2015

DRIVE YOUR COUNTY TO THE TOP TEN:

Accelerating Action Towards Improving County Health

Washington County

TN Department of
Health

Demographics

Population:	125,546	**<18 YOA:**	19.79%	**65+ YOA:**	16.40%	**% Rural:**	26.42%
Unemployment:	7.26%	**% Females:**	51.11%	**% Males:**	48.89%	**Graduation Rate:**	93.17
Single parent households:	31.17%	**MHI:**	$41,542				

Adult Smoking

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

Good

Adult Obesity

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

Good

Physical Inactivity

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

Good
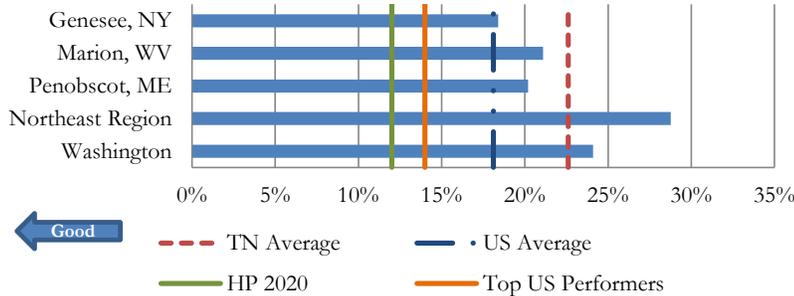
Top Third

Measure	Value
Primary Care Physicians	596:1
Drinking Water Violations	0.00%
Mental Health Providers	345:1
Teen Births	33.13
Long Commute - Driving Alone	21.70%
Some College	65.96%
Air Pollution - Particulate Matter	13.07
Excessive Drinking	6.70%
Diabetic Monitoring	88.73%
Injury Deaths	70.50
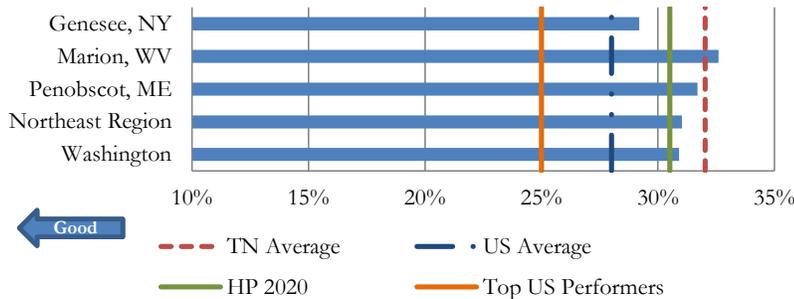
Middle Third

Measure	Value
Poor Physical Health Days	4.50
Adult Smoking	24.10%
Low Birthweight	8.45%
Uninsured	16.52%
Preventable Hosiptal Stays	82.13
Poor Mental Health Days	3.80
Food Environment Index	7.30
Children in Single-Parent Households	31.17%
Alcohol-Impaired Driving Deaths	31.48%
Violent Crime	414.82
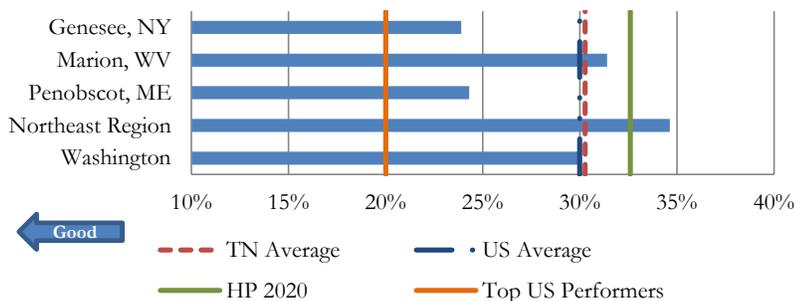
Bottom Third

Measure	Value
Income Inequality	5.11
Driving Alone to Work	86.69%
Severe Housing Problems	15.35%

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.

