



2016

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TOP TEN

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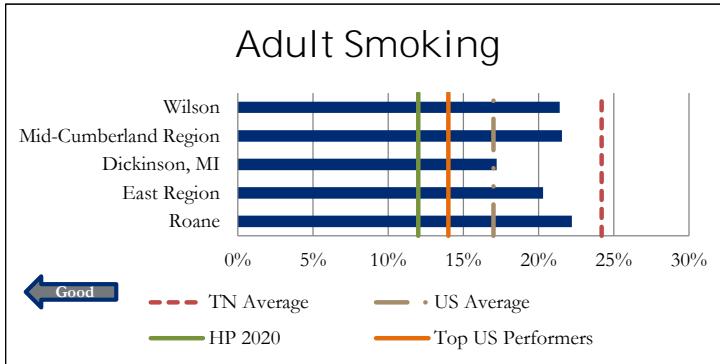
Roane County

TN

Department of
Health

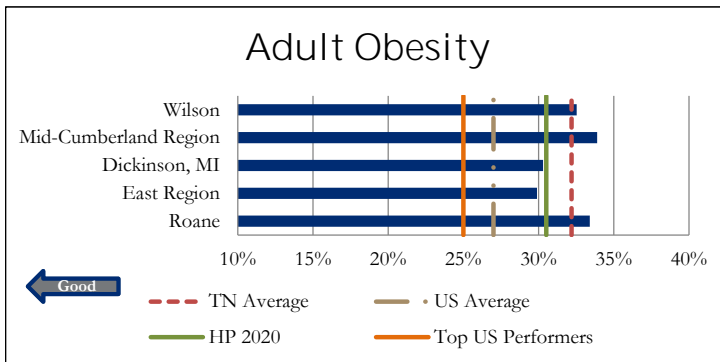
Demographics

Population:	52,748	<18 YOA:	19.79%	65+ YOA:	21.20%	% Rural:	51.00%
Unemployment:	7.45%	% Females:	50.90%	% Males:	49.10%	Graduation Rate:	93.00%
Single parent households:	31.80%	MHI:	\$43,269				



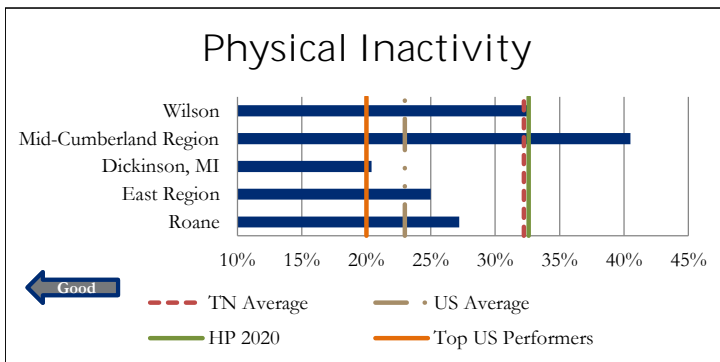
Top Third

Measure	Value
Uninsured	13.67%
Adult Smoking	21.40%
Severe Housing Problems	11.90%
Sexually Transmitted Infections	190.76
Dentists	2029:1
Violent Crime	257.46
Alcohol-Impaired Driving Deaths	22.03%
Social Associations	14.70
Diabetic Monitoring	88.18%
High School Graduation	93.00%



Middle Third

Measure	Value
Access to Exercise Opportunities	60.29%
Mammography Screening	61.00%
Poor or Fair Health	21.60%
Air Pollution - Particulate Matter	13.56
Unemployment	7.45%
Preventable Hospital Stays	71.10
Mental Health Providers	2293:1
Children in Single-Parent Households	31.80%
Driving Alone to Work	85.07%
Food Environment Index	7.00



Bottom Third

Measure	Value
Physical Inactivity	40.50%
Injury Deaths	122.35
Low Birthweight	10.12%
Premature Death	11039.50
Primary Care Physicians	2947:1



