2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING
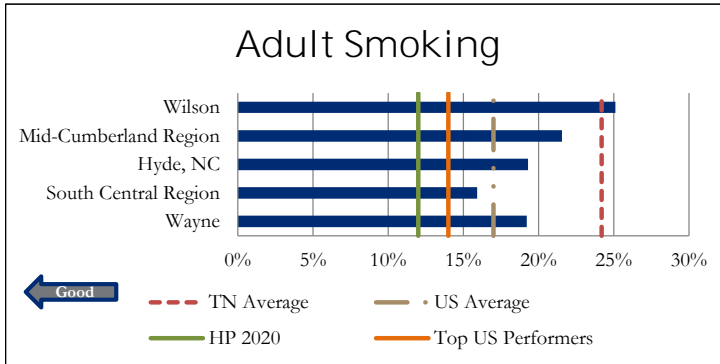
Wayne County

TN Department of
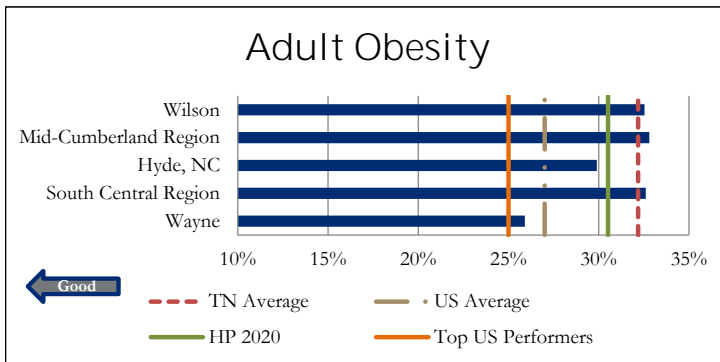**Health**

Demographics

Population:	16,913	**<18 YOA:**	18.49%	**65+ YOA:**	18.27%	**% Rural:**	100.00%
Unemployment:	8.79%	**% Females:**	44.90%	**% Males:**	55.10%	**Graduation Rate:**	92.50%
Single parent households:	29.74%	**MHI:**	$33,573				

Adult Smoking

Wilson
Mid-Cumberland Region
Hyde, NC
South Central Region
Wayne

0% 5% 10% 15% 20% 25% 30%

Good ←

- - - TN Average   ···· US Average
—— HP 2020   —— Top US Performers

Adult Obesity

Wilson
Mid-Cumberland Region
Hyde, NC
South Central Region
Wayne

10% 15% 20% 25% 30% 35%

Good ←

- - - TN Average   ···· US Average
—— HP 2020   —— Top US Performers

Physical Inactivity

Wilson
Mid-Cumberland Region
Hyde, NC
South Central Region
Wayne

10% 15% 20% 25% 30% 35% 40%

Good ←

- - - TN Average   ···· US Average
—— HP 2020   —— Top US Performers

Top Third

Measure	Value
Severe Housing Problems	10.98%
Sexually Transmitted Infections	135.33
Violent Crime	183.28
Low Birthweight	7.42%
Teen Births	36.84
Driving Alone to Work	83.32%
Premature Death	9081.40
High School Graduation	92.50%
Children in Single-Parent Households	29.74%

Middle Third

Measure	Value
Poor Mental Health Days	4.70
Income Inequality	4.58
Adult Obesity	32.80%
Injury Deaths	92.99
Long Commute - Driving Alone	36.80%
Air Pollution - Particulate Matter	13.69
Physical Inactivity	36.60%
Poor Physical Health Days	4.90
Excessive Drinking	11.70%
Primary Care Physicians	2823:1
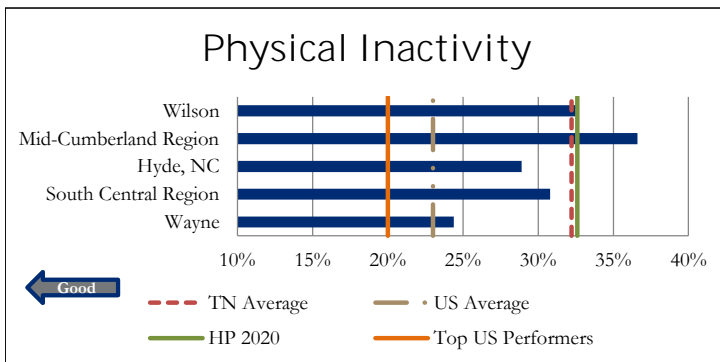
Bottom Third

