# 2016

# DRIVE YOUR COUNTY TO THE
# TOP TEN

INFORMING • CONNECTING • ACCELERATING
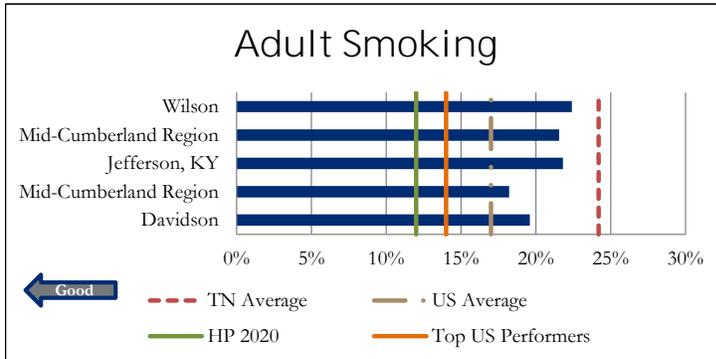
## Davidson County

**TN** Department of
**Health**

**Demographics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Population:** | 668,347 | **<18 YOA:** | 21.55% | **65+ YOA:** | 11.08% | **% Rural:** | 3.40% |
| **Unemployment:** | 5.05% | **% Females:** | 51.80% | **% Males:** | 48.20% | **Graduation Rate:** | 76.90% |
| **Single parent households:** | 43.56% | **MHI:** | $48,195 | | | | |

## Adult Smoking



Wilson
Mid-Cumberland Region
Jefferson, KY
Mid-Cumberland Region
Davidson

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

Good ←

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

## Adult Obesity



Wilson
Mid-Cumberland Region
Jefferson, KY
Mid-Cumberland Region
Davidson

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

Good ←

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

## Physical Inactivity



Wilson
Mid-Cumberland Region
Jefferson, KY
Mid-Cumberland Region
Davidson

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

Good ←

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

### Top Third

| Measure | Value |
|---|---|
| Physical Inactivity | 25.80% |
| Unemployment | 5.05% |
| Dentists | 1364:1 |
| Mental Health Providers | 370:1 |
| Access to Exercise Opportunities | 86.40% |
| Some College | 67.02% |
| Poor Mental Health Days | 4.40 |
| Primary Care Physicians | 1044:1 |
| Driving Alone to Work | 79.69% |
| Premature Death | 7782.30 |
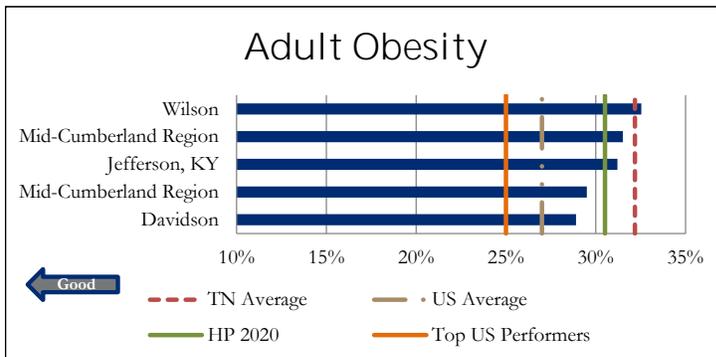
### Middle Third

| Measure | Value |
|---|---|
| Long Commute - Driving Alone | 30.30% |
| Diabetic Monitoring | 86.48% |
| Income Inequality | 4.66 |
| Low Birthweight | 8.93% |
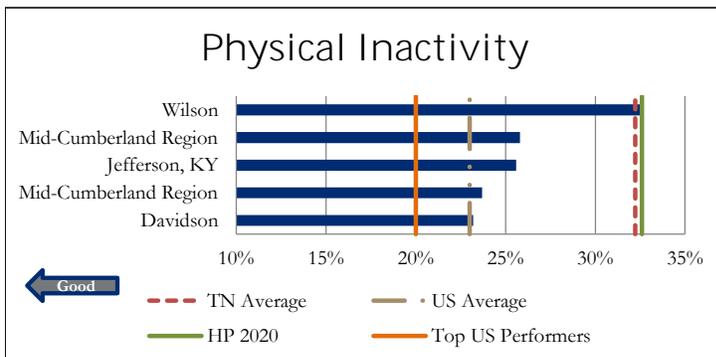
### Bottom Third

| Measure | Value |
|---|---|
| Excessive Drinking | 13.90% |
| Violent Crime | 1,153.22 |
| High School Graduation | 76.90% |
| Severe Housing Problems | 18.82% |
| Sexually Transmitted Infections | 611.60 |
| Children in Single-Parent Households | 43.56% |
| Air Pollution - Particulate Matter | 14.46 |
| Uninsured | 18.46% |
| Food Environment Index | 6.50 |
| Children in Poverty | 31.50% |