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	
		76	Knox	11039.50	7735.80	3303.70	↑Bad ↓Good	6,600.00	Mercer, PA	7414.50	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Lycoming, PA	6628.50	
		Source		National Center for Health Statistics - Mortality files			Year(s)	2011-2013	Dickinson, MI	6979.90	
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	
		37	Rutherford	21.60%	19.60%	2.00%	↑Bad ↓Good	18.00%	Mercer, PA	14.80%	
		Improve the health of 2 out of every 100 people in the county who, in general, report being in poor or fair health.							Lycoming, PA	13.80%	
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	12.30%	
		Percentage of adults reporting fair or poor health (age-adjusted)									
			Poor Physical Health Days*								
	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	30	Knox	4.70	4.30	0.40	↑Bad ↓Good	3.8	Mercer, PA	3.70		
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Lycoming, PA	3.50		
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	3.40		
	Average number of physically unhealthy days reported in past 30 days (age-adjusted)										
		Poor Mental Health Days*									
Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
26	Williamson	4.60	3.80	0.80	↑Bad ↓Good	2.8	Mercer, PA	4.00			
Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Lycoming, PA	3.90			
Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	3.60			
Average number of mentally unhealthy days reported in past 30 days (age-adjusted)											
		Low Birthweight									
Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
82	Pickett	10.12%	7.24%	2.88%	↑Bad ↓Good	8.00%	Mercer, PA	7.88%			
Reduce the number of low birth weight babies by 3 for every 100 live births.							Lycoming, PA	7.35%			
Source		National Center for Health Statistics - Natality files			Year(s)	2007-2013	Dickinson, MI	8.38%			
Percentage of live births with low birthweight (< 2500 grams)											
Health Factors	Health Behaviors	Adult Smoking*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		13	Humphreys	21.40%	21.10%	0.30%	↑Bad ↓Good	17.00%	Mercer, PA	22.20%	
		Get 2 out of every 100 current adult smokers in the county to quit smoking.							Lycoming, PA	20.30%	
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Dickinson, MI	17.20%	
		Percentage of adults who are current smokers									
			Adult Obesity								
	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	63	Hamilton	33.90%	29.90%	4.00%	↑Bad ↓Good	27.00%	Mercer, PA	33.40%		
	Get 12 out of every 100 current obese adults in the county to reduce their BMI below 30.							Lycoming, PA	29.90%		
	Source		CDC Diabetes Interactive Atlas			Year(s)	2012	Dickinson, MI	30.30%		
	Percentage of adults that report a BMI of 30 or more										
		Food Environment Index									
Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
52	Cannon	7.00	7.9	0.9	↑Good ↓Bad	7.20	Mercer, PA	7.50			
Increase the county's food index score by 0.9.							Lycoming, PA	7.20			
Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Dickinson, MI	7.30			
Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)											

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
				93	Shelby	40.50%	30.20%	10.30%	↑Bad ↓Good	23.00%	Mercer, PA	27.20%		
		Percentage of adults aged 20 and over reporting no leisure-time physical activity		Get 26 out of every 100 currently physically inactive adults to exercise during leisure time.									Lycoming, PA	25.00%
				Source		CDC Diabetes Interactive Atlas		Year(s)		2012		Dickinson, MI	20.40%	
Health Behaviors		Access to Exercise Opportunities		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				34	Loudon	60.29%	78.48%	18.19%	↑Good ↓Bad	84.00%	Mercer, PA	84.52%		
		Percentage of population with adequate access to locations for physical activity		Consider how to remove barriers to access exercise locations to reach an additional 18.19 percent of the county's population.									Lycoming, PA	75.21%
				Source		Business Analyst, Delorme, ESRI, & US Census Tigerline Files		Year(s)		2010 & 2014		Dickinson, MI	90.50%	
Health Behaviors		Excessive Drinking		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				31	Benton	11.10%	10.60%	0.50%	↑Bad ↓Good	17.00%	Mercer, PA	16.40%		
		Percentage of adults reporting binge or heavy drinking		Get 5 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.									Lycoming, PA	17.50%
				Source		Behavioral Risk Factor Surveillance System		Year(s)		2014		Dickinson, MI	19.30%	
Health Behaviors		Alcohol-Impaired Driving Deaths		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				21	Sullivan	22.03%	19.17%	2.87%	↑Bad ↓Good	31.00%	Mercer, PA	32.26%		
		Percentage of driving deaths with alcohol involvement		Reduce the number of alcohol related driving deaths by 2.87 percent.									Lycoming, PA	42.86%
				Source		Fatality Analysis Reporting System		Year(s)		2010-2014		Dickinson, MI	75.00%	
Health Behaviors		Sexually Transmitted Infections		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				19	Overton	190.76	153.22	37.54	↑Bad ↓Good	446.60	Mercer, PA	366.61		
		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.									Lycoming, PA	366.14
				Source		National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention		Year(s)		2013		Dickinson, MI	183.07	
Health Behaviors		Teen Births		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				30	Putnam	43.67	34.87	8.80	↑Bad ↓Good	35.00	Mercer, PA	26.39		
		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 21 teen(s) from becoming pregnant.									Lycoming, PA	32.65
				Source		National Center for Health Statistics - Natality files		Year(s)		2007-2013		Dickinson, MI	23.67	
Clinical Care		Uninsured		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				4	Williamson	13.67%	8.89%	4.78%	↑Bad ↓Good	17.00%	Mercer, PA	11.49%		
		Percentage of population under age 65 without health insurance		Get 35 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.									Lycoming, PA	11.33%
				Source		Small Area Health Insurance Estimates		Year(s)		2013		Dickinson, MI	12.30%	
Clinical Care		Primary Care Physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				64	Coffee	2947:1	1368:1	1579	↑Bad ↓Good	1320:1	Mercer, PA	1355:1		
		Ratio of population to primary care physicians		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 48 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.									Lycoming, PA	1390:1
				Source		Area Health Resource File/American Medical Association		Year(s)		2013		Dickinson, MI	1135:1	
Clinical Care		Dentists		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
				19	Dickson	2029:1	1744:1	285	↑Bad ↓Good	1540:1	Mercer, PA	1915:1		
		Ratio of population to dentists		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 10 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.									Lycoming, PA	2330:1
				Source		Area Health Resource File/National Provider Identification file		Year(s)		2014		Dickinson, MI	1082:1	