TN Department of Health

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
21	Lewis	8402.77	7769.75	633.02	↑Bad ↓Good	6,811.00	Penobscot, ME	6821.47
For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Marion, WV	7448.83
Source	National Center for Health Statistics - Mortality files			**Year(s)**	2010-2012		Genesee, NY	6561.49

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
20	Putnam	18.50%	16.60%	1.90%	↑Bad ↓Good	12.40%	Penobscot, ME	14.40%
Improve the health of 2 out of every 100 people in the county who, in general, report being in poor or fair health.							Marion, WV	17.60%
Source	Behavioral Risk Factor Surveillance System			**Year(s)**	2006-2012		Genesee, NY	12.00%

Poor Physical Health Days*

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

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
33	Chester	4.50	3.40	1.10	↑Bad ↓Good	3.70	Penobscot, ME	4.00
Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.							Marion, WV	4.60
Source	Behavioral Risk Factor Surveillance System			**Year(s)**	2006-2012		Genesee, NY	4.00

Poor Mental Health Days

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

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
42	Henderson	3.80	2.80	1.00	↑Bad ↓Good	3.50	Penobscot, ME	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.							Marion, WV	3.40
Source	Behavioral Risk Factor Surveillance System			**Year(s)**	2006-2012		Genesee, NY	4.20

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
34	Lewis	8.45%	7.29%	1.16%	↑Bad ↓Good	8.10%	Penobscot, ME	6.68%
Reduce the number of low birth weight babies by 2 for every 100 live births.							Marion, WV	9.01%
Source	National Center for Health Statistics - Natality files			**Year(s)**	2006-2012		Genesee, NY	6.07%

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
33	Knox	24.10%	18.50%	5.60%	↑Bad ↓Good	18.10%	Penobscot, ME	20.20%
Get 24 out of every 100 current adult smokers in the county to quit smoking.							Marion, WV	21.10%
Source	Behavioral Risk Factor Surveillance System			**Year(s)**	2006-2012		Genesee, NY	18.40%

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
28	Hamilton	30.90%	29.10%	1.80%	↑Bad ↓Good	28.00%	Penobscot, ME	31.70%
Get 6 out of every 100 current obese adults in the county to reduce their BMI below 30.							Marion, WV	32.60%
Source	CDC Diabetes Interactive Atlas			**Year(s)**	2011		Genesee, NY	29.20%

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
42	Williamson	7.30	8.9	1.6	↑Good ↓Bad	7.60	Penobscot, ME	6.90
Increase the county's food index score by 1.6.							Marion, WV	7.60
Source	USDA Food Environment Atlas, Map the Meal Gap			**Year(s)**	2012		Genesee, NY	8.70

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
14	Wilson	29.90%	28.50%	1.40%	↑Bad ↓Good	30.00%	Penobscot, ME	24.30%
Get 5 out of every 100 currently physically inactive adults to exercise during leisure time.							Marion, WV	31.40%
Source	CDC Diabetes Interactive Atlas				**Year(s)**	2011	Genesee, NY	23.90%

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
20	Loudon	71.84%	78.50%	6.66%	↑Good ↓Bad	77.00%	Penobscot, ME	60.21%
Consider how to remove barriers to access exercise locations to reach an additional 6.66 percent of the county's population.							Marion, WV	62.64%
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files				**Year(s)**	2010 & 2013	Genesee, NY	67.17%

Excessive Drinking
Percentage of adults reporting binge or heavy drinking

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
7	McMinn	6.70%	5.30%	1.40%	↑Bad ↓Good	15.00%	Penobscot, ME	15.00%
Get 21 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.							Marion, WV	9.20%
Source	Behavioral Risk Factor Surveillance System				**Year(s)**	2006-2012	Genesee, NY	18.30%

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
60	McNairy	31.48%	18.75%	12.73%	↑Bad ↓Good	32.00%	Penobscot, ME	36.71%
Reduce the number of alcohol related driving deaths by 12.73 percent.							Marion, WV	44.00%
Source	Fatality Analysis Reporting System				**Year(s)**	2009-2013	Genesee, NY	28.57%