Tobacco Use    Obesity    Physical Inactivity    Substance Abuse
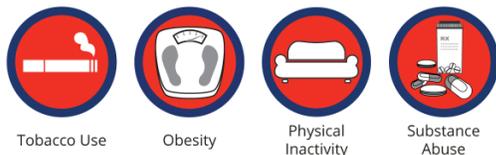
## Tennessee's Big 3 + 1

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 |
|---|---|---|---|---|---|---|---|---|---|
| | 11 | Knox | 7782.30 | 7735.80 | 46.50 | ↑Bad ↓Good | 6,600.00 | Hamilton, OH | 8203.30 |
| | For every 100 people in the county, 1 people in the county need to live one year closer to age 75. | | | | | | | Duval, FL | 8714.30 |
| Source | National Center for Health Statistics - Mortality files | | | | Year(s) | 2011-2013 | | Jefferson, KY | 8714.00 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 16 | Rutherford | 20.30% | 19.60% | 0.70% | ↑Bad ↓Good | 18.00% | Hamilton, OH | 15.50% |
| | Improve the health of 1 out of every 100 people in the county who, in general, report being in poor or fair health. | | | | | | | Duval, FL | 16.60% |
| Source | Behavioral Risk Factor Surveillance System | | | | Year(s) | 2014 | | Jefferson, KY | 18.40% |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 21 | Knox | 4.60 | 4.30 | 0.30 | ↑Bad ↓Good | 3.8 | Hamilton, OH | 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. | | | | | | | Duval, FL | 3.70 |
| Source | Behavioral Risk Factor Surveillance System | | | | Year(s) | 2014 | | Jefferson, KY | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 6 | Williamson | 4.40 | 3.80 | 0.60 | ↑Bad ↓Good | 2.8 | Hamilton, OH | 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. | | | | | | | Duval, FL | 4.10 |
| Source | Behavioral Risk Factor Surveillance System | | | | Year(s) | 2014 | | Jefferson, KY | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 55 | Pickett | 8.93% | 7.24% | 1.69% | ↑Bad ↓Good | 8.00% | Hamilton, OH | 9.95% |
| | Reduce the number of low birth weight babies by 2 for every 100 live births. | | | | | | | Duval, FL | 9.42% |
| Source | National Center for Health Statistics - Natality files | | | | Year(s) | 2007-2013 | | Jefferson, KY | 9.22% |

# 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 26 | Humphreys | 22.40% | 21.10% | 1.30% | ↑Bad ↓Good | 17.00% | Hamilton, OH | 19.60% |
| | Get 6 out of every 100 current adult smokers in the county to quit smoking. | | | | | | | Duval, FL | 18.20% |
| Source | Behavioral Risk Factor Surveillance System | | | | Year(s) | 2014 | | Jefferson, KY | 21.80% |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 28 | Hamilton | 31.50% | 29.90% | 1.60% | ↑Bad ↓Good | 27.00% | Hamilton, OH | 28.90% |
| | Get 6 out of every 100 current obese adults in the county to reduce their BMI below 30. | | | | | | | Duval, FL | 29.50% |
| Source | CDC Diabetes Interactive Atlas | | | | Year(s) | 2012 | | Jefferson, KY | 31.20% |

### 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 | Hamilton, OH | 6.30 |
| | Increase the county's food index score by 1.4. | | | | | | | Duval, FL | 6.20 |
| Source | USDA Food Environment Atlas, Map the Meal Gap | | | | Year(s) | 2013 | | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 2 | Williamson | 25.80% | 23.30% | 2.50% | ↑Bad ↓Good | 23.00% | Hamilton, OH | 23.20% |
| | **Get 10 out of every 100 currently physically inactive adults to exercise during leisure time.** | | | | | | | Duval, FL | 23.70% |
| Source | CDC Diabetes Interactive Atlas | | | | Year(s) | | 2012 | Jefferson, KY | 25.60% |

