

Health Factor 2 | Neighborhood & Built Environment

Henry County, Ohio

Access to Foods that Support Healthy Eating	2
<i>Measures of Access to Foods that Support Healthy Eating Patterns</i>	
<i>Percentage with Limited Access to Healthy Foods</i>	
<i>Food Availability Score</i>	
Crime & Violence	5
<i>Measures of Discrimination Crime & Violence</i>	
<i>Violent & Property Crime</i>	
<i>Child Maltreatment</i>	
Public Safety	9
<i>Measures of Public Safety</i>	
<i>Safety Capacity</i>	
Environmental Conditions	10
<i>Measures of Environmental Conditions</i>	
<i>Elevated Lead Exposure</i>	
<i>Environmental Score</i>	
Quality of Housing	13
<i>Measures of Quality of Housing</i>	
<i>Housing Quality</i>	
Infrastructure.....	14
<i>Measures of Infrastructure</i>	
<i>Infrastructure Score</i>	
References & Data Sources	15

Access to Foods that Support Healthy Eating Patterns

Measures of Access to Foods that Support Healthy Eating Patterns | Percentage with Limited Access to Healthy Foods

- Compared to neighboring counties, the share of Henry County residents with limited access to healthy foods is tied with Wood County at 10%--the highest among the counties examined.
- Defiance and Putnam Counties have the lowest share with limited access at 4%.

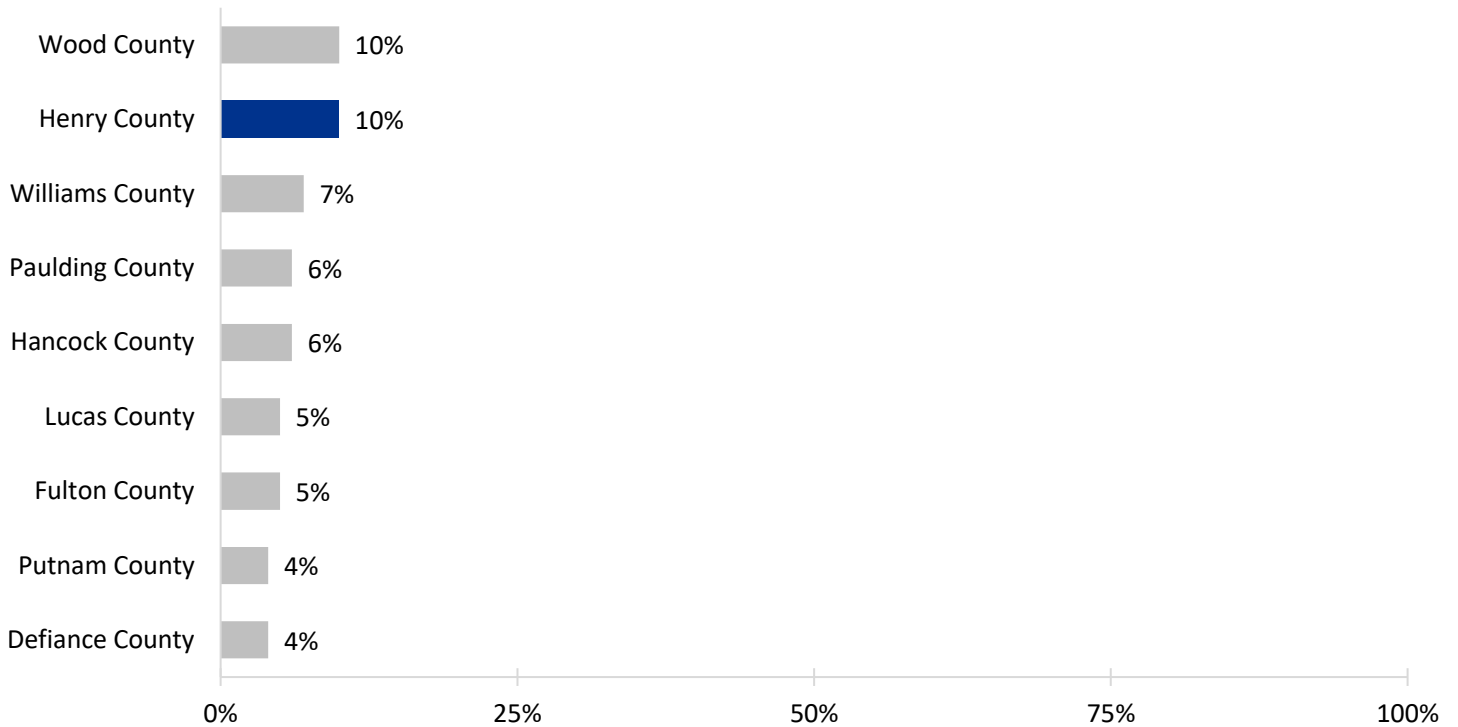


Figure 2.1 County Rankings on the Percentage of Population with Limited Access to Healthy Foods among Henry County and its Neighboring Counties. Data Source: USDA Food Environment Atlas

SOCIAL DETERMINANTS OF HEALTH ASSESSMENT

Health Factor 2 | Neighborhood & Built Environment

Measures of Access to Foods that Support Healthy Eating Patterns | Food Availability Score

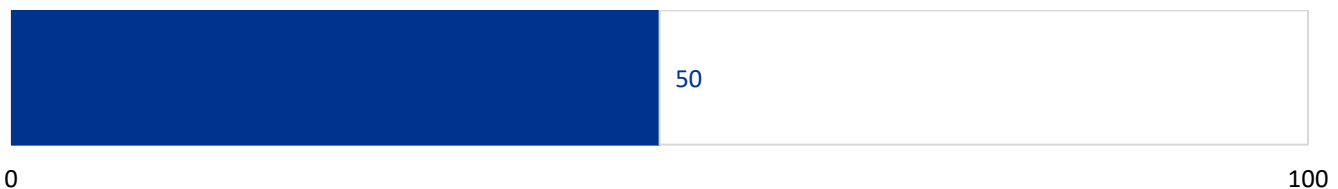
The following graphic show how Henry County compares to the nation, state, and our “peer counties” regarding the individual measures that make up the overall Food Availability Score. The specific measures comprising the 2019 Food Availability Score are as follows:

- **Food Environment Index Score:** The share of total food retailers that are considered healthy based on size and typical food offerings. Healthy retailers include supermarkets, produce markets and warehouse clubs, while less healthy retailers include fast-food restaurants and convenience stores. (2016; U.S. Census Bureau ZIP Code Business Patterns, CARES)
- **Local Food Outlets:** Number of local food outlets – including farmers markets, community-supported agriculture sites, food hubs and on-farm markets – per 100,000 total population (2018; U.S. Department of Agriculture)
- **Population Without Access to Large Grocery Store:** The share of individuals living more than 1 mile (urban areas) or 10 miles (rural areas) from the nearest supermarket, supercenter or large grocery store (2015; U.S. Department of Agriculture)

The food environment index score, local food outlets rate and share of the population without access to large grocery stores are combined to create a Food Availability Score, which ranges from 0 to 100, with higher values indicating greater access to food.