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
18	Scott	201.40	144.30	57.10	↑Bad ↓Good	458.00	Penobscot, ME	281.00
Consider ways to educate 3 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.							Marion, WV	296.40
Source National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention					**Year(s)**	2012	Genesee, NY	293.40

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

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
5	Williamson	33.13	11.62	21.51	↑Bad ↓Good	31.00	Penobscot, ME	20.72
For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 65 teen(s) from becoming pregnant.							Marion, WV	37.83
Source	National Center for Health Statistics - Natality files				**Year(s)**	2006-2012	Genesee, NY	22.81

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
41	Blount	16.52%	14.64%	1.88%	↑Bad ↓Good	18.00%	Penobscot, ME	12.60%
Get 12 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Marion, WV	17.24%
Source	Small Area Health Insurance Estimates				**Year(s)**	2012	Genesee, NY	11.09%

Primary Care Physicians
Ratio of population to primary care physicians

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
1	Washington	596:1	596:1	0	↑Bad ↓Good	1,355.00	Penobscot, ME	849:1
No action required.							Marion, WV	1453:1
Source	Area Health Resource File/American Medical Association				**Year(s)**	2012	Genesee, NY	2999:1

Dentists
Ratio of population to dentists

Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
14	Maury	1846:1	1675:1	171	↑Bad ↓Good	1,663.00	Penobscot, ME	1407:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 7 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.							Marion, WV	1961:1
Source	Area Health Resource File/American Medical Association				**Year(s)**	2013	Genesee, NY	2831:1

Health Factors

Clinical Care

Mental Health Providers
Ratio of population to mental health providers

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	2	Knox	345:1	313:1	32	↑Bad ↓Good	753	Penobscot, ME	228:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 38 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.								Marion, WV	1236:1
Source		CMS, National Provider Identification file				Year(s)	2014	Genesee, NY	803:1

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	Marshall	82.13	58.47	23.66	↑Bad ↓Good	65.00	Penobscot, ME	76.30
For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.								Marion, WV	72.25
Source		Dartmouth Atlas of Health Care				Year(s)	2012	Genesee, NY	70.70

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
	11	Crockett	88.73%	88.92%	0.19%	↑Good ↓Bad	84.00%	Penobscot, ME	88.61%
For every 100 diabetic Medicare enrollees, get 1 additional Medicare enrollees to receive HbA1c screening.								Marion, WV	82.04%
Source		Dartmouth Atlas of Health Care				Year(s)	2012	Genesee, NY	85.16%

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

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	23	Knox	63.58%	65.71%	2.13%	↑Good ↓Bad	63.00%	Penobscot, ME	69.98%
For every 100 female Medicare enrollees, get 3 additional Medicare enrollees to receive their mammography screening.								Marion, WV	56.32%
Source		Dartmouth Atlas of Health Care				Year(s)	2012	Genesee, NY	58.88%

Social & Economic Factors

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

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	24	Carroll	93.17%	95.32%	2.15%	↑Good ↓Bad	80.00%	Penobscot, ME	84.32%
For every 100 ninth graders, assist 3 additional ninth graders to graduate within four years.								Marion, WV	84.00%
Source		data.gov, supplemented w/ National Center for Education Statistics				Year(s)	2011-2012	Genesee, NY	83.56%

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
	6	Rutherford	65.96%	66.59%	0.63%	↑Good ↓Bad	63.00%	Penobscot, ME	64.22%
For every 100 adults between 25-44 years of age, assist 64 additional adults to complete some coursework at the collegiate level.								Marion, WV	57.18%
Source		American Community Survey				Year(s)	2009-2013	Genesee, NY	63.88%

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

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	14	Blount	7.26%	6.89%	0.37%	↑Bad ↓Good	8.10%	Penobscot, ME	7.02%
For every 100 persons ages 16 years and older, help 1 persons successfully find employment.								Marion, WV	5.64%
Source		Bureau of Labor Statistics				Year(s)	2013	Genesee, NY	6.71%