Measure	Value
Dentists	16913:1
Some College	34.07%
Diabetic Monitoring	82.99%
Alcohol-Impaired Driving Deaths	44.44%
Mental Health Providers	16913:1
Preventable Hosptial Stays	117.15
Social Associations	7.08
Adult Smoking	25.10%
Uninsured	18.48%
Poor or Fair Health	23.90%

Tobacco Use   Obesity   Physical Inactivity   Substance Abuse

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

Years of potential life lost before age 75 per 100,000 population (age-adjusted)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	30	Knox	9081.40	7735.80	1345.60	↑Bad ↓Good	6,600.00	Avery, NC	6874.60
	For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Tyler, TX	11563.80
Source	National Center for Health Statistics - Mortality files				Year(s)	2011-2013		Hyde, NC	8268.30

Quality of Life

Poor or Fair Health*

Percentage of adults reporting fair or poor health (age-adjusted)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	79	Rutherford	23.90%	19.60%	4.30%	↑Bad ↓Good	18.00%	Avery, NC	17.70%
	Improve the health of 5 out of every 100 people in the county who, in general, report being in poor or fair health.							Tyler, TX	15.20%
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Hyde, NC	19.10%

Poor Physical Health Days*

Average number of physically unhealthy days reported in past 30 days (age-adjusted)

	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	Avery, NC	3.90
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Tyler, TX	3.40
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Hyde, NC	3.90

Poor Mental Health Days*

Average number of mentally unhealthy days reported in past 30 days (age-adjusted)

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	41	Williamson	4.70	3.80	0.90	↑Bad ↓Good	2.8	Avery, NC	3.80
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Tyler, TX	3.10
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Hyde, NC	3.70

Low Birthweight

Percentage of live births with low birthweight (< 2500 grams)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	11	Pickett	7.42%	7.24%	0.18%	↑Bad ↓Good	8.00%	Avery, NC	7.04%
	Reduce the number of low birth weight babies by 1 for every 100 live births.							Tyler, TX	8.41%
Source	National Center for Health Statistics - Natality files				Year(s)	2007-2013		Hyde, NC	8.77%

Health Factors

Health Behaviors

Adult Smoking*

Percentage of adults who are current smokers

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	81	Humphreys	25.10%	21.10%	4.00%	↑Bad ↓Good	17.00%	Avery, NC	19.20%
	Get 16 out of every 100 current adult smokers in the county to quit smoking.							Tyler, TX	15.90%
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Hyde, NC	19.30%

Adult Obesity

Percentage of adults that report a BMI of 30 or more

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	47	Hamilton	32.80%	29.90%	2.90%	↑Bad ↓Good	27.00%	Avery, NC	25.90%
	Get 9 out of every 100 current obese adults in the county to reduce their BMI below 30.							Tyler, TX	32.60%
Source	CDC Diabetes Interactive Atlas				Year(s)	2012		Hyde, NC	29.90%

Food Environment Index

Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)

	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	73	Cannon	6.50	7.9	1.4	↑Good ↓Bad	7.20	Avery, NC	7.60
	Increase the county's food index score by 1.4.							Tyler, TX	4.00
Source	USDA Food Environment Atlas, Map the Meal Gap				Year(s)	2013		Hyde, NC	4.10

Health Factors

Health Behaviors

Physical Inactivity
Percentage of adults aged 20 and over reporting no leisure-time physical activity

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
51	Shelby	36.60%	30.20%	6.40%	↑Bad ↓Good	23.00%	Avery, NC	24.40%

Get 18 out of every 100 currently physically inactive adults to exercise during leisure time.

Tyler, TX	30.80%

Source	CDC Diabetes Interactive Atlas	Year(s)	2012	Hyde, NC	28.90%

Access to Exercise Opportunities
Percentage of population with adequate access to locations for physical activity

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
72	Loudon	32.49%	78.48%	45.99%	↑Good ↓Bad	84.00%	Avery, NC	100.00%

Consider how to remove barriers to access exercise locations to reach an additional 45.99 percent of the county's population.

Tyler, TX	39.71%

Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files	Year(s)	2010 & 2014	Hyde, NC	26.52%

Excessive Drinking
Percentage of adults reporting binge or heavy drinking

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
58	Benton	11.70%	10.60%	1.10%	↑Bad ↓Good	17.00%	Avery, NC	15.10%

Get 10 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.

Tyler, TX	17.60%

Source	Behavioral Risk Factor Surveillance System	Year(s)	2014	Hyde, NC	14.40%

Alcohol-Impaired Driving Deaths
Percentage of driving deaths with alcohol involvement

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
85	Sullivan	44.44%	19.17%	25.28%	↑Bad ↓Good	31.00%	Avery, NC	27.27%

Reduce the number of alcohol related driving deaths by 25.28 percent.

