2015

DRIVE YOUR COUNTY TO THE TOP TEN:

Accelerating Action Towards Improving County Health

Davidson County

TN Department of **Health**

Demographics								
Population:	658,602	**<18 YOA:**	21.63%	**65+ YOA:**	10.87%	**% Rural:**	3.41%
Unemployment:	6.53%	**% Females:**	51.67%	**% Males:**	48.33%	**Graduation Rate:**	77.79
Single parent households:	44.31%	**MHI:**	$47,239				

Adult Smoking

Jefferson, KY; Duval, FL; Hamilton, OH; Mid-Cumberland Region; Davidson

Good

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

Top Third	
Measure	Value
Poor Physical Health Days	3.00
Dentists	1401:1
Mental Health Providers	395:1
Poor or Fair Health	14.40%
Adult Smoking	17.20%
Physical Inactivity	25.70%
Access to Exercise Opportunities	86.80%
Some College	66.77%
Unemployment	6.53%
Poor Mental Health Days	2.70

Adult Obesity

Jefferson, KY; Duval, FL; Hamilton, OH; Mid-Cumberland Region; Davidson

Good

- - - TN Average   · US Average
HP 2020   Top US Performers
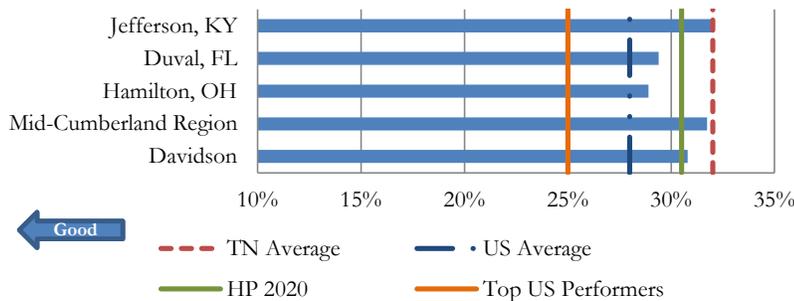
Middle Third	
Measure	Value
Alcohol-Impaired Driving Deaths	25.14%
Mammography Screening	61.93%
Income Inequality	4.56
Diabetic Monitoring	86.26%
Children in Poverty	29.40%

Physical Inactivity

Jefferson, KY; Duval, FL; Hamilton, OH; Mid-Cumberland Region; Davidson

Good

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

Bottom Third	
Measure	Value
Violent Crime	1,153.22
High School Graduation	77.79%
Children in Single-Parent Households	44.31%
Severe Housing Problems	18.50%
Sexually Transmitted Infections	586.80
Air Pollution - Particulate Matter	14.46
Food Environment Index	6.50
Uninsured	18.66%
Drinking Water Violations	0.42%
Low Birthweight	9.08%

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

Premature Death	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	12	Lewis	7899.87	7769.75	130.12	↑Bad ↓Good	6,811.00	Hamilton, OH	8093.56
Years of potential life lost before age 75 per 100,000 population (age-adjusted)	For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Duval, FL	8606.87
	Source	National Center for Health Statistics - Mortality files				Year(s)	2010-2012	Jefferson, KY	8665.76

Quality of Life

Poor or Fair Health	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	4	Williamson	14.40%	6.90%	7.50%	↑Bad ↓Good	12.40%	Hamilton, OH	13.20%
Percentage of adults reporting fair or poor health (age-adjusted)	Improve the health of 8 out of every 100 people in the county who, in general, report being in poor or fair health.							Duval, FL	16.90%
	Source	Behavioral Risk Factor Surveillance System				Year(s)	2006-2012	Jefferson, KY	16.90%

Poor Physical Health Days*	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	3	Williamson	3.00	2.00	1.00	↑Bad ↓Good	3.70	Hamilton, OH	3.30
Average number of physically unhealthy days reported in past 30 days (age-adjusted)	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Duval, FL	3.90
	Source	Behavioral Risk Factor Surveillance System				Year(s)	2006-2012	Jefferson, KY	4.30

Poor Mental Health Days	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	7	Blount	2.70	2.60	0.10	↑Bad ↓Good	3.50	Hamilton, OH	3.70
Average number of mentally unhealthy days reported in past 30 days (age-adjusted)	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Duval, FL	3.80
	Source	Behavioral Risk Factor Surveillance System				Year(s)	2006-2012	Jefferson, KY	3.80

Low Birthweight	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	64	Lewis	9.08%	7.29%	1.79%	↑Bad ↓Good	8.10%	Hamilton, OH	10.08%
Percentage of live births with low birthweight (< 2500 grams)	Reduce the number of low birth weight babies by 2 for every 100 live births.							Duval, FL	9.46%
	Source	National Center for Health Statistics - Natality files				Year(s)	2006-2012	Jefferson, KY	9.35%

Health Factors

Health Behaviors

Adult Smoking	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	4	Williamson	17.20%	10.90%	6.30%	↑Bad ↓Good	18.10%	Hamilton, OH	18.90%
Percentage of adults who are current smokers	Get 37 out of every 100 current adult smokers in the county to quit smoking.							Duval, FL	20.40%
	Source	Behavioral Risk Factor Surveillance System				Year(s)	2006-2012	Jefferson, KY	22.90%