Table 2.1 Henry County, Ohio Food Availability Score and its Associated Metric Scores with Comparisons by Peer Group, State and Nation

Food Availability Score | Henry County



METRIC	COUNTY	U.S.	PEER GROUP	STATE
Food Environment Index Score	10.46	9.33	12.22	8.46
Local Food Outlets (per 100,000)	3.6	3.5	9.8	3.9
Population Without Access to Large Grocery Store	8.8%	22.4%	19.8%	25.3%

Source: U.S. News and World Report Healthiest Communities, 2019 Rankings, Copyright 2019 © U.S. News & World Report L.P.

Note: This figure values were taken directly from the U.S. News and World Report Healthiest Communities webpage:

<https://www.usnews.com/news/healthiest-communities>

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Health Factor 2 | Neighborhood & Built Environment

Taken together, and when compared to neighboring counties, Henry County is only second to Defiance County with an overall composite score of 50.

- Defiance County has the highest at 52.
- The lowest score is found in Williams County at 37

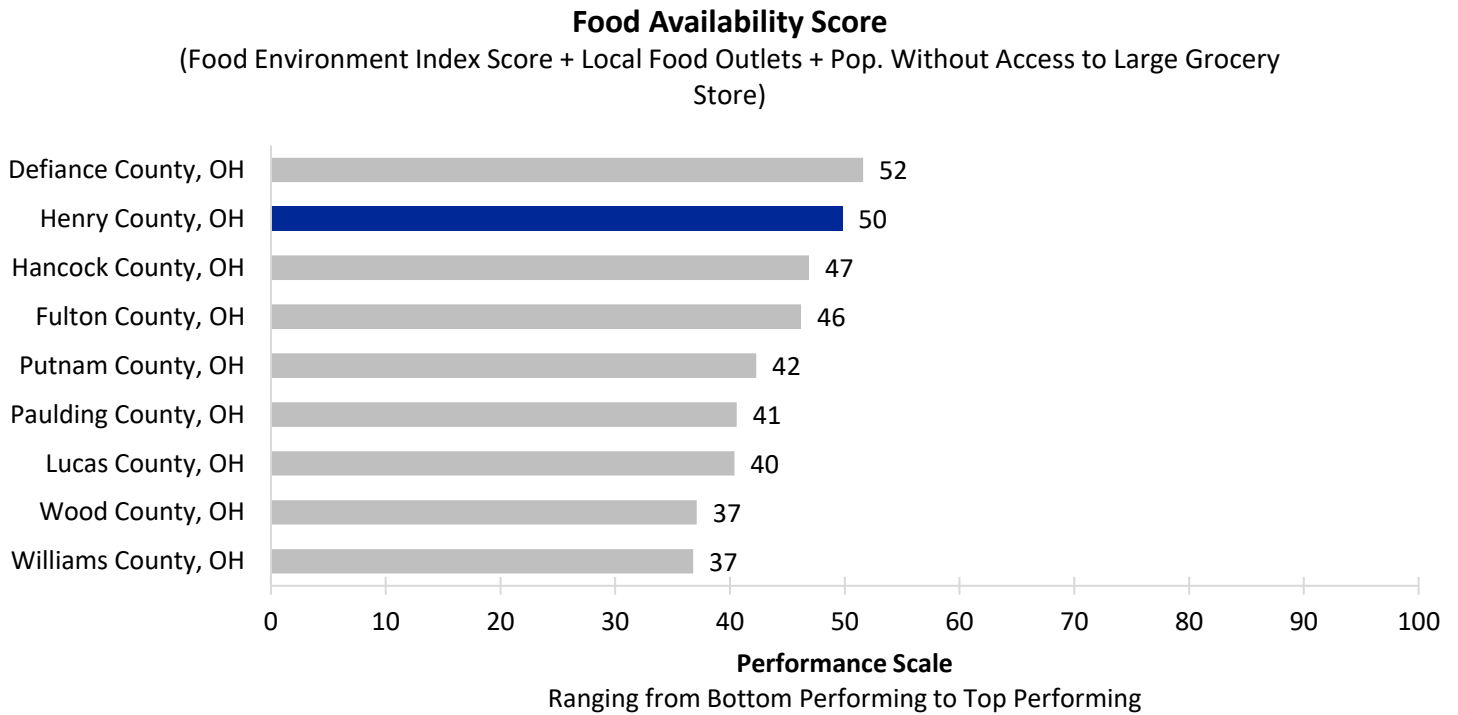


Figure 2.2 County Rankings on the Food Availability Score Among Henry County and its Neighboring Counties. Data Source: U.S. News and World Report Healthiest Communities, 2019 Rankings, Copyright 2019 © U.S. News & World Report L.P.

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Health Factor 2 | Neighborhood & Built Environment

Crime & Violence

Measures of Crime & Violence | Violent and Property Crime

Violent crime is composed of four offenses: homicide, rape, robbery, and aggravated assault. Violent crimes involve force or threat of force.

How violent crimes are counted. This data reflects the hierarchy rule, which requires only the most serious offense in a case be counted. Although arson is also a property crime, the hierarchy rule does not apply to it. In cases in which an arson occurs in conjunction with another violent or property crime, both crimes are reported.

Please note these numbers only count the number of crimes **reported**. If a crime was committed and **not** reported it is **not** included in the following figures. Also, not all villages/towns in Henry County have dedicated police departments, therefore if a crime were reported that occurred in an area without a police department it will be included in the numbers for the Henry County Sheriff's Office.

Figure 3 provides the volume of violent crime as reported by city and town law enforcement agencies that contributed data to the Uniform Crime Reporting (UCR) Program.

- The number of reported violent crimes in Henry County has fluctuated over the past ten years with peaks in 2009 (30 reported violent crimes), 2012 (26 reported violent crimes), and a sustained increase since 2015 (beginning at 28 and reaching 35 by 2018).