Tyler, TX	12.12%

Source	Fatality Analysis Reporting System	Year(s)	2010-2014	Hyde, NC	14.29%

Sexually Transmitted Infections
Number of newly diagnosed chlamydia cases per 100,000 population

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
7	Moore	135.33	126.20	9.12	↑Bad ↓Good	446.60	Avery, NC	68.05

Consider ways to educate 1 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.

Tyler, TX	167.77

Source	National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention	Year(s)	2013	Hyde, NC	221.88

Teen Births
Teen birth rate per 1,000 female population, ages 15-19

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
13	Putnam	36.84	34.87	1.96	↑Bad ↓Good	35.00	Avery, NC	25.26

For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 6 teen(s) from becoming pregnant.

Tyler, TX	64.73

Source	National Center for Health Statistics - Natality files	Year(s)	2007-2013	Hyde, NC	38.10

Clinical Care

Uninsured
Percentage of population under age 65 without health insurance

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
81	Cheatham	18.48%	14.54%	3.94%	↑Bad ↓Good	17.00%	Avery, NC	24.60%

Get 22 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.

Tyler, TX	23.59%

Source	Small Area Health Insurance Estimates	Year(s)	2013	Hyde, NC	23.34%

Primary Care Physicians
Ratio of population to primary care physicians

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
62	Coffee	2823:1	1368:1	1455	↑Bad ↓Good	1320:1	Avery, NC	1476:1

To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 46 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.

Tyler, TX	4293:1

Source	Area Health Resource File/American Medical Association	Year(s)	2013	Hyde, NC	5721:1

Dentists
Ratio of population to dentists

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
91	Dickson	16913:1	1744:1	15169	↑Bad ↓Good	1540:1	Avery, NC	5924:1

To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 63 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.

Tyler, TX	10709:1

Source	Area Health Resource File/National Provider Identification file	Year(s)	2014	Hyde, NC	

Health Factors

Clinical Care

Mental Health Providers	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	85	Henry	16913:1	644:1	16269	↑Bad ↓Good	490:1	Avery, NC	273:1
Ratio of population to mental health providers	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 183 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.							Tyler, TX	3570:1
	Source	CMS, National Provider Identification file				Year(s)	2015	Hyde, NC	946:1

Preventable Hospital Stays	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	85	Anderson	117.15	50.27	66.88	↑Bad ↓Good	54.00	Avery, NC	84.73
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.							Tyler, TX	87.49
	Source	Dartmouth Atlas of Health Care				Year(s)	2013	Hyde, NC	52.23

Diabetic Monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	87	Giles	82.99%	89.20%	6.22%	↑Good ↓Bad	63.00%	Avery, NC	83.66%
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	For every 100 diabetic Medicare enrollees, get 7 additional Medicare enrollees to receive HbA1c screening.							Tyler, TX	81.90%
	Source	Dartmouth Atlas of Health Care				Year(s)	2013	Hyde, NC	93.75%

Mammography Screening	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	67	Cumberland	56.00%	71.00%	15.00%	↑Good ↓Bad	63.00%	Avery, NC	63.00%
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	For every 100 female Medicare enrollees, get 15 additional Medicare enrollees to receive their mammography screening.							Tyler, TX	48.00%
	Source	Dartmouth Atlas of Health Care				Year(s)	2013	Hyde, NC	78.00%

Social & Economic Factors

High School Graduation	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	30	Tipton	92.50%	98.00%	5.50%	↑Good ↓Bad	82.00%	Avery, NC	81.99%
Percentage of ninth-grade cohort that graduates in four years	For every 100 ninth graders, assist 6 additional ninth graders to graduate within four years.							Tyler, TX	88.06%
	Source	EDFacts				Year(s)	2012-2013	Hyde, NC	NA

Some College	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	89	Shelby	34.07%	62.28%	28.21%	↑Good ↓Bad	64.00%	Avery, NC	56.70%
Percentage of adults ages 25-44 years with some post-secondary education	For every 100 adults between 25-44 years of age, assist 29 additional adults to complete some coursework at the collegiate level.							Tyler, TX	44.72%
	Source	American Community Survey				Year(s)	2010-2014	Hyde, NC	44.56%