Adult Obesity	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	26	Hamilton	30.80%	29.10%	1.70%	↑Bad ↓Good	28.00%	Hamilton, OH	28.90%
Percentage of adults that report a BMI of 30 or more	Get 6 out of every 100 current obese adults in the county to reduce their BMI below 30.							Duval, FL	29.40%
	Source	CDC Diabetes Interactive Atlas				Year(s)	2011	Jefferson, KY	32.00%

Food Environment Index	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	82	Williamson	6.50	8.9	2.4	↑Good ↓Bad	7.60	Hamilton, OH	6.40
Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)	Increase the county's food index score by 2.4.							Duval, FL	6.30
	Source	USDA Food Environment Atlas, Map the Meal Gap				Year(s)	2012	Jefferson, KY	6.90

Health Factors

Health Behaviors

Physical Inactivity

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

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
4	Williamson	25.70%	23.20%	2.50%	↑Bad ↓Good	30.00%	Hamilton, OH	23.50%
							Duval, FL	25.40%
Get 10 out of every 100 currently physically inactive adults to exercise during leisure time.								
Source	CDC Diabetes Interactive Atlas			**Year(s)**		2011	Jefferson, KY	25.80%

Access to Exercise Opportunities

Percentage of population with adequate access to locations for physical activity

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
4	Johnson	86.80%	100.00%	13.20%	↑Good ↓Bad	77.00%	Hamilton, OH	95.05%
							Duval, FL	93.69%
Consider how to remove barriers to access exercise locations to reach an additional 13.2 percent of the county's population.								
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files			**Year(s)**		2010 & 2013	Jefferson, KY	95.54%

Excessive Drinking

Percentage of adults reporting binge or heavy drinking

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
24	Greene	10.90%	3.30%	7.60%	↑Bad ↓Good	15.00%	Hamilton, OH	20.40%
							Duval, FL	15.60%
Get 70 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.								
Source	Behavioral Risk Factor Surveillance System			**Year(s)**		2006-2012	Jefferson, KY	15.00%

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
32	McNairy	25.14%	18.75%	6.39%	↑Bad ↓Good	32.00%	Hamilton, OH	40.27%
							Duval, FL	33.45%
Reduce the number of alcohol related driving deaths by 6.39 percent.								
Source	Fatality Analysis Reporting System			**Year(s)**		2009-2013	Jefferson, KY	32.27%

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
86	Scott	586.80	144.30	442.50	↑Bad ↓Good	458.00	Hamilton, OH	819.90
							Duval, FL	606.10
Consider ways to educate 8 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.								
Source National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention				**Year(s)**		2012	Jefferson, KY	675.50

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
28	Putnam	44.94	37.04	7.89	↑Bad ↓Good	31.00	Hamilton, OH	41.26
							Duval, FL	45.52
For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 18 teen(s) from becoming pregnant.								
Source	National Center for Health Statistics - Natality files			**Year(s)**		2006-2012	Jefferson, KY	45.86

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
80	Blount	18.66%	14.64%	4.02%	↑Bad ↓Good	18.00%	Hamilton, OH	12.84%
							Duval, FL	19.31%
Get 22 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.								
Source	Small Area Health Insurance Estimates			**Year(s)**		2012	Jefferson, KY	15.53%

Primary Care Physicians

Ratio of population to primary care physicians

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
7	Knox	1059:1	877:1	182	↑Bad ↓Good	1,355.00	Hamilton, OH	995:1
							Duval, FL	1189:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 130 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.								
Source	Area Health Resource File/American Medical Association			**Year(s)**		2012	Jefferson, KY	1104:1

Dentists

Ratio of population to dentists

Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
3	Coffee	1401:1	1241:1	160	↑Bad ↓Good	1,663.00	Hamilton, OH	1444:1
							Duval, FL	1436:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 61 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.								
Source	Area Health Resource File/American Medical Association			**Year(s)**		2013	Jefferson, KY	1067:1

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
	3	Knox	395:1	313:1	82	↑Bad ↓Good	753	Hamilton, OH	458:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 437 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.								Duval, FL	686:1
Source	CMS, National Provider Identification file				Year(s)	2014		Jefferson, KY	390:1

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
	14	Marshall	62.30	58.47	3.83	↑Bad ↓Good	65.00	Hamilton, OH	56.30
For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.								Duval, FL	67.00
Source	Dartmouth Atlas of Health Care				Year(s)	2012		Jefferson, KY	66.81

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
	52	Crockett	86.26%	88.92%	2.66%	↑Good ↓Bad	84.00%	Hamilton, OH	86.53%
For every 100 diabetic Medicare enrollees, get 3 additional Medicare enrollees to receive HbA1c screening.								Duval, FL	83.61%
Source	Dartmouth Atlas of Health Care				Year(s)	2012		Jefferson, KY	87.31%