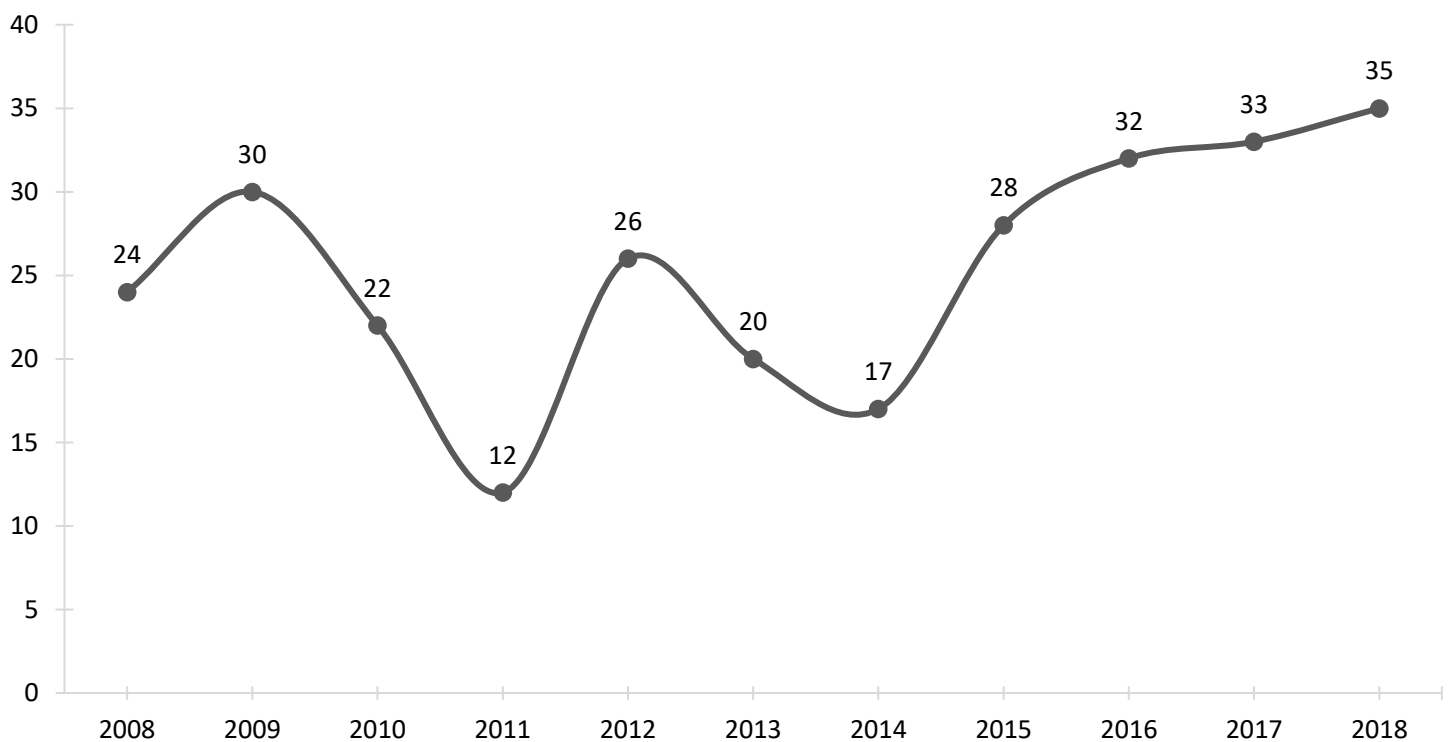


Figure 2.3 Total Number of Reported Violent Crime Offense per Year for Henry County, 2008-2018. Data Source: National Incident-Based Reporting System (NIBRS) data

Note: Only the Henry County Sheriff's Office and Napoleon Police Department reported Violent Crimes over the time period examined.

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Health Factor 2 | Neighborhood & Built Environment

Figure 4 provides the volume of property crime as reported by city and town law enforcement agencies that contributed data to the UCR Program.

- The trend in reported property crimes in Henry County over the past ten years is negative, meaning there has been a decrease in the number of reported property crimes.
 - In 2008 there were a total of 773 property crimes reported compared to 258 in 2018. That represents a 66% decrease in reported property crimes.

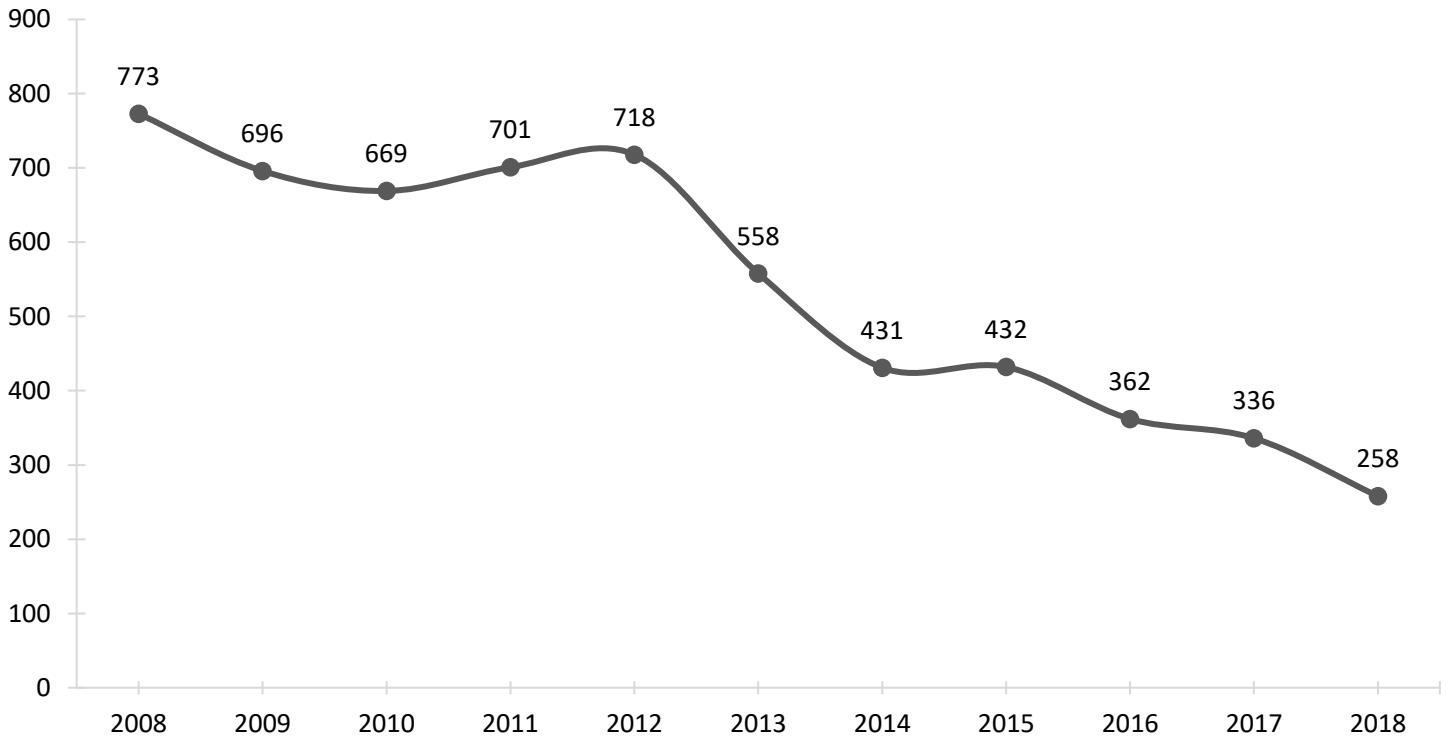


Figure 2.4 Total Number of Reported Property Crime Offense per Year for Henry County, 2008-2018. Data Source: National Incident-Based Reporting System (NIBRS) data

Note: Only the Henry County Sheriff's Office, Napoleon Police Department and Deshler Police Department reported Property Crimes over the time period examined.