Unemployment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	72	Robertson	8.79%	5.69%	3.10%	↑Bad ↓Good	6.20%	Avery, NC	6.35%
Percentage of population ages 16 and older unemployed but seeking work	For every 100 persons ages 16 years and older, help 4 persons successfully find employment.							Tyler, TX	8.00%
	Source	Bureau of Labor Statistics				Year(s)	2014	Hyde, NC	8.91%

Children in Poverty	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	68	Dickson	30.90%	21.10%	9.80%	↑Bad ↓Good	22.00%	Avery, NC	31.70%
Percentage of children under age 18 in poverty	For every 100 children (under 18 years) in poverty, help 32 children to find assistance to get out of poverty.							Tyler, TX	26.30%
	Source	Small Area Income and Poverty Estimates				Year(s)	2014	Hyde, NC	28.70%

Income Inequality	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	44	Houston	4.58	4.11	0.47	↑Bad ↓Good	4.70	Avery, NC	4.35
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).							Tyler, TX	4.34
	Source	American Community Survey				Year(s)	2010-2014	Hyde, NC	2.88

Health Factors

Social & Economic Factors

Children in Single-Parent Households

Percentage of children that live in a household headed by single parent

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	30	Lawrence	29.74%	23.36%	6.38%	↑Bad ↓Good	34.00%	Avery, NC	20.24%
For every 100 single parent households in the county, investigate ways to encourage 22 households to be a multi-parent household.								Tyler, TX	30.11%
Source		American Community Survey			Year(s)		2010-2014	Hyde, NC	51.41%

Social Associations

Number of membership associations per 10,000 population

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	84	Johnson	7.08	16.13	9.05	↑Good ↓Bad	9.00	Avery, NC	18.63
For every 100 people in the county, increase the number of membership associations by 1.								Tyler, TX	14.44
Source		County Business Patterns			Year(s)		2013	Hyde, NC	12.24

Violent Crime

Number of reported violent crime offenses per 100,000 population

	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	9	Grainger	183.28	144.58	38.70	↑Bad ↓Good	392.00	Avery, NC	130.75
For every 100 persons in the county, prevent 22 people from committing a violent crime.								Tyler, TX	359.20
Source		Uniform Crime Reporting - FBI			Year(s)		2010-2012	Hyde, NC	NA

Injury Deaths

Number of deaths due to injury per 100,000 population

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	47	Washington	92.99	70.04	22.95	↑Bad ↓Good	60.00	Avery, NC	80.10
For every 1,000 population consider ways to prevent 247 deaths as a result of intentional and unintentional injury.								Tyler, TX	96.22
Source		CDC WONDER mortality data			Year(s)		2009-2013	Hyde, NC	62.10

Air Pollution - Particulate Matter

Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	50	Greene	13.69	13.14	0.55	↑Bad ↓Good	11.40	Avery, NC	13.01
Reduce the average daily measure of fine particulate matter by 0.55 micrograms per cubic meter (PM2.5).								Tyler, TX	9.19
Source		CDC WONDER Environmental data			Year(s)		2011	Hyde, NC	11.46

Physical Environment

Drinking Water Violations

Percentage of population potentially exposed to water exceeding a violation limit during the past year

	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	Avery, NC	Yes
There were no health-based drinking water violations.								Tyler, TX	Yes
Source		Safe Drinking Water Information System			Year(s)		FY2013-14	Hyde, NC	No

Severe Housing Problems

Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities

	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	6	Hawkins	10.98%	10.40%	0.58%	↑Bad ↓Good	19.00%	Avery, NC	14.58%
For every 100 persons in the county experiencing housing problems, help 6 person(s) to find housing assistance.								Tyler, TX	12.53%
Source		Comprehensive Housing Affordability Strategy (CHAS) data			Year(s)		2008-2012	Hyde, NC	14.39%

Driving Alone to Work

Percentage of the workforce that drives alone to work

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	29	Grundy	83.32%	80.27%	3.05%	↑Bad ↓Good	76.00%	Avery, NC	80.99%
For every 100 persons that currently drive alone to work, convince 4 to carpool or take mass-transportation.								Tyler, TX	75.15%
Source		American Community Survey			Year(s)		2010-2014	Hyde, NC	63.04%

Long Commute - Driving Alone

Among workers who commute in their car alone, the percentage that commute more than 30 minutes

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	48	Hamilton	36.80%	25.20%	11.60%	↑Bad ↓Good	31.00%	Avery, NC	35.80%
For every 100 persons that currently drive more than 30 minutes alone to work, convince 32 to carpool or take mass-transportation.								Tyler, TX	44.20%
Source		American Community Survey			Year(s)		2010-2014	Hyde, NC	21.20%