### 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 | 86.40% | 100.00% | 13.60% | ↑Good ↓Bad | 84.00% | Hamilton, OH | 94.63% |
| | **Consider how to remove barriers to access exercise locations to reach an additional 13.6 percent of the county's population.** | | | | | | | Duval, FL | 93.47% |
| Source | Business Analyst, Delorme, ESRI, & US Census Tigerline Files | | | | Year(s) | | 2010 & 2014 | Jefferson, KY | 95.25% |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 94 | Benton | 13.90% | 10.60% | 3.30% | ↑Bad ↓Good | 17.00% | Hamilton, OH | 18.80% |
| | **Get 24 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.** | | | | | | | Duval, FL | 19.40% |
| Source | Behavioral Risk Factor Surveillance System | | | | Year(s) | | 2014 | Jefferson, KY | 15.90% |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 29 | Sullivan | 24.43% | 19.17% | 5.27% | ↑Bad ↓Good | 31.00% | Hamilton, OH | 40.89% |
| | **Reduce the number of alcohol related driving deaths by 5.27 percent.** | | | | | | | Duval, FL | 34.09% |
| Source | Fatality Analysis Reporting System | | | | Year(s) | | 2010-2014 | Jefferson, KY | 31.51% |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 89 | Overton | 611.60 | 153.22 | 458.38 | ↑Bad ↓Good | 446.60 | Hamilton, OH | 820.91 |
| | **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.** | | | | | | | Duval, FL | 650.29 |
| Source | National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention | | | | Year(s) | | 2013 | Jefferson, KY | 658.47 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 24 | Putnam | 42.31 | 34.87 | 7.44 | ↑Bad ↓Good | 35.00 | Hamilton, OH | 38.76 |
| | **For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 18 teen(s) from becoming pregnant.** | | | | | | | Duval, FL | 42.75 |
| Source | National Center for Health Statistics - Natality files | | | | Year(s) | | 2007-2013 | Jefferson, KY | 43.54 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 79 | Cheatham | 18.46% | 14.54% | 3.92% | ↑Bad ↓Good | 17.00% | Hamilton, OH | 13.23% |
| | **Get 22 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.** | | | | | | | Duval, FL | 19.38% |
| Source | Small Area Health Insurance Estimates | | | | Year(s) | | 2013 | Jefferson, KY | 15.92% |

### 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 | 1044:1 | 895:1 | 149 | ↑Bad ↓Good | 1320:1 | Hamilton, OH | 955:1 |
| | **To reach a population-to-provider ratio at or exceeding that of the 5th ranking county, 20 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.** | | | | | | | Duval, FL | 1159:1 |
| Source | Area Health Resource File/American Medical Association | | | | Year(s) | | 2013 | Jefferson, KY | 1075:1 |

### 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 | 1364:1 | 1192:1 | 172 | ↑Bad ↓Good | 1540:1 | Hamilton, OH | 1405:1 |
| | **To reach a population-to-provider ratio at or exceeding that of the 1st ranking county, 13 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.** | | | | | | | Duval, FL | 1385:1 |
| Source | Area Health Resource File/National Provider Identification file | | | | Year(s) | | 2014 | Jefferson, KY | 1020:1 |

# 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 | 370:1 | 303:1 | 67 | ↑Bad ↓Good | 490:1 | Hamilton, OH | 423:1 |

To reach a population-to-provider ratio at or exceeding that of the 1st ranking county, 73 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 | 615:1 |

| Source | CMS, National Provider Identification file | | | | Year(s) | 2015 | Jefferson, KY | 359:1 |

### 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 |
|------|-------------|-------|-------------------|-----------|----------------|-----------|-------------|-----------|
| 16 | Anderson | 59.97 | 50.27 | 9.70 | ↑Bad ↓Good | 54.00 | Hamilton, OH | 51.00 |

For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.

| | | | | | | | Duval, FL | 62.42 |

| Source | Dartmouth Atlas of Health Care | | | | Year(s) | 2013 | Jefferson, KY | 60.86 |

### 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 |
|------|-------------|-------|-------------------|-----------|----------------|-----------|-------------|-----------|
| 47 | Giles | 86.48% | 89.20% | 2.73% | ↑Good ↓Bad | 63.00% | Hamilton, OH | 86.77% |

For every 100 diabetic Medicare enrollees, get 3 additional Medicare enrollees to receive HbA1c screening.

| | | | | | | | Duval, FL | 84.59% |

| Source | Dartmouth Atlas of Health Care | | | | Year(s) | 2013 | Jefferson, KY | 87.17% |

### 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% | Hamilton, OH | 62.00% |

For every 100 female Medicare enrollees, get 9 additional Medicare enrollees to receive their mammography screening.

| | | | | | | | Duval, FL | 65.00% |

| Source | Dartmouth Atlas of Health Care | | | | Year(s) | 2013 | Jefferson, KY | 63.00% |

## 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 |
|------|-----------|-------|------------------|-----------|----------------|-----------|-------------|-----------|
| 92 | Tipton | 76.90% | 98.00% | 21.10% | ↑Good ↓Bad | 82.00% | Hamilton, OH | 81.52% |

For every 100 ninth graders, assist 22 additional ninth graders to graduate within four years.

| | | | | | | | Duval, FL | 72.00% |

| Source | EDFacts | | | | Year(s) | 2012-2013 | Jefferson, KY | 77.00% |

### 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 |
|------|-----------|-------|------------------|-----------|----------------|-----------|-------------|-----------|
| 5 | Williamson | 67.02% | 82.51% | 15.49% | ↑Good ↓Bad | 64.00% | Hamilton, OH | 68.85% |

For every 100 adults between 25-44 years of age, assist 16 additional adults to complete some coursework at the collegiate level.