SOCIAL DETERMINANTS OF HEALTH ASSESSMENT

Health Factor 2 | Neighborhood & Built Environment

While the data provided by the County Health Rankings is slightly older than that presented above, it does provide a comparison of Henry County with its neighbors.

- The highest violent crime rate was in Lucas County with 824 per 100,000 people.
- The lowest rate was Putnam County with 71 per 100,000.
- Henry County's rate was in the middle of the pack at 107 per 100,000.

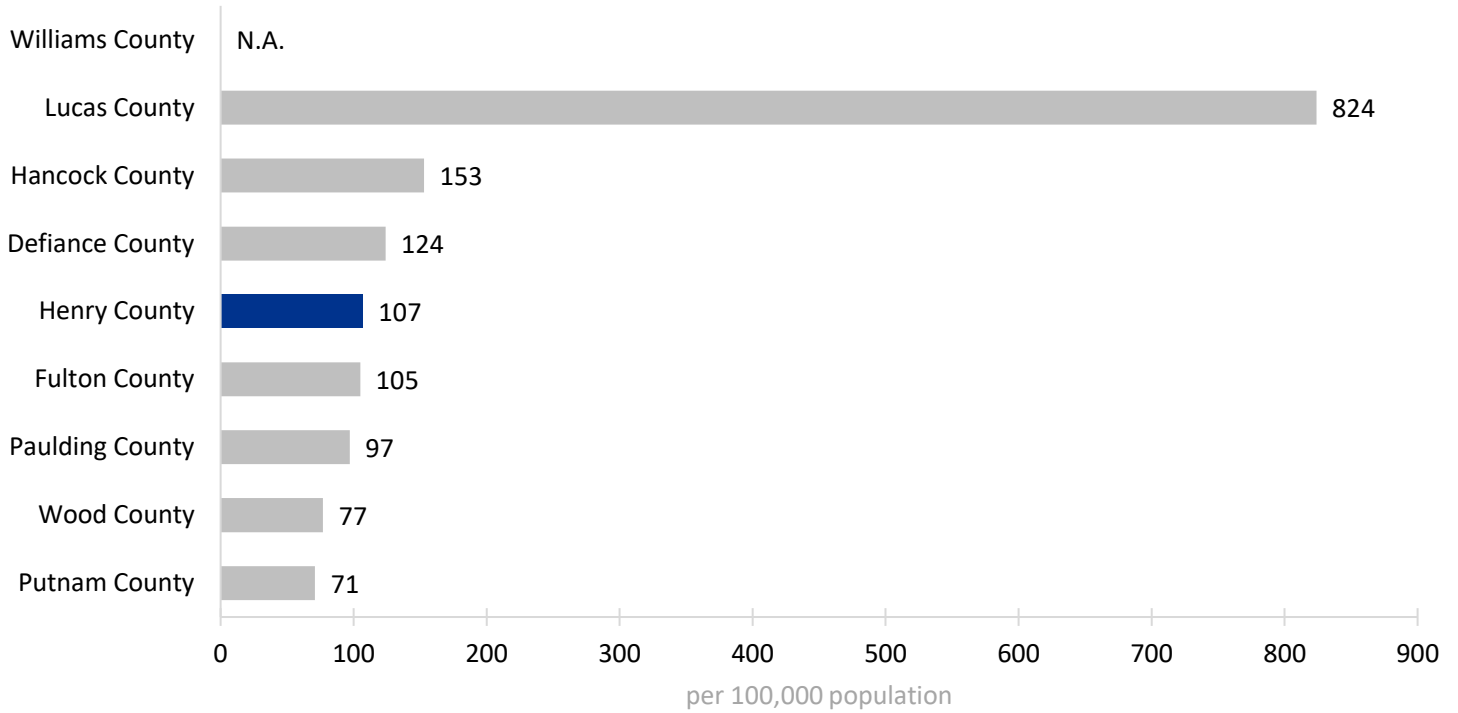


Figure 2.5 County Rankings on the Violent Crime Rate among Henry County and its Neighboring Counties. Data Source: County Health Rankings, Uniform Crime Reporting – FBI, 2014 & 2016

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Health Factor 2 | Neighborhood & Built Environment

Measures of Crime & Violence | Child Maltreatment

Child victims are children who are subject to at least one substantiated or indicated maltreatment report. Prior to 2015, children in cases receiving alternative response were included as victims, but from 2015 onwards, these children are not included as victims to align with a change in methodology in the Children's Bureau's Child Maltreatment report. Rates of maltreated children are per 1,000 children under 18 years old. It is important to note that these numbers do not include child victims who did not come to the attention of authorities through a report of maltreatment.

To the extent possible, Kids Count uses the same definition of substantiation as the Child Maltreatment report. However, unlike many of the tabulations in the report, their analyses examine the number of children who were maltreated, not the number of maltreatment incidents. Since a child can be the subject of more than one maltreatment incident, the numbers of children in each category presented will be smaller than in the report's tabulations of incidents.

In 2018, 7 out of every 1,000 children in Henry County were the subject of a maltreatment incident reported to authorities.

- The child maltreatment rate in Henry County (7.3) was like the statewide child maltreatment rate (7.4).
- The rates of maltreatment observed in Williams and Lucas counties was twice as high as that observed in Henry County. Williams County had the highest rate among neighboring counties—nearly 15 out of every 1,000 children had a maltreatment incident reported.
- Putnam County had the lowest rate at 4 per 1,000 children.