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	45	Henry	2293:1	644:1	1649	↑Bad ↓Good	490:1	Mercer, PA	653:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 137 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.								Lycoming, PA	826:1		
Source			CMS, National Provider Identification file			Year(s)		2015	Dickinson, MI	448:1	
Preventable Hospital Stays											
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	43	Anderson	71.10	50.27	20.83	↑Bad ↓Good	54.00	Mercer, PA	62.21		
	For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.								Lycoming, PA	48.28	
	Source			Dartmouth Atlas of Health Care			Year(s)		2013	Dickinson, MI	42.78
	Diabetic Monitoring										
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	22	Giles	88.18%	89.20%	1.03%	↑Good ↓Bad	63.00%	Mercer, PA	83.08%		
	For every 100 diabetic Medicare enrollees, get 2 additional Medicare enrollees to receive HbA1c screening.								Lycoming, PA	88.30%	
	Source			Dartmouth Atlas of Health Care			Year(s)		2013	Dickinson, MI	87.98%
	Mammography Screening										
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	36	Cumberland	61.00%	71.00%	10.00%	↑Good ↓Bad	63.00%	Mercer, PA	63.00%		
	For every 100 female Medicare enrollees, get 10 additional Medicare enrollees to receive their mammography screening.								Lycoming, PA	74.00%	
	Source			Dartmouth Atlas of Health Care			Year(s)		2013	Dickinson, MI	70.00%
	High School Graduation										
Percentage of ninth-grade cohort that graduates in four years	22	Tipton	93.00%	98.00%	5.00%	↑Good ↓Bad	82.00%	Mercer, PA	89.14%		
	For every 100 ninth graders, assist 5 additional ninth graders to graduate within four years.								Lycoming, PA	84.27%	
	Source			EDFacts			Year(s)		2012-2013	Dickinson, MI	85.64%
	Some College										
Percentage of adults ages 25-44 years with some post-secondary education	28	Shelby	49.27%	62.28%	13.01%	↑Good ↓Bad	64.00%	Mercer, PA	56.60%		
	For every 100 adults between 25-44 years of age, assist 14 additional adults to complete some coursework at the collegiate level.								Lycoming, PA	54.82%	
	Source			American Community Survey			Year(s)		2010-2014	Dickinson, MI	58.67%
	Unemployment										
Percentage of population ages 16 and older unemployed but seeking work	40	Robertson	7.45%	5.69%	1.76%	↑Bad ↓Good	6.20%	Mercer, PA	5.94%		
	For every 100 persons ages 16 years and older, help 2 persons successfully find employment.								Lycoming, PA	6.07%	
	Source			Bureau of Labor Statistics			Year(s)		2014	Dickinson, MI	6.65%
	Children in Poverty										
Percentage of children under age 18 in poverty	29	Dickson	25.50%	21.10%	4.40%	↑Bad ↓Good	22.00%	Mercer, PA	25.00%		
	For every 100 children (under 18 years) in poverty, help 18 children to find assistance to get out of poverty.								Lycoming, PA	22.60%	
	Source			Small Area Income and Poverty Estimates			Year(s)		2014	Dickinson, MI	18.50%
	Income Inequality										
Ratio of household income at the 80th percentile to income at the 20th percentile	62	Houston	4.74	4.11	0.63	↑Bad ↓Good	4.70	Mercer, PA	4.20		
	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).								Lycoming, PA	4.16	
	Source			American Community Survey			Year(s)		2010-2014	Dickinson, MI	4.33
	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	46	Lawrence	31.80%	23.36%	8.44%	↑Bad ↓Good	34.00%	Mercer, PA	32.22%