| | | | | | | | Duval, FL | 64.18% |

| Source | American Community Survey | | | | Year(s) | 2010-2014 | Jefferson, KY | 68.02% |

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

| Rank | 1st Ranked | Value | 1st Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|------|-----------|-------|------------------|-----------|----------------|-----------|-------------|-----------|
| 2 | Williamson | 5.05% | 4.55% | 0.50% | ↑Bad ↓Good | 6.20% | Hamilton, OH | 5.34% |

For every 100 persons ages 16 years and older, help 1 persons successfully find employment.

| | | | | | | | Duval, FL | 6.70% |

| Source | Bureau of Labor Statistics | | | | Year(s) | 2014 | Jefferson, KY | 6.09% |

### 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 |
|------|-------------|-------|-------------------|-----------|----------------|-----------|-------------|-----------|
| 71 | Dickson | 31.50% | 21.10% | 10.40% | ↑Bad ↓Good | 22.00% | Hamilton, OH | 24.40% |

For every 100 children (under 18 years) in poverty, help 34 children to find assistance to get out of poverty.

| | | | | | | | Duval, FL | 26.70% |

| Source | Small Area Income and Poverty Estimates | | | | Year(s) | 2014 | Jefferson, KY | 23.90% |

### 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 |
|------|-------------|-------|-------------------|-----------|----------------|-----------|-------------|-----------|
| 52 | Houston | 4.66 | 4.11 | 0.55 | ↑Bad ↓Good | 4.70 | Hamilton, OH | 5.81 |

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 | 4.72 |

| Source | American Community Survey | | | | Year(s) | 2010-2014 | Jefferson, KY | 5.01 |

# 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 89 | Lawrence | 43.56% | 23.36% | 20.19% | ↑Bad ↓Good | 34.00% | Hamilton, OH | 43.19% |
| **For every 100 single parent households in the county, investigate ways to encourage 47 households to be a multi-parent household.** | | | | | | | | Duval, FL | 42.48% |
| **Source** | | American Community Survey | | | **Year(s)** | | 2010-2014 | Jefferson, KY | 42.49% |

### 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 | Johnson | 13.68 | 16.13 | 2.45 | ↑Good ↓Bad | 9.00 | Hamilton, OH | 10.95 |
| **For every 100 people in the county, increase the number of membership associations by 1.** | | | | | | | | Duval, FL | 9.12 |
| **Source** | | County Business Patterns | | | **Year(s)** | | 2013 | Jefferson, KY | 10.03 |

### 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 | 392.00 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 20 | Washington | 75.33 | 70.04 | 5.29 | ↑Bad ↓Good | 60.00 | Hamilton, OH | 63.19 |
| **For every 1,000 population consider ways to prevent 71 deaths as a result of intentional and unintentional injury.** | | | | | | | | Duval, FL | 74.79 |
| **Source** | | CDC WONDER mortality data | | | **Year(s)** | | 2009-2013 | Jefferson, KY | 71.67 |

### 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 | 11.40 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | No Rank | NA | No | No | NA | NA | NA | Hamilton, OH | No |
| **There were no health-based drinking water violations.** | | | | | | | | Duval, FL | Yes |
| **Source** | | Safe Drinking Water Information System | | | **Year(s)** | | FY2013-14 | Jefferson, KY | 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 | 10th Ranked | Value | 10th Ranked Value | Difference | Shift in Value | US Average | Peer County | Peer Value |
|---|---|---|---|---|---|---|---|---|---|
| | 92 | Unicoi | 18.82% | 11.70% | 7.11% | ↑Bad ↓Good | 19.00% | Hamilton, OH | 17.83% |
| **For every 100 persons in the county experiencing housing problems, help 38 person(s) to find housing assistance.** | | | | | | | | Duval, FL | 19.75% |
| **Source** | | Comprehensive Housing Affordability Strategy (CHAS) data | | | **Year(s)** | | 2008-2012 | Jefferson, KY | 15.79% |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 7 | Johnson | 79.69% | 79.19% | 0.50% | ↑Bad ↓Good | 76.00% | Hamilton, OH | 79.65% |
| **For every 100 persons that currently drive alone to work, convince 1 to carpool or take mass-transportation.** | | | | | | | | Duval, FL | 80.41% |
| **Source** | | American Community Survey | | | **Year(s)** | | 2010-2014 | Jefferson, KY | 82.24% |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | 32 | Hamilton | 30.30% | 25.20% | 5.10% | ↑Bad ↓Good | 31.00% | Hamilton, OH | 28.00% |
| **For every 100 persons that currently drive more than 30 minutes alone to work, convince 17 to carpool or take mass-transportation.** | | | | | | | | Duval, FL | 29.70% |
| **Source** | | American Community Survey | | | **Year(s)** | | 2010-2014 | Jefferson, KY | 23.90% |