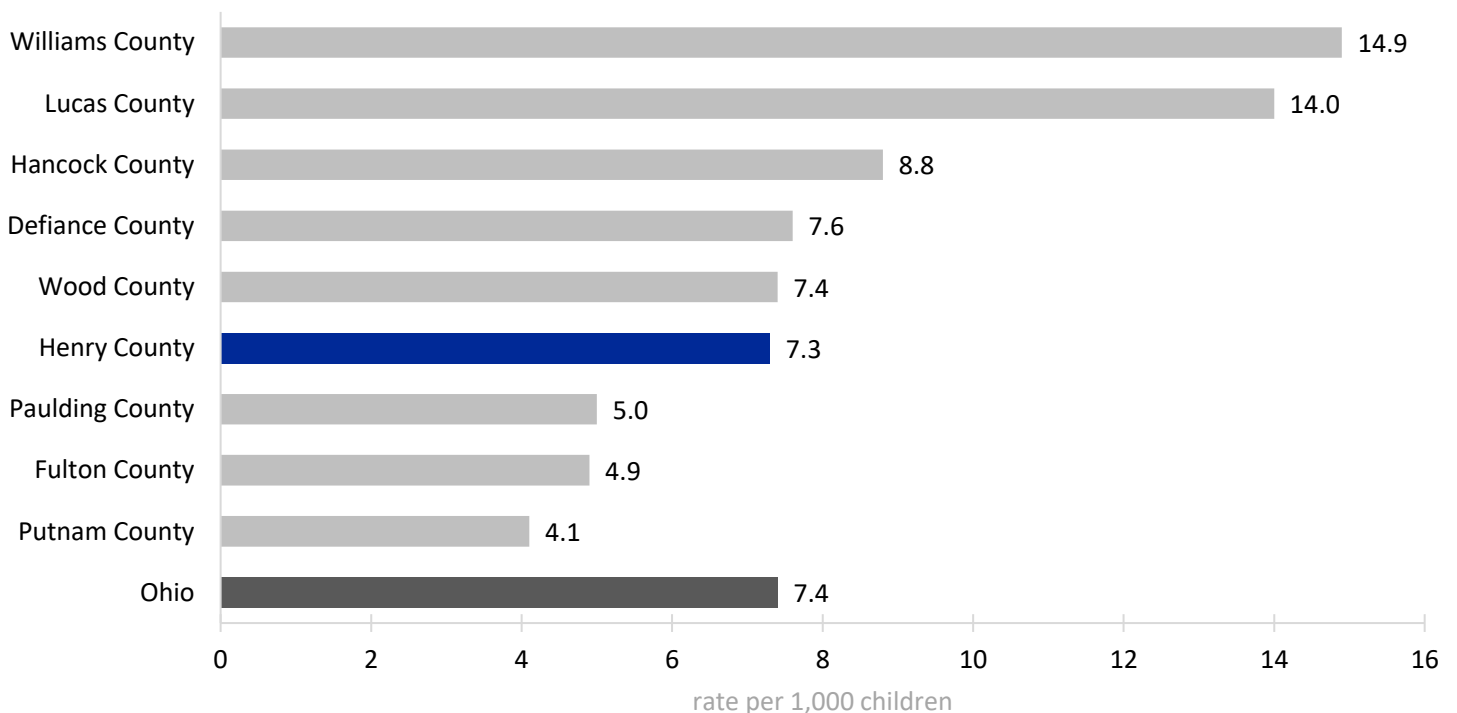


Figure 2.6 County Rankings on the Reported Child Maltreatment Rate among Henry County and its Neighboring Counties, 2018. Data Source: Children's Defense Fund-Ohio's annual KIDS COUNT County-by-County Factsheets

SOCIAL DETERMINANTS OF HEALTH ASSESSMENT

Health Factor 2 | Neighborhood & Built Environment

Public Safety

Measures of Public Safety | Public Safety Capacity

- **First Responders in Population:** Reflects employment in emergency services professions – including paramedics, firefighters, police officers and others (2012-2016 American Community Survey 5-year estimates; U.S. Census Bureau)
- **Per Capita Spending on Police and Fire Protection:** Reflects local government expenditures in dollars per capita on emergency services (local fire protection and local police protection) (2012; U.S. Census Bureau)
- **Population Living Close to Emergency Facilities:** Reports the share of the total population living within 5 miles of a fire station or a hospital with an emergency room (2017/2018; Centers for Medicare and Medicaid Services, U.S. Geological Survey)

The number of first responders in the population, per capita spending on police and fire protection and the share of the population living close to emergency facilities are combined to create a Public Safety Capacity Score, which ranges from 0 to 100, with higher values indicating greater access to food.

- Henry County’s overall Public Safety Score was 33.3. This score is relatively like most neighboring counties.
- Looking at the measures that make up the Public Safety Capacity Score reveal county-level variation in some measures.
 - Henry County had the highest percentage of its population living close to emergency facilities at 45%.
 - Only 0-1% of each county’s total population were first responders.
 - Lucas County had the highest per capita spending on police and fire protection at \$436. Henry County’s per capita spending was \$242.11.

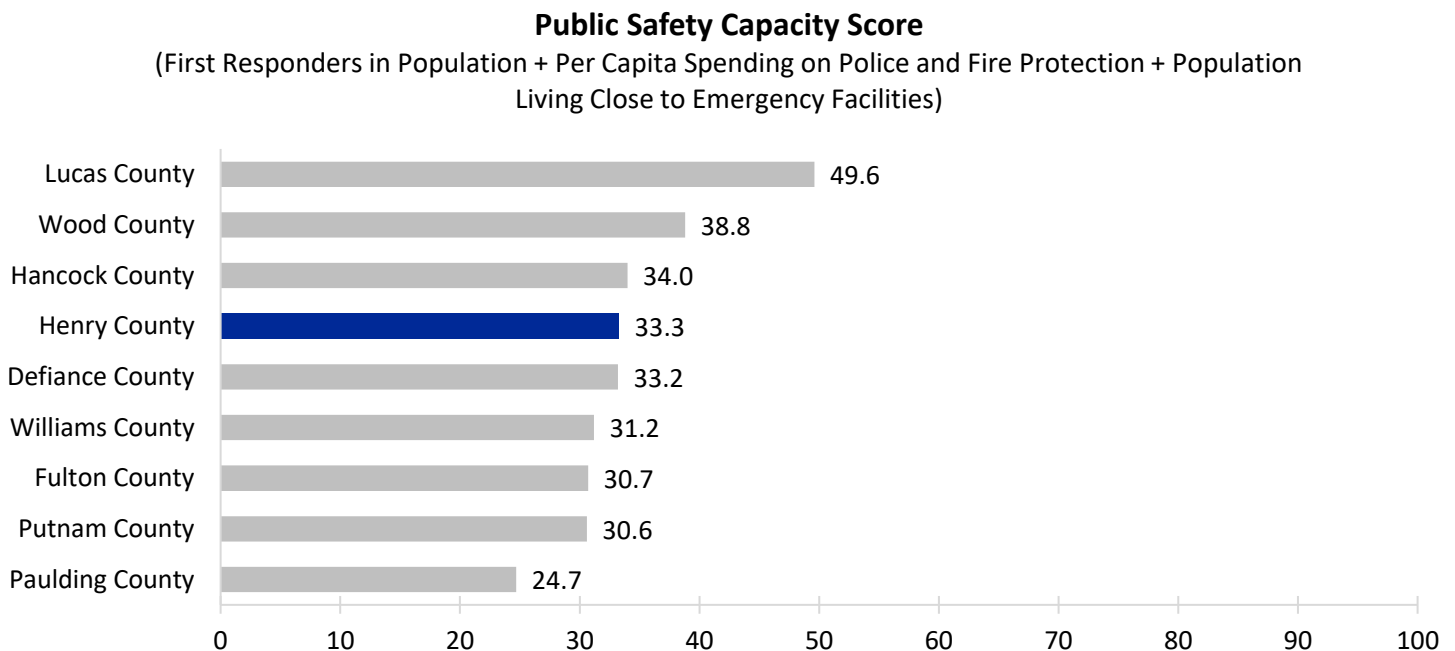


Figure 2.7 County Rankings on the Public Safety Capacity Score Among Henry County and its Neighboring Counties. Data Source: U.S. News and World Report Healthiest Communities, 2019 Rankings, Copyright 2019 © U.S. News & World Report L.P.