Children in Poverty
Percentage of children under age 18 in poverty

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	16	Montgomery	23.50%	21.40%	2.10%	↑Bad ↓Good	23.00%	Penobscot, ME	19.30%
For every 100 children (under 18 years) in poverty, help 9 children to find assistance to get out of poverty.								Marion, WV	23.20%
Source		Small Area Income and Poverty Estimates				Year(s)	2013	Genesee, NY	19.30%

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

	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	85	Williamson	5.11	4.11	1.00	↑Bad ↓Good	NA	Penobscot, ME	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 2 household(s).								Marion, WV	4.83
Source		American Community Survey				Year(s)	2009-2013	Genesee, NY	4.03

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
	46	Cheatham	31.17%	25.43%	5.74%	↑Bad ↓Good	21.00%	Penobscot, ME	29.67%
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 19 households to be a multi-parent household.**							Marion, WV	35.53%
	Source	American Community Survey			Year(s)		2009-2013	Genesee, NY	28.68%

Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	23	Henry	13.91	16.70	2.79	↑Good ↓Bad	33.00%	Penobscot, ME	10.86
Number of membership associations per 10,000 population	**For every 100 people in the county, increase the number of membership associations by 1.**							Marion, WV	18.00
	Source	County Business Patterns			Year(s)		2012	Genesee, NY	13.17

Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	63	Carter	414.82	206.33	208.49	↑Bad ↓Good	387.00	Penobscot, ME	79.05
Number of reported violent crime offenses per 100,000 population	**For every 100 persons in the county, prevent 51 people from committing a violent crime.**							Marion, WV	223.77
	Source	Uniform Crime Reporting - FBI			Year(s)		2010-2012	Genesee, NY	172.07

Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	12	Fayette	70.50	68.81	1.69	↑Bad ↓Good	59.00	Penobscot, ME	59.07
Number of deaths due to injury per 100,000 population	**For every 1,000 population consider ways to prevent 24 deaths as a result of intentional and unintentional injury.**							Marion, WV	74.76
	Source	CDC WONDER mortality data			Year(s)		2008-2012	Genesee, NY	55.36

Air Pollution - Particulate Matter	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	6	Sullivan	13.07	13.04	0.03	↑Bad ↓Good	11.10	Penobscot, ME	10.15
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	**Reduce the average daily measure of fine particulate matter by 0.03 micrograms per cubic meter (PM2.5).**							Marion, WV	13.55
	Source	CDC WONDER Environmental data			Year(s)		2011	Genesee, NY	12.67

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%	Penobscot, ME	3.85%
Percentage of population potentially exposed to water exceeding a violation limit during the past year	**No Action Required**							Marion, WV	2.42%
	Source	Safe Drinking Water Information System			Year(s)		FY2013-14	Genesee, NY	0.00%

Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	77	Lewis	15.35%	10.96%	4.39%	↑Bad ↓Good	19.00%	Penobscot, ME	15.72%
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 29 person(s) to find housing assistance.**							Marion, WV	11.03%
	Source	Comprehensive Housing Affordability Strategy (CHAS) data			Year(s)		2007-2011	Genesee, NY	13.33%

Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	78	Davidson	86.69%	80.03%	6.66%	↑Bad ↓Good	76.00%	Penobscot, ME	80.74%
Percentage of the workforce that drives alone to work	**For every 100 persons that currently drive alone to work, convince 8 to carpool or take mass-transportation.**							Marion, WV	83.61%
	Source	American Community Survey			Year(s)		2009-2013	Genesee, NY	83.77%

Long Commute - Driving Alone	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	5	Madison	21.70%	15.80%	5.90%	↑Bad ↓Good	34.00%	Penobscot, ME	24.60%
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 28 to carpool or take mass-transportation.**							Marion, WV	34.90%
	Source	American Community Survey			Year(s)		2009-2013	Genesee, NY	31.10%