2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING

Wilson County

TN Department of
Health

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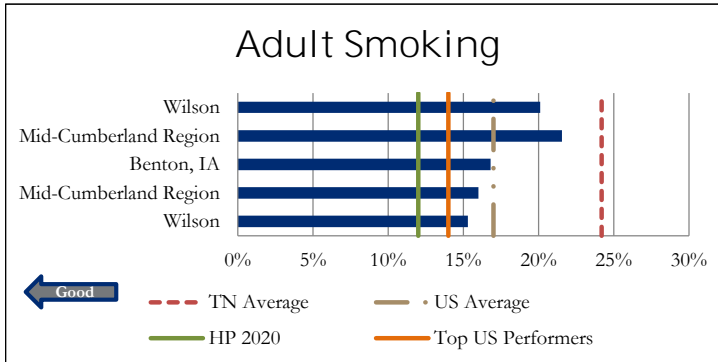
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TN Department of **Health**

Demographics

Population:	125,376	**<18 YOA:**	24.24%	**65+ YOA:**	14.51%	**% Rural:**	38.50%
Unemployment:	5.30%	**% Females:**	50.90%	**% Males:**	49.10%	**Graduation Rate:**	95.00%
Single parent households:	27.08%	**MHI:**	$60,955				

Adult Smoking

- Wilson
- Mid-Cumberland Region
- Benton, IA
- Mid-Cumberland Region
- Wilson

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

Good

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

Adult Obesity

- Wilson
- Mid-Cumberland Region
- Benton, IA
- Mid-Cumberland Region
- Wilson

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

Good

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

Physical Inactivity

- Wilson
- Mid-Cumberland Region
- Benton, IA
- Mid-Cumberland Region
- Wilson

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

Good

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

Top Third

Measure	Value
Poor or Fair Health	17.30%
Poor Physical Health Days	4.00
Poor Mental Health Days	4.10
Uninsured	13.05%
Children in Poverty	14.00%
Premature Death	6514.50
Adult Smoking	20.10%
Food Environment Index	8.00
Teen Births	31.36
Unemployment	5.30%
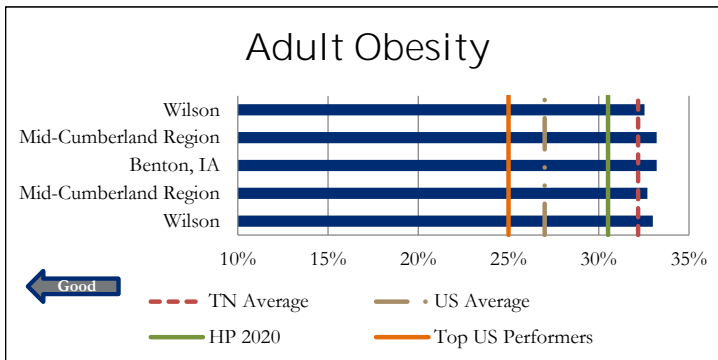
Middle Third

Measure	Value
Dentists	2726:1
Sexually Transmitted Infections	250.50
Mental Health Providers	1871:1
Preventable Hosptial Stays	70.02
Social Associations	10.58
Adult Obesity	33.20%
Primary Care Physicians	2541:1
Violent Crime	388.64
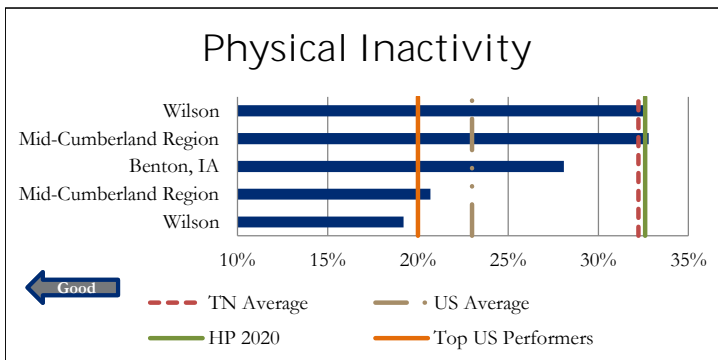
Bottom Third