Environmental Conditions

Measures of Environmental Conditions | Elevated Lead Exposure

Lead poisoning can have long-term detrimental health effects, especially for young children. Though no level of lead in the body is considered safe, medical attention is needed when a child under six years of age is confirmed to have an elevated blood lead level of 5 micrograms per deciliter (µg/dL) or higher. When a confirmed elevated blood lead test is received for a child under the age of six, it triggers a public health lead investigation aimed at identifying and eliminating the lead exposure.

Henry County had one of the lowest percentage of children with elevated lead blood levels at 1.3%

- The only county with a smaller share testing positive was Wood County at 0.5%.
- Lucas and Williams counties had the highest share testing positive for elevated lead levels, 4.5% and 4%, respectively.

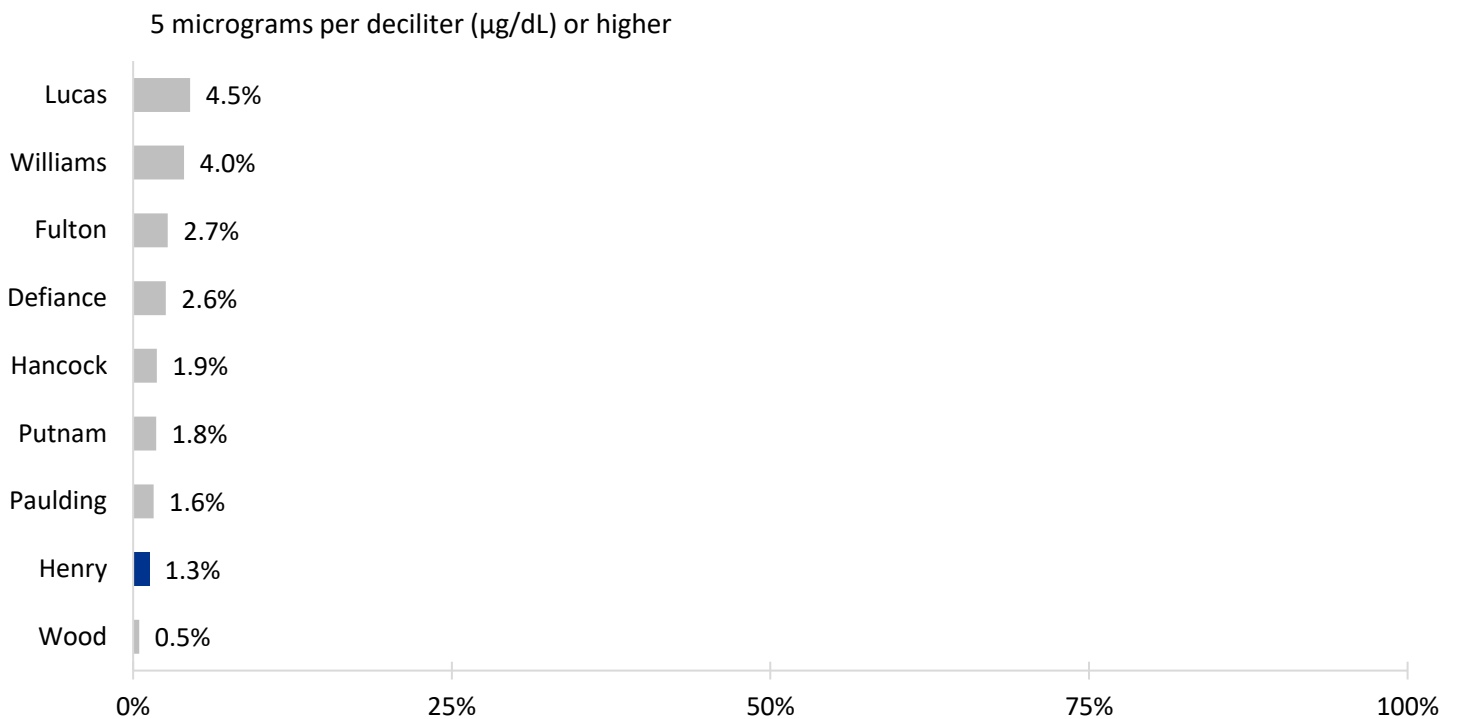


Figure 2.8 County Rankings on Percentage of Children (Aged 5 and Younger) Who Tested with Elevated Blood Lead Level, among Henry County and its Neighboring Counties, 2017-19. Data Source: Ohio Public Health Information Warehouse, Lead Data, <http://publicapps.odh.ohio.gov/EDW/DataBrowser/Browse/LeadData>

Note: We are doing three-year averages of data for two reasons: (1) we have small populations (2) to coincide with the CHA years. The data in 2008 for those with levels between 5 and 9 were not reported, so the 3-year period prior to 2011 are not estimable.

SOCIAL DETERMINANTS OF HEALTH ASSESSMENT

Health Factor 2 | Neighborhood & Built Environment

Measures of Environmental Conditions | Environment Score

Air & Water

- ***Air-Quality Hazard***: Index score representing the potential risk of developing serious respiratory complications such as chronic obstructive pulmonary disease over the course of a lifetime, assuming continuous exposure (2014; U.S. Environmental Protection Agency)
- ***Airborne Cancer Risk***: The probability of contracting cancer over the course of a lifetime, assuming continuous exposure (2014; U.S. Environmental Protection Agency)
- ***Unsafe Drinking Water Exposure***: The share of the population potentially exposed to a drinking water system that violated EPA standards (2013-2014; U.S. Environmental Protection Agency, via University of Wisconsin County Health Rankings & Roadmaps)

Natural Environment

- ***Area with Tree Canopy***: The share of land area covered by tree canopy, weighted by population (2011; Multi-Resolution Land Cover Characteristics Consortium, U.S. Forest Service)
- ***Natural Amenities Index Score***: Measures the natural physical environment qualities most people prefer and change minimally over time (1999; U.S. Department of Agriculture)
- ***Population Within 0.5 Mile of a Park***: The share of the total county population living within a half-mile of a park boundary (2010/2011/2012/2015; Esri, OpenStreetMap, U.S. Geological Survey, U.S. Census Bureau)

Natural Hazards

- ***Extreme Heat Days per Year***: The relative annual number of high heat days (days above the 95th percentile for heat index values) (2014-2016; Centers for Disease Control and Prevention)
- ***Households in Flood Hazard Zone***: The share of households in a flood hazard area (2010/2011; Federal Emergency Management Agency, Centers for Disease Control and Prevention, U.S. Census Bureau)
- ***Toxic Release Index Score***: The potential for chronic human health risk from exposure to toxic chemicals relative to other communities. (2016; U.S. Environmental Protection Agency)

The metrics associated with air & water, the natural environment and natural hazards are combined to create an Environment Score, which ranges from 0 to 100, with higher values indicating better performance per county as it pertains to environmental quality.

Health Factor 2 | Neighborhood & Built Environment

Henry County has an Environment Score of 58.5. Compared to neighboring counties, this score places us in the middle of the pack.

