyler, WV	0.00%	
Percentage of population potentially exposed to water exceeding a violation limit during the past year	No Action Required							White, GA	0.32%
Source	Safe Drinking Water Information System		Year(s)		FY2013-14		Harrison, OH	19.10%	
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
26	Lewis	12.30%	10.96%	1.35%	↑Bad ↓Good	19.00%	Tyler, WV	9.07%	
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 11 person(s) to find housing assistance.							White, GA	15.97%
Source	Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2007-2011		Harrison, OH	15.95%	
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
42	Davidson	84.34%	80.03%	4.31%	↑Bad ↓Good	76.00%	Tyler, WV	79.82%	
Percentage of the workforce that drives alone to work	For every 100 persons that currently drive alone to work, convince 6 to carpool or take mass-transportation.							White, GA	82.99%
Source	American Community Survey		Year(s)		2009-2013		Harrison, OH	85.82%	
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
89	Hamilton	55.70%	25.10%	30.60%	↑Bad ↓Good	34.00%	Tyler, WV	41.00%	
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 55 to carpool or take mass-transportation.							White, GA	41.00%
Source	American Community Survey		Year(s)		2009-2013		Harrison, OH	48.90%	