Measure	Value
Excessive Drinking	13.20%
Air Pollution - Particulate Matter	14.25
Long Commute - Driving Alone	46.40%
Diabetic Monitoring	85.08%
Alcohol-Impaired Driving Deaths	35.56%
Driving Alone to Work	86.11%

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	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	3	Williamson	6514.50	3683.80	2830.70	↑Bad ↓Good	6,600.00	Le Sueur, MN	4973.30
	For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Clinton, MI	4896.80
Source	National Center for Health Statistics - Mortality files				Year(s)	2011-2013		Benton, IA	4780.80

Quality of Life

Poor or Fair Health*

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

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	2	Williamson	17.30%	13.70%	3.60%	↑Bad ↓Good	18.00%	Le Sueur, MN	10.80%
	Improve the health of 4 out of every 100 people in the county who, in general, report being in poor or fair health.							Clinton, MI	11.10%
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Benton, IA	10.60%

Poor Physical Health Days*

Average number of physically 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
	2	Williamson	4.00	3.40	0.60	↑Bad ↓Good	3.8	Le Sueur, MN	2.70
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Clinton, MI	3.20
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Benton, IA	2.70

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
	2	Williamson	4.10	3.80	0.30	↑Bad ↓Good	2.8	Le Sueur, MN	2.70
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Clinton, MI	3.30
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Benton, IA	2.80

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
	21	Pickett	7.92%	7.24%	0.68%	↑Bad ↓Good	8.00%	Le Sueur, MN	5.35%
	Reduce the number of low birth weight babies by 1 for every 100 live births.							Clinton, MI	6.75%
Source	National Center for Health Statistics - Natality files				Year(s)	2007-2013		Benton, IA	6.90%

Health Factors

Health Behaviors

Adult Smoking*

Percentage of adults who are current smokers

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	4	Williamson	20.10%	16.20%	3.90%	↑Bad ↓Good	17.00%	Le Sueur, MN	15.30%
	Get 20 out of every 100 current adult smokers in the county to quit smoking.							Clinton, MI	16.00%
Source	Behavioral Risk Factor Surveillance System				Year(s)	2014		Benton, IA	16.80%

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
	52	Hamilton	33.20%	29.90%	3.30%	↑Bad ↓Good	27.00%	Le Sueur, MN	33.00%
	Get 10 out of every 100 current obese adults in the county to reduce their BMI below 30.							Clinton, MI	32.70%
Source	CDC Diabetes Interactive Atlas				Year(s)	2012		Benton, IA	33.20%

Food Environment Index

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

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	4	Williamson	8.00	8.8	0.8	↑Good ↓Bad	7.20	Le Sueur, MN	9.00
	Increase the county's food index score by 0.8.							Clinton, MI	8.30
Source	USDA Food Environment Atlas, Map the Meal Gap				Year(s)	2013		Benton, IA	8.30

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
	19	Shelby	32.80%	30.20%	2.60%	↑Bad ↓Good	23.00%	Le Sueur, MN	19.20%
	**Get 8 out of every 100 currently physically inactive adults to exercise during leisure time.**							Clinton, MI	20.70%
	Source	CDC Diabetes Interactive Atlas				**Year(s)**	2012	Benton, IA	28.10%

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
	12	Loudon	76.53%	78.48%	1.95%	↑Good ↓Bad	84.00%	Le Sueur, MN	66.93%
	Consider how to remove barriers to access exercise locations to reach an additional 1.95 percent of the county's population.							Clinton, MI	71.04%
	Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files				**Year(s)**	2010 & 2014	Benton, IA	64.59%

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
	91	Benton	13.20%	10.60%	2.60%	↑Bad ↓Good	17.00%	Le Sueur, MN	23.10%
	Get 20 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.							Clinton, MI	21.70%
	Source	Behavioral Risk Factor Surveillance System				**Year(s)**	2014	Benton, IA	20.50%

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
	68	Sullivan	35.56%	19.17%	16.39%	↑Bad ↓Good	31.00%	Le Sueur, MN	50.00%
	Reduce the number of alcohol related driving deaths by 16.39 percent.							Clinton, MI	17.24%
	Source	Fatality Analysis Reporting System				**Year(s)**	2010-2014	Benton, IA	41.38%