- Hancock County has the highest score of 64.6, whereas Putnam County has the lowest at 50.4.
- On a 100-point scale (0 worst, 100 best), Henry County has the highest Natural Hazards Score among neighboring counties at 78.5 (not shown).
- Regarding unsafe drinking water, 15% of Henry County residents are potentially exposed to a drinking water system that violated EPA standards (not shown).

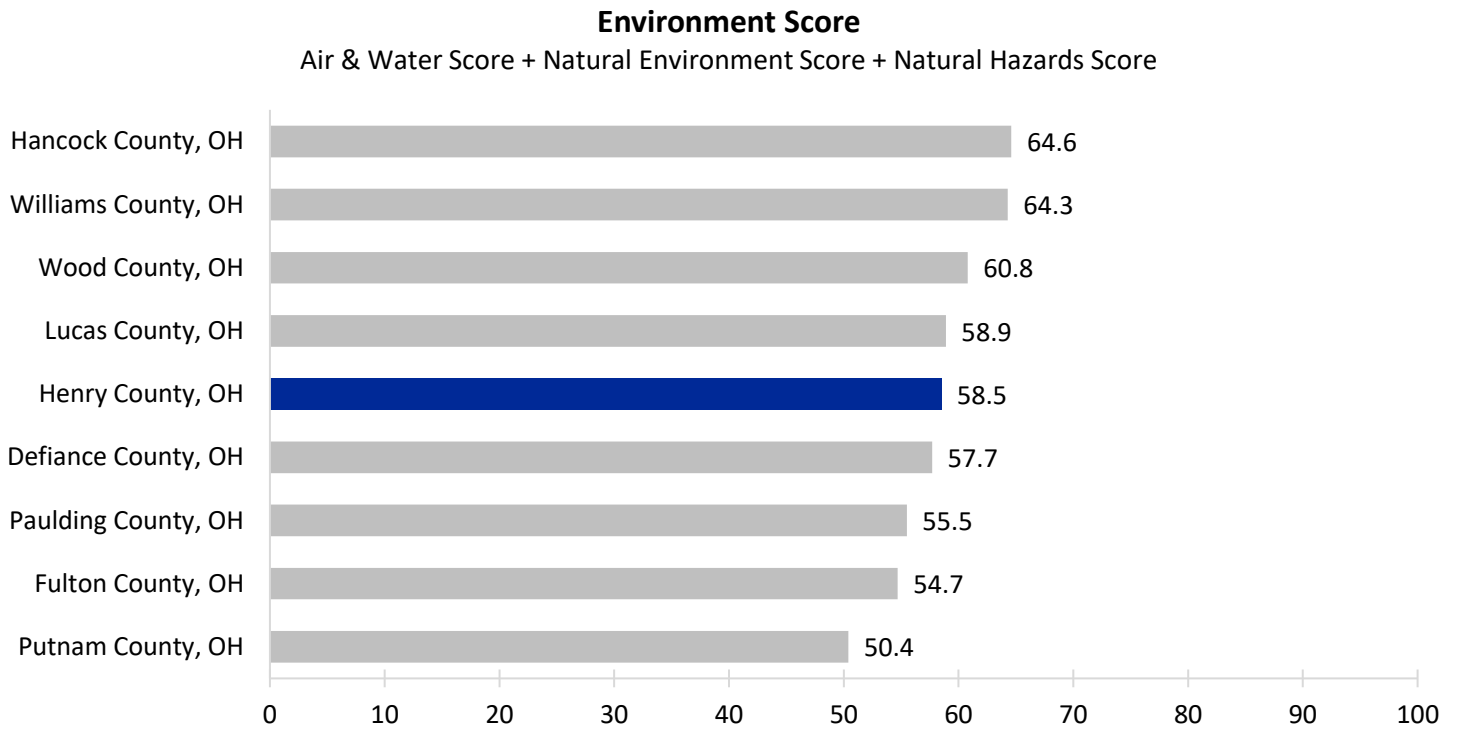


Figure 2.9 County Rankings on the Environment Score Among Henry County and its Neighboring Counties. Data Source: U.S. News and World Report Healthiest Communities, 2019 Rankings, Copyright 2019 © U.S. News & World Report L.P.

Quality of Housing

Measures of Quality of Housing | Housing Quality

- *Households with Incomplete Plumbing Facilities*: The share of total housing units that do not have both hot and cold running water and a bathtub or shower inside the house (2012-2016 American Community Survey 5-year estimates; U.S. Census Bureau)
- *Vacant Houses*: The share of vacant residential addresses (2018; U.S. Department of Housing and Urban Development, U.S. Postal Service)

The measures of the share of households with incomplete plumbing facilities and the share of vacant houses are combined to create a Housing Quality Score, which ranges from 0 to 100, with higher values indicating better performance per county as it pertains to housing quality.

Henry County has a Housing Quality Score that falls towards the middle of the pack among neighboring counties at 84 out of a total of 100 possible points.

- The highest housing quality score was found in Putnam County scoring 93 out of 100.
- Lucas County had the lowest score earning of 64 out of 100 points.