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
	33	Knox	61.93%	65.71%	3.78%	↑Good ↓Bad	63.00%	Hamilton, OH	61.29%
For every 100 female Medicare enrollees, get 4 additional Medicare enrollees to receive their mammography screening.								Duval, FL	65.10%
Source	Dartmouth Atlas of Health Care				Year(s)	2012		Jefferson, KY	65.13%

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
	91	Carroll	77.79%	95.32%	17.54%	↑Good ↓Bad	80.00%	Hamilton, OH	77.75%
For every 100 ninth graders, assist 18 additional ninth graders to graduate within four years.								Duval, FL	68.00%
Source	data.gov, supplemented w/ National Center for Education Statistics			Year(s)		2011-2012		Jefferson, KY	76.53%

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

	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	4	Williamson	66.77%	81.74%	14.98%	↑Good ↓Bad	63.00%	Hamilton, OH	67.89%
For every 100 adults between 25-44 years of age, assist 1498 additional adults to complete some coursework at the collegiate level.								Duval, FL	63.92%
Source	American Community Survey				Year(s)	2009-2013		Jefferson, KY	68.06%

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	Wilson	6.53%	6.53%	0.00%	↑Bad ↓Good	8.10%	Hamilton, OH	7.12%
For every 100 persons ages 16 years and older, help 1 persons successfully find employment.								Duval, FL	7.38%
Source	Bureau of Labor Statistics				Year(s)	2013		Jefferson, KY	8.08%

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
	55	Montgomery	29.40%	21.40%	8.00%	↑Bad ↓Good	23.00%	Hamilton, OH	25.80%
For every 100 children (under 18 years) in poverty, help 28 children to find assistance to get out of poverty.								Duval, FL	25.60%
Source	Small Area Income and Poverty Estimates				Year(s)	2013		Jefferson, KY	22.30%

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
	47	Williamson	4.56	4.11	0.46	↑Bad ↓Good	NA	Hamilton, OH	5.69
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).								Duval, FL	4.62
Source	American Community Survey				Year(s)	2009-2013		Jefferson, KY	4.93

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
91	Cheatham	44.31%	25.43%	18.88%	↑Bad ↓Good	21.00%	Hamilton, OH	43.01%
For every 100 single parent households in the county, investigate ways to encourage 43 households to be a multi-parent household.							Duval, FL	42.06%
Source	American Community Survey			Year(s)	2009-2013		Jefferson, KY	42.40%

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
26	Henry	13.51	16.70	3.18	↑Good ↓Bad	33.00%	Hamilton, OH	11.06
For every 100 people in the county, increase the number of membership associations by 1.							Duval, FL	9.15
Source	County Business Patterns			Year(s)	2012		Jefferson, KY	9.96

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
94	Carter	1153.22	206.33	946.89	↑Bad ↓Good	387.00	Hamilton, OH	500.87
For every 100 persons in the county, prevent 83 people from committing a violent crime.							Duval, FL	645.58
Source	Uniform Crime Reporting - FBI			Year(s)	2010-2012		Jefferson, KY	579.11

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
19	Fayette	73.82	68.81	5.01	↑Bad ↓Good	59.00	Hamilton, OH	62.54
For every 1,000 population consider ways to prevent 68 deaths as a result of intentional and unintentional injury.							Duval, FL	74.28
Source	CDC WONDER mortality data			Year(s)	2008-2012		Jefferson, KY	69.62

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
84	Greene	14.46	13.14	1.32	↑Bad ↓Good	11.10	Hamilton, OH	13.27
Reduce the average daily measure of fine particulate matter by 1.32 micrograms per cubic meter (PM2.5).							Duval, FL	12.02
Source	CDC WONDER Environmental data			Year(s)	2011		Jefferson, KY	13.52

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
69	Anderson	0.42%	0.00%	0.42%	↑Bad ↓Good	8.00%	Hamilton, OH	0.20%
For every 100 persons in the county exposed to water violations, assist 1 person(s) from exposure to health-based violations in public water systems.							Duval, FL	3.12%
Source	Safe Drinking Water Information System			Year(s)	FY2013-14		Jefferson, KY	0.00%

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
91	Lewis	18.50%	10.96%	7.55%	↑Bad ↓Good	19.00%	Hamilton, OH	17.61%
For every 100 persons in the county experiencing housing problems, help 41 person(s) to find housing assistance.							Duval, FL	19.09%
Source	Comprehensive Housing Affordability Strategy (CHAS) data			Year(s)	2007-2011		Jefferson, KY	15.36%

Driving Alone to Work

Percentage of the workforce that drives alone to work

Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
10	Hickman	80.03%	78.84%	1.19%	↑Bad ↓Good	76.00%	Hamilton, OH	79.41%
For every 100 persons that currently drive alone to work, convince 2 to carpool or take mass-transportation.							Duval, FL	80.47%
Source	American Community Survey			Year(s)	2009-2013		Jefferson, KY	82.22%

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
29	Hamilton	29.80%	25.10%	4.70%	↑Bad ↓Good	34.00%	Hamilton, OH	27.20%
For every 100 persons that currently drive more than 30 minutes alone to work, convince 16 to carpool or take mass-transportation.							Duval, FL	30.00%
Source	American Community Survey			Year(s)	2009-2013		Jefferson, KY	23.50%