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

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	36	Overton	250.50	153.22	97.28	↑Bad ↓Good	446.60	Le Sueur, MN	169.82
	Consider ways to educate 4 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.							Clinton, MI	219.73
	Source National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention					**Year(s)**	2013	Benton, IA	240.06

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

	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	6	Knox	31.36	31.09	0.27	↑Bad ↓Good	35.00	Le Sueur, MN	20.53
	For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 1 teen(s) from becoming pregnant.							Clinton, MI	15.01
	Source	National Center for Health Statistics - Natality files				**Year(s)**	2007-2013	Benton, IA	18.05

Clinical Care

Uninsured
Percentage of population under age 65 without health insurance

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	2	Williamson	13.05%	8.89%	4.16%	↑Bad ↓Good	17.00%	Le Sueur, MN	8.94%
	Get 32 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Clinton, MI	9.93%
	Source	Small Area Health Insurance Estimates				**Year(s)**	2013	Benton, IA	8.07%

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
	53	Coffee	2541:1	1368:1	1173	↑Bad ↓Good	1320:1	Le Sueur, MN	9270:1
	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 42 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.							Clinton, MI	2646:1
	Source	Area Health Resource File/American Medical Association				**Year(s)**	2013	Benton, IA	6425:1

Dentists
Ratio of population to dentists

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	32	Dickson	2726:1	1744:1	982	↑Bad ↓Good	1540:1	Le Sueur, MN	3471:1
	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 26 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.							Clinton, MI	3681:1
	Source	Area Health Resource File/National Provider Identification file				**Year(s)**	2014	Benton, IA	4280:1

Health Factors										

Clinical Care

Mental Health Providers
Ratio of population to mental health providers

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
37	Henry	1871:1	644:1	1227	↑Bad ↓Good	490:1	Le Sueur, MN	4628:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 125 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.							Clinton, MI	1189:1
Source	CMS, National Provider Identification file				Year(s)	2015	Benton, IA	12840:1

Preventable Hospital Stays
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
41	Anderson	70.02	50.27	19.75	↑Bad ↓Good	54.00	Le Sueur, MN	33.87
For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.							Clinton, MI	47.84
Source	Dartmouth Atlas of Health Care				Year(s)	2013	Benton, IA	53.52

Diabetic Monitoring
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
69	Giles	85.08%	89.20%	4.12%	↑Good ↓Bad	63.00%	Le Sueur, MN	93.44%
For every 100 diabetic Medicare enrollees, get 5 additional Medicare enrollees to receive HbA1c screening.							Clinton, MI	87.18%
Source	Dartmouth Atlas of Health Care				Year(s)	2013	Benton, IA	88.37%

Mammography Screening
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
26	Cumberland	62.00%	71.00%	9.00%	↑Good ↓Bad	63.00%	Le Sueur, MN	61.00%
For every 100 female Medicare enrollees, get 9 additional Medicare enrollees to receive their mammography screening.							Clinton, MI	73.00%
Source	Dartmouth Atlas of Health Care				Year(s)	2013	Benton, IA	70.00%

Social & Economic Factors

High School Graduation
Percentage of ninth-grade cohort that graduates in four years

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
13	Tipton	95.00%	98.00%	3.00%	↑Good ↓Bad	82.00%	Le Sueur, MN	89.75%
For every 100 ninth graders, assist 3 additional ninth graders to graduate within four years.							Clinton, MI	87.39%
Source	EDFacts				Year(s)	2012-2013	Benton, IA	90.86%

Some College
Percentage of adults ages 25-44 years with some post-secondary education

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
8	Davidson	63.66%	67.02%	3.36%	↑Good ↓Bad	64.00%	Le Sueur, MN	64.33%
For every 100 adults between 25-44 years of age, assist 4 additional adults to complete some coursework at the collegiate level.							Clinton, MI	77.20%
Source	American Community Survey				Year(s)	2010-2014	Benton, IA	69.31%

Unemployment
Percentage of population ages 16 and older unemployed but seeking work

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
6	Sumner	5.30%	5.28%	0.02%	↑Bad ↓Good	6.20%	Le Sueur, MN	5.25%
For every 100 persons ages 16 years and older, help 1 persons successfully find employment.							Clinton, MI	4.99%
Source	Bureau of Labor Statistics				Year(s)	2014	Benton, IA	4.79%

Children in Poverty
Percentage of children under age 18 in poverty

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
2	Williamson	14.00%	6.00%	8.00%	↑Bad ↓Good	22.00%	Le Sueur, MN	10.90%
For every 100 children (under 18 years) in poverty, help 58 children to find assistance to get out of poverty.							Clinton, MI	11.00%
Source	Small Area Income and Poverty Estimates				Year(s)	2014	Benton, IA	11.70%

Income Inequality
Ratio of household income at the 80th percentile to income at the 20th percentile

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
9	Rutherford	4.05	3.82	0.23	↑Bad ↓Good	4.70	Le Sueur, MN	3.69
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).							Clinton, MI	3.96
Source	American Community Survey				Year(s)	2010-2014	Benton, IA	3.70

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
	16	Lawrence	27.08%	23.36%	3.72%	↑Bad ↓Good	34.00%	Le Sueur, MN	27.09%
For every 100 single parent households in the county, investigate ways to encourage 14 households to be a multi-parent household.								Clinton, MI	25.16%
Source		American Community Survey			Year(s)		2010-2014	Benton, IA	22.45%

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
	51	Johnson	10.58	16.13	5.55	↑Good ↓Bad	9.00	Le Sueur, MN	16.90
For every 100 people in the county, increase the number of membership associations by 1.								Clinton, MI	8.34
Source		County Business Patterns			Year(s)		2013	Benton, IA	15.95

Violent Crime
Number of reported violent crime offenses per 100,000 population

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	58	Carter	388.64	206.33	182.31	↑Bad ↓Good	392.00	Le Sueur, MN	64.25
For every 100 persons in the county, prevent 47 people from committing a violent crime.								Clinton, MI	105.64
Source		Uniform Crime Reporting - FBI			Year(s)		2010-2012	Benton, IA	83.27

Injury Deaths
Number of deaths due to injury per 100,000 population

	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	6	Madison	63.37	63.25	0.12	↑Bad ↓Good	60.00	Le Sueur, MN	50.51
For every 1,000 population consider ways to prevent 2 deaths as a result of intentional and unintentional injury.								Clinton, MI	39.64
Source		CDC WONDER mortality data			Year(s)		2009-2013	Benton, IA	62.40

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
	79	Greene	14.25	13.14	1.11	↑Bad ↓Good	11.40	Le Sueur, MN	12.55
Reduce the average daily measure of fine particulate matter by 1.11 micrograms per cubic meter (PM2.5).								Clinton, MI	12.14
Source		CDC WONDER Environmental data			Year(s)		2011	Benton, IA	11.01

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	Le Sueur, MN	No
There were no health-based drinking water violations.								Clinton, MI	Yes
Source		Safe Drinking Water Information System			Year(s)		FY2013-14	Benton, IA	Yes

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	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	22	Unicoi	12.49%	11.70%	0.79%	↑Bad ↓Good	19.00%	Le Sueur, MN	11.56%
For every 100 persons in the county experiencing housing problems, help 7 person(s) to find housing assistance.								Clinton, MI	12.66%
Source		Comprehensive Housing Affordability Strategy (CHAS) data			Year(s)		2008-2012	Benton, IA	8.65%

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
	67	Grundy	86.11%	80.27%	5.84%	↑Bad ↓Good	76.00%	Le Sueur, MN	81.65%
For every 100 persons that currently drive alone to work, convince 7 to carpool or take mass-transportation.								Clinton, MI	83.78%
Source		American Community Survey			Year(s)		2010-2014	Benton, IA	79.82%

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
	73	Hamilton	46.40%	25.20%	21.20%	↑Bad ↓Good	31.00%	Le Sueur, MN	37.30%
For every 100 persons that currently drive more than 30 minutes alone to work, convince 46 to carpool or take mass-transportation.								Clinton, MI	26.30%
Source		American Community Survey			Year(s)		2010-2014	Benton, IA	39.70%