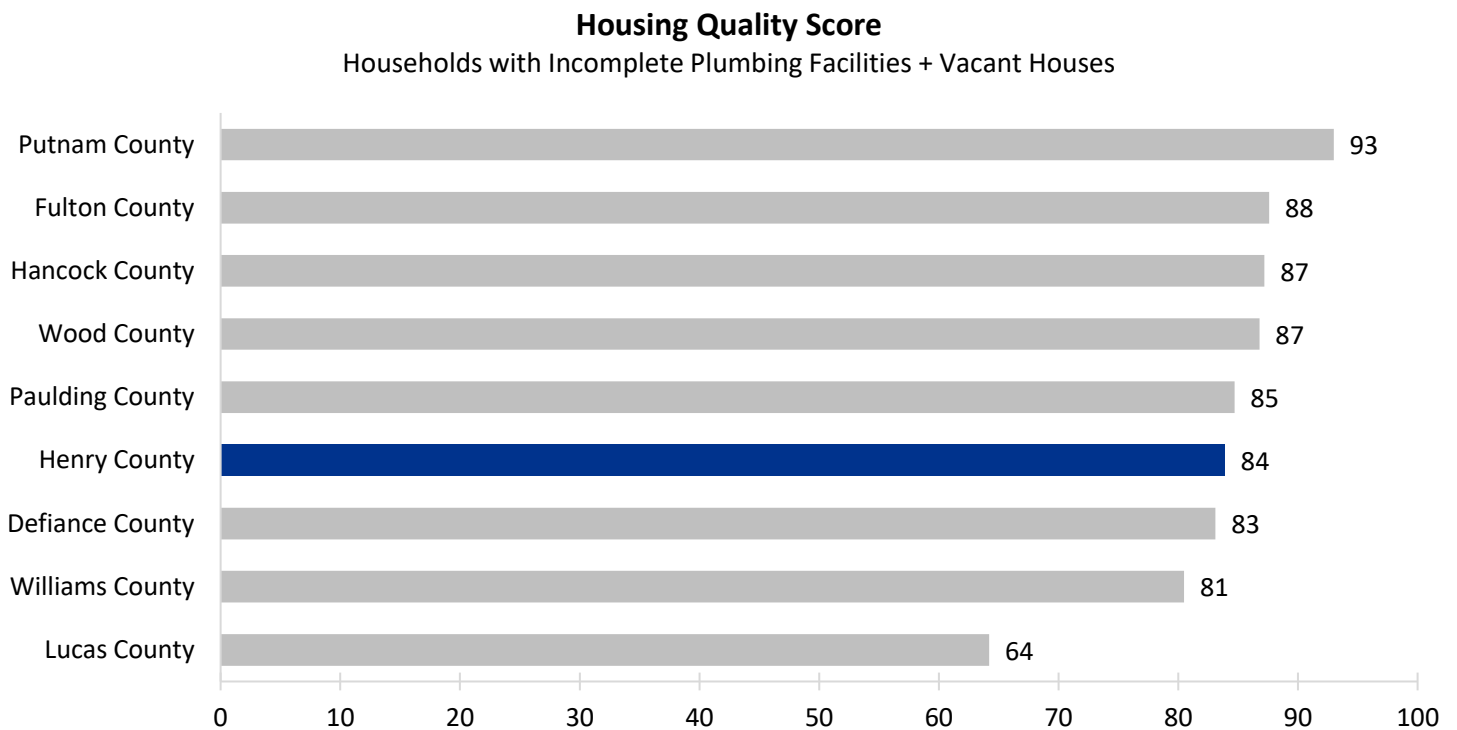


Figure 2.10 County Rankings on the Housing Quality Score Among Henry County and its Neighboring Counties. Data Source: U.S. News and World Report Healthiest Communities, 2019 Rankings, Copyright 2019 © U.S. News & World Report L.P.

Infrastructure

Measures of Infrastructure | Infrastructure Score

Community Layout

- **Households with Internet Access:** The share of the population with access to at least one broadband provider with an internet download speed of at least 25 megabits per second and an upload speed of at least 3 megabits per second (2017; Federal Communications Commission)
- **Population Within 0.5 Mile of Walkable Destinations:** The share of the total county population living within a half-mile of a destination such as a library, museum or playground (2015/2016; Institute of Museum and Library Services, OpenStreetMap)
- **Walkability Index Score:** A county's index score on measures of walkable streets, including pedestrian-oriented intersections and the diversity of area businesses (2010-2012; U.S. Environmental Protection Agency)

Transportation

- **Households with No Vehicle:** The percentage of households in a county that do not have access to a personal vehicle at home (2012-2016 American Community Survey 5-year estimates; U.S. Census Bureau)
- **Workers Commuting 60 Minutes or More:** The share of workers who commute for 60 minutes or longer (2012-2016 American Community Survey 5-year estimates; U.S. Census Bureau)

The metrics associated with community layout and transportation are combined to create a Infrastructure Score, which ranges from 0 to 100, with higher values indicating better performance.

Henry County has an Infrastructure Score of 70.6—this value places in the middle of the pack among neighboring counties.

- Wood County has the highest infrastructure score at 82.5
- Defiance County has the lowest at 62.1.

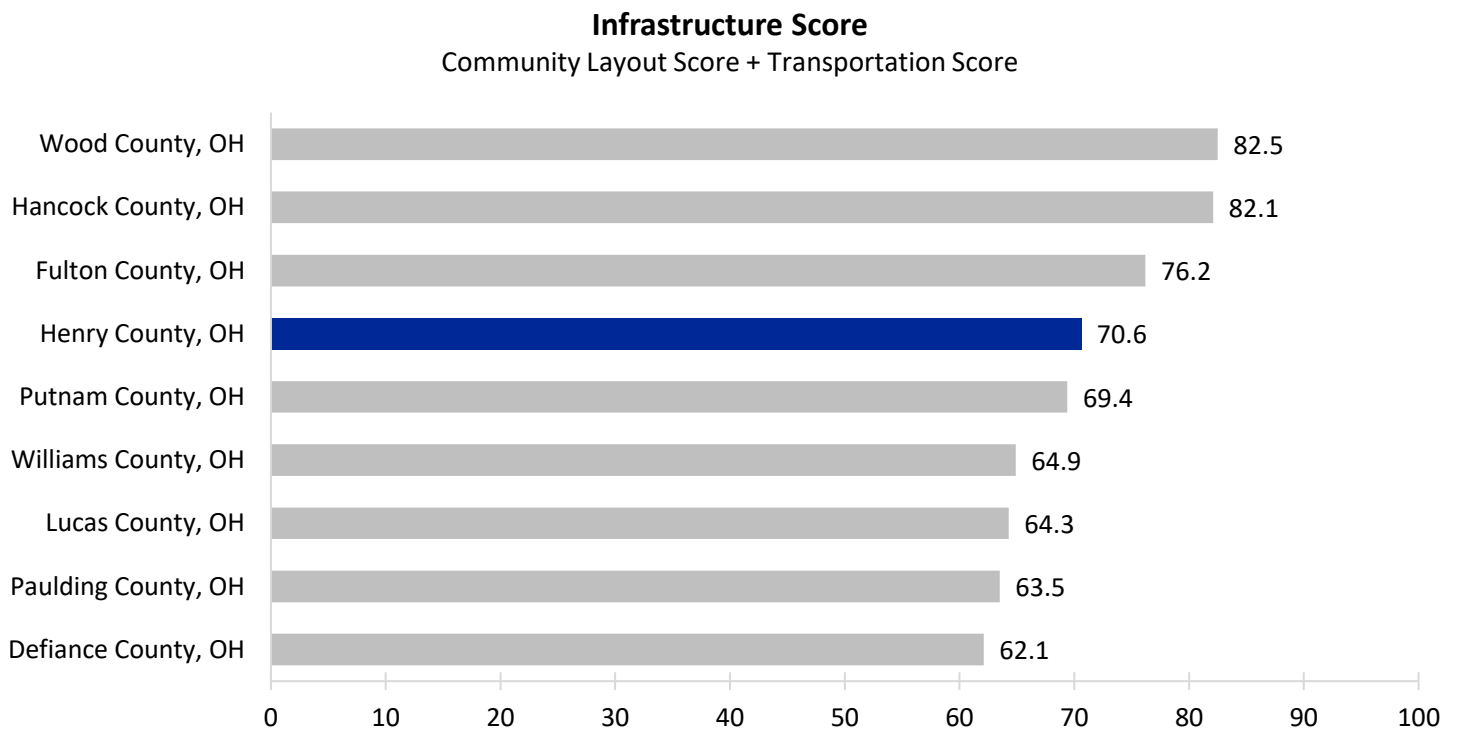


Figure 2.11 County Rankings on the Infrastructure Score Among Henry County and its Neighboring Counties. Data Source: U.S. News and World Report Healthiest Communities, 2019 Rankings, Copyright 2019 © U.S. News & World Report L.P.

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