		For every 100 single parent households in the county, investigate ways to encourage 27 households to be a multi-parent household.							Lycoming, PA	35.42%	
		Source	American Community Survey				Year(s)	2010-2014	Dickinson, MI	29.79%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	21	Johnson	14.70	16.13	1.43	↑Good ↓Bad	9.00	Mercer, PA	17.19		
Number of membership associations per 10,000 population	For every 100 people in the county, increase the number of membership associations by 1.							Lycoming, PA	16.62		
	Source	County Business Patterns				Year(s)	2013	Dickinson, MI	18.78		
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Number of reported violent crime offenses per 100,000 population	19	Carter	257.46	206.33	51.13	↑Bad ↓Good	392.00	Mercer, PA	214.83		
	For every 100 persons in the county, prevent 20 people from committing a violent crime.							Lycoming, PA	176.81		
	Source	Uniform Crime Reporting - FBI				Year(s)	2010-2012	Dickinson, MI	NA		
Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Number of deaths due to injury per 100,000 population	88	Washington	122.35	70.04	52.31	↑Bad ↓Good	60.00	Mercer, PA	75.11		
	For every 1,000 population consider ways to prevent 428 deaths as a result of intentional and unintentional injury.							Lycoming, PA	57.65		
	Source	CDC WONDER mortality data				Year(s)	2009-2013	Dickinson, MI	79.37		
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	39	Greene	13.56	13.14	0.42	↑Bad ↓Good	11.40	Mercer, PA	13.98		
	Reduce the average daily measure of fine particulate matter by 0.42 micrograms per cubic meter (PM2.5).							Lycoming, PA	12.51		
	Source	CDC WONDER Environmental data				Year(s)	2011	Dickinson, MI	10.38		
Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population potentially exposed to water exceeding a violation limit during the past year	No Rank	NA	No	No	NA	NA	NA	Mercer, PA	Yes		
	There were no health-based drinking water violations.							Lycoming, PA	Yes		
	Source	Safe Drinking Water Information System				Year(s)	FY2013-14	Dickinson, MI	No		
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	13	Unicoi	11.90%	11.70%	0.20%	↑Bad ↓Good	19.00%	Mercer, PA	12.32%		
	For every 100 persons in the county experiencing housing problems, help 2 person(s) to find housing assistance.							Lycoming, PA	13.59%		
	Source	Comprehensive Housing Affordability Strategy (CHAS) data				Year(s)	2008-2012	Dickinson, MI	10.38%		
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of the workforce that drives alone to work	51	Grundy	85.07%	80.27%	4.80%	↑Bad ↓Good	76.00%	Mercer, PA	82.14%		
	For every 100 persons that currently drive alone to work, convince 6 to carpool or take mass-transportation.							Lycoming, PA	81.95%		
	Source	American Community Survey				Year(s)	2010-2014	Dickinson, MI	84.88%		
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Among workers who commute in their car alone, the percentage that commute more than 30 minutes	62	Hamilton	41.30%	25.20%	16.10%	↑Bad ↓Good	31.00%	Mercer, PA	24.00%		
	For every 100 persons that currently drive more than 30 minutes alone to work, convince 39 to carpool or take mass-transportation.							Lycoming, PA	20.10%		
	Source	American Community Survey				Year(s)	2010-2014	Dickinson, MI	10.70%		

Health Factors

Social & Economic Factors

